

# Directory of Chinese Cabbage Researchers

Jin-Young Yoon



Asian Vegetable Research and Development Center  
Tropical Vegetable Information Service

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## Preface

Chinese cabbage, *Brassica campestris* subsp. *pekinensis*, is one of the most important traditional vegetables in East Asian countries such as China, Japan and Korea. Although in recent years it has been widely introduced into other parts of the world, largely owing to emigrants from East Asia, considerable research effort has to be undertaken if this crop is to become firmly adapted to cropping systems and diet patterns of the newly introduced areas. As AVRDC's newly developed heat-tolerant cultivars make it possible to grow this crop in the lowland tropics, some hitherto neglected problems which require more attention are being recognized among researchers.

The resource persons listed in this Directory were identified from three major sources: the recipients of the Cruciferae Newsletter, the membership list of the Crucifer Genetics Cooperative, and AVRDC's own extensive lists of crop cooperators and publication recipients. We are indebted to Dr. A. B. Wills of the Scottish Crop Research Institute and Dr. P.H. Williams of the University of Wisconsin-Madison for provision of the first and second sources, respectively. Dr. H. Yoshikawa of the National Institute for Vegetable, Ornamental Plants and Tea, Japan, and Dr. S.S. Lee of the Horticultural Experiment Station, Republic of Korea kindly helped identify additional Chinese cabbage workers of their respective countries.

Some additional information such as foreign language proficiency, availability for consultation, overseas experience, etc. which was also collected while preparing this directory will enter AVRDC's Vegetable International Professional Service (VIPS) registry. Except for the overseas experience of some participants, such information is not included in this directory and is available through the VIPS database. For the sake of consistency and fairness, all mention of honors has been deleted from the educational records. These two decisions were made only after the profiles came back from the participants for their checking and completion; their understanding is deeply appreciated. There are still a large number of questionnaires which have not been returned, particularly from China which is the center of origin and diversity of Chinese cabbage. The pressures of press do not allow any further delay. Information from these outstanding questionnaires will be also available in the future through the VIPS database.

The author wishes to express his sincere thanks to Ms. Gloria K. H. L. Lin for her efforts in inputting the data and making corrections and to Mr. H. Y. Tien for his assistance in developing and handling the computer file for this Directory. Thanks are also given to Mr. Bruce T. McLean, Head of the Office of Information Services and his staff for their editorial and publication assistance.

It is hoped that this Directory is a useful medium to the professional researchers working on Chinese cabbage and related crops. We also hope that the Directory will facilitate better communication, interaction and cooperation among the researchers in this field.

Jin-Young Yoon  
Associate Plant Breeder

## Abbreviations

Adm.	- administration	Inst.	- Institute
Agr.	- agriculture	Ind.	- Industry
Agrl.	- agricultural	Int.	- International
Agrn.	- agronomy	Mgt.	- management
Ass.	- association	Min.	- ministry
Assoc.	- associate	Mt.	- mountain
Asst.	- assistant	Nat.	- national
Cert.	- certificate	Nutr.	- nutrition
Chem.	- chemistry	Path.	- pathology
Cont.	- continuing	Phil.	- philosophy
Coop.	- cooperative	Pl.	- plant
Corp	- corporation	Prodn.	- production
Dept.	- department	Prof.	- professor
Dev.	- development	Proj.	- project
Dipl.	- diploma	Rep.	- republic
Dist.	- district	Res.	- research
Div.	- division	Sci.	- science
Eco.	- economic	Sec.	- section
Econ.	- economist	Serv.	- service
Educ.	- education	Spec.	- specialist
Extn.	- extension	Sr.	- senior
Expt.	- experiment, -al	Sta.	- station
Fac.	- faculty	Stat.	- statistics
Govt.	- government	Tech.	- technology
Grad.	- graduate	Techn.	- technical
Grp.	- group	Trop.	- tropical
Hort.	- horticulture	Univ.	- university
Hortl.	- horticultural	Veg.	- vegetable

## Explanatory Note

Telefax no.	Professional title		Office telephone no.		Employer	
Home telephone no.	Home address	Date of birth	Place of birth	Nationality	Profession	
	<p><b>SAJJAPONGSE, Adisak.</b> ADR: AVRDC, P.O. Box 42, Shanhua, Tainan 74199, Taiwan, R.O.C. HTEL: (06)5837801 Ext. 279. DB: 18/11/43. PB: Thailand. N: Thai. PROF: Agrl. Scientist. TITLE: Associate Crop Management Specialist. EMP: AVRDC, P.O. Box 42. ADRE: Shanhua, Tainan 74199, Taiwan, R.O.C. OTEL: (06)5837801 Ext. 212. FAX: 06-5830009. TLX: 73560 AVRDC. EXPERTISE: Cultural/management practices. SUB INT: Water management, weed control, mulching, planting date and general cultural management. EDU: Kasetsart Univ./Soil Fertility/1962-1967/B.S.; Univ. of Minnesota/Soil Fertility/1969-1973/Ph.D. EXP: Postdoctoral Fellow/1974-1976/IITA, Nigeria; Chief, Soil Research Division/1976-1979/TISTR, Thailand; Assoc. Crop Mgt. Specialist/1979-present/AVRDC, Taiwan. REM: Considerable experience with Chinese cabbage.</p>					
Professional subject interest(s)	Post-secondary educational background	Professional experience	Remarks			
Employer's address	Telex no.	Professional expertise				

Remark: An empty space between brackets indicates that information was not provided for that field.

## Directory

**ALIP, Jame Aristotle B.** ADR: ATI Bldg. Balverde St., San Pablo City, Philippines. DB: 22/04/57. PB: Philippines. N: Filipino. TITLE: Manager. EMP: Center for Rural Technology Development. ADRE: BO San Isidro, Calauan, Laguna, Philippines. EXPERTISE: Cultural practices. SUB INT: Farm crop production. EDU: Univ. of the Philippines at Los Banos/Agr./1973-1978/B.S.;UPLB/B.S. Agr./1981-1983/B.S.

**ANCHA, Srinivasan.** DB: 01/06/60. PB: India. N: Indian. PROF: Research Scholar. EMP: Univ. of Cambridge. ADRE: Department of Applied Biology, Pembroke Street, Cambridge, U.K. OTEL: (0223)334468. TLX: 81240 CAMSPL-G. EXPERTISE: Cultural/management practices;Cultivar trial;Plant physiology. SUB INT: Development of cultivars and appropriate agronomic practices for Chinese cabbage production. EDU: Univ. of Cambridge/Applied Biology/1984-1987/Ph.D.;Indian Agrl. Res.Inst., New Delhi/Agronomy/1981-1984/M.S.;A.P. Agrl. Univ. Hyderabad, India/Agriculture/1977-1981/B.S. REM: Research experience on rainfed pigeonpeas, upland rice and temperate oil seed rape.

**ANDRADE, Jimmy Ricardo Limongi.** ADR: Ave. Manabi y Quito, Ecuador. HTEL: 652791. DB: 04/06/61. PB: Guayaquil. N: Ecuadorean. PROF: Ingeniero. TITLE: Agronomist. EMP: Instituto Nacional de Investigaciones Agropecuarias (INIAP). ADRE: Ave Manabi Y Quito, Portoviejo-Manabi, Correo Central, Ecuador. OTEL: 652600, 652317. FAX: 100. TLX: INIAP. SUB INT: Manejo del cultivo y perspectivas de adaptacion a la zona, Desarrollo de variedades resistentes a plagas y enfermedades. EDU: Colegio: Tecnico Agropecuario/ /1972-1978/B.S.;Universidad Tecnica Manabi/ /1979-1984/Ingeniero Agronomo;Ano Rural/ /1985-1986/Practicas Agronomicas. REM: Certificate of the course about kidney bean and cowpea in Cornell University; Certificate of workshop on bean and cowpea in INIAP; Certificate of course about production of soybean; Certificate of course about nematology; Certificate of seminars on rice cultivation; Certificate of course about field corn; Certificate of course about the cultivation of cotton; Certificate of course about agrarian reform.

**ANDREOLI, Claudinei.** ADR: SQN 203 BL.H Apto. 207, Brasilia-DF 70000, Brazil. DB: 26/09/52. PB: Ibitiua/Sao Paulo. N: Brazilian. PROF: Agronomist/Researcher. TITLE: Secretary of Vegetable Production. EMP: Ministry of Agriculture. ADRE: Secretaria De Producao Vegetal, 50 Andar Sala 530, Brasilia-DF 70000, Brazil. OTEL: 0612182520. TLX: (061) 1027. EXPERTISE: Breeding;Cultivar;Seed production; Tissue culture;Seed physiology. SUB INT: Identification cultivar (isoenzymes); Seed production; Methods for improving germination; Embryo culture; Seed pathology. EDU: Univ. of Sao Paulo/Agronomy/1971-1974/B.S.;North Dakota St. Univ./Agronomy/1975-1977/M.S.;Washington St. Univ./Agronomy/1981-1985/Ph.D. EXP: Leader of the seed production and research program for vegetable crops/1977-1981/ ;Seed Researcher/1975-1987/ ;Editor chief /1985 until present/Brazilian Seed Journal;Secretary/1986-present/Executive of the Vegetable Seed Committee.

**ANGULO, Andres O.** ADR: Casilla 2407 Apartado 10, Concepcion, Chile. HTEL: 234985 Anexo 2152. DB: 01/04/42. PB: Osorno City (Chile). N: Chilean. PROF: Licenciado En Biologia. TITLE: Licenciado En Biologia Magister En Ciencias (Zoologia). EMP: Univ. of Concepcion. ADRE: Casilla 2407 Apartado 10, Departamento-De Zoologia, Chile. OTEL: 234985. EXPERTISE: Entomology. SUB INT: Noctuid moths of agriculture importance. (Eggs, larvae, pupae and adult). Systematic studies and phylogenetic relationships. EDU: Univ. of Concepcion/General Biol./1961-1964/B.S.;Univ. of Concepcion/General Zool./1965-1969/Licenciado Biol.;Univ. of Concepcion/Zool. Entomol./1983-1985/M.S.



**ANTONIO, Baltazar Alcaraz.** ADR: 1689 Parulan, Plaridel, Bulacan, Philippines. DB: 18/10/58. PB: Philippines. N: Filipino. PROF: Graduate Student. EMP: Univ. of Tsukuba. ADRE: Institute of Agr. & Forestry, Sakura, Ibaraki 305, Japan. EXPERTISE: Breeding; Tissue Culture. SUB INT: Inter- and intraspecific variations in tissue culture ability of Brassica crops. EDU: Univ. of the Philippines/Biology/1975-1979/B.S.; Univ. of the Philippines/Botany/1979-1983/M.S.; Osaka Univ. of Foreign Studies/Jap. Language/1983/Certificate; Univ. of Tsukuba/Plant Breeding/1984-1986/M.S.; Univ. of Tsukuba/Plant Breeding/1986-present/Ph.D. (in progress). EXP: Lecturer/ /Univ. of the Philippines; Researcher/ /Nat. Research Council of the Philippines; Instructor/ /Philippine Science High School.

**ANWAR, Rashid.** ADR: House #7, Main Rd., G-9/3, Islamabad, Pakistan. DB: 07/07/46. PB: Jullundur, India. N: Pakistani. PROF: Agricultural Scientist. TITLE: Project-In-Charge (Plant Genetic Resources). EMP: Pakistan Agrl. Res. Council. ADRE: P.O. Box 1031, Isiamabad, Pakistan. OTEL: 82005333. TLX: 5604 PARC-PAK. EXPERTISE: Breeding; Genetics; Seed production; Tissue culture. SUB INT: Plant genetic resources; Tissue culture; Plant breeding and Genetics. EDU: West Pakistan Agrl. Univ. Lyallpur/Plant Breeding/1964-1967/B.S.; Univ., Lyallpur./Plant Breeding & Genetics/1967-1969/M.S.; Univ. of Birmingham/Plant Genetic Resource/1980-1981/M.S. EXP: Assistant Research Officer/1971-1978/MMRI; Senior Scientific Officer/1978-1983/NARC; Senior Scientific Officer/1983-date/NARC.

**ARUMUGANATHAN, K.** ADR: Dept. of Pl. Breed. & Biometry, College of Agr. & Life Science, Ithaca, NY, U.S.A. HTEL: 1-(614)-594-4768. DB: 12/10/50. PB: Sri Lanka. N: Sri Lankan. PROF: Postdoctoral. EMP: Cornell Univ., Dept. of Pl. Breed. & Biometry, New York State College of Agr. & Life Sci. ADRE: Ithaca NY 14858-1902, U.S.A. EXPERTISE: Tissue culture; Molecular and Cellular Biology. SUB INT: Genetic manipulation of crop plants using cellular and molecular biological techniques. EDU: Univ. of Colombo, Sri Lanka/Botany/1971-1975/B.S.; Univ. College of Wales, Aberystwyth, U.K./Plant Breeding & Plant Tissue Culture/1981-1983/M.S.; Ohio Univ., Athens, U.S.A./Molecular and Cellular Biology/1983-present/Ph.D.

**ARUS, Pere.** ADR: N. Monturiol 183, 3, 4, 08340 Vilassar de Mar (Barcelona), Spain. DB: 29/03/50. PB: Sabadell (Barcelona) Spain. N: Spanish. PROF: Researcher. EMP: Institut de Recerca; Tecnologia Agroalimentaries. ADRE: Carretera De Cabrils S/N, 08348 Cabrils (Barcelona), Spain. OTEL: 7532511. EXPERTISE: Breeding; Genetics. SUB INT: Breeding and evolution of the genus *Brassica*. EDU: Tech. School of Valencia/Plant Science/1969-1973/Agrl. Engineer; Univ. California, Davis/Genetics/1979-1982/Ph.D. REM: Isozyme markers in breeding and genetics of various vegetable species.

**ASTLEY, David.** ADR: 10 Langfield Rd., Knowle West Midlands B93 9PN, U.K. DB: 08/01/48. PB: U.K. N: British. PROF: Genetic Resources Manager. EMP: Institute of Horticultural Research. ADRE: Wellesbourne, Warwick, CV35 9EF, U.K. OTEL: 0789-840382. EXPERTISE: Seed production; Genetic resources conservation. SUB INT: All aspects of genetic resources conservation, documentation and utilization. EDU: Lanchester Polytechnic/Biology-Geography/1968-1971/B.S.; Univ. of Birmingham/Genetic Resource Conservation/1971-1972/M.S.; Univ. of Birmingham/Biosystematics of Tuber Bearing Solanum/1972-1975/Ph.D.; Yardley Grammar School Birmingham, U.K./Advanced Level 3 subjects/1959-1966/. REM: Wide experience.

**ATRI, Gabby Ifo.** ADR: Dept. of Agrl. Biology, Univ. of Ibadan, Ibadan, Nigeria. HTEL: 400550 Ext. 1118. DB: 03/07/55. PB: Nigeria. N: Nigerian. PROF: University Lecturer. TITLE: Lecturer II. EMP: Univ. of Ibadan. ADRE: Dept. of Agrl. Biology, Ibadan, Nigeria. OTEL: 400550 Ext. 1516. TLX: GRAMS:UNIVERSITY

**IBADAN. EXPERTISE:** Cultivar trial; Plant pathology. **SUB INT:** Plant virology/ Pathology crop protection aetiology, epidemiology & control of vegetable viruses. Screening for resistance against vegetable viruses.

**AULD, Dick L. ADR:** 902 E 6th Moscow, Idaho 83843, U.S.A. **HTEL:** (208)882-7073. **DB:** 20/10/48. **PB:** Hobbs, New Mexico, U.S.A. **N:** American. **PROF:** Plant Breeder/ College Professor. **TITLE:** Professor of Plant Breeding and Genetics. **EMP:** Univ. of Idaho. **ADRE:** PSES Dept., Moscow, Idaho 83843, U.S.A. **OTEL:** (208)885-7078. **EXPERTISE:** Breeding; Cultural/management practices; Cultivar trial; Genetics; Tissue culture; Seed production; Other-F2 Hybrids. **SUB INT:** Oilseed rape and germplasm enhancement. **EDU:** New Mexico State Univ./Agronomy/1966-1970/B.S.; New Mexico State Univ./Agronomy/1972-1974/M.S.; Montana State Univ./Plant Science/1974-1976/Ph.D. **EXP:** Rapeseed and pea breeding/1976-1987/Univ. of Idaho; Infantry Soldier/1971-1972 10 months/Vietnam; Market Development/21 days 1981/ Japan, Korea, Taiwan.

**AZIZ, Fadelah Abdul. ADR:** #35, Jalan SS1/21A, 47300 Petaling Jaya, Selangor, West Malaysia. **DB:** 25/09/53. **PB:** Malaysia. **N:** Malaysian. **PROF:** Plant Pathologist/Breeder. **TITLE:** Research Officer. **EMP:** Malaysian Agr. Res. & Dev. Inst. (MARDI). **ADRE:** Jalan Kebun, P.O. Box 186, General, Post Office, 41720 Klang, Selangor, West Malaysia. **EXPERTISE:** Breeding; Genetics. **SUB INT:** Breeding & Genetics. **EDU:** Univ. Sains Malaysia/Plant Pathology/1975-1978/B.S.; Univ. Kebangsaan Malaysia/Breeding & Genetics/1984-1986/M.S. **REM:** Previously working on soybean breeding for more than 5 years before furthering a master's degree.

**BAILLARGEON, Guy. ADR:** Biosystematics Research Center, WM-Saunders Bldg., Central Experimental Farm, Ottawa K1A 0C6, Canada. **HTEL:** (613)224-9303. **DB:** 26/12/53. **PB:** Shawinigan/Canada. **N:** Canadian. **PROF:** Research Scientist. **EMP:** Agriculture Canada, Biosystematics Research Center. **ADRE:** WM-Saunders Bldg., Central Experimental Farm, Ottawa, K1A 0C6, Canada. **OTEL:** (613)996-1665. **SUB INT:** Taxonomy and systematics of Brassica and related genera. **EDU:** Free Univ. Berlin/Taxonomy/1981-1986/Dr. Re. Nat.; Laval Univ. (Quebec, Canada)/Plant Biology/1978-1981/M.S.; Laval Univ. (Quebec, Canada)/Agronomy/1974-1978/B.S. **REM:** Study of relationships between wild, weedy and cultivated economic plants; try to make taxonomic information useful to breeders. Presently working on a trip to study Brassica in China (Planned for 1989).

**BAJAJ, Krishan Lal. ADR:** 19-C Gurdev Nagar, Ludhiana 141001, India. **DB:** 08/12/38. **PB:** Nankana Sahib (Pakistan). **N:** Indian. **PROF:** Researcher. **TITLE:** Senior Biochemist (Professor). **EMP:** Punjab Agricultural University. **ADRE:** Professor & Head, Department of Vegetable Crops, Ludhiana 141004, India. **OTEL:** 22960 Ext. 370. **EXPERTISE:** Plant physiology; Biochemistry. **SUB INT:** Biochemistry of disease resistance; Quality evaluation. **EDU:** Punjab Univ., India/Basic Sciences (Chem., Phy., Math.)/1954-1958/B.S.; Kurukshetra Univ., India/Chemistry/1962-1964/M.S.; Punjab Agrl. Univ., India/Biochemistry/1967-1970/Ph.D. **EXP:** Lecturer/1964-1967/ ; Asst. Professor/1971-1976/ ; Associate Professor of Biochemistry/1976-1987/ ; Professor of Biochemistry/Senior Biochemist/1987-date/ .

**BALEN, Joep van. ADR:** Hortanova Farm, Pagulingin Bata, Lipa City, Batangas, Philippines. **DB:** 29/03/56. **PB:** Arnhem, Netherlands. **N:** Dutch. **PROF:** Plant Breeder/Technical Manager. **TITLE:** Plant Breeder/Technical Manager. **EMP:** East-West Seed Co., Inc. **ADRE:** P.O. Box 1187, Makati, Metro Manila, Philippines. **EXPERTISE:** Breeding; Seed production. **SUB INT:** Main emphasis on seed production, second on variety evaluation and breeding. **EDU:** Agricultural Univ., Wageningen, Netherlands/Plant Breeding, Trop. Crop Sci., Plant Pathology/1975-1983/M.S. **REM:** Tissue culture, Pathology, Breeding/Statistical analysis.

**BARCIKOWSKA, Barbara.** ADR: Strzelecka 28m.8, 61-846 Poznan, Poland. HTEL: 529-127. DB: 05/07/30. PB: Poznan, Poland. N: Polish. PROF: Horticulturist. EMP: Polish Academy of Sciences, Institute of Plant Genetics. ADRE: Strzeszynska 34, 60-479 Poznan, Poland. OTEL: 20-37-41. TLX: 0413749 IGR PAN. EXPERTISE: Breeding;Cultivar trial;Genetics;Seed production;Plant physiology;Tissue culture. SUB INT: Genetics and Plant breeding. EDU: Agricultural College in Poznan/Genetics and Plant breeding/1950-1956/M.S.;Agricultural College in Olsztyn/Genetics & Plant breeding/1965/Ph.D.;Agricultural College in Poznan/Genetics & Plant breeding/1978/Doc.dr hab.;Institute of Plant Breeding, Svalov, Sweden/Cytogenetics/1968 Sept.15-Dec.15/ .

**BARRY, Alan Costa-Pierce.** ADR: Lembaga Ekologi/UNPAD, Jl. Sekeloa, Bandung, Indonesia. HTEL: 022-82627. DB: 25/07/54. PB: U.S.A. N: American. PROF: Integrated Agriculture-Aquaculture Farming Systems. TITLE: Associate Scientist. EMP: ICLARM. ADRE: MCC P.O. Box 1501, Makati, Metro Manila, Philippines. EXPERTISE: Cultural practices;Others. SUB INT: Use of Chinese cabbage as additional crop in fish pond rotations. EDU: Drew Univ. NJ, U.S.A./Zoology/1972-1976/B.A.; Univ. VT, U.S.A./Zoology/1978-1980/M.S.;Univ. HI, U.S.A./Oceanography/1980-1984/Ph.D. REM: Use of vegetable crops in integrated farming systems.

**BARWAL, Raghu Nath.** ADR: Vill-Simbal, P.O. Bhullana (Palampur), India. PB: India. N: Indian. PROF: Entomologist. EMP: ICAR Research Complex for Neh Region, Bishnupur. ADRE: Division-Entomology, Shillong 793015, India. OTEL: 26505. EXPERTISE: Entomology. SUB INT: Resistance in insects to insecticides and upsets in insect populations. EDU: College of Agr. Palampur HDU-Simla/Zoology-Entomology/1967-1971/B.S.;College of Agr. PAU-Ludhiana/Entomology/1971-1973/M.S.;College of Agr. PAU-Ludhiana/Entomology/1973-1977/Ph.D.;National Academy of Agr. Res. Management/Research Management/1978 July-Sept./ARS Management. EXP:Scientist (Entomology)/10 years/ .

**BAYANGAN, Cipriano W.** ADR: Natubleng, Buguias, Benguet, Philippines. DB: 20/04/41. PB: Philippines. N: Filipino. PROF: Extensionist. TITLE: Municipal Agriculture & Food Officer. EMP: Department of Agriculture. ADRE: La Trinidad, Benguet, Philippines. EXPERTISE: Cultural practices;Seed production. SUB INT: Production of certified seed potato (white) & some vegetables. EDU: BSA/White potato production and seed potato/ /Certificate;Benguet State Univ./Seed potato/1982/Seed potato Prodn.;AVRDC, Taiwan/Vegetable Prodn./1983/ .

**BELLO, Apolonia Talbo.** DB: 10/02/29. PB: Philippines. N: Filipino. PROF: Senior Educational Researcher. EMP: Bureau of Higher Education. ADRE: Dept. of Education, Culture & Sports, Intramuros, Manila, Philippines. EXPERTISE: Breeding. SUB INT: Planting & Harvesting.

**BENOIT, Ndri Brou.** ADR: Ingenieur Agronome, 06 BP 153 Abidjan 06, Ivory Coast. HTEL: 413412. DB: 30/05/46. PB: Trianikro, Ivory Coast. N: Ivory Coast. PROF: Ingenieur Agronome Ingenieur du Genie Rural. EMP: Office Des Semences Et Plants. ADRE: Abidjan 01 BP. 7211 Abidjan 01, Ivory Coast. OTEL: 226961. TLX: 22 244. EXPERTISE: Cultural/management practices;Seed production. SUB INT: Home garden plants, soybean, rice; organization and management of production; organization and management on agricultural projects and agricultural products marketing. EDU: National C.I./Biologie, Physique Chemic/1966-1967/Certificat SPNC;Ecole Nat. Agronomie Abidjan/Agronomie Generale/1967-1968/Ingenieur Agro;E.N.G.R.E.F - Paris/Genie Rural/1969-1971/Ingenieur Du Genie Rural. REM: Study on agricultural project; planning, management and control of agricultural development program; organizing farmers for irrigated rice production; planning, accomplishment and management of agro-industrial complexes for selected seed production of rice, maize and soybean; organizing and management of a national organization on selected seeds production, control and certification.

**BHALLA, Om Parkash.** ADR: Hill View, Circular Rd., Solan, H.P. 173212, India. DE: 10/03/34. PB: Lyallpur, Pakistan. N: Indian. PROF: Univ. Professor. TITLE: Professor of Entomology. EMP: Univ. of Horticulture & Forestry. ADRE: Nauli, Solan, H.P. 173230, India. EXPERTISE: Cultivar trial; Entomology. SUB INT: Insect pest management of cruciferous crops. EDU: Punjab Agrl. College, India/ Agriculture, Agrl. Economics, Entomology/1951-1955/B.S.; Indian Agrl. Res. Inst. New Delhi, India/Entomology/1959-1961/M.S.; Univ. of Manitoba, Winnipeg, Canada/Entomology/1964-1967/Ph.D.; Cornell Univ. Ithaca, NY, U.S.A./Entomology(IPM)/1978 (Jan.-June)/Fulbright-Itays Sr. Visiting Fellowship. EXP: Professor/1984 to present/Univ. of Horticulture & Forestry; Associate Professor/1975-1984/ Himachal Pradesh Agrl. Univ.; Entomologist/1973-1975/Himachal Pradesh Univ.; Assistant Entomologist/Assistant Professor/1962-1973/Himachal Pradesh Univ.; Research Assistant/Plant Protection Assistant/1955-1962/Himachal Pradesh Department of Agriculture. REM: Experience includes teaching and research in entomology, particularly in the area of pest management. Currently teaching various graduate level courses in entomology. Work also includes advising graduate students in thesis research. Published research results in scientific journals and provided growers access to this information through Agricultural Officers and other media.

**BINNENDIJK, Cornelis M.** ADR: D. Wieringastraat 5, 1602 TJ Enkhuizen, Netherlands HTEL: 02280-14785. DB: 04/03/50. PB: Holland. N: Dutch. PROF: Plant Breeder. EMP: Enza Zaden. ADRE: P.O. Box 7, 1600 AA Enkhuizen, Netherlands. OTEL: 02280-15844. FAX: 15960. TLX: 57094. EXPERTISE: Breeding. SUB INT: Breeding of F1 hybrids of Chinese cabbage and other cole crops. EDU: Agricultural Univ. Wageningen/Plant Breeding/1976/Agricultural Engineer.

**BONGATO, Elena Palis.** ADR: San Antonio, Los Banos, Laguna, Philippines. DB: 18/08/37. PB: Los Banos, Laguna, Philippines. N: Filipino. PROF: Researcher. TITLE: Senior Plant Pathologist. EMP: Bureau of Plant Industry. ADRE: Economic Garden, Los Banos, Laguna, Philippines. EXPERTISE: Cultural practices; Seed production; Cultural management. SUB INT: Varietal evaluation and hybrid seed production. EDU: Univ. of Philippines College of Agriculture/Gen. Curr./1954-1958/B.S.; Wageningen, Netherlands/Veg. Growing Course/1979 Aug.-Nov./Certificate; AVRDC, Taiwan/2 months special training/1980 Sept.-Nov./Certificate. REM: Conduct studies on varietal evaluation for heat tolerance and adaptation for the lowland tropics.

**BORJA, Fidel Soberano.** ADR: 554 Quirino-Magsaysay Subd., Baguio City, Philippines. HTEL: 442-49-50; 442-38-80. DB: 02/04/57. PB: Calasiao, Pangasinan, Philippines. N: Filipino. PROF: Vegetable Researcher. TITLE: Science Research Specialist II. EMP: Benguet State Univ. ADRE: Highland Agriculture and Resources Res. Consortium, La Trinidad, Benguet, Philippines. OTEL: 43-22-176. EXPERTISE: Cultural/management practices; Cultivar trial. EDU: Benguet State Univ./Horticulture (Vegetables)/1983-1985/M.S.

**BOS, Luite.** ADR: Sprengerlaan 13, 6703 GA Wageningen, Netherlands. HTEL: 08370-14682. DB: 22/03/28. PB: West-Stellingwerf, Netherlands. N: Dutch. PROF: Research Virologist, Plant Pathologist. EMP: Res. Inst. for Plant Protection. ADRE: P.O. Box 9060, 6700 GW Wageningen, Netherlands. OTEL: 08370-19151. TLX: 45888 INTAS NL. EXPERTISE: Plant Pathology. SUB INT: Viruses and virus diseases of legume and vegetable crops-surveying and detection (identification and detection-diagnosis); Ecology and Epidemiology; Development of methods of control (incl. interaction with breeders). EDU: Agrl. Univ. Wageningen/Plant Pathology and Plant Breeding/1947-1953/Ir.; Agrl. Univ. Wageningen/Plant Pathology and Plant Breeding/1957/Ph.D. EXP: Student Assistant/1951-1953/Dept. Plant Taxonomy, Agrl. Univ. Wageningen; Assistant (Res. and teaching)/1953-1957/Dept. Plant Taxonomy, Agrl. Univ. Wageningen; Research Plant

Virologist/1957-present/Res. Inst. Plant Pathology Wageningen; Visiting Scientist Botany (Plant virology)/1960 (July-Oct.)/Montana State Univ., Missoula, Mont., U.S.A.

**BOTIN, Ernesto V.** ADR: PSPC, Mambusao, Capiz, Philippines. DB: 29/08/33. PB: Sta. Fe, Pilar, Capiz, Philippines. N: Filipino. PROF: Administrator, College President. TITLE: College President. EMP: Panay State Polytechnic College. ADRE: President, Mambusao, Capiz, Philippines. EXPERTISE: Cultural practices; Entomology; Plant pathology; Seed production; Extension; Education. SUB INT: Cultural practices; Entomology; Plant pathology; Seed production; Extension; Education. EDU: Univ. of the Philippines/Agronomy/1969-1972/M.S.; Univ. of the Philippines/Agrl. Education/1973-1977/Ph.D.; Univ. of the Philippines/Management/1981-1981/Program for Management Development. REM: School Administrator for 27 years.

**BOURKE, Terrence V.** ADR: P.O. Box 2263, Apia, Western Samoa. DB: 11/04/35. PB: Australia. N: Australian. PROF: Consultant/Plant Protection Advisor. EMP: Pacific Agricultural Consultancy Services Ltd. ADRE: P.O. Box 2264, Apia, Western Samoa. OTEL: Apia 21941. TLX: FIRSTPAC SX 265. EXPERTISE: Cultural practices; Cultivar trial; Entomology; Plant pathology. SUB INT: Selection of cultivars for Samoan environmental conditions; Selection of cultivars for pest/disease resistance. EDU: Sydney Univ./Agriculture/1953-1957/B.S.

**BRITAIN, Martin John.** ADR: 41 Leys Avenue, Cambridge CB4 2AN, U.K. DB: 22/01/60. PB: U.K. N: British. PROF: Vegetable Trials Officer. EMP: NIAB. ADRE: Huntingdon Rd., Cambridge, U.K. OTEL: 0223 276381. TLX: 817455 NIABG. EXPERTISE: Breeding; Cultural/management practices; Cultivar trial; Plant pathology. SUB INT: Bolting-resistant varieties; Disease-resistant varieties; Cultivars for use in the U.K.; Varieties for storage and Storage conditions. EDU: UBA. Norwich/Plant Biology/1978-1981/B.S.; Reading Univ./Crop Protection/1981-1982/M.S.; UBA/J11 Norwich/Plant Pathology/1982-1985/Ph.D. (June 1988). EXP: Cultivar Trials/From 1986/Based at Cambridge.

**BROHI, Abdulresit Resit.** DB: 01/11/42. PB: Pakistan. N: Turkish. PROF: Professor and Researcher. TITLE: Associate Professor. EMP: C.U. Tokat Ziraat Fakultesi. ADRE: Tokat/Turkey. OTEL: 5104. EXPERTISE: Plant nutrition and Soil fertility. EDU: Sind Univ. Pakistan/Agrl. Chem./1962-1968/B.S. and M.S.; Ankara Univ. Turkey/Plant Nutrition and Soil Fertility/1974-1977/Ph.D. REM: Working on plant nutrition and soil fertility problems of cereals, fruits and vegetables.

**BYUON, Dong Hae.** ADR: 50-57 Sujin-2nd Dong, Song Nam-Si, Kyoung Ki Do, Rep. of Korea. HTEL: 42-6436. DB: 09/03/57. PB: Seoul, Rep. of Korea. N: Korean. PROF: Crucifer Vegetable Breeding. TITLE: Researcher. EMP: Seoul Seed Co. (Breeding Research Station). ADRE: No Tap 4-Ri, Chang Ho Won up, Kyung Ki Do, Korea. OTEL: (0336)4-3046. FAX: (02) 277-2127. TLX: SEL SEED K-34394. EXPERTISE: Breeding; Seed production; Others. EDU: Seoul Univ./Horticulture/1976-1983/B.S.; Seoul Univ./Horticulture/1987- /M.S. EXP: Crucifer Breeding/1983/Seoul Seed Co. (Breeding Research Station).

**CADATAL, Macario Dangeloy.** ADR: 176 Balili, B.S.U., Compound, La Trinidad, Benguet, Philippines. DB: 09/04/46. PB: Tabuk, K-A, Philippines. N: Filipino. PROF: Professor. TITLE: Assistant Professor I. EMP: Benguet State Univ. ADRE: La Trinidad, Benguet, Philippines. EXPERTISE: Cultural practices; Seed production. SUB INT: Study the different cultural/management practices and techniques involving seed production of Chinese cabbage. EDU: Benguet State Univ./Agronomy/1981/M.S. REM: Conducted cultural management practices on Chinese cabbage involving distance of planting, methods of planting, insect pests control, irrigation and fertilizer application.

**CALIBO, Juanita Guevarra.** ADR: 479 Anos, Los Banos, Laguna, Philippines. DB: 24/06/54. PB: Los Banos, Laguna, Philippines. N: Filipino. PROF: Agriculturist. TITLE: Agronomist I. EMP: Bureau of Plant Industry, Economic Garden. ADRE: Department of Agriculture, Los Banos, Laguna, Philippines. OTEL: 50-285. SUB INT: Cultural/management practices, Seed production of Chinese cabbage, Agronomy, Plant Pathology & Entomology. EDU: Univ. of the Philippines at Los Banos, Laguna/Agronomy/ /B.S.; Don Gregorio Araneta Foundation Univ. College of Agriculture/Plant Pathology/1981-1982/M.S., 30 units earned. EXP: Seminar & Workshop/1981 Oct./Experimental Techniques & Statistical Analysis for Agrl. Res.; Short Course in Statistical Methods & Manuscript Writing/1983 Apr. 25-30/MIRDP/FTC Oriental Mindoro; Research Internship Training on Seed Production of Chinese cabbage/1984 Feb. 5 - July 3/AVRDC Taiwan; Training on Plant Propagation/1985 July-Sept./BPI - Eco. Garden, Los Banos, Laguna; First National Seed Promotion Training Workshop/1987 July 2-9/FAO/DANIDA BPI-Dept. of Agr.; Weed Management Seminar/1981 Sept. 11-12/NCPC, Univ. of the Philippines, College, Laguna.

**CASAS, Andres V.** ADR: Av. Saenz Pena #826, Callao-1, Peru. DB: 13/08/55. PB: Lima, Peru. N: Peruvian. PROF: Horticulturist. EMP: Univ. Nac. Agraria-La Molina. ADRE: Dept. of Horticulture, Apdo. 456, Lima, Peru. OTEL: 352035-354. EXPERTISE: Breeding; Cultural practices; Cultivar trial; Plant physiology. EDU: Univ. Nat. Agrarian/Agronomy-Horticulture/1973-1978/B.S.; AVRDC/Vegetable Course/1980-1981/Certificate; Univ. of California/Vegetable Crops/1983-1985/M.S. REM: Professor in Dept. of Horticulture from 1979 to present; Research in vegetable crops from 1979 to present, mainly in solanaceous, cucurbits and cruciferous crops.

**CASIDO, Romualdo L.** ADR: Poblacion, Anahawan So., Leyte, Philippines. DB: 10/10/56. PB: Anahawan, Philippines. N: Filipino. PROF: Agriculturist. EMP: Naser Faisal NAFA Agr. ADRE: P.O. Box 1242, AL - Khary, K.S.A. EXPERTISE: Cultural practices; Entomology. SUB INT: Plant propagation. EDU: Visayas State College of Agr./Animal Science/1974-1978/Graduated. REM: Animal husbandry & vegetable growing.

**CHACKO, Madavana John.** ADR: 73 Narayanappa Block, R.T. Nagar, Bangalore 560032, India. HTEL: Bangalore (0812)362761, India. DB: 31/07/28. PB: Kerala/India. N: Indian. PROF: Entomologist. TITLE: Entomologist-in-Charge, CIBC Indian Station. EMP: CAB International Inst. of Biological Control, Imperial College. ADRE: Silwood Park, Ascot, Berks SL5 7PY, Ascot, Berks SL5 7PY, U.K. OTEL: (0990)28426/28108, (0812)360961. TLX: 26587 (MONREF G) AND QUOTE CA U015. EXPERTISE: Entomology. SUB INT: Biological control of pests. EDU: Madras Xian College/Zoology/1947-1949/B.S.; St. Johns College, Agr./Entomology/1949-1951/M.S.; Indian Agrl. Res. Inst./Agr. Entomology/1951-1953/Assoc. IARI; Indian Agrl. Res. Inst./Insect Parasitism/1958-1961/Ph.D. REM: Studies on natural enemies of crop pests, forest pests, vegetable pests, etc.

**CHANG, Lien Chung.** ADR: No. 24-1, Alley 10, Lane 30, Dong-An Rd. East District, Tainan 70107, Taiwan, R.O.C. HTEL: (06)2384787. DB: 10/03/45. PB: Taiwan. N: Chinese. PROF: Plant Breeder. TITLE: Associate Specialist. EMP: AVRDC. ADRE: P.O. Box 42, Shanhuah, Tainan 74199, Taiwan, R.O.C. OTEL: (06)5837801. FAX: (06)5830009. TLX: 73560 AVRDC. EXPERTISE: Breeding; Cultural/management practices; Seed production. SUB INT: Plant breeding, specially of cruciferous crops and peppers; Vegetable seed production of F1 hybrid and OP cultivars. EDU: National Taiwan Univ./Agronomy/1963-1968/B.S.; National Examination for Technical Official/Agronomy/1969/Technician. EXP: Chinese cabbage and pepper breeding res. & seed multiplication/1986-present/AVRDC; Chinese cabbage breeding and seed production research/1982-present/AVRDC; Cruciferous crops breeding and seed production/1970-1982/China Seed company, Taiwan, R.O.C.; Consultation for

TOP/AVRDC on seed production of cruciferous crops/1984 Mar./Thailand; Survey of vegetable breeding and seed production/1985 Apr.- May/Japan & Rep. of Korea; Consultation for POP/AVRDC on Fl seed production of ASVEG #1 Chinese cabbage/1986 Mar./Philippines; Consultation for Chinese Agricultural Mission on seed production of vegetable crops/1986 July-Aug./Costa Rica; Survey of pepper & cruciferous crops breeding research/1986 Aug./Mexico & California, U.S.A.

**CHANG, Woo Nang.** DB: 01/05/45. PB: Taiwan N: Chinese. PROF: Professor & Researcher. TITLE: Professor. EMP: National Chung Hsing Univ. ADRE: Dept. of Horticulture, Taichung, 40227, Taiwan, R.O.C. OTEL: (04)2840340. EXPERTISE: Breeding; Cultural practices; Cultivar trials; Genetics; Seed production. EDU: Univ. of Wisconsin/Horticulture/1971-1974/Ph.D. EXP: Food Crop Agronomist/1984-/Food and Fertilizer Technology Center/ASPAC; Professor /1978/Chung Hsing Univ.

**CHIANG, You Ming.** DB: 30/08/54. PB: Taiwan, R.O.C. N: Chinese. PROF: Vegetable Breeding. TITLE: Assistant, Department of Horticulture. EMP: Taiwan Agricultural Research Institute. ADRE: 189, Chung-Cheng Rd., Wan-feng, Wu-Feng, Taichung, Taiwan, R.O.C. OTEL: (04)3302301-236. EXPERTISE: Breeding; Cultivar trial. EDU: National Chung Hsing Univ./Horticulture/1973-1976/B.S.; AVRDC/Vegetable breeding/1983-1984/Certificate.

**CHAUHAN, Yashwant Singh.** ADR: Vill. Kewai, P.O. Shah, Dist., Fatehpur (U.P.), India. DB: 08/03/45. PB: India. N: Indian. PROF: Oilseed Breeder. EMP: Vice Chancellor, N.D. Univ. of Agriculture & Tech. ADRE: Kumarganj, Faizabad 224 229 (U.P.), India. OTEL: 51. EXPERTISE: Breeding; Genetics. SUB INT: Rapeseed & mustard breeding for high yield, oil content, resistance to diseases, insect pests and quality. EDU: Kanpur Univ./Agriculture/1964-1967/B.S.; Kanpur Univ./Agrl. Botany/1967-1969/M.S.; Kanpur Univ./Genetics & Plant Breeding/1970-1976/Ph.D. REM: 15 years experience on rapeseed and mustard research and teaching. More than 50 research papers published in journals of repute.

**CHEEMA, Devinder Singh.** ADR: Dept. of Vegetable Crops, Landscaping and Floriculture, Punjab Agrl. Univ., Ludhiana Pin 141004, India. DB: 02/02/53. PB: India. N: Indian. PROF: University Service. TITLE: Assistant Vegetable Breeder. EMP: Punjab Agrl. Univ. ADRE: Asst. Vegetable Breeder, Dept. of Vegetable Crops, Landscaping and Floriculture, Ludhiana, Pin 141004, India. OTEL: 22960 Ext. 370. EXPERTISE: Breeding; Cultural/management practices. SUB INT: Conducting research work in Chinese cabbage to evolve/select varieties which are suitable under north Indian conditions. The preference in this part of India is for leaf type, which in addition may also give high seed yields. EDU: Punjab Agrl. Univ./Crop Sciences/1972-1976/B.S.; Punjab Agrl. Univ./Olericulture/1976-1979/M.S.; Univ. of Agrl. Sciences, Bangalore/Vegetable Breeding/1979-1982/Ph.D. REM: Working as assistant vegetable breeder from March 1983 to present. Currently working on tomato and Chinese cabbage. Working on the processing & disease resistance aspects of these crops.

**CHEN, Daniel.** ADR: P.O. Box 01-263, San Salvador, El Salvador HTEL: 78-1518. DB: 16/08/31. PB: Taiwan. N: El Salvador. PROF: Agricultural Engineer. EMP: Private Horticultural Business. ADRE: Farm Management, P.O. Box 01-263, San Salvador, El Salvador OTEL: 78-1518. EXPERTISE: Seed production; Variety trial. SUB INT: 20 years of experience in selecting the best varieties for the local condition, especially vegetable and floriculture. EDU: Chung Hsing Univ./Agronomy/4 years/B.S.; Univ. of Maryland/Agr. Extension and Horticulture/2 years/. REM: National Project Planning (Agriculture); Horticultural development, especially the selection of best varieties.

**CHEN, Hsiu Chu.** ADR: 4F-6, 123-5, Ta-Pei Road, Niao-Sung Village 83305, Taiwan, Kaohsiung, Taiwan, R.O.C. HTEL: (07)7318519. DB: 22/11/58. PB: R.O.C. N: Chinese. PROF: Agricultural Researcher. TITLE: Research Assistant. EMP: AVRDC

**ADRE:** P.O. Box 42, Shanhua, 74199, Tainan, Taiwan, R.O.C. **OTEL:** (06)5837801-298. **EXPERTISE:** Plant physiology;Tissue culture. **SUB INT:** Heat-tolerant physiology of Chinese cabbage. **EDU:** National Taiwan Univ./Botany /1976-1980/B.S.;National Taiwan Univ./Horticulture/1982-1984/M.S. **EXP:** Research Assistant/1981-1982/AVRDC;Research Assistant/1984-1987/AVRDC.

**CHENG, B.T.** **ADR:** 2700 Einstein, Ste-Foy, Quebec, Canada. **DB:** 20/03/34. **PB:** Taiwan, R.O.C. **N:** Canadian. **PROF:** Agronomist. **EMP:** Quebec Dept. of Agriculture. **ADRE:**2700 Einstein, Ste Foy, Que. G1P 3W8, Canada. **EXPERTISE:** Plant nutrition;. **EDU:**Laval Univ. /Soil Science/1965-1969/Ph.D.

**CHEON, Seon Jo.** **ADR:** 486 Seokte-Dong, Haewoon dae-Ku, Pusan, Rep. of Korea. **HTEL:**(051)523-5855. **DB:** 05/07/53. **PB:** Pusan, Rep. of Korea. **N:** Korean. **PROF:** Plant Breeder. **TITLE:** Researcher. **EMP:** Han Nong Seed Co., Ltd. (Research Station). **ADRE:** 733-5 Naesam-Li Juchon-Myon, Kimhae-Kun, Kyang Sang Nam Do, Rep. of Korea. **OTEL:** (0525)32-1172. **FAX:** HANONGS 02-546-5539. **TLX:** HANNPNG K22991. **EXPERTISE:** Breeding. **SUB INT:** To develop heat-tolerant cultivars; To develop disease-resistant cultivars. **EDU:** Seoul National Univ./Horticulture/1972-1976/B.A.;Seoul National Univ./Horticulture/1979-1985/M.S. **EXP:** Breeding Department/1981-1982/Horticultural Experiment Station, Pomology;Chinese Cabbage Breeding/1982-/Han Nong Seeds Co., Research Station.

**CHO, Eui Kyoo.** **ADR:** Dept. of Plant Pathology, Seodundong, Suweon, Rep. of Korea. **DB:** 09/05/44. **PB:** Seoul Korea. **N:** Korean. **PROF:** Plant Pathologist. **TITLE:** Senior Researcher. **EMP:** Department of Plant Pathology. **ADRE:** Institute of Agrl. Sci., Rural Development Adm., Suweon, Rep. of Korea. **EXPERTISE:** Plant pathology. **SUB INT:** Research on diseases of horticultural crops including hot pepper, Chinese cabbage and soybean. **EDU:** Scoul National Univ./Agr. Biology/1963-1967 /B.S.; Graduate School, Univ. of Illinois/Plant Pathology/1976-1981/M.S & Ph.D. **REM:** Research in the Department of Plant Pathology.

**CHO, Jeoung Lai.** **ADR:** Ga-dong 203, Songhack Apt., Sangdaedong, Chinju 620, Rep. of Korea. **HTEL:** 0591-52-4022. **DB:** 28/08/44. **PB:** Haman, Korea. **N:** Korean. **PROF:** Professor. **TITLE:** Assistant Professor. **EMP:** Department of Horticulture, Collge of Agriculture, Gyeongsang National Univ. **ADRE:** Chinju 620, Rep. of Korea. **OTEL:** 0591-54-8331. **EXPERTISE:** Breeding;Cultural practices;Plant physiology. **SUB INT:** Research on the physiological aspects of vegetables; Nutrition and water stress in vegetable production. **EDU:** Gyeongsang National Univ./Agronomy/1965-1972/B.S.;Gyeongsang National Univ./Horticulture/1976-1978/ M.S.;Washington State Univ./Horticulture/1978-1982/Ph.D. **EXP:** Researcher/1972-1977/Vegetable Division II, Horticultural Experiment Station;Researcher/1977-1981/Potato Research Division, Horticultural Experiment Station;Researcher/1982-1984/Department of Vegetable Breeding, Horticulture Experiment Station; Assistant Professor/1984-present/Dept. of Horticulture, Gyeongsang National Univ.

**CHO, Young Hwan.** **ADR:** Keuk-Dong Apt. 6-1002, 428 Ok-su, Seong-Dong, Seoul, Rep. of Korea. **DB:** 02/03/39. **PB:** Korea. **N:** Korean. **PROF:** Breeding of Crucifer Crops. **TITLE:** Director. **EMP:** Hung-nong Breeding and Research Station. **ADRE:** Jeong-Jung, Kangoe, Cheongwon Chungbuk 320-24, Rep. of Korea. **OTEL:** (0415)2-2717 3597. **FAX:** 82-02-555-5602. **TLX:** TOP SEED K22849. **EXPERTISE:** Breeding. **SUB INT:** Breeding. **EDU:** Dept. of Agr. S.N.U./Vegetable/1957-1963/B.S.

**CHOE, Joo Sung.** **ADR:** 69, Gamsam-Dong, So-ju, Taegu, Rep. of Korea. **DB:** 04/01/32. **PB:** Korea. **N:** Korean. **PROF:** Horticulturist. **TITLE:** Senior Researcher. **EMP:** Busan Branch Sta. Hort. Expt. Sta. **ADRE:** 20, Kang Dong-Dong, Buk-Gu, Busan, Korea. **OTEL:** 051-98-2182. **EXPERTISE:** Cuitural practices;Plant physiology. **EDU:** Kyungbuk National Univ./Horticulture (Vegetable)/1979-1981/M.S.;Kyungbuk National Univ./Horticulture (Vegetable)/1982-1985/Ph.D.



**CHGI, Seong Ho.** ADR: 16-401 Shinmaetan Apt., 2 Danji, Suwon 170, Rep. of Korea. HTEL: 0331-36-5075. DB: 15/02/55. PB: Korea. N: Korean. PROF: Plant Pathologist. EMP: Rural Development Administration. ADRE: Suwon 170, Korea. EXPERTISE: Genetics; Plant Pathology. SUB INT: Genetics of host resistance and pathogen virulence. EDU: Chungnam Nat. Univ./Agronomy/1974-1981/B.S.; Seoul Nat. Univ./Agronomy/1981-1984/M.S. REM: Varietal resistance of rice, soybean and sesame to rice bacterial blight, soybean mosaic virus and phytophthora blight disease, respectively; Genetic analysis of virulence gene in Xanthomonas campestris pv. oryzae.

**CHRISTIANSEN, Jorgen Lindskrog.** ADR: Vejlebrovej 148, 3 th, Denmark. HTEL: 02-735169. DB: 19/10/44. PB: Denmark. N: Danish. PROF: Horticulturist. TITLE: Breeding Manager. EMP: J.E. Ohlsens Enke A/S. ADRE: Roskildevej 325A, DK-2635 Taastrup, Denmark. OTEL: 02 990033. EXPERTISE: Breeding; Cultural/management practices; Cultivar trial; Seed production. SUB INT: Breeding, resistance to temperature and daylength. EDU: Royal Vet. and Agricultural Univ., Copenhagen/Horticulture & Genetics/1969-1976/M.S. & Ph.D.

**CHUNG, Dong Min.** ADR: 37-66 Whayangdong, Seongdong Ku, Seoul, Rep. of Korea. HTEL: 463-4669. DB: 25/03/33. PB: Kyungsangnamdo, Korea. N: Korean. PROF: Plant Breeder. TITLE: Manager - Breeding Plan & Seed Sales Development. EMP: Seoul Seed Co., Ltd. ADRE: 182-14 Chongro-5 Ka, Chongroku, Seoul, Rep. of Korea. OTEL: 274-6121-3. FAX: 20277.2127. TLX: SEL SEED K 34394. EXPERTISE: Breeding; Cultivar trial; Genetics; Seed production. SUB INT: Growing Chinese cabbage which has a bigger root than current one. EDU: Chinju Agrl. College/Agrl. Dept./1951-1954/; Donga Univ. Graduate School/Agrl. Dept./1967-1969/M.S.; Dongkuk Univ. Graduate School/Agrl. Dept./1970-1973/Ph.D. EXP: Manager/1957-1961/Horticultural Experiment Station; Manager/1961-/Seoul Seed Co., Ltd.

**CHUNG, Gap Chze.** ADR: 2 Dong 306 Ho, Hwa Jong 1 Dong Samik Apt., Kwang-Ju, Rep. of Korea. DB: 01/10/47. PB: Kwang-ju, Korea. N: Korean. PROF: Horticulturist. TITLE: Assistant Professor. EMP: Chonnam National Univ. ADRE: Dept. of Horticulture, College of Agriculture, Kwang-Ju, Rep. of Korea. EXPERTISE: Cultural practices; Plant physiology. SUB INT: Root and shoot interaction; Root absorption activity and its mechanism. EDU: Chonnam National Univ./Agronomy/1966-1970/B.S.; Graduate School of Chonnam National Univ./Horticulture/1973-1975/M.S.; Lincoln College, New Zealand/Horticulture/1978-1983/Ph.D.

**CHUNG, Ju-ho.** ADR: #300-5 Youngwha Dong, Suwon 170, Rep. of Korea. DB: 06/02/41. PB: Daejon, Korea. N: Korean. PROF: Public Official. TITLE: Senior Researcher. EMP: Horticultural Experiment Station, Rural Development Administration. ADRE: Imok Dong, Suwon 170, Rep. of Korea. OTEL: (0331)6-8151-5. EXPERTISE: Breeding; Plant Physiology. SUB INT: Breeding of heat-tolerant Chinese cabbage varieties; Cropping system of Chinese cabbage. EDU: Seoul National Univ./Agronomy/1959-1963/B.S.; Graduate School, SNU/Horticulture/1979-1983/M.S. EXP: Senior Researcher/1967-present/Horticultural Experiment Station.

**CITIR, Ahmet.** ADR: C.U. Ziraat Fakultesi, Lojmanlari No: A/7, Tokat, Turkey. DB: 26/11/42. PB: Yenice, Turkey. N: Turkish. PROF: Plant Pathologist. TITLE: Professor. EMP: Cumhuriyet Univ. ADRE: Ziraat Fakultesi, Tokat 60030, Turkey. OTEL: Turkey, 9-4751-1870, Turkey, 9-4751-1490. EXPERTISE: Plant pathology. SUB INT: Virus and virus-like diseases of salad and cole crops as well as Chinese cabbage. EDU: Erzurum, Turkey, Ataturk Univ./Agriculture/1963-1967/B.S. Diploma; Erzurum, Turkey Ataturk Univ./Entomology/1967-1969/Assistantship; Rutgers Univ. New Jersey, U.S.A./Plant Pathology/1970-1972/M.S. Diploma; Rutgers Univ./Plant Pathology/1972-1975/Ph.D. EXP: Full Professor /1986-present/ Cumhuriyet Univ., Tokat., Plant Pathology. REM: Wide experience.

**COHEN, Seymour Stanley.** ADR: 10 Carrot Hill Rd., Woods Hole, MA 02543, U.S.A. DB: 30/04/17. PB: U.S.A. N: American. PROF: Biochemist. TITLE: Distinguished Professor Emeritus. EMP: Retired. EXPERTISE: Plant Physiology;Tissue Culture; Virology. SUB INT: Physiology of protoplasts, Methionine utilization, Flower production, Virus multiplication. EDU: CCNY/Biol. Chem./1932-1936/B.S.;Columbia University/Biochemistry/1936-1941/Ph.D.;Rockefeller Institute/Plant Virology/1941-1942/. EXP: Professor/1943-1971/Univ. PA;Professor/1971-1976/Univ. of Colorado;Member Nat. Academy of Science, U.S.A./1976-1985/S.U.N.Y.

**COLTING, Lita Molitas.** ADR: BSU Compound, La Trinidad, Benguet 0211, Philippines. DB: 23/09/53. PB: Philippines. N: Filipino. PROF: Professor. TITLE: Asst. Professor. EMP: Benguet State Univ., La Trinidad. ADRE: Benguet 0211, Philippines. EXPERTISE: Entomology. SUB INT: Economic entomology, Crops: Crucifers, Rootcrops, Legumes (Semitemperate), and cut flowers. EDU: Univ. Phil. at Los Banos/Entomology/1969-1975/B.S.;Univ. Philippines at Los Banos/Entomology/1980-1983/M.S. REM: Teaching and research in basic and applied entomology of various semitemperate crops.

**CRISP, Peter Colin.** ADR: Glebe House, Station Rd., Reepham, Norfolk NR10 4NB, U.K. HTEL: 0603 870541. DB: 15/09/43. PB: Surrey, U.K. N: British. PROF: Plant Breeder. TITLE: Senior Vegetable Breeder. EMP: Floranova Ltd. ADRE: Norwich Rd., Foxley, Dereham, Norfolk NR20 4SS, U.K. OTEL: 036 288 622. TLX: 975655 G. EXPERTISE: Breeding;Cultivar trial;Genetics;Seed production;Tissue culture;Genetic conservation. SUB INT: General vegetable breeding, particularly of Brassicas. EDU: Univ. of London/Botany/1963-1966/B.S.; Univ. of London/Plant Evolution/1966-1969/Ph.D. REM: 1969-1986 Research Leader in Brassica Breeding; National Vegetable Research Station (Now, Institute of Horticultural Research), Wellesbourne, U.K., ca. 80 published papers.

**CRUTE, Ian Richard.** DB: 03/06/49. PB: U.K. N: British. PROF: Research Scientist. TITLE: Head, Crop Protection Dept. EMP: Institute of Horticultural Research. ADRE: East Malling, Maidstone, Kent ME19 6BJ, U.K. OTEL: 0732-843833. EXPERTISE: Genetics;Plant pathology. SUB INT: Resistance to Albugo candida, Peronospora parasitica and Plasmodiophora brassicae. EDU: Univ. of Newcastle upon Tyne/Botany/1967-1970/B.S.;Univ. of Newcastle upon Tyne/Plant pathology/1970-1973/Ph.D.

**CRUZ, Jose A.** ADR: P.O. Box 5297, UOG Station, Mangilao, 96923, Guam, USA. HTEL: 734-2668. DB: 15/02/41. PB: Guam. N: American. PROF: Soil Science. TITLE: Extension Agent III. EMP: Univ. of Guam. ADRE: College of Agr. & Life Science, Mangilao, 96923, Guam, USA. OTEL: 734-3113. EXPERTISE: Cultural practices. SUB INT: Soil fertility and Plant nutrient. EDU: Univ. of Guam/Chemistry/1972-1974/B.S.;Colorado State Univ./Soil Science/1979-1980/M.S.

**DAR, William Dollente.** ADR: BSU Compound., La Trinidad, Benguet 0211, Philippines. DB: 10/04/53. PB: Sta. Maria, I. Sur, Philippines. N: Filipino. PROF: Research Management. TITLE: Director. EMP: Bureau of Agrl. Research. ADRE: Dept. of Agr., Elliptical Rd., Diliman, Quezon City, Philippines. OTEL: 98-96-36-039. EXPERTISE: Cultural practices;Plant physiology;Seed production. SUB INT: Production systems of the highland areas of the Philippines, involving major subtropical crops like Chinese cabbage; seed production is also a major activity. EDU: Mt. State Agr. College/Agronomy/1969-1973/B.S.A.E.;Mt. State Agr. College/Agronomy/1973-1977/M.S.; Univ. of Philippines at Los Banos/Horticulture/1977-1980/Ph.D. REM: Have been involved in research on seed production and farming systems R & D to include major vegetables in the area. Also a research manager of the Highland Agricultural Research Center based at the Benguet State Univ. Vice President for R & D of BSU.

**DAUM, Paul L.** ADR: 1213 N.E. 93 St., Miami, FA 33138, U.S.A. **HTEL:** 305-757-8754. **DB:** 29/12/25. **PB:** Ohio, U.S.A., **N:** American. **PROF:** Horticulturist. **TITLE:** Hort. Tech. Sales-U.S.A., Latin America, Caribbean. **EMP:** F.C. Gloeckner Co. **ADRE:** 15 E. 26 St., New York, NY 10010, U.S.A. **EXPERTISE:** Cultural practices; Plant Physiology. **SUB INT:** Heavy on ornamentals, but in terms of culture postharvest. Fertility-pathology-entomology as required to enter into export market. U.S.A.-Europe; Pathology-Entomology as required to enter export market. **EDU:** Ohio State Univ./Horticulture/ /B.S.;Ohio State Univ./Horticulture/ /M.S. **REM:** Extensive field experience in assisting undeveloped areas establish export industries, especially of ornamental crops through sales of products.

**DAVIS, David W.** ADR: Horticultural Science Dept., Univ. of Minnesota, St. Paul, MN 55108, U.S.A. **PB:** U.S.A. **N:** American. **EMP:** Univ. of Minnesota. **ADRE:** Dept. of Horticultural Science and Landscape Architecture, 305 Alderman Hall, 1970 Folwell Avenue, St. Paul, MN 55108, U.S.A.

**DAY, Michael John.** ADR: 19 Willingham Road, Over Cambridge, CB4 5PD, U.K. **DB:** 17/03/46. **PB:** GT. Bentley, Essex, U.K. **N:** British. **PROF:** Trials Officer. **TITLE:** Head of Vegetable Trials. **EMP:** National Institute of Agricultural Botany. **ADRE:** Huntingdon Road, Cambridge CB3 0LE, U.K. **OTEL:** (0223)276381. **EXPERTISE:** Cultivar trial. **SUB INT:** Conduct variety trials on wide range of vegetables including Chinese cabbage. **EDU:** Nottingham Univ./Agriculture/1965-1969/B.S. **EXP:** Seed Production/1969-1977/ ;Trials Vegetables/1977-1987/ .

**DAYAL, Sarveshwar.** ADR: S1, I.A.R.I., Regional Station, Kulluvalley, Katrain, Pin 175 129, H.P., India. **HTEL:** 24. **DB:** 02/02/56. **PB:** Saharwan/Budaun. **N:** Indian. **PROF:** Scientist. **EMP:** President of Indian Council of Agriculture Research. **ADRE:** New Delhi-12, India. **EXPERTISE:** Breeding;Cultural/management practices;Seed production;Plant physiology. **SUB INT:** Electrical energy dissipation into plant cells and systems. **EDU:** Meerut Univ./Agriculture/1971-1976/B.S.;G.B.P. Univ. Agr. & Tech. Pavitnagar/Horticulture/1976-1981/M.S.; Haryaran Agricultural Univ. Misas/Vegetable Crops/1981-1986/Ph.D. **REM:** Screening of large cabbage germplasm for cultivation in tropical climate.

**DE LA CRUZ, C. Jose, Jr.** ADR: 258 Betag, La Trinidad, Benguet, Philippines. **HTEL:** 22-468. **DB:** 06/12/34. **PB:** Urdaneta, Pangasinan, Philippines. **N:** Filipino. **PROF:** Government Employee. **TITLE:** Provincial Agriculturist. **EMP:** Provincial Government of Benguet. **ADRE:** Capitol Building, La Trinidad, Benguet, Philippines 0211. **OTEL:** 22-301. **FAX:** 22-302. **EXPERTISE:** Cultural/management practices. **SUB INT:** Seed breeding for more vigorous seedlings; Application of fertilizers/soil conditioners. **EDU:** Univ. of the Philippines at Los Bonos/ Agronomy/1950-1954/B.S.;Taiwan, R.O.C./Farmers' Ass. Irrig./1963/Certificate; International Course in Agrl. Extension, Colombo Plan, Australia/ /1982/ Certificate. **EXP:** Provincial Agriculturist/Jan. 1975 to present/Province of Benguet;Provincial Agriculturist/1968-1975/Province of Benguet (Local Funds); Provincial Agriculturist/1964-1968/Agricultural Productivity Commission, Mountain Province; Provincial Rural Clubs Agent and Acting Provincial Agriculturist/1955-1965/Bureau of Agricultural Extension;Vocational Teacher of Agriculture/1954-1955/Bureau of Public Schools, Province of Pangasinan.

**DIAS, Joao Carlos Silva.** ADR: Quinta do Borel Lote, 57-60 Dto - 2700, Amadora, Portugal. **HTEL:** 903386. **DB:** 22/11/58. **PB:** Lisbon, Portugal. **N:** Portuguese. **PROF:** Agric. Science Engineer. **EMP:** Technical Univ. of Lisbon. **ADRE:** Hortl. e Arboricultura, Inst. Sup de Agronomia, Tapada da Ajuda, 1399 Lisboa Codex, Portugal. **OTEL:** 638161 ext. 311. **TLX:** 44700 ISATEL/P. **EXPERTISE:** Breeding; Genetics;Plant physiology. **SUB INT:** Ontogeny and breeding of Portuguese cabbage (*Brassica oleracea*. var. *costata*). **EDU:** College of Agr. (ISA)/Agrl. and Animal Sci./1977-1982/Agricultural Science Engineer;Technical Univ. of Lisbon (UTL)/

Plant Production/1983-1986/M.S. **EXP:** Graduate Assistant of Agr. and Crop Production/1982-1986/College of Agr., of Castelo Branco;Assistant of Horticulture/1987 Jan.-/College of Agr., Technical Univ. of Lisbon.

**DISSATAPORN, Orasa.** **ADR:** 169/161 Charunsanitwong Rd., Thapra, Bangkok Yai, Bangkok 10600, Thailand. **DB:** 21/04/55. **PB:** Thailand. **N:** Thai. **PROF:** Government Officer. **TITLE:** Subject Matter Specialist. **EMP:** Vegetable Section, Crop Promotion Division. **ADRE:** Dept. of Agrl. Extension, Bangkok, Bangkok 10900, Thailand. **OTEL:** 02-5793797. **EXPERTISE:** Cultural practices;Extension. **SUB INT:** Spacing and Fertilizer for Chinese cabbage, Tolerant varieties. **EDU:** Kasetsart Univ. Thailand/Horticulture/1971-1975/B.S.;Kasetsart Univ. Thailand/Horticulture/1976-1979/M.S.;AVRDC, Taiwan/Vegetable Extn./1984/Cert. on Special Purpose Training;Institute of Languages, Italy/Italian Language/1984-1985/Cert. on Italian Language; Univ. of Pisa, Italy/Vegetable/1985 (Feb.-July)/Cert. on Specialization, Course of Vegetable Crops. **BEM:** Expertise on temperate vegetables such as tomato, asparagus, Chinese cabbage and baby corn.

**DIZON, Romeo L.** **ADR:** P.O. Box 1235 MCPO, Philippines. **HTEL:** 361-2195. **DB:** 10/05/35. **PB:** Philippines. **N:** Filipino. **PROF:** Entomologist. **TITLE:** Regional Manager. **EMP:** Velsicol Chemical Corporation. **ADRE:** 4th Fl. Marcom Bldg., Buendia Ave., Makati, Philippines. **OTEL:** 815-0792. **TLX:** 22556 VCC PH. **EXPERTISE:** Entomology. **SUB INT:** Integrated Pest Management; Pesticide screening. **EDU:** Univ. of the Philippines, Los Banos/Entomology/1954-1958/B.S.;University of Hawaii/Entomology/1962-1964/M.S.;Pennsylvania State Univ./Entomology/1964-1968/Ph.D. **EXP:** Professor-Teaching & Research/1968-1971/Entomology, Univ. of the Philippines, Los Banos. **REM:** 1971-date: Field/product development of insecticides & herbicides.

**DJATNIKA, I.** **ADR:** P.O. Box 8 Sindanglaya, Cianjur 43253, West Java, Indonesia. **HTEL:** (0255)2747. **DB:** 21/05/54. **PB:** Majalengka, Indonesia. **N:** Indonesian. **PROF:** Researcher. **EMP:** Horticultural Research Inst., Segunung. **ADRE:** P.O. Box 8 Sindanglaya, Cianjur 43253, West Java, Indonesia. **OTEL:** (0255)2607. **EXPERTISE:** Plant pathology. **SUB INT:** Control of clubroot disease (*Plasmodiophora brassicae*) on Cruciferae. **EDU:** Bogor Agriculture Univ./Plant Pathology/1973-1978/Tr.;Bogor Agriculture Univ./Plant Pathology/1979-1981/M.S. **EXP:** Researcher/ Since 1978/Horticultural Research Inst. Segunung.

**DOMINGO, Alfredo Agustin.** **ADR:** 57 Poblacion West, Sta. Ignacia, Tarlac, Philippines. **DB:** 10/09/44. **PB:** Sta. Ignacia, Tarlac, Philippines. **N:** Filipino. **PROF:** Agronomist. **TITLE:** Assistant Scientist. **EMP:** International Rice Research Institute. **ADRE:** P.O. Box 933, Manila, Philippines. **TLX:** RCA 22456 IRI PH. **EXPERTISE:** Cultural practices. **SUB INT:** Cultural and management practices of growing cabbage during the rainy season. **EDU:** Central Luzon State Uni./Agronomy/1963-1966/B.S.; Gregorio Araneta Univ. Foundation/Agronomy/1968-1971/M.S. **EXP:** Technician/2 weeks/Bhutan, Training Rice Prod.;Conducted Training Needs Assessment/1 week/Kampuchea;Training Subject Matter Specialist/3 weeks/AICRIP, India;Conducted Needs Assessment & Prepare/6 months/CADTC, Burma;Rice Training Course/1 week/CADTC, Burma.

**DOSAYLA, Edgardo D.** **ADR:** Block 85 Lot 6, Lagro Subdiv. Novaliches, Quezon City, Philippines. **DB:** 19/01/39. **PR:** Philippines. **N:** Filipino. **PROF:** Agricultural Economist. **TITLE:** Asst. Staff Service Chief III. **EMP:** Department of Agriculture. **ADRE:** Diliman, Quezon City, Philippines. **SUB INT:** Marketing, socio-economics of agricultural production. **EDU:** Univ. of the Philippines at Los Banos/Agrl. Eco./1963-1968/B.S.;Cornell Univ./Marketing/1969-1970/M.S.; Cornell Univ./Agrl. Eco./1975-1979/Ph.D. **REM:** Headed the Special Studies Division, a research unit of the Dept. of Agriculture conducting studies on socio-economics, production and marketing of agricultural products.

- DULUDUL, Roberto Bumidang.** ADR: Department of Agr., Kiangon, Ifugao, Region No. 2, Philippines. DB: 28/02/48. PB: Philippines. N: Filipino. PROF: Agriculturist. TITLE: Municipal Agricultural Officer. EMP: Department of Agriculture. ADRE: Kiangon, Ifugao, Region No. 2, Philippines. EXPERTISE: Cultural practices; Seed production. SUB INT: Crop production and research. EDU: Benquet State Univ./Agronomy/1968-1971/B.S.; AVRDC, Taiwan/Crop Production/1986/Certificate. EXP: Field Technician; Research/ / .
- DURAN-ALTISENT, Jose M.** ADR: Isla Cristina, 2, 6-D Madrid 28035, Spain. HTEL: 2090755. DB: 30/11/50. PB: Preixana, Lerida, Spain. N: Spanish. PROF: Eng. Agriculture. TITLE: Professor. EMP: School of Agr., Polytechnic University of Madrid. ADRE: Dept. of Produccion vegetal, ETSI Agronomos, 28040 Madrid, Spain. OTEL: 2444807. TLX: 23780 UPMAD E. EXPERTISE: Cultural/management practices; Plant physiology; Tissue culture; Seed production. SUB INT: Tropical and/or subtropical vegetable information to introduce new crops and genotypes in Spain. EDU: ETSI Agronomos/UPM/Agronomy/1970-1975/Degree of Enginn.; ETSI Agronomos/UPM/Agronomy/1976-1980/Ph.D.; Fac. Pharmacy/U. Compl./Pharmacy/1982-1986/Degree of Licenciature; IBPGR - FAO/Seed Physioloogy/1984/Certificate. EXP: Brassica Seed Germination/3 months/Sydney, Australia; Inhibitors of Germination/1 month/Aberystwyth, Wales, U.K.; RIA & Bioassays for Inhibitors/1 month/Nice, France; Seed Germination (Crucifers)/3 months/Meudon, France. REM: Working on seed physiology and crop production.
- EARLE, Elizabeth D.** ADR: 314 Elmwood Ave., Ithaca, NY 14850, U.S.A. DB: 06/10/37. PB: Vienna, Austria. N: American. PROF: Univ. Researcher. TITLE: Professor. EMP: Cornell Univ. ADRE: Dept. of Plant Breeding, Ithaca, NY 14853-1902, U.S.A. OTEL: (607)255-3102. EXPERTISE: Genetics; Tissue culture. SUB INT: Tissue, cell and protoplast culture, especially of *Brassica oleracea* vegetables, but also of other brassicas; protoplast fusion; manipulation of organelle genomes. EDU: Harvard Univ./Biology/1960-1964/Ph.D.; Radcliffe College/Biology/1959-1960/M.A.; Swarthmore College/Zoology/1955-1959/B.A. EXP: Teaching Fellow/1961-1962/Biology Dept., Harvard Univ.; Postdoctoral Fellow/1964-1965/Dept. of Biology, Princeton Univ.; Research Associate (part-time)/1968-1969/Biology Dept., Harvard Univ.; Research Associate (Part-time)/1970-1973/Dept. of Floriculture; Lecturer/1974/Dept. of Floriculture and Ornamental Hort., Cornell Univ.; Visiting Research Associate/1974-1975/Biology Dept., Stanford Univ.; Research Associate and Senior Research Associate/1975-1979/Dept. of Plant Breeding; Associate Professor/1979-1986/Dept. of Plant Breeding; Visiting Scholar/1986 Feb.-June/Stanford Univ.; Professor/July 1986-present/Dept. of Plant Breeding.
- EDIZER, Yewliha.** ADR: Cumhuriyet Universitesi, Ziraat Fakultesi, Tokat 60030, Turkey. DB: 01/03/60. PB: Elbistan, Turkey. N: Turkish. PROF: Faculty Member, Horticulturist. TITLE: Assistant in Horticulture. EMP: Cumhuriyet Universitesi, Ziraat Fakultesi Bahce Bitkileri. ADRE: Bolumu Tokat 60030, Turkey. OTEL: Turkey 9.4751-5104. FAX: Turkey 9.4751-1490. EXPERTISE: Cultivar trial. SUB INT: Evaluation, adaptation & seed production of some cultivars of Chinese cabbage. EDU: Cukurova Uni. Fac. of Agr. Adana, Turkey/Agr. Science/1978-1983/B.S.; Cumhuriyet Uni. Fac. of Agr., Tokat, Turkey/Veg. Res./1984-1985/; Cumhuriyet Univ. Inst. of Fen Bil. Sivas, Turkey/Veg. Res./1985-1987/M.S. Diploma; Cumhuriyet Univ. Fac. of Agr. Tokat, Turkey/Veg. Res./1987-present/Experience; Ege Univ. Inst. of Fen Bil, Izmir/Turkey/Pom. Res./1987-Cont./Ph.D.
- EISSA, Mohamed Fahmy Mohamed.** ADR: 3 Maraghi St. Apt. 92., Agouza, Giza, Egypt. HTEL: 3480086 CAIRO. DB: 02/01/42. PB: Zlgazig, Egypt. N: Egyptian. PROF: Nematologist. TITLE: Professor. EMP: National Research Centre. ADRE: Dokki, Cairo, Egypt. OTEL: 701433 Ex. 333. TLX: 94022 NAREC UN. EXPERTISE: Plant pathology. SUB INT: Plant-parasitic nematodes under vegetable crops. EDU: Fac. Agr., Cairo Univ./Agriculture/1957-1961/B.S.; Fac. Agr., Cairo Univ./Agr., Zoology

and Nematology/1962-1965/M.S.;Int. Agrl. Centre (ICA), Netherlands/Nematology/1966/Dipl. IAC & U.H.;Agrl. Univ., Wageningen, Netherlands/Nematology/1966-1971/Ph.D.;N.C. State Univ., Raleigh NC, U.S.A./Nematology/1983/Int. Meloidogyne Proj. Workshop. **EXP:** Nematologist/1975-1980/Riyadh, K.S.A.;Codirector/1981-1983/ADS, USAID, Egypt;;Professor of Nematology/1982-present/Nat. Res. Centre, Egypt;Assoc. Prof./1976-1982/Nat. Res. Centre, Egypt;Researcher/1971-1976/Nat. Res. Centre, Egypt.

**ELIZONDO, Jorge M.** ADR: Barrio San Roque (frente a escuela), Juan Bta Solis, Queeada, San Carlos, Alajuela, Costa Rica. **HTEL:** 46-12-33. **DB:** 27/11/54. **PB:** San Carlos, Costa Rica. **N:** Costa Rican. **PROF:** Professor. **TITLE:** Professor of Entomology and Olericulture. **EMP:** Instituto Tecnológico de Costa Rica. **ADRE:** Sede San Carlos, Sta Clara, Costa Rica. **OTEL:** 47-50-33. **EXPERTISE:** Cultivar trial;Entomology. **SUB INT:** Interested in aspects of general cultivation and related entomological problems. **EDU:** Univ. de Costa Rica/Fitotecnia/1972-1978/Ing. Agronomo (Licenciatura);Centro Agronomico de Enseñanza-CATIE/Entomologia/1984-1986/Maestría (M.Sc.) En producción Vegetal;Instituto Tecnológico de Costa Rica/Pedagogia/1977-1978/Entrenamiento en Diseño, Ejecución y Evaluación de Instrucción. **REM:** Teaching experience of 6 years and research and extension work in tropical root and tuber crops and entomology.

**ELKENBERRY, Eric J.** ADR: 56 Lorelei Lane, Menlo Park, CA., U.S.A. **HTEL:** 415-326-6405. **DB:** 23/09/57. **PB:** San Francisco, U.S.A. **N:** American. **PROF:** Plant Biologist. **TITLE:** Senior Associate Scientist. **EMP:** Sungene Technologies Corporation. **ADRE:** 3330 Hillview Ave., Palo Alto, CA 94025, U.S.A. **OTEL:** (415)-856-3200. **EXPERTISE:** Breeding;Tissue culture. **SUB INT:** Tissue culture and gene transfer as applied to improvement of rapeseed, Brassica napus and B. juncea. **EDU:** Univ. of California at Santa Barbara/Biological Sciences/1975-1980/B.A.

**EL-WAKEEL, A.T.** ADR: 21 University Ave., Giza, Egypt. **HTEL:** 725421. **DB:** 17/02/19. **PB:** Damanhur, Egypt. **N:** Egyptian. **TITLE:** Sr. Research Scientist. **EMP:** Agrl. Res. Center, Hort. Res. Inst., Ministry of Agr. **ADRE:** 21 University Ave., Giza, Cairo, Egypt. **OTEL:** 725033. **EXPERTISE:** Breeding;Cultural practices;Cultivar trial;Genetics;Plant physiology. **SUB INT:** Horticultural crop breeding & production; General agr. development (new lands) (mainly fruit & vegetable crops). **EDU:** College of Agr., Univ. Cairo/Agr. /1936-1940/B.S. Texas A & M Univ., U.S.A./Horticulture/1948-1950/M.S.;Univ. of Calif. at Berkeley & Davis, U.S.A./Genetics/1950-1955/Ph.D.

**ERAZO, Hector Augusto Aguilar.** ADR: Colonia Tela, No. 793, Ave: Larson, La Lima, Cortes, Honduras. **DB:** 01/04/52. **PB:** Dulce Nombre de Copan. **N:** Honduran. **TITLE:** Investigador Asociado en Control de Malezas. **EMP:** Fundacion Hondurena de Investigacion Agricola (F.H.I.A.). **ADRE:** La Lima Nueva, Cortes, P.O. Box 2067, Honduras. **OTEL:** 52-2244, 52-2078. **TLX:** 8303 FHIA-HO. **EXPERTISE:** Cultural practices. **SUB INT:** Cultural practice, especially weed control. **EDU:** U.N.A.H.-Honduras/Agronomia/1973-1977/Ing. Agronomo;U. de Puerto Rico, Puerto Rico/weed Control/1983-1984/M.S.;CIMMYT/Weed Control/1984-1985/Courses. **REM:** Weed control in corn, kidney bean, soybean, vegetables, fruits, palm-tree, rice, etc.

**EVANGELISTA, Celso Lozada.** ADR: #55 Mahogany Rd., Pilar Village, Las Pinas, Metro Manila, Philippines. **DB:** 13/12/48. **PB:** Grove, Los Banos, Laguna, Philippines. **N:** Filipino. **PROF:** Agriculturist. **TITLE:** Technical Services Grp. Manager. **EMP:** Hoechst Far East Marketing Corp. **ADRE:** Agricultural Division, P.O. Box 433 MCC, Makati, Metro Manila, Philippines. **TLX:** 6 4347 HOEPhi. **EXPERTISE:** Cultural practices;Entomology;Plant pathology;Weed control. **SUB INT:** Crop protection; Fertilizer management; Development of weed control programs in vegetables. **EDU:** B.S. Agriculture/Soil Fertility & Chemistry/1965-1970/B.S.;M.S. Agriculture/Crop Protection/1974-1975/M.S. **REM:** 12 years experience in various aspects of crop protection.

**FIELD, Simon Peter.** ADR: 19 Morrah St., Parkville, Australia. HTEL: (03)3470142. DB: 16/01/57. PB: Australia. N: Australian. PROF: Agronomist. TITLE: Food Crops Consultant. EMP: Acil Australia Pty Ltd. ADRE: 50 Burwood Rd. Hawthorne 3122, Australia. OTEL: (613)8192877. TLX: AA 37640 ACIL. EXPERTISE: Cultural practices;Others. SUB INT: Identifying and implementing appropriate technology and farming systems research. EDU: Univ. of Melbourne/Agronomy/1975-1979/B.S.;Univ. of Queensland/Agronomy/1982-1983/M.S.

**FONG, Tham Wai.** ADR: 33, Jln Manisan, Tmn Bukit Indah 58200, Kuala Lumpur, Malaysia. HTEL: 03-7836029. DB: 17/06/50. PB: K. Lumpur, Malaysia. N: Malaysian. PROF: Agriculturist. TITLE: Agricultural Officer. EMP: Federal Dept. of Agriculture. ADRE: Director General of Agriculture, Jln Mahameru, Kuala Lumpur 50632, Malaysia. OTEL: 03-9586302. TLX: MA 33045. EXPERTISE: Seed production. SUB INT: Seed crop management. EDU: Univ. of Malaya/Agriculture (Plant Breeding & Seed Tech.)/1971-1974/B.S. REM: Seed production and quality control (Vegetables, cocoa and papaya).

**FRITZ, Dietrich.** ADR: Lintnerstrabe 14, D-8050 Freising, Fed. Rep. of Germany. HTEL: 08161-3481. DB: 11/01/23. PB: Stuttgart, Germany. N: German. PROF: Hort. Scientist, Univ. Teacher. TITLE: Professor. EMP: Techn. Univ. Munchen. ADRE: Faculty of Agrl., & Hortl. Sciences, Chair of Vegetable Crops Sci., D-8050 Freising-Weihestephan, Fed. Rep. Germany. OTEL: 08161-713427. EXPERTISE: Cultural practices;Cultivar trial. SUB INT: Quality problems; disease resistance; adaption to climatic conditions; NO3 content. EDU: Univ. of Hannover/Horticulture/1947-1950/Ph.D. REM: Head of Institute for 30 years.

**GABUCAN, Delia Montano.** ADR: D.A. Brgy. Bagong Silang, Babatngon, Leyte, Philippines. DB: 10/06/87. PB: Barotac Viojo, Iloilo, Philippines. N: Filipino. PROF: Agriculturist. EMP: Department of Agriculture. ADRE: Region 8, Tacloban City, Philippines. EXPERTISE: Cultural practices. EDU: Araneta University/Plant Breeding/1960-1964/B.S.;Univ. of the Philippines at Los Banos/Crop Production/1982-1983/Diploma. REM: In charge of vegetable research and plant materials production.

**GONZALES, Bayani N.** ADR: Bay, Laguna, Philippines. DB: 04/09/48. PB: Philippines. N: Filipino. PROF: Agronomist. TITLE: Research & Development Manager. EMP: Rhone Poulenc Phil., Inc. ADRE: P.O. Box 471 MCPO, Makati Metro Manila, Philippines. OTEL: 816-17-09. EXPERTISE: Cultural practices;Entomology; Plant pathology. SUB INT: Chemical control/Crop protection. EDU: Univ. of the Philippines at Los Banos/Agronomy/1964-1970/Diploma BSA.

**GONZALEZ, Enrique E.** ADR: Residencial Grau K-302, Piura, Peru. HTEL: 333469. DB: 21/04/42. PB: Paita, Peru. N: Peruvian. PROF: Agronomist. TITLE: Director. EMP: Oficina Catastro Rural. ADRE: Residencial Grau K-302, Piura, Peru. OTEL: 322171. EXPERTISE: Breeding;Cultural practices;Cultivar trial;Genetics;Others. SUB INT: Agronomy; Breeding for high yield, quality and disease resistance. EDU: Universidad Nacional Piura/Agronomy/1963-1967/Ingeniero Agronomo. EXP: / 1969-1972/Farm Administration; /1972-1974/Agricultural Extension;Director/1974-present/Oficina Catastro Rural.

**GORIN, Emile.** ADR: 107 Avenue Marcel Sembat, 91200 Athis Mons, France. HTEL: 1-60480784. DB: 25/01/41. N: French. PROF: Agronomist-Horticulturist. TITLE: President Technician. EMP: Technisem. ADRE: BP 82, 91423 Morangis, France. OTEL: 1-64487390. TLX: 603 138F. EXPERTISE: Seed production;Development. SUB INT: Seed production for distribution all over tropical area. EDU: ENSH - Versailles, France/Vegetables/1963-1966/Horticulture;ESAT - Paris/Tropical Crops/1966-1967/Tropical Agriculture. REM: Vegetables Development Expert for FAO.

**GREEN, Sylvia K.** ADR: AVRDC, P.O. Box 42, Shanhua, Tainan, Taiwan 74199, R.O.C. HTTEL: 06-5837801 Ext. 263. DB: 13/09/43. PB: Austria. N: German. PROF: Plant Virologist. TITLE: Plant Virologist. EMP: AVRDC. ADRE: P.O. Box 42, Shanhua, Tainan, Taiwan 74199, R.O.C. OTEL: 06-5837801 Ext. 295. FAX: 06-5830009. TLX: 73560 AVRDC. EXPERTISE: Plant pathology;Tissue culture. SUB INT: Viruses of sweet potato, tomato, pepper, crucifers, soybean & mungbean; Resistance screening of above crops. EDU: Univ. of Massachusetts, U.S.A./Microbiology/ /B.S.;Univ. of Calif. at Berkeley, U.S.A./Plant Pathology/1969-1971/M.S.;Univ. of Bonn, Fed. Rep. of Germany/Natural Science/1976-1980/Dr. REM: Disease surveys, strain typing, electro microscopy, serology, genetics of resistance, virus indexing and monoclonal antibodies.

**GREENHALGH, William J.** ADR: 6 Murray Rd., Cheltenham, N.S.W. 2119, Australia. DB: 26/07/33. PB: Australia. N: Australian. PROF: Horticultural Scientist. TITLE: Senior Lecturer. EMP: The Univ. of Sydney. ADRE: School of Plant Sciences, Sydney, N.S.W. 2006, Australia. OTEL: (02)692-3315, (02)692-4203. TLX: UNISYD 26169. EXPERTISE: Cultural practices;Cultivar trial. SUB INT: Demonstration to students of differences due to cultivar and nutrition (Nitrogen) on quality. EDU: Sydney Univ./Agrn./1951-1955/B.S.;Sydney Univ./Agrn./1957-1963/M.S.;Cornell Univ./Pomology/1964-1967/Ph.D.;IAC, Wageningen/Veg. Crops/1974/Completed - 3 months. EXP: Teaching/1969-present/ .

**GREGORIO, Geronimo Lozada.** ADR: Panay State Polytechnic College, Mambusao, Capiz, Philippines. DB: 06/11/47. PB: Philippines. N: Filipino. PROF: Teaching. TITLE: Associate Professor. EMP: Panay State Polytechnic College. ADRE: Mambusao, Capiz, Philippines. EXPERTISE: Cultural practices;Plant physiology; Seed production. EDU: PSPC, Philippines/Agronomy/1967-1971/B.S.;Univ. of the Philippines at Los Banos/Agronomy/1975-1977/M.S.;Univ. of the Philippines at Los Banos/Horticulture/1986-Cont./Ph.D.

**GUIBAO, Rizal/na Cocalon.** ADR: Calape, Bohol, Philippines. DB: 30/12/58. PB: Philippines. N: Filipino. PROF: Government Employee. TITLE: Economic Researcher II. EMP: Bohol Agricultural Promotion Center. ADRE: Dao, Tagbilaran City, Bohol, Philippines. EXPERTISE: Cultural/management practices. EDU: Silliman Univ./Agribusiness/1975-1980/B.S.

**GUNASENA, Herath P.M.** ADR: 27, Lane 3, Dangolla Kandy, Sri Lanka. DB: 13/01/37. PB: Ceylon. N: Sri Lankan. PROF: Univ. Professor. TITLE: Professor of Crop Science. EMP: Univ. of Peradeniya. ADRE: Peradeniya, Sri Lanka. OTEL: 88375. EXPERTISE: Cultural practices;Cultivar trial;Seed production;Agronomy. EDU: Univ. of Ceylon/Agr./1959-1962/B.S.;Univ. of Reading U.K./Crop Physiology/1966-1969/Ph.D. EXP: Service in the Faculty of Agr. /Univ. of Sri Lanka; Assistant Lecturer/1962-1963/ ;Assistant Lecturer/1963-1969/ ;Lecturer (Grade II)/1969/ ;Associate Professor/1975/Crop Science;Head/1978-1982/Dept. of Crop Science;Professor/1982/Crop Science;Dean/1982-1987/Faculty of Agr.

**HALLARD, Jacques M.** ADR: 6 Route de Chateauronard, F. 13870 Rognonas, France. HTTEL: (33)90949215. DB: 21/01/38. PB: France 41 Oucques. N: French. TITLE: Engineer C.N.A.M. EMP: Research and Development Station. ADRE: L. Clause SA, F. 13210 St Remy de Provence, France. EXPERTISE: Breeding;Genetics;Plant pathology;Tissue culture;Seed production.

**HECHANOVA, Herminio Fernandez.** ADR: Tupi Seed Farm, Bololmala, Tupi, South Cotabato, Philippines. DB: 25/04/35. PB: Dumangas, Iloilo, Philippines. N: Filipino. PROF: Agriculturist. TITLE: Station Superintendent. EMP: Tupi Seed Farm. ADRE: Dept. of Agr., Bololmala, Tupi, South Cotabato, Philippines. EXPERTISE: Cultural practices;Seed production. SUB INT: Seed production; Crop management. EDU: Mindanao Institute of Technology/Agronomy/1965 /Diploma. REM: Wide experience.



**HERBAS, Juan.** ADR: Calle Honduras, No. 063 Cochabamba, Bolivia. DB: 15/05/50. PF: Mizque - Bolivia. N: Bolivian. PROF: Agronomist. EMP: Univ. of San Simon. ADRE: Crop Production Department, P.O. Box 992, Cochabamba, Bolivia. EXPERTISE: Cultural/management practices; Plant physiology. SUB INT: Production and management of vegetable crops. EDU: San Simon Univ./Agronomy/1972-1977/ Ingeniero Agronomo; Univ. of Florida U.S.A./Agronomy/1981-1983/M.S. EXP: Researcher/1978-1980/La Jota Experimental Station; Graduate Student /1980-1983/ Agronomy Dept., Univ. of Florida, U.S.A.; Head/1983-present/Crop Production Dept., San Simon Univ.

**HERNANDEZ, Bayardo Conrado.** ADR: Empresa, Agroindustrial del Valle de Sebaco, Nicaragua. DB: 05/09/52. PB: Jinote, Carazo, Nicaragua. N: Nicaraguan. PROF: Ingeniery Agronomy. TITLE: Agronom. EMP: Empresa Agroindustrial del Valle De Sebaco. ADRE: Km 105, Carretera Norte, Sebaco-Matagalpa, Nicaragua. OTEL: 271.-. EXPERTISE: Breeding; Genetics. SUB INT: Breeding; Seed production. EDU: Esc. Nac. Agr. Agronomy/Agronomy/1971-1977/diploma. EXP: Director/ / Experimental Center for Vegetable Production; Director/ /Agriculture for Sebaco Valley.

**HIBBERD, Allen M.** ADR: P.O. Box 327, Cleveland, Queensland 4163, Australia. HTEL: (7)2865406. DB: 05/10/50. PB: Australia. N: Australian. PROF: Horticulturist. TITLE: Senior Horticulturist. EMP: Queensland Dept. Primary Industries. ADRE: P.O. Box 327, Cleveland, Queensland 4163, Australia. OTEL: (7)2861488. EXPERTISE: Cultivar trial; Plant Pathology; Management practices. SUB INT: Interaction of cultivars with pathogens and cultural conditions that produce diseases- and disorder-free heading Chinese cabbage for export. EDU: Univ. of Queensland/Genetics and Plant Breeding/1968-1971/B.S.; Univ. of Florida/ Genetics and Plant Breeding/1982-1985/Ph.D. REM: Disease resistance breeding in Capsicum; peach and plum breeding for subtropics; vegetable crop scheduling in brassicas.

**HIDAKA, Takeo.** ADR: 4046 Miyazaki-shi, Hongo-Minamikata, Miyazaki, Japan. DB: 12/04/48. PB: Miyazaki, Japan. N: Japanese. PROF: Vegetable Productionist. TITLE: JICA Expert. EMP: Agricultural Promotion Center. ADRE: P.O. Box 34 Dao, Tagbilaran City, Bohol, Philippines. OTEL: 2436. EXPERTISE: Cultural/management practices. SUB INT: Cultural improvement/testing of heat-tolerant varieties in the tropical lowland area. EDU: Faculty of Agriculture/Agr. and Agrl. Chem./ 1968-1972/B.A.; Takii Agriculture Experimental Institute/Seed Production/Cultural management/1972-1973/. REM: Vegetable production/extension in the Agriculture Experimental Farm of the Government of Nepal.

**HILL, Curtis B.** ADR: 185 Queen St., Rockwood, Ontario NOB ZKO, Canada. HTEL: 519-856-9330. DB: 18/06/53. PB: U.S.A. N: American. PROF: Plant Breeder/ Pathologist. TITLE: Senior Plant Breeder/Pathologist. EMP: Paladin Hybrids, Inc. ADRE: P.O. Box 219, Brampton, Ontario L6V 2L2, Canada. OTEL: 416-846-3983. FAX: 416-846-6509. TLX: 069-7535. EXPERTISE: Breeding; Cultivar trial; Genetics; Plant pathology. SUB INT: Development of disease-resistant, hybrid cultivars. EDU: Univ. of Wisconsin/Plant Pathology/1975-1977/B.S.; Univ. of Minnesota/Plant Pathology/1977-1980/M.S. EXP: Research Assistant/1977-1980/Univ. of Minnesota, Dept. of Plant Pathology; Assistant Researcher/1980-1987/Univ. of Wisconsin, Dept. of Plant Pathology; Senior Plant Breeder/Pathologist/1987-present/Paladin Hybrids, Inc.

**HILL, Terry R.** ADR: Box 37, Cocos (Keeling) Islands, Indian Ocean 6799, Australia. DB: 16/12/58. PB: Australia. N: Australian. PROF: Agricultural Scientist. TITLE: Horticultural Officer. EMP: Administration. ADRE: Cocos (Keeling) Islands, Indian Ocean 6799, Australia. OTEL: 0101 6722 6648. EXPERTISE: Cultural practices; Cultivar trial. SUB INT: Varietal selection and

culture; Gomasho - identification of cause and control measures. **EDU:** Western Australian University/Agriculture and Horticulture/1976-1980/B.S. **EXP:** Research and Advisory Officer/1980-1983/Western Australian Dept. of Agriculture; Research and Advisory Officer/1983-1986/Western Australian Dept. of Agriculture.

**HINATA, Kokichi.** **ADR:** Mukaiyama 2-11-44, Sendai 982, Japan. **HTEL:** 022-223-6347. **DB:** 07/03/34. **PB:** Japan. **N:** Japanese. **PROF:** Plant Breeder/Geneticist. **TITLE:** Professor of Tohoku Univ. **EMP:** Tohoku Univ. **ADRE:** Laboratory of Plant Breeding, Faculty of Agriculture, Tsutsumidori Amamiyama 1, Sendai 980, Japan. **OTEL:** 022-272-4321. **EXPERTISE:** Breeding; Genetics. **SUB INT:** Plant differentiation, Self-incompatibility and Genetic resources. **EDU:** Tokyo Univ./Plant Breeding/1953-1957/; Tokyo Univ., Post Grad./Plant Breeding/1957-1962/Ph.D. **EXP:** Visiting professor/1973/U.S.A.; Exchange professor/1978 for 2 months/Plant Breeding-Tohoku Univ.; Assistant/1962-1968/Tohoku Univ.; Assistant Professor/1968-1983/Plant Breeding-Tohoku Univ.; Professor/1983-present/Plant Breeding-Tohoku Univ.

**HO, Ban Lee.** **ADR:** 7 Lintang Pasi, 41300 Klang, Selangor, Malaysia. **DB:** 26/05/44. **PB:** Malaysia. **N:** Malaysian. **PROF:** Plant Pathologist. **TITLE:** Senior Research Scientist. **EMP:** Malaysian Agricultural Research and Development Institute (MARDI). **ADRE:** P.O. Box 186, Jalan Kebun, 41720 Klang, Selangor, Malaysia. **EXPERTISE:** Plant pathology. **EDU:** Univ. of London/Pathology/1978-1981/Ph.D. & D.I.C.; Univ. of Science/Pathology/1976-1977/M.S.; Univ. of Malaya/Agriculture/1967-1971/B.S. **EXP:** Fellowship training/1 month/AVRDC, Taiwan; Conference & Fellowships/1 month/Int. Rice Res. Inst., Philippines.

**HO, M. S.** **ADR:** 16, Lane 252 Min-Chuan Rd., Taichung, Taiwan, R.O.C. **DB:** 14/01/22. **PB:** Taiwan. **N:** Chinese. **PROF:** Professor. **TITLE:** Associate Professor. **EMP:** National Chung Hsing Univ. **ADRE:** Dept. of Horticulture, 250 Kuo-Kuan Rd., Taichung, Taiwan R.O.C. **EXPERTISE:** Cultural practices. **SUB INT:** Water culture. **EDU:** Nat. Chung-Hsing Univ./Cultivation/1951-1955/B.S.; Tokyo Agr. Univ., Japan/Culture/1977/Dr. in Agr. **EXP:** Teacher / Wu-Feng U. Agr. School; Assoc. Professor//Nat. Chung-Hsing Univ.; Extension Director / PFA.

**HO, Wang Ching.** **ADR:** National Pingtung Inst. of Agr., Nei Pu Hsiang, Pingtung Hsien 91207, Taiwan, R.O.C. **HTEL:** (08)7231315. **DB:** 12/05/47. **PB:** Taipei, Taiwan. **N:** Chinese. **TITLE:** Professor. **EMP:** National Pingtung Institute of Agriculture. **ADRE:** Dept. of Plant Protection, Men-Sheng East Road, Pingtung 91207, Taiwan, R.O.C. **OTEL:** (08)7228041-50,51. **EXPERTISE:** Plant pathology; Seed production. **SUB INT:** Biological and chemical control of plant diseases, plant disease resistance, soil- and seed-borne diseases. **EDU:** National Chung Hsing Univ./Plant Pathology/1966-1970/B.S.; National Chung Hsing Univ./Plant Pathology/1970-1972/M.S.; Univ. of Hawaii/Plant Pathology/1976-1980/Ph.D. **EXP:** Professor/1986-present/National Pingtung Institute of Agriculture; Associate Researcher & Head of Dept. of Seed Quality Control/1981-1986/Taiwan Seed Service; Postdoctoral Research/1980-1981/Univ. of Hawaii; Research Assistant/1973-1976/AVRDC.

**HODGKIN, Toby.** **ADR:** 12 Ogilvy St., Tayport, Fife DD6 9NP, U.K. **HTEL:** 0382 553707. **DB:** 16/05/46. **PB:** Oxford, U.K. **N:** British. **PROF:** Plant Breeder/Geneticist. **EMP:** Scottish Crop Research Institute. **ADRE:** Invergowrie, Dundee DD2 5DA, U.K. **OTEL:** 0382 562731. **EXPERTISE:** Breeding; Genetics; Tissue culture; Seed production. **SUB INT:** Genetics of brassicas *in vitro* selection, Reproductive biology. **EDU:** Newcastle Univ./Botany and Genetics/1965-1968/B.S.; Dundee Univ./Incompatibility in brassicas/1970-1975/Ph.D.

**HONMA, Shigemi.** **ADR:** 1069 Daisy Lane, E. Lansing, MI 48823, U.S.A. **HTEL:** 517-337-0466. **DB:** 14/02/20. **PB:** U.S.A. **N:** American. **TITLE:** Professor Emeritus.

- EMP:** Michigan State Univ. **ADRE:** Dept. of Horticulture, E. Lansing, MI 48824, U.S.A. **OTEL:** 517-355-5187. **EXPERTISE:** Breeding;Cultivar trial;Genetics;Seed production. **SUB INT:** Interspecific hybridization; Bolting resistance. **EDU:** Cornell Univ./Botany/1945-1949/B.S.;Univ. of Minnesota/Horticulture/1959-1953/Ph.D. / / . **REM:** 30 years of research in vegetables.
- HOOP, Simon Jan de.** **ADR:** 86/12 Soi Sailom, Suthep Road, Chiang Mai, Thailand. **DB:** 13/02/60. **PB:** Tiel, Netherlands. **N:** Dutch. **PROF:** Plant Breeder. **TITLE:** Research Station Manager. **EMP:** East-West Seed Company, Ltd. **ADRE:** 145 Charoen Muang Road, Nong Pratheep, Chiang Mai 50000, Thailand. **OTEL:** (053)-242911. **TLX:** 82792 ADAMINT TH. **EXPERTISE:** Breeding;Cultural practices;Cultivar trial; Entomology;Genetics;Plant pathology;Seed production. **SUB INT:** Developing varieties for Thai market. **EDU:** Agricultural Univ., Wageningen, Netherlands/Plant Breeding, Plant Pathology/1978-1984/B.S. & M.S. **EXP:** Grain Legume Project/1982/Thika, Kenya;Breeding for dry beans/1983/Ysselmeer Polders Development Authority, Netherlands; Plant Pathology Goldsmith Seeds/1984/Gilroy, California, U.S.A.;Breeding of Vegetable Crops/1984-present/East-West Seed Co., Thailand.
- HSIAO, Chi Hsiung.** **ADR:** #6, Lane 143, Chung-Shang Rd., Taichung, Taiwan, R.O.C. **HTEL:** 04-2929118. **DB:** 18/11/42. **PB:** Taiwan. **N:** Chinese. **PROF:** Government Employee. **TITLE:** Head and Senior Horticulturist. **EMP:** Taiwan Agricultural Research Institute (TARI). **ADRE:** 189, Chung-Chen Rd., Wu-Feng, Taichung 41301, Taiwan, R.O.C. **OTEL:** 04-3399544. **EXPERTISE:** Breeding;Cultivar trial;Genetics; Seed production. **SUB INT:** Breeding for disease resistance; Self-incompatibility studies; Seed production; Breeding for heat tolerance. **EDU:** National Taiwan Univ./Horticulture/1965-1969/B.S.;National Taiwan Univ./Vegetable Crops/1969-1971/M.S.;Cornell Univ. U.S.A./Plant Breeding/1978-1981/Ph.D. **EXP:** Head/1987-present/TARI;Senior Horticulturist/1986-1987/TARI;Horticulturist/1981-1986/TARI; Chief, Vegetable Section/1975-1981/TARI;Horticulturist/1971-1975/Taiwan Seed Service.
- IQBAL, Muhammad.** **ADR:** 23 G Model Town, Lahore, Pakistan. **HTEL:** (042)854259. **DB:** 03/08/32. **PB:** India. **N:** Pakistani. **PROF:** Agr. Civil Service. **TITLE:** Director (Planning). **EMP:** Pakistan Agrl. Research Council. **ADRE:** P.O. Box 1031, Islamabad, Pakistan. **OTEL:** (051)823577. **TLX:** 5604 PARC PK. **EXPERTISE:** Seed production;Water management. **SUB INT:** Irrigation system management & crop water use. **EDU:** Univ. Panjab/Agr./1948-1952/B.S.;Univ. Illinois/Agronomy/1955-1959/M.S. and Ph.D. **REM:** 35 years of research, research management, development, planning, teaching, etc. Over 150 publications, Over 50 contributions in reports, etc.
- ISHIZUKA, Yoshiaki.** **ADR:** 3-Jo, 4-Chome, Kotoni, Nishi-Ku, Sapporo 063, Japan. **DB:** 14/03/07. **PB:** Tokyo, Japan. **N:** Japanese. **TITLE:** Professor Emeritus. **ADRE:** 3-Jo, 4 Chome, Kotoni, Nishiku, Sapporo 063, Japan. **EXPERTISE:** Cultural practices;Plant physiology.
- JAIN, Shri Mohan.** **ADR:** 702 San Saba, College Station, TX 77840, U.S.A. **DB:** 05/12/49. **PB:** Hilwari, India. **N:** Indian. **PROF:** Research Scientist. **EMP:** Texas A & M Univ. **ADRE:** Department of Forest Science, College Station, TX 77843, U.S.A. **OTEL:** 409-845-5004. **EXPERTISE:** Genetics;Tissue culture;Gene transfer. **SUB INT:** Tissue culture-haploid induction, somatic cell fusion, mutation, protoplasts, genetic transformation-gene transfer technology. **EDU:** Haryana Agrl. Univ. Hissar, India/Genetics and Breeding/1966-1970/B.S. (Agrn.);G.B. Pant Univ. Tech. & Agr. Pantnagar, Nainital, India/Genetics/1970-1972/M.S. (Agrn.); Jawaharlal Nehru Univ., New Delhi/Life Sci./1972-1973/M.Phil.;Jawaharlal Nehru Univ., New Delhi/Tissue culture/1973-1978/Ph.D. **REM:** Main experience in the use of plant tissue culture in agriculture, especially in the area of herbicide resistance, disease resistance, yield, oil content, flowering time, etc.

**JAMES, Watt Michael.** ADR: UNDP-Sierra Leone, c/o UNDP, One UN Plaza, New York, NY 10017, U.S.A. HTEL: (Freetown) 24313. DB: 08/01/38. PB: Sydney, Australia. N: Australian. PROF: Entomologist. EMP: FAO. ADRE: Via Delle Terme di Caracalla, Rome 00100, Italy. OTEL: 57971. FAX: 5146172 (GR.11/111). TLX: 610181 FAO I. EXPERTISE: Entomology;Project formulation/management. SUB INT: Plant protection; IPM; Project management. EDU: Sydney Univ./Entomology/1954-1958/B.S. REM: Wide experience.

**JANOWSKA, Mitostawa.** DB: 21/03/39. PB: Znin, Poland. N: Polish. PROF: Biologist, Researcher. EMP: Polish Academy of Sciences, Institute of Plant Genetics. ADRE: Strzeszynska 34, 60-479 Poznan, Poland. OTEL: 20-37-41. TLX: 0413749 IGR PAN. EXPERTISE: Breeding;Cultivar trial;Genetics. SUB INT: Cytogenetics, Plant breeding. EDU: Adam Mickiewicz Univ./Biology/1958-1963/M.S.;Agricultural College in Poznan/Genetics and Plant Breeding/1972/Ph.D.;Institut National de la Recherches Agronomique, Versailles, France/Cytogenetics/1978 Jan.-Nov./ .

**JANULUK, Kanobdee.** ADR: P.O. Box 89, Amphur Mueng, Lampang, Amphur Mueng, Lampang 52000, Thailand. HTEL: (054)218570. DB: 16/01/60. PB: Thailand. N: Thai. PROF: Official. EMP: Agriculture Research and Training Center. ADRE: P.O. Box 89, Amphur Mueng, Lampang 52000, Thailand. OTEL: (054)218570. EXPERTISE: Breeding. SUB INT: Breeding for heat tolerance; Breeding for disease, insect and environment resistance. EDU: Kasetsart Univ./Horticulture/1977-1980/B.S.; Kasetsart Univ./Horticulture (Breeding)/1982-1984/M.S.;AVRDC/Chinese Cabbage and Tomato/1980/Certificate. EXP: Technician/1980-1984/Private Seed Company; Government Officer/1985-present/Agriculture Research and Training Center.

**JAYAMANGKALA, Nipon.** ADR: Maejo Inst. of Agrl. Tech., Chiang Mai 50290, Thailand. DB: 25/03/47. PB: Phayao, Thailand. N: Thai. PROF: Lecturer, Researcher. TITLE: Asst. Prof. & Head, Div. of Veg. Tech. EMP: Maejo Inst. of Agrl. Tech. ADRE: Chiang Mai 50290, Thailand. OTEL: (053)244858-9 Ext. 150. EXPERTISE: Cultural practices;Seed production. SUB INT: Varietal trial, Seedling production; Fertilizer; Vernalization; Seed production. EDU: Central Luzon State Univ./Horticulture/1971-1974/M.S.;Nueva Ecija, Philippines/Soil Science/1969-1971/B.S.;Tsukuba International /Vegetable Crops/1982/Certificate;Massey Univ. New Zealand/Seed Technology/1980/Certificate. REM: Teaching and research on Chinese cabbage cultural practices and seed production since 1977.

**JOHN, Olanrewaju Joseph.** ADR: 45, Omololu Rd., Via Benson Rd./Randle Avenue, Obele Odan, Lagos, Nigeria. DB: 25/05/51. PB: Lagos, Nigeria. N: Nigerian. PROF: Agriculturist. TITLE: Instructor. EMP: N.A.F.R.C. ADRE: 45, Omololu Rd., Obele Odan, Lagos, Nigeria. EXPERTISE: Breeding;Cultural practices;Genetics;Seed production. SUB INT: Crop production for increased yield. EDU: Lagos State Adult Education, Lagos/Construction Tech./1972-1974/Certificate;Farm Center/Farm Management/1975-1979/Farm Mang. Cert. REM: Crop production and livestock management.

**JONGEBLOED, Max Charles.** ADR: G.P.O. Box 461, Adelaide, South Australia 5001, Australia. DB: 02/01/45. PB: Australia. N: Australian. PROF: Agricultural Seed Production. TITLE: Assistant General Manager. EMP: South Australian Seed Growers Cooperative Ltd. ADRE: G.P.O. Box 461, Adelaide, South Australia 5001, Australia. OTEL: (08)516675. TLX: 82986. EXPERTISE: Cultural practices;Seed production. SUB INT: Seed production techniques. EDU: West Australia Technical Education/Agr./1963-1972/Certificate. REM: Control vegetable seed production in Australia since 1976.

**JOROLAN, Alexander Trumata.** ADR: 342, Old Sawmill, Baclay, Tukuran, Zamboanga del sur 7823, Philippines. DB: 11/08/56. PB: Baclay, Tukuran, Zamboanga del Sur, Philippines. N: Filipino. PROF: Agricultural

Engineering. **TITLE:** Agricultural Engineer. **EMP:** Ministry of Agriculture. **ADRE:** Dept. of Agr. and Fisheries, 342 Old Sawmill, Baclay, Philippines. **EXPERTISE:** Breeding; Cultural practices; Cultivar trial; Entomology; Genetics; Plant physiology; Plant pathology; Tissue culture; Seed production; Others. **SUB INT:** Entomology. **EDU:** Mindanao State Univ./College Agr. Engineer/1975-1980/Graduate.

**JOSHI, Subodh.** **ADR:** I.A.R.I., Regional Station Katrain, (Kullu) H.P. 175129, India. **DB:** 24/06/50. **PB:** Almora India. **N:** Indian. **TITLE:** Scientist, S-2. **EMP:** I. A.R.I. Regional Station Katrain. **ADRE:** Kullu Valley, H.P. 175129, India. **OTEL:** 24 KTN. **EXPERTISE:** Breeding; Cultivar trial; Genetics; Seed production; Cultural practices. **SUB INT:** Crop improvement in cole crops (Brassica oleracea), Chinese cabbage, paprika (Capsicum spp.), eggplant, tomato, cucurbits and leafy vegetables. **EDU:** Intermediate/Biology/1964-1966/Certificate; B.S./Biology/1966-1968/B.S.; M.S./Botany/1968-1970/M.S.; /Plant Breed. & Cy.Gen./1974/Certificate; Veg. Breed. & Production Tech. Course/ /1975/ ; Ph.D./Botany/1983/Ph.D. **REM:** Seventeen years of active research in vegetable improvement mainly in temperate and subtropical crops and their seed production. Developed varieties/hybrids in Capsicum, cabbage, cauliflower, "brinjal", tomato and cucurbits; some are released.

**JOZSEF, Pillar.** **ADR:** 6600 Szentes Kossuth, u. 17. III/17, Hungary. **DB:** 07/05/48. **PB:** Kondoros, Hungary. **N:** Hungarian. **PROF:** Researcher. **EMP:** Research Institute, Seed Production and Trading Company. **ADRE:** H-6601, Szentes, P.O. Box 41, Hungary. **OTEL:** 445. **TLX:** 82392. **EXPERTISE:** Breeding; Cultivar trial; Genetics; Plant physiology; Plant pathology; Tissue culture; Seed production. **EDU:** Budapest Kerteszeti ES Elelmi-Szeripari Egyetem/Vegetable production/1970-1974/Garden Engineer.

**JUANG, Tzo Chuan.** **ADR:** Nat. Chung Hsing Univ., 250 Kuo-Kuang Rd., Taichung, Taiwan, R.O.C. **DB:** 09/11/31. **PB:** Checkiang, China. **N:** Chinese. **PROF:** Professor & Researcher. **TITLE:** Professor. **EMP:** Nat. Chung Hsing Univ. **ADRE:** Dept. of Soil Science, 250 Kuo-Kuang Rd., Taichung, Taiwan, R.O.C. **OTEL:** 04-2873181 Ext. 375. **EXPERTISE:** Cultural practices. **SUB INT:** Soil & fertilizer management; Plant nutrition. **EDU:** Univ. of Hawaii, U.S.A./Soil Science/1968-1971/Ph.D. **EXP:** Soil Scientist, Dept. Head/1957-1976/Taiwan Sugar Research Institute; Professor, Dept. Head/1976-/Nat. Chung Hsing Univ.; Director/1982-1986/Food & Fertilizer Tech. Center for Asian & Pacific Region.

**KARA, Zeki.** **ADR:** Cumhuriyet Univ., Ziraat Fakultesi, Tokat 60030, Turkey. **DB:** 01/07/59. **PB:** Tarsus, Turkey. **N:** Turkish. **PROF:** Faculty Member, Horticulturalist. **TITLE:** Assistant in Horticulture. **EMP:** Cumhuriyet Univ., Ziraat Fakultesi. **ADRE:** Arastirma Gorevlisi, Tokat 60030, Turkey. **OTEL:** Turkey 9.4751-5104, Turkey 9.4751-1490. **EXPERTISE:** Cultivar trial. **SUB INT:** Evaluation, adaptation and seed production of same cultivars of Chinese cabbage. **EDU:** Cukurova Univ., Fac. Agr. Turkey/Agr. Science/1977-1982/B.S.; Cukurova Univ. Inst. of Fen Bil. TR/Hort.Sc./3-1983-1985/M.S.; Ankara Univ. Inst. of Fen Bil. Turkey/Viticulture/1986-Cont./Ph.D. **EXP:** Ataturk Hort. Res. Inst., Yalova./Turkey/Pomology Res./1982-1983; Ataturk Hort. Res. Inst., Yalova, Turkey/Pomology Res./1985-1986; Cumhuriyet Univ., Fac. of Agr., Tokat Turkey./Vegetable Res./1986-present.

**KARIKARI, Simon Kwame.** **ADR:** Ahmadu Bello Univ., Dept. of Agronomy, PMB 1044, Zaria, Nigeria. **DB:** 12/12/44. **PB:** Pramso, Ghana. **N:** Ghanaian. **PROF:** Agriculturist. **EMP:** Ahmadu Bello Univ. **ADRE:** Zaria, Nigeria. **EXPERTISE:** Cultural practices. **SUB INT:** Agronomy and Horticulture. **EDU:** Univ. of Ghana/Agronomy and Horticulture/1964-1969/B.S. & M.S. **EXP:** Teaching and research experience/21 years/Univs. of Ghana and Nigeria.

**KATSUKI, Toshitaka.** ADR: Rinkaicho 1-3-6-306, Edogawa-ku Tokyo 134, Japan. DB: 27/12/52. PB: Japan. N: Japanese. PROF: National Public Servant. TITLE: Research Official. EMP: National Res. Inst. of Agrl. Economy. Ministry of Agr., Forestry and Fisheries. ADRE: 2-1 Nishigahara 2-Chome, Kita-Ku, Tokyo, Japan. OTEL: 03(910)3946. EXPERTISE: Agrl. Econ. SUB INT: Identify vegetable production problems. EDU: Univ. of Utsunomiya/Agrl. Economics/1971-1975/B.S.; Univ. of Utsunomiya/Agrl. Economics/1975-1977/M.S. EXP: Investigation of production-marketing system of vegetables and fruits/1984 Dec./Rep. of Korea.

**KAVULUTLAYYA, M.Ch.** DB: 09/02/19. PB: Nednnoor, India. N: Indian. PROF: Planter. TITLE: Plantation Officer (Research). EMP: Sun Paper Mill Limited. ADRE: Plantation Research Office, Cheranmahadevi 627414, Tirunelveli Kattabomman Dist., India. OTEL: 66. TLX: 443-226 SUN-IN. EXPERTISE: Entomology; Plant pathology; Seed production. SUB INT: Pulp and paper yielding plants, medicinal plants & essential oils. EDU: Madras Agrl. College/Agr./1938-1940/ Degree in Agr. REM: Experience for 35 years in cirechina, medicinal plants and essential oils. Experience for 6 years in paper & pulp plants.

**KELLY, Murry John.** ADR: 8 Lyttelton St., Lincoln, Canterbury, New Zealand. HTEL: (03)252-032. DB: 11/08/53. PB: New Zealand. N: New Zealander. PROF: Research Agronomist. TITLE: Manager, Research Station. EMP: Pyne, Gould, Guinness Ltd. ADRE: P.O. Box 112, Christchurch, New Zealand. OTEL: (03)495-512. FAX: (03)793-771. TLX: N2 4460. EXPERTISE: Cultural/management practices; Cultivar trial; Seed production. SUB INT: Use of Brassica species and varieties in animal grazing systems. Seed production methods of same. EDU: Univ. of Canterbury/Botany/1972-1975/B.S. EXP: Agronomist, Crop Research/11 years/ "Ceres" Research Station.

**KEMBLE, Roger John.** ADR: RR#1, Inglewood, Ontario LON 1K0, Canada. HTEL: (416)584-9333. DB: 19/06/51. PB: Taunton, U.K.. N: British & Canadian. PROF: Research Scientist. TITLE: Group Leader. EMP: Allelix Inc. ADRE: 6850 Goreway Drive, Mississauga, Ontario L4V 1P1, Canada. OTEL: (416)677-0831. FAX: (416)677-9595. TLX: 06-968036. EXPERTISE: Genetics; Tissue culture; Molecular biology. SUB INT: Protoplast fusion to substitute alien mitochondria and chloroplasts; MtDNA and CpDNA molecular transformation via direct gene delivery & agrobacterium. EDU: N.E. London Polytechnic/Applied Biology/1969-1973/B.S. (Hons); Univ. London, Kings College/Plant Biochem./1973-1976/Ph.D. EXP: Senior Research Scientist and Leader of Plant Molecular Biology Section/1983-present/Allelix Inc. Canada; Assistant Professor (Molecular Geneticist)/1982-1983/Kansas State Univ., U.S.A.; Adjunct Postdoctoral Associate/1980-1981/Univ. of Florida, U.S.A.; Consultant/1979-1980/Cambridge, England; Rank Prize Fund Postdoctoral Fellow/1976-1979/Cambridge, England.

**KEMPLER, Chaim.** ADR: 46222 Christina Dr., Sardis, B.C. V2R 2B6, Canada. HTEL: (604)858-5299. DB: 26/02/46. PB: U.S.S.R. N: Canadian. PROF: Horticulturist. TITLE: Vegetable/Special Crops Physiologist. EMP: Research Station. ADRE: P.O. Box 1000, Agassiz, B.C. V0M 1A0, Canada. EXPERTISE: Plant physiology. SUB INT: Work on: Soilless media for greenhouse production, NFT, Fruit set and fruit growth. Tipburn in lettuce (M.Sc. Work). Speciality & exotic fruits. EDU: The Hebrew Univ. of Jerusalem, Israel/Field Crops (Vegetable/Flori.)/1968-1972/B.S.; Univ. of Guelph, Ont., Canada/Horticulture and Plant Nutrition/1982-1984/M.S.

**XHAMIAM, Somkiat.** ADR: 3 Ngor Chinkhed, Bangkhen, Bangkok, Thailand. DB: 19/02/48. PB: Singburi, Thailand. N: Thai. PROF: Government Official. TITLE: Soil Scientist. EMP: Soil Science Division, Dept. of Agr. Bangkhen. ADRE: Bangkok 10900, Thailand. OTEL: 579-6512. EXPERTISE: Cultural practices. SUB INT: Soil and fertilizers of vegetable crops. EDU: Kasetsart Univ./Soil Science/1966-1969/B.S.

**KHUMBOO, Mattanee.** ADR: Ratchaburi Agr. College, Ratchaburi 70120, Thailand. DB: 17/04/48. PB: Surattani, Thailand. N: Thai. PROF: Teacher. EXPERTISE: Cultural practices;Seed production.

**KIM, Byoung Woon.** ADR: 92-40, Yangrim Dong, Seo Gu, Kwangju City 500, Rep. of Korea. DB: 10/07/50. PB: Chungnam, Rep. of Korea. N: Korean. PROF: Horticulturist/Plant Physiologist. TITLE: Assistant Professor. EMP: Mokpo National Univ. ADRE: Dept. of Hort. Breeding, Chongye, Muan-gun, Chonnam 580-41, Rep. of Korea. OTEL: (0636)52-4774-80. EXPERTISE: Cultivar trial;Plant physiology; Seed production. SUB INT: Vegetable seed production. EDU: Seoul National Univ./Horticulture/1969-1973/B.S.;Seoul National Univ./Horticulture/1976-1977/M.S.; Seoul National Univ./Horticulture/1978-1986/Ph.D. EXP: Vegetable seed inspection/1978-1982/Horticultural Experiment Station.

**KIM, Jae Y.** ADR: 209-27 Junnongdong, Dongdaemoon Ku, Seoul, Rep. of Korea. HTEL: 212-1755. DB: 16/11/45. PB: Korea. N: Korean. PROF: Professor. TITLE: Associate Professor. EMP: Kunkuk Univ. ADRE: Dept. of Horticulture, Chung Ju Campus, Chung Ju, Chung Chong Buk do, Rep. of Korea. OTEL: 0441-42-1881. EXPERTISE: Plant physiology. EDU: Seoul Municipal Agri. College/Dept. of Horticulture/1964-1968;/Mississippi State Univ./Vegetable Science/1976-1978/M.S.;Mississippi State Univ./Vegetable Science/1979-1981/Ph.D.

**KIM, Kyung Je.** ADR:913-26 Bang Bae-Dong, Kangnam-Ku Seoul, Rep. of Korea. DB: 08/11/38. PB: Korea. N: Korean. PROF: Professor. TITLE: Director of Agr. Expt. Sta. EMP: Dongguk Univ. ADRE: 26-3 Pildong Jung-Ku, Seoul, Rep. of Korea. OTEL: 267-8131-9. EXPERTISE: Breeding;Genetics;Seed production. SUB INT: Breeding studies of low fermentable sugar content varieties of Chinese cabbage for prolonged storage of kimchi. EDU: Dongguk Univ./Horticulture/1960-1964/B.S.; Dongguk Univ./Vegetable Crops/1964-1966/M.S.;Dongguk Univ./Vegetable Crops/1973-1976/Ph.D. REM: Researcher, Vegetable Breeding Dept., Horticultural Experiment Station, Office of Rural Development, Rep. of Korea.

**KIM, Zoo Hyeon.** ADR: Chilamdong 211-29, Chinju 620, Rep. of Korea. HTEL: 0591-52-6793. DB: 24/10/48. PB: Milyang/Rep. of Korea. N: Korean. PROF: Professor. TITLE: Instructor. EMP: Gyeongsang National Univ. ADRE: Dept. of Horticulture, College of Agr., Chinju 620, Rep. of Korea. OTEL: 0591-54-8331. EXPERTISE: Breeding;Genetics;Seed production. SUB INT: Heterosis, cold & heat tolerance, inheritance. EDU: Busan Commercial High School/ /1964-1967/ ;Chinju Agr. College/Agronomy/1967-1971/B.S.;Gyeongsang Nat. Univ. Graduate School/Agronomy/1978-1980/M.S.;Choongnam Nat. Univ. Graduate School/Horticulture/1982-1985/ Courses for Ph.D. EXP: Junior Researcher/1971-1976/Experimental Bureau of Gyeongnam Province, Office of Rural Dev., Rep. of Korea;Junior Researcher/1976-1978/Yeongnam Crop Experimental Station, Office of Rural Dev., Rep. of Korea.

**KOBAYASHI, Yukihiro.** ADR: 318-3 Mariyatsu, Kisarazu-shi, Chiba-ken, Japan. DB: 20/08/47. PB: Japan. N: Japanese. PROF: Plant Breeder. EMP: Sakata Seed Corporation, Kimitsu Breeding Station. ADRE: 358, Uchikoshi, Sodegaura-machi, Kimitsu-gun, Chiba-ken 292-01, Japan. OTEL: 0438-75-2681. FAX: 0438-75-7276. EXPERTISE: Breeding. SUB INT: Breeding of Commercial Varieties. EDU: Tokyo Kyoiku Univ./Plant Breeding/ /M.S. REM: Worked for seed company over 14 years.

**KOJIMA, Ryoichi.** DB: 30/10/46. PB: Japan. N: Japanese. PROF: Breeder. TITLE: General Manager Research. EMP: Sakata Seed America Inc. ADRE: P.O. Box 6007, Salinas, CA 93912, U.S.A. OTEL: 408-758-0505. FAX: 408-758-0908. EXPERTISE: Breeding;Cultivar trial;Seed production. SUB INT: Breeding all brassica crops.

**KOLTE, Sharadchandra Jagannath.** ADR: Q. No.: V/1394, Post: Pantnagar (Nainital), 263145, Uttar Pradesh, India. DB: 17/09/44. PB: Narwel, India. N: Indian.

**PROF:** Researcher and Professor. **TITLE:** Senior Research Officer. **EMP:** G.B. Pant Univ. of Agr. & Tech. **ADRE:** Dept. of Plant Pathology, Pantnagar 263145, Dist. Nainital (U.P.), India. **EXPERTISE:** Plant pathology. **SUB INT:** Diseases of oilseed crops including brassica crucifers. **EDU:** Nagpur Univ., India/Agriculture/1961-1965/B.S.; Nagpur Univ., India/Plant Pathology/1965-1967/M.S.; Pantnagar Univ./Plant Pathology/1967-1971/Ph.D. **REM:** 15 years of research and teaching experience, particularly with reference to oilseed crop diseases including brassica crops. Visited Canada, U.K., Sweden, Ethiopia in connection with research responsibilities on brassica oilseed crops.

**KOTCH, George P.** **ADR:** Petoseed Co. Inc., 650 Leanna Drive, Arroyo Grande, CA 93420, U.S.A. **DB:** 23/08/59. **PB:** U.S.A. **N:** American. **PROF:** Plant Breeder. **TITLE:** Research Scientist. **EMP:** Petoseed Co. Inc. **ADRE:** 650 Leanna Dr., Arroyo Grande, CA 93420, U.S.A. **EXPERTISE:** Breeding; Cultivar trial; Genetics. **SUB INT:** Hybrid cultivar development. **EDU:** Univ. of Scranton, U.S.A./Biology/1977-1981/B.S.; Pennsylvania State Univ., U.S.A./Genetics/1981-1983/M.S.; Univ. of Wisconsin, U.S.A./Plant Breeding/1984-1987/Ph.D.

**KUMAR, Jagmohan.** **ADR:** V & P.O. SAKOH, Tehsil Jaisinghpur, Dist. Kangra H.P., India. **DB:** 25/09/43. **PB:** V & P.O. SAKOH. **N:** Indian. **PROF:** Professor. **TITLE:** Associate Professor. **EMP:** Himachal Pradesh Agricultural Univ. **ADRE:** Palampur 176062, India. **EXPERTISE:** Vegetable Breeding. **SUB INT:** Breeding for disease resistance and seed production. **EDU:** Khalsa College Amritsar (P.U.)/Horticulture/1958-1962/B.S.; Punjab Agr. Univ., Ludhiana./Oleri./1966-1970/M.S.; Institute of Advanced Studies, Meerut Univ., Meerut/Oleri./1972-1973/M.Phil.; Institute of Advanced Studies, Meerut Univ., Meerut/Oleri./1980/Ph.D. **REM:** Engaged in Research/Teaching/Extn. since 1962.

**KUMAR, Kamlesh.** **ADR:** P.O. Box 6699, Nasinu, Fiji. **DB:** 31/10/53. **PB:** Nadi, Fiji. **N:** Fijian. **PROF:** Entomologist. **TITLE:** Senior Research Officer. **EMP:** Ministry of Primary Industries, Koronivia Res. Sta. **ADRE:** P.O. Box 77, Nausori, Fiji. **OTEL:** 47044. **EXPERTISE:** Entomology. **SUB INT:** Biological and insecticidal control of insect pests of Chinese cabbage. **EDU:** Panjab Univ./Zoology/1971-1975/B.S.; Canterbury Univ., N.Z./Entomology/1980-1982/M.S. **REM:** Worked on biological and chemical control of insect pests and noxious weeds in Fiji since 1976.

**KUO, C.G.** **ADR:** AVRDC, P.O. Box 42, Shanhua 74199, Tainan, Taiwan, R.O.C. **DB:** 05/07/42. **PB:** Japan. **N:** Canadian. **PROF:** Plant Physiologist. **EMP:** AVRDC, Taiwan. **ADRE:** P.O. Box 42, Shanhua 74199, Tainan, Taiwan, R.O.C. **OTEL:** 06-5837801. **TLX:** 73560 AVRDC. **EXPERTISE:** Plant physiology; Tissue culture. **SUB INT:** Heat stress; Reproductive physiology; Head formation; Seed production; Vegetative propagation. **EDU:** Chung Hsing Univ./Plant Pathology/1961-1965/B.S.; Univ. of Calgary/Plant Physiology/1967-1973/Ph.D. **EXP:** Visiting Scientist/1983/McGill Univ.; Research Scientist/1975-present/AVRDC, Taiwan, R.O.C.

**KWACK, Soo Nyeon.** **ADR:** Yongdang Apt. 8-302, Yongdangdong, Mokpo, Chonnam 580, Rep. of Korea. **DB:** 02/06/54. **PB:** Chonnam, Rep. of Korea. **N:** Korean. **PROF:** Horticulturist/Plant Breeder. **TITLE:** Assistant Professor. **EMP:** Mokpo National Univ. **ADRE:** Dept. of Hort. Breeding, Chongye, Muan-gun, Chonnam 580-41, Rep. of Korea. **OTEL:** (0636)52-4774-80. **EXPERTISE:** Breeding; Cultivar trial; Genetics; Tissue culture; Seed production. **SUB INT:** Cucurbits breeding. **EDU:** Seoul National Univ./Horticulture/1971-1975/B.S.; Seoul National Univ./Horticulture/1979-1982/M.S.; Kyushu Univ., Japan/Agriculture/1983-1986/Ph.D. **EXP:** Vegetable breeding/1978-1982/Horticultural Experiment Station.

**LAFOND, M.D.** **ADR:** La Menitre, 49250 Beaufort En Vallee, France. **HTEL:** 41475221. **N:** French. **PROF:** Documentalist. **EMP:** Vilmorin, La Menitre. **ADRE:** Vilmorin, La



Menitre, 49250 Beaufort En Vallee, France. **EXPERTISE:** Breeding;Cultivar trial; Genetics;Plant pathology;Tissue culture;Seed production.

**LAI, Sen Hsiung.** DB: 22/10/40. PB: Taiwan. N: Chinese. PROF: On-Station Testing/PSP. TITLE: Associate Development Officer. EMP: AVRDC, Taiwan. ADRE: P.O. Box 42, Shanhua, Tainan 74199, Taiwan, R.O.C. OTEL: 06-5837801 ext. 240. **EXPERTISE:** Breeding;Cultural/management practices;Seed production. SUB INT: Cultivar elevation. EDU: Chung Hsing Univ./Horticulture/1959-1963/B.S. EXP: Horticulture Specialist/1983-1985/Costa Rica;Horticulture Specialist/1979-1981/Indonesia. REM: Chinese cabbage, seed production, & extension.

**LAING, Mark Delmege.** ADR: 10 Clayton Av. Pietermaritzburg, South Africa. DB: 06/04/57. PB: Zimbabwe. N: Zimbabwean. PROF: Plant Pathologist. EMP: Univ. of Natal. ADRE: P.O. Box 375, Pietermaritzburg 3200, South Africa. OTEL: 0331-63320. FAX: 63497. TLX: 634719. **EXPERTISE:** Breeding;Cultural/management practices;Plant pathology. SUB INT: Crucifer diseases & breeding; Seedling production systems. EDU: Univ. of Natal/Biochemistry & Plant Path./1977-1979/B.S.;Univ. of Natal/Plant Path./1980/B.S.;Univ. of Natal/Crucifer Blackleg/1981-Cont./Ph.D. REM: 7 years research on crucifer blackleg epidemiology & other crucifer diseases & 5 years consultancy to vegetable industry.

**LAMBERT, Michel Henri.** ADR: Cidex 323 Auberive, 51600 Suippes, France. HTEL: 26037112. DB: 10/09/23. PB: Challerange, France. N: French. PROF: Tropical Agriculturist. ADRE: Cidex 323, Auberive 51600 Suippes, France. **EXPERTISE:** Breeding;Cultural practices. SUB INT: Wide experience on agronomic research and cultivation in the tropics. Very good experience in agriculture education. EDU: Tropical Agricultural School-Paris/Root Crops, Vegetable, Food crops/1954-1955/Degree on Tropical Agriculture. EXP: Agronomist/15 years/Congo Africa; Extension Officer (Agr.)/3 years/France;Tropical Agriculturist/20 years/South Pacific.

**LAYAOEN, Thelma Z.** ADR: 14, Batac, Ilocos Norte, Philippines. DB: 19/01/48. PB: Philippines. N: Filipino. PROF: Entomologist. TITLE: Assistant Professor. EMP: Mariano Marcos State Univ. ADRE: Batac, Ilocos Norte, Philippines. **EXPERTISE:** Entomology;Plant pathology. EDU: Univ. of Philippines at Los Banos (UPLB)/Entomology/1965-1970/B.S.;UPLB/Entomology/1976-1979/M.S. EXP: Research/1970-1972/IRRI, Philippines;Instructor in Entomology/1974-1982/MMSU;Assistant Professor in Entomology, Crop Protection/1983-present/MMSU.

**LEE, Do Hyon.** ADR: 3-1201 Kuk Dong Apt., Bangi-Dong Kang Dong-Ku, Seoul, Korea. HTEL: 400-1270. DB: 21/09/46. PB: Seoul, Korea. N: Korean. PROF: Crucifer Vegetable Breeding. TITLE: Vice Director. EMP: Seoul Seed Co. (Breeding Research Station). ADRE: No Tap 4-Ri, Chang Ho Won up, Kyung Ki-Do, Korea. OTEL: (0336)34: 3331-2. FAX: (02) 277-2127. TLX: SEL SEED K-34394. **EXPERTISE:** Breeding;Seed production. EDU: Kyung Sang Univ./Horticulture/1965-1968/B.S.; Chung Book Univ./Horticulture/1980-1981/M.S.;Dong Kook Univ./Horticulture/1982-1984/Ph.D. EXP: Crucifer Breeding/1969-1980/Hung Nong Seed Co. (Breeding Station);Crucifer Breeding/1981-/Seoul Seed Co. (Breeding Research Station).

**LEE, Jung Myung.** ADR: Gangnam-ku, Jamwon-Dong, Hansin Apt. 338-702, Seoul, Korea. DB: 25/05/42. PB: Korea. N: Korean. PROF: Professor. TITLE: Professor. EMP: College of Industry, Kyung Hee Univ. ADRE: Dept. of Horticulture, Seoul 131, Korea. **EXPERTISE:** Cultural practices;Cultivar trial;Plant physiology; Tissue culture;Seed production. SUB INT: Self-incompatibility, physiology & inheritance, cultivation and variety test, anther culture and embryogenesis studies of callus tissue. EDU: Seoul National Univ./Agron. & Hort./1960-1964/B.S.;Graduate School, Seoul National Univ./Horticulture/1966-1968/M.S.;Univ. of Minnesota/U.S.A./Horticulture/1968-1973/Ph.D.

**LEE, Kwan Ho.** ADR: No. 24-12 Chung Pa Dong, 3 ga Yong San Gu, Seoul City, Rep. of Korea. HTEL: (02)719-1148. DB: 13/03/55. PB: Rep. of Korea. N: Korean. PROF: Graduate Student. EMP: Univ. of Tsukuba. ADRE: Institute of Agr. and Forestry, Sakuramura Nihari Gun, Ibaraki 305, Japan. OTEL: (0298)53-4814, (0298)53-4914. EXPERTISE: Breeding. SUB INT: Study and utilization of aneuploids in brassica breeding. EDU: Seoul National Univ./Agr./1976-1983/B.S.; Univ. of Tsukuba/Agr./1986-1986/Ph.D (for Research); Univ. of Tsukuba/Agr./1987-Cont./Ph.D. EXP: Agriculture Instructor/1983-1986/.

**LEE, Kwang Sik.** ADR: Kolon Apt. 709, Chung-Dong 3 Ka, Chunjoo, Chunbuk-Do, Rep. of Korea. HTEL: (0652)83-6561. DB: 22/10/48. PB: Rep. of Korea. N: Korean. TITLE: President. EMP: The Nong-Jin Seed Co. ADRE: 843. 7 Raksung-Ri, Keumku-Myon, Kimje-Kun, Cheonbuk-Do, Rep. of Korea. OTEL: (0658)43-5788. EXPERTISE: Breeding; Seed production. SUB INT: Vegetative propagation by grafting of the flower stem of crucifers. EDU: Cheonbuk Univ./Vegetable Breeding/ /M.S. REM: Attempted to graft flower stalks of several cruciferous plants. Results showed an excellent affinity even between plants of different genera of cytoplasm and nucleus.

**LEE, Soo Seong.** ADR: Jamsil-5-Dong, apt. 524-705, Kangdong, Seoul, Rep. of Korea. DB: 29/03/38. PB: Korea. N: Korean. PROF: Researcher (Government). TITLE: Director, Division of Vegetable Breeding. EMP: Rural Development Administration. ADRE: Suweon 170, Rep. of Korea. OTEL: 0331-6-8151. FAX: 6-2135. TLX: RURDEV K27361. EXPERTISE: Breeding; Cultivar trial; Genetics; Seed production; Tissue culture. SUB INT: Self-incompatibility, Anther culture, Intergeneric hybridization, Development of breeding techniques. EDU: Seoul Nat. Univ./Horticulture/1977-1981/Ph.D; AVRDC Taiwan/Vegetable Breeding/1975-1976/Research Intern; Cornell University/Vegetable Breeding/1979/Exchange Scientist. REM: 1963 Mar. 1-present: Division of Vegetable Breeding, Horticultural Expt. Station, Rural Development Administration.

**LEE, Soon Hyung.** ADR: #199-16, Seo Doon-Dong, Suweon, Rep. of Korea. HTEL: 6-1446. DB: 25/12/36. PB: Kyunggi, Korea. N: Korean. PROF: Agricultural Researcher. TITLE: Senior Researcher. EMP: Dept. of Plant Pathology, Agricultural Science Institute, Rural Development Adm. ADRE: Suweon, 170, Rep. of Korea. OTEL: 44-5131-6. EXPERTISE: Plant pathology. SUB INT: Plant virus diseases. EDU: Seoul National Univ./Plant Protection/1957-1963/B.S.; Graduate School of Dong Kuk Univ./Plant Virology/1965-1967/M.S.; Graduate School of Hokkaido Univ./Plant Virology/1980/Ph.D.

**LEE, Yong Beom.** ADR: Jongam-Dong 84-42, Seongbuk-Ku, Seoul, Rep. of Korea. DB: 03/12/51. PB: Incheon, Rep. of Korea. N: Korean. PROF: Professor. TITLE: Assistant Professor. EMP: Seoul City Univ. ADRE: Dept. of Environmental Hort., Jeonnong-Dong, Dongdaemun-Ku, Seoul 131, Rep. of Korea. OTEL: 244-0067. EXPERTISE: Cultural practices; Plant physiology; Tissue culture. SUB INT: Agrometeorological environments. EDU: Seoul City Univ./Horticulture/1971-1975/B.S.; Seoul National Univ./Horticulture/1978-1981/M.S.; Seoul National Univ./Horticulture/1984-Cont./Ph.D. REM: Horticultural Experiment Station, Rep. of Korea 1975-1985.

**LEGASPI, Benjamin M.** ADR: 11 Faculty Village, College, Laguna, Philippines. HTEL: 2-334. DB: 13/12/31. PB: Cavite City, Philippines. N: Filipino. PROF: Researcher. TITLE: Supervising Plant Pathologist. EMP: Department of Agriculture. ADRE: Region 4, Economic Garden, Los Banos, Laguna 3732, Philippines. OTEL: 50-285. EXPERTISE: Breeding; Plant pathology. SUB INT: Varietal improvement for the wet-hot tropics. EDU: Univ. of Philippines College of Agr./Plant Pathology/1951-1955/B.S.; Cornell Univ./Plant Pathology/1962-1976/Special Studies; Miss. State Univ./Seed Tech./1971 (June-Nov.)/

Certificate;AVRDC/Res. Internship/1976-1977/Certificate. **REM:** Project Leader, Economic Garden Field Legume Project; Project Director, AVRDC Philippine Outreach Program; Chairman, Nat. Tech. Work Group on Field Legumes; Plans, implements/coordinates, monitors and reports research on field legumes and principal crops of AVRDC.

**LENZ, Fritz.** ADR: Wallfahrtsweg 39/5357, Buschhoven, Fed. Rep. of Germany. DB: 27/10/31. **PB:** Germany. **N:** German. **PROF:** Plant Physiologist. **TITLE:** Professor. **EMP:** Institut fur Obstbau und Gemusebau der Universitat Bonn. **ADRE:** Afu Dem Huegel 6, 5300 Bonn, Fed. Rep. of Germany **OTEL:** 0228735135. **EXPERTISE:** Cultural practices;Cultivar trial;Plant physiology;Tissue culture. **SUB INT:** Cultivation horticulture; Physiology; Quality. **EDU:** Univ./Horticulture/1954-1960/Dr.

**LEOAN, Macanes Valentino.** ADR: 375, Cruz, La Trinidad, Benguet B-0211, Philippines. DB: 14/02/60. **PB:** Cruz, La Trinidad, Benguet. **N:** Filipino. **PROF:** Agriculturist. **TITLE:** Research Assistant. **EMP:** Benguet State Univ. **ADRE:** La Trinidad, Benguet B-0211, Philippines. **OTEL:** 22-009. **EXPERTISE:** Cultural practices;Entomology;Plant pathology. **SUB INT:** Crop protection of Chinese cabbage, head cabbage and other related crucifers against pests, diseases and weeds. **EDU:** Mt. State Agr. College/Plant Pathology/7-1981/B.S.;Mt. State Agr. College/Plant Pathology/1982-1987/M.S. **REM:** Conducted many studies on soft rot, viruses, diamondback moth and weeds of Chinese cabbage, head cabbage and other crucifers. Presently doing research on fruit trees and vegetables.

**LEVETT, Malcolm P.** ADR: LAES, c/o P.O. KERAVAL, ENBP, Papua New Guinea. **HTEL:** 926251, 926252, 926253. DB: 26/02/49. **PB:** U.K. **N:** New Zealander. **PROF:** Agronomist. **EMP:** DAL. **ADRE:** c/o P.O. KERAVAL, ENBP, Papua New Guinea. **OTEL:** 771009. **EXPERTISE:** Cultivar trial;Tissue culture;Agronomy. **SUB INT:** Cultural/management practices. **EDU:** London Univ./Agrl. Chem./1967-1970/B.S.;Canterbury Univ./Soils/Nutrition/1972-1977/Ph.D.;Canterbury Univ./Mathematics and Computer/1978-1980/B.S. **REM:** Agronomy of Tropical Crops/Farming Systems.

**LEWIS, Brian G.** ADR: 'Mylenstede', Mulbarton Common, Norwich NR14 8JW, U.K. DB: 25/04/37. **PB:** U.K. **N:** British. **PROF:** Univ. Lecturer. **EMP:** Univ. of East Anglia. **ADRE:** Norwich, NR4 7TJ, U.K. **OTEL:** (0603)56161 ext. 2231. **TLX:** 975334 UEA B10-G. **EXPERTISE:** Some knowledge of plant breeding;Plant pathology. **SUB INT:** Resistance of brassica species to infection, particularly infection by *Leptosphaeria maculans*.; Have expertise in postharvest pathology of several crop. **EDU:** Univ. of Bristol/Plant Science/1955-1958/B.S.;Univ. of Nottingham, School of Agriculture/Plant Pathology/1958-1962/Ph.D. **REM:** Broad background in plant pathology; About 50 papers published in scientific journals; supervised 24 graduate students to Ph.D. level who all obtained the Ph.D. degree.

**LIAO, Kung Yee.** ADR: Taiwan Seed Service, Taichung Shien Shinshe, Tanan 42608, Taiwan, R.O.C. **HTEL:** (045)811311. DB: 15/02/44. **PB:** China. **N:** Chinese. **PROF:** Government Employee. **TITLE:** Associate Researcher. **EMP:** Taiwan Seed Service. **ADRE:** 46, Hsing-Chung St., Tanan Tsun, Shin-She Hsiang, Taichung 42608, Taiwan, R.O.C. **OTEL:** (045)811311. **EXPERTISE:** Plant breeding;Vegetable seed production. **EDU:** National Chung Hsing Univ./ /1963-1966/B.A.;International Agrl. Center (IAC)/Plant Breeding/1980/Diploma. **EXP:** Vegetable Expert Lecturer of National Vegetable Growing and Seed Production/1983-1986/Malawi. **REM:** Florist, Crop breeding, Seed production (cole crops).

**LIEDL, Barbara Ellen.** ADR: 1057 Everett Ct #8, St. Paul, MN 55108, U.S.A. DB: 26/03/60. **PB:** U.S.A. **N:** American. **PROF:** Plant Geneticist & Breeder. **TITLE:** Research Assistant. **EMP:** Univ. of Minnesota. **ADRE:** 1970 Folwell Ave, St. Paul, MN 55108, U.S.A. **OTEL:** (612)624-1243. **EXPERTISE:** Breeding;Genetics. **SUB INT:**

Use of isozymes as molecular markers to begin a linkage map in tuber-bearing Solanum. Self-incompatibility in plants: evaluation, genetics of SI & other related traits (PSC) & uses in F1 hybrid production. **EDU:** Univ. of Minnesota/Horticulture/1982-Cont./M.S.;Purdue Univ./Horticulture/1978-1982/B.S. **EXP:** Research Assistant/1980 May-Aug./Purdue Univ.;Teaching Assistant/1980-1981/Purdue Univ.;Hort. Therapist/1981 Aug.-Dec./Westminster Retirement Village; Teaching Assistant/1982 Jan.-May/Purdue Univ.;Assistant Horticulturist/1982 May-Aug./Marion County Extension Service.;Research Assistant/1982 Sept.-present/Univ. of Minnesota.

**LIGAT, Julio Sacla.** **ADR:** Benguet State Univ., La Trinidad, Benguet 0211, Philippines. **DB:** 05/07/61. **PB:** Benguet, Philippines. **N:** Filipino. **PROF:** Teacher/Researcher. **TITLE:** Instructor. **EMP:** Benguet State Univ. **ADRE:** La Trinidad, Benguet 0211, Philippines. **OTEL:** 22-402. **EXPERTISE:** Plant pathology. **SUB INT:** Conducts crop protection studies on Chinese cabbage. **EDU:** Mountain State Agr. College/Plant Pathology/1979-1982/B.S.;Benguet State Univ./Plant Pathology/1982-1985/M.S. **REM:** Conducts research on biological & chemical control of plant diseases (vegetables).

**LIM, Eng Siong.** **ADR:** 84, Jalan Terasek, 59100 Kuala Lumpur, Malaysia. **DB:** 22/04/43. **PB:** Malaysia. **N:** Malaysian. **PROF:** Agriculturist/Plant Breeder. **TITLE:** Associate Professor. **EMP:** Universiti Pertanian Malaysia. **ADRE:** 43400 Seeding, Selangor, Malaysia. **OTEL:** 03-9585425. **TLX:** MA 37454. **EXPERTISE:** Breeding; Cultural/management practices;Soilless culture. **SUB INT:** Crop production and improvement with particular interest in vegetables (Chinese cabbage, tomato, cucumber, melons) and peanuts; Production studies also involve the use of soilless cultivation methods including system design and production methodology. **EDU:** College of Agr. Malaya/Agriculture/1959-1962/Diploma; Louisiana State Univ./Crop Science/1967-1969/B.S.;Louisiana State Univ./Cytogenetics/1969-1971/M.S.;Univ. of Adelaide/Plant Breeding/1974-1978/Ph.D. **EXP:** Agricultural Assistant/1962-1963/Department of Agriculture, Johor; Agricultural Advisor/1963-1964/Leaf Tobacco Development Corp., Rothmans of Pall Mall (Malaya) Ltd.;Farm Instructor (Assistant Lecturer)/1964-1971/College of Agriculture Malaya;Lecturer/1971-1972/College of Agriculture Malaya;Acting Farm Director/1971-1973/Universiti Pertanian Malaysia;Head/1979-1983/Agronomy and Horticulture Department, U.P.M.;Associate Professor/1981-present/Dept. Agronomy & Horticulture, U.P.M.

**LIM, Guan Soon.** **ADR:** 280 Persiaran Zaaba, Taman Tun Dr., Ismail, 60000 Kuala Lumpur, Malaysia. **HTEL:** (03)-7182688. **DB:** 01/07/41. **PB:** Taiping, Malaysia. **N:** Malaysian. **PROF:** Entomologist. **TITLE:** Senior Research Officer. **EMP:** Malaysian Agricultural Research and Development Institute (MARDI). **ADRE:** Director General, G.P.O. 12301, 50774 Kuala Lumpur, Malaysia. **OTEL:** (03)-9486601. **TLX:** MA 37115. **EXPERTISE:** Cultural practices;Entomology. **SUB INT:** Biological control, Integrated pest management, Environmental impact of pesticides. **EDU:** Univ. of Malaya/Zoology/1965/B.S.;Univ. of Malaya/Education/1966/Dip. Ed.;Imperial College (London)/Applied Ent. & Zoology/1972/D.I.C.;Imperial College (London)/Applied Entomology & Zoology/1972/M.S.;Imperial College (London)/Entomology/1982/Ph.D. **EXP:** President/1978-1979/Malaysian Plant Protection Society (MAPPS); Ex-officio/1979-1980/MAPPS Council;Member, Papers Sub-committee/1977-1978/MAPPS Plant Protection Conference;Member and Paper Reviewer/Technical Committee/1979/Plant Protection Seminar;Member and Paper Reviewer/Technical Committee/1978-1979/Strategies in Plant Protection;Chairman, Seminar Sub-committee/1981-1982/Seminar on Pesticide Application Technology;Vice-Chairman, Main Organization Committee/1984-1986/2nd International Conference on Plant Protection in the Tropics;Executive Editor/Since 1984/Journal of Plant Protection in the Tropics; Advisor/Since 1982/National Committee of the FAO Inter-Country IPC Programme; Council Member/Since 1984/International Congresses of Entomology;Member/Since

1979/FAO/UNEP Panel of Expert on Integrated Pest Control. **REM:** Involved with entomological research since 1966, covering a wide range of insect pests on numerous economic crops, such as coconut, oil palm, rice, vegetables, maize, peanut and other field crops. The major fruits investigated were papaya and citrus. Insect pests on stored products have also been investigated.

**LIN, Cheng Chung.** **ADR:** No. 12, 77 Lane, Fengshong Rd., Fengshan, Kaohsiung, Taiwan, R.O.C. **HTEL:** 07-7425132. **DB:** 14/01/50. **PB:** Taipei, R.O.C. **N:** Chinese. **PROF:** Officer. **TITLE:** Plant Pathologist. **EMP:** Fengshan Tropical Hort. Experiment Sta. **TARI.** **ADRE:** Fengshan, Kaohsiung 83016, Taiwan, R.O.C. **OTEL:** 07-7310191. **EXPERTISE:** Plant pathology. **SUB INT:** Disease control; Disease identification. **EDU:** National Chung Hsing Univ./Plant Pathology/968-1973/B.S.; National Chung Hsing Univ./Virology/1973-1975/M.S.; National Taiwan Univ./Virology/1977-1980/Ph.D. **EXP:** Assistant of Electron Microscope Operator/1980-1981/ ; Technician of TARI/1981-1981/ .

**LIN, Hsueh Shih.** **ADR:** 147-5 Chi-An Village, Chi-An Township, Hualien, Taiwan, R.O.C. **DB:** 18/03/60. **PB:** Taoyuan, R.O.C. **N:** Chinese. **PROF:** Horticulturist. **TITLE:** Assistant. **EMP:** Hualien District Agriculture Improvement Station. **ADRE:** 144 Chi-An Village, Chi-An Township, Hualien, Taiwan, R.O.C. **OTEL:** (038)521108. **EXPERTISE:** Cultural practices; Tissue culture. **EDU:** Chinese Culture Univ./ Horticulture/1979-1983/B.S.; National Taiwan Univ./Horticulture/1983-1985/M.S.

**LIN, Soru.** **ADR:** P.O. Box 99-6, Taipei, Taiwan, R.O.C. **HTEL:** 02-7684654. **DB:** 04/03/52. **PB:** Taipei, R.O.C. **N:** Chinese. **TITLE:** Technical (R & D) Manager. **EMP:** Ciba-Geigy (Taiwan) Ji Kang Co., Ltd. **ADRE:** 14F No. 2 Sec. 3 Pa-teh Rd., Taipei 10560, P.O. Box 36-562, Taiwan, R.O.C. **OTEL:** 02-7521425. **EXPERTISE:** Cultural practices; Entomology; Plant pathology; Pest control. **SUB INT:** Disease and pest control/Seed production. **EDU:** National Chung Hsing Univ./Plant Pathology/1970-1974/B.S.; AVRDC/Plant Protection/1977 (May-Aug.)/Certificate; Ciba-Geigy Agr. Station/Application Tech. Course/1986 (July)/Diploma. **EXP:** Director /1977-1979/ Research Farm (Known You Seed Company).

**LOMEL, Steven A.** **ADR:** 3009 Arbor Dr., Manhattan, Kansas 66502, U.S.A. **HTEL:** 913-539-9259. **DB:** 06/08/56. **PB:** California, U.S.A. **N:** American. **PROF:** Plant Pathologist/Virologist. **TITLE:** Assistant Professor. **EMP:** Kansas State Univ. **ADRE:** Dept. of Plant Pathology, Throckmorton Hall, Manhattan, KS 66506, U.S.A. **OTEL:** 913-532-6176. **EXPERTISE:** Plant pathology. **SUB INT:** Genetic engineering/ Biotechnology virology, virus assays-ELISA, Hybridization. **EDU:** Univ. of San Francisco/Biochemistry/1974-1978/B.S.; Univ. of California, Berkeley/Plant Pathology/1978-1980/M.S.; Univ. of California, Berkeley/Plant Pathology/1980-1983/Ph.D. **EXP:** Assistant Professor/1983-present/Kansas State Univ.

**LU, Yigjie.** **ADR:** Horticulture Institute, Heilongjiang Academy of Agricultural Science, Harbin, China. **HTEL:** 62406. **DB:** 28/12/56. **PB:** Heilongjiang, China. **N:** Chinese. **PROF:** Plant Breeder. **EMP:** Horticulture Institute, Heilongjiang Academy of Agricultural Science. **ADRE:** Harbin, China. **OTEL:** 62406. **EXPERTISE:** Breeding; Cultivar trial; Genetics; Seed production. **SUB INT:** Breeding, genetics and seed production of Chinese cabbage. **EDU:** Northeast Agriculture College/Vegetables/1979-1982/ . **REM:** Working on Chinese cabbage since 1983.

**LUCZKIEWICZ, Tadeusz.** **ADR:** 62-040 Puszczykowo, Wodziczki 1, Poland. **DB:** 29/10/41. **PB:** Poland. **N:** Polish. **PROF:** Teacher at Academy of Agriculture. **EMP:** Academy of Agriculture. **ADRE:** Poznan, WOJSKA, Polskiego 28, Poland. **OTEL:** 224-203, 402-29. **TLX:** 0415359 ARpl. **EXPERTISE:** Breeding; Genetics. **SUB INT:** Mutation breeding, in vitro culture, self-incompatibility, heterosis, genetics of winter rape. **EDU:** Academy of Agriculture, Poznan, Poland/ /1959-1964/ ; Engineering College/ Radiobiology/1967-1968/Certificate; Institute for Atomic Energy in Agr. - Wageningen, Netherlands/Mutation breeding/1969-1975/Scholarship.

- LUIS, Janet Sa-Ong.** ADR: Pines Park Subd., La Trinidad, Benguet, Philippines. DB: 18/01/57. PB: Tadian, Mt. Prov., Philippines N: Filipino. PROF: Researcher/Administrator. TITLE: Sr. Res. Spec. III/Director. EMP: Northern Philippines Root Crops Research and Training Center. ADRE: Benguet State Univ., La Trinidad, Benguet, Philippines. OTEL: 22-439. EXPERTISE: Plant pathology. SUB INT: Integrated pest management. EDU: Mt. State Agr. College/Plant Pathology/1973-1977/B.S.; Univ. of the Philippines at Los Banos/Plant Pathology/1978-1981/M.S.; Univ. of the Philippines at Los Banos/Plant Pathology/1983-1987/Ph.D. REM: Conducted a 3-year research on soft rot control on crucifers including Chinese cabbage. Taught plant pathology courses where vegetables are among the priorities. Soft rot of crucifers is a predominant problem in this part of the country.
- LUIS, Lopez Bellido.** ADR: E.T.S., Ingenieros Agronomos., Ap. 3048., 14080 Cordoba, Spain. HTEL: 298343. DB: 04/08/42. PB: Jaen Spain. N: Spanish. PROF: Agronomist. TITLE: Professor. EMP: Univ. of Cordoba, Spain. ADRE: Alfonso XIII, 17, Cordoba, Spain. OTEL: 298343. TLX: 76561 EDUCI. EXPERTISE: Cultural practices; Plant physiology. EDU: Univ. Laboral Sevilla, Spain/ /1958-1961/B.S.; Escuela Tecnica de Peritos Agricolas, Sevilla/ /1961-1964/Agricultural Engineer; Univ. of Cordoba/ /1968-1973/Agronomist; Univ. of Cordoba/ /1974-1976/Ph.D.
- LUMYONG, Pipob.** ADR: Faculty of Agr., Chiang Mai Univ., Chiang Mai, Thailand. DB: 20/04/47. PB: Trang, Thailand. N: Thai. PROF: Lecturer. EMP: Faculty of Agriculture, Chiang Mai Univ. ADRE: Chiang Mai, Thailand. TLX: UNICHIMTH 43553. EXPERTISE: Breeding; Cultural practices; Plant pathology; Seed production. SUB INT: Breeding for heat and disease resistance. EDU: Univ. of California/ Plant Pathology/1974-1976/M.S.
- LURLARP, Chaibundit.** ADR: 721 Charunsanitwong Rd., Bangkoknoi, Bangkok, Thailand. DB: 29/06/55. PB: Bangkok, Thailand. N: Thai. PROF: Agriculturist. TITLE: Agricultural Projects Assistant Manager. EMP: IMC. ADRE: 16/F, Orkarn Bldg. Bangkok 10500, Thailand. OTEL: 252-7232, 253-4081. TLX: 84009 IMCBKK TH. EXPERTISE: Cultural practices; Plant physiology; Seed production. SUB INT: Seed production. EDU: Kasetsart Univ./Agr./1974-1978/B.S.; Oklahoma State Univ./Agronomy/1980-1982/M.S.; Oklahoma State Univ./Crop Physiology/1982-1985/Ph.D. REM: Legume & vegetable crops production.
- MADULI, Peter B.** ADR: Demang, Sadanga, Mountain Province, Philippines. DB: 11/11/57. PB: Philippines. N: Filipino. EMP: Montanosa Res. Development Center. ADRE: Makamakmlis, Sagada, Mountain Province, Philippines. EXPERTISE: Cultural/management practices; Cultivar trial. EDU: Benguet State Univ./Animal Tech./1976-1981/Degree; M.R.D.C./Vegetable Production/1982-1987/N/A. REM: Have experience in vegetable production with the rural farmers in the Cordillera, community organizing, cooperatives, seed storage but not so very intensive due to financial and resource constraints, e.g. planting materials.
- MAGALLONA, Edwin D.** ADR: College, Laguna, Philippines. DB: 07/07/42. PB: Philippines. N: Filipino. PROF: Professor. TITLE: Professor of Entomology. EMP: Univ. of the Philippines at Los Banos. ADRE: College, Laguna, Philippines. EXPERTISE: Entomology; Pesticide toxicology. SUB INT: Pesticide residue analysis, toxicology and pest management of diamondback moth. EDU: Philippine Atomic Energy Commission/Radioisotopes/1966/Certificate; Univ. of Philippines/Sugar Chem./1958-1963/B.S. Sugar Tech.; Univ. of Philippines/Toxicology/1964-1968/M.S.; Univ. Calif., Riverside/Toxicology/1969-1973/Ph.D.
- MANZANO, Victoriano Ginez.** ADR: Gonzaga, Cagayan, Philippines. DB: 14/03/41. PB: San Jose City, Philippines. N: Filipino. PROF: Professor. TITLE: Professor II and Director of Research and Development. EMP: Cagayan State University.

**ADRE:** Tuguegarao, Cagayan, Philippines. **OTEL:** 446-1949. **EXPERTISE:** Cultural practices. **SUB INT:** Agronomy. **EDU:** Central Luzon State Univ./Agronomy/1959-1963/B.S.; National Teachers College/Educ. Mgt./1974-1975/M.A.; Univ. of Philippines at Los Banos/Agrl. Education and Agronomy/1976-1979/Ph.D. **EXP:** Vocational Agr. Teacher/1964-1970/Gonzaga National Agrl. School, Gonzaga, Cagayan, Philippines; Graduate School Lecturer/1981-date/CSU; Faculty on Call/1980-present/Philippine Training Center on Rural Development; Assistant Professor/1979-1981/CSU-Gonzaga, Cagayan; Associate Professor/1981-present/CSU at Tuguegarao; Head Teacher I (promotion)/1973-1974/Secondary School; Head Teacher II (Promotion)/1974-1975/Secondary School; School Farming Coordinator/1971-1975/Secondary School; Vocational Instruction Supervisor I (Promotion)/1975-1978/ ; Dean of Students I/1970-present/CSU-Gonzaga, Cagayan, Philippines; Assistant to the Univ. President/1979-1980/Academic Affairs, CSU; Director of Research/1982-date/CSU-Tuguegarao, Cagayan, Philippines.

**MARGATE, Lorenzo Zamoras.** **ADR:** Central Mindanao Univ., University Town, Musuan, Bukidnon, Philippines. **DB:** 10/08/38. **PB:** Philippines. **N:** Filipino. **PROF:** Professor. **TITLE:** Assoc. Prof. IV. **EMP:** Central Mindanao Univ. **ADRE:** University Town, Musuan, Bukidnon, Philippines. **EXPERTISE:** Cultural practices. **SUB INT:** Cropping systems; Soils and climatic requirements. **EDU:** Central Mindanao Univ./Agronomy-Hort./1963-1967/B.S.; Univ. of Philippines at Los Banos/Horticulture/1972-1975/M.S.; Univ. of Philippines at Los Banos/Horticulture/1980-1986/Ph.D.; Univ. of Philippines at Los Banos College of Agriculture/Veg. Crops/1969/Training Certificate; AVRDC/Expt. Farm Management/1976/Certificate. **REM:** Handled courses in agronomy, soils and horticulture. Now handling courses in horticulture, both graduate & undergraduate. Handled research projects on vegetable variety trials, weed control, multiple cropping & fruit crop propagation.

**MARTINEZ, M.A. del Pero.** **ADR:** Valentin Virasore 1571, 1414 Buenos Aires, Argentina. **HTEL:** 8541057. **DB:** 30/08/44. **PB:** Argentina. **N:** Argentinian. **PROF:** Plant Biologist. **EMP:** CEFAPRIN-CONICET. **ADRE:** Serrano 665, 1414 Buenos Aires, Argentina. **OTEL:** 855-7199. **EXPERTISE:** Genetics. **SUB INT:** Chemosystematic with secondary compounds (mainly flavonoids) associated with genetic and defense mechanisms. **EDU:** Instituto Miguel Lillo Tucuman, Argentina/Botany/1966-1973/Ph. D.; Agriculture Research Council Unit, Kew Gardens, England/Chemosystematic/1973-1976/ . **EXP:** Research Scientist/Since 1976/National Research Council (CONICET).

**MELCHOR, Nelson Domingo.** **ADR:** 042 J. de Guzman St., Ibung, Villaverde, Nueva Vizcaya 1503, Philippines. **DB:** 03/09/50. **PB:** San Mateo, Isabela, Philippines. **N:** Filipino. **PROF:** Government Employee. **TITLE:** Municipal Agriculturist & Food Officer. **EMP:** Department of Agriculture. **ADRE:** Villaverde, Nueva Vizcaya, Philippines. **EXPERTISE:** Cultivar trial; Plant pathology. **SUB INT:** Crops: Vegetables. **EDU:** Araneta Univ. Foundation/Agronomy/1969-1971/Degree. **EXP:** Field Extension Worker/1971-1979/ ; Field Supervisor/1979-present/ ; Agr. Extension/1985 (Apr.-July)/Tokyo International Center, Tokyo, Japan.

**MERIDA, Pedro Balite.** **ADR:** 521 Rizal St., Bgy. Jose P. Rizal, Catarman, Northern Samar, Region 8, Philippines. **DB:** 22/10/27. **PB:** Catarman, Northern Samar, Philippines. **N:** Filipino. **PROF:** Univ. Comptroller Accountant. **TITLE:** University Comptroller. **EMP:** State Univ. of Eastern Philippines. **ADRE:** University Town (Catarman), Northern Samar, Philippines. **EXPERTISE:** Cultural/management practices; Cultivar trial; Farmer. **SUB INT:** Development of tropical vegetables; Develop Chinese cabbage growing in the Philippines. **EDU:** Silliman Univ./Accounting/1948-1952/BBA; Univ. of the East Children's Qualification/Accounting Support Services/1951-1952/BBA; Jonah F Merida-U.E.P./Animal Science/1988/5th Year Veterinary Medicine; Peter Paul F Merida-U.E.P./Agri-Business/1989/3rd Year BSBA; Daniel F Merida-U.E.P./HS Agriculture/1988/Fourth Year, Graduating.

**MERO, Carl E.** ADR: 650 Leanna Drive, Arroyo Grande, California 93420, U.S.A. DB: 5/11/55. PB: U.S.A. N: American. PROF: Horticulturist. TITLE: Plant Breeder. EMP: Petoseed Co. Inc. ADRE: 650 Leanna Drive, Arroyo Grande, Ca. 93420, U.S.A. EXPERTISE: Breeding;Cultivar trial;Genetics. SUB INT: Main focus on vegetable forms of Brassica oleracea and B. campestris. Goals include improvement of cultivars through introgression of genes from related species. EDU: Purdue Univ./Horticulture/1975-1977/B.S.;Michigan State Univ./Horticulture, Plant Breeding & Genetics/1977-1983/M.S. and Ph.D. EXP: Current position with Petoseed/1983-present/ .

**MERRELL, Edward C.** ADR: 39 Laredo Drive, Rochester, NY 14624, U.S.A. HTEL: (716) 247-8424. DB: 21/03/47. PB: Cambridge, MA, U.S.A. N: American. PROF: Plant Breeder - Vegetables. TITLE: Plant Breeder. EMP: Harris Moran Seed Co. ADRE: 3670 Buffalo Rd., Rochester, NY 14624, U.S.A. OTEL: (716) 594-9411. TLX: 510-253-3587. EXPERTISE: Breeding;Cultivar trial;Genetics;Seed production. SUB INT: Developing cultivars of brassicas (cabbage, Chinese cabbage, mustard, pakchoi, turnips) with improved horticultural characteristics, diseases resistance, yield, etc. EDU: Oberlin College/Biology/1965-1969/A.B.;Univ. of Edinburgh/Plant Taxonomy/1972-1973/Post Graduate Diploma;Stanford Univ./Biological Sciences/1969-1970, 1973-1974/A.M. REM: Previously with Ferry-Morse Seed Co., Breeding responsibilities of cabbage and cauliflower.

**MEZA, Juan Francisco Flores.** ADR: Apto. No. 106 Coban, Alta Verapaz, Guatemala. DB: 28/12/49. PB: Guatemala. N: Guatemalan. PROF: Agronomist. EMP: Cerro Verde, S.A., A New Production Branch (All Spice) of Corporacion Unica, S.A. ADRE: KM. 208 Guate-Coban A.V., Guatemala. EXPERTISE: Cultural/management practices; Cultivar trial. SUB INT: Farm management in rainy and humid environment.

**MILAGROSA, Sergai Patulot.** ADR: Benguet State Univ., La Trinidad, Benguet 0211, Philippines. DB: 24/02/51. PB: Calamba, Laguna, Philippines. N: Filipino. PROF: Teacher. TITLE: Assistant Professor. EMP: Benguet State Univ. ADRE: Department of Crop Protection, La Trinidad, Benguet 0211, Philippines. EXPERTISE: Plant pathology. SUB INT: Seed pathology; The effect of seed-borne pathogens on seed, seedlings and mature plants. EDU: Univ. of the Philippines at Los Banos (UPLB)/Agrl. Extn. /1967-1973/B.S.; Univ. of Philippines at Los Banos/Pathology/1978-1980/M.S.;Univ. of the Philippines at Los Banos (UPLB)/Pathology/1983-1987/Ph.D.

**MILLER, Christopher B.** ADR: 10 Colina Drive, La Selva Beach, California 95076, U.S.A. HTEL: 408 684-0907. DB: 23/12/47. PB: U.S.A. N: American. PROF: Plant Breeder. TITLE: Research Manager. EMP: Nicker Zwaan Seed Co. ADRE: P.O. Box 1787, Lroy, California 95020, U.S.A. OTEL: 408 842-6922. TLX: 9105901003. EXPERTISE: Breeding;Cultivar trial;Genetics;Plant pathology;Seed production. SUB INT: Cultivar development, Pathology. EDU: Univ. Calif. at Davis/ Horticulture /1972-1974/M.S.;Univ. Wisconsin-Madison/Crucifer Genetics/1977-1983/Ph.D. EXP: Brassica & Cucurbit Breeder/1979-1985/Petoseed Co. Inc.;Pepper & Cucurbit Breeder & Research Manager/1986-present/Nick. Zwaan.

**MONJUR, Hamid MD.** ADR: "Shatadal" c/o, Advocate Fazlur Rahman, 13/A West Dhanmondi, 3rd Floor, Shonkor, Dhaka, Bangladesh. HTEL: 327860. DB: 07/08/57. PB: Pabna, Pakistan N: Bangladesh. PROF: Scientist. TITLE: Scientific Officer (Vegetables). EMP: Director General, Bangladesh Agricultural Research Institute (BARI). ADRE: Joydebpur, Gazipur, Bangladesh. OTEL: 401013. TLX: 642401 SHERAN.B.J. SHERATON HOTEL DHAKA. EXPERTISE: Cultural practices;Seed production; Others. SUB INT: Variety development and seed production technology of vegetables. EDU: Bangladesh Agrl. Institute/Agriculture/1977-1981/B.S.; Bangladesh Agr. Univ./Horticulture/1982-1983/M.S.;Kasetsart Univ. Thailand/Veg. Production/1984-1985/Diploma. REM: Appointed as a Scientific Officer, Vegetable



Section, Horticulture Division, BARI, Joydebpur, Gazipur on 5.9.83 and have been working there until present. Entrusted with: (a) Varietal screening of vegetables like cole crops, cucurbits, legumes, tomatoes, etc. (b) Management of horticultural crops & their seed production; (c) Developing varieties of different vegetables & others.

**MONTES, Alfredo J.** ADR: Escuela Agricola, Panamericana, Box 93, Tegucigalpa, Honduras. HTEL: 332717. DB: 20/05/33. PB: Peru. N: Peruvian. PROF: Horticulturist. EMP: Escuela Agricola Panamericana. ADRE: Box 93, Tegucigalpa, Honduras. OTEL: 332717. TLX: 1567 EAOZAM HO. EXPERTISE: Cultivar; Plant physiology. SUB INT: Crop management. EDU: Univ. Nacional Agr./Agronomy/1956-1961/Agr. Ing.; Univ. of California, Davis/Veg. Crops Prodn./1963-1964/M.S.; Univ. of Florida, Gainesville/Post-harvest Physiology/1967-1970/Ph.D. REM: 17 years of teaching vegetable crop's production.

**MOON, Kwang Sool.** ADR: 120-19, Sajik 3-Dong, Tongnae-Ku, Busan, Rep. of Korea. HTEL: 051-861-5772. DB: 28/11/31. PB: Busan, Korea. N: Korean. PROF: Plant Breeder. TITLE: Managing Director. EMP: Dae Lim Seed Corporation. ADRE: 120-19, Sajik-Dong, Tongnae-Ku, Busan, Rep. of Korea. OTEL: 051-861-5772. EXPERTISE: Breeding; Seed production. EDU: Tohoku Univ. Faculty of Agr./Plant Breeding/1951-1955/. EXP: Plant Breeding/1956-1960/Korean Horticultural Expt. Station; Managing Director/1961-1967/Chung-Ang Seed Res. Sta.

**MORRIS, Leonard L.** ADR: R1 Willowbank 16, Davis, CA 95616, U.S.A. HTEL: (916)753-3078. DB: 05/08/14. PB: U.S.A. N: American. PROF: Horticulturist (Postharvest). TITLE: Professor Emeritus. EXPERTISE: Plant Physiology. SUB INT: Biology & technology related to storage and or control of deterioration. EDU: Indiana State Univ./General/1932-1933/; Purdue Univ./Horticulture/1934-1937/M.S. & Ph.D.; Cornell Univ./Vegetable Crops /1937-1941/M.S. & Ph.D. EXP: External Advisor/6 weeks/Univ. of Khartoum; Instructor (Short course)/3 months/Venezuela (servicio Shell); Consultant/2 months/China (Beijing Veg. Res. Center); Team, Member (USA Cad. Sci.)/2 weeks/India; Consultant, Visiting Scientist/8.5 months/Australia.

**MPHURU, Athanasius Ndesajo.** DB: 08/04/40. PB: Moshi, Tanzania. N: Tanzanian. PROF: Entomologist. TITLE: Professor. EMP: Sokoine Univ. of Agric. ADRE: Box 3000, Morogoro, Tanzania. EXPERTISE: Entomology; Plant pathology. SUB INT: Pest control, Biological aspects of pests of cabbage, Ecological studies of *Plutella xylostella*. EDU: WVU/Entomology/1966-1968/M.S.; UDSM/Entomology/1970-1975/Ph.D. REM: Consultant in various missions with FAO; Presently Dean, Faculty of Agriculture.

**MUNIAPPAN, Rangaswamy.** ADR: P.O. Box 8784, Yona, Guam 96914, U.S.A. HTEL: (671)789-1802. DB: 01/06/41. PB: India. N: American. PROF: Researcher. TITLE: Professor. EMP: Agrl. Experiment Station, Univ. of Guam. ADRE: Mangilao, Guam 96923, U.S.A. OTEL: (671)734-3113. EXPERTISE: Entomology. SUB INT: Biological control, Pest management, Host plant resistance. EDU: Univ. of Madras/Agr./1953-1963/B.S.; Univ. of Madras/Entomology/1963-1965/M.S.; Oklahoma State Univ./Entomology/1967-1969/Ph.D. EXP: Fulbright Research Scholar/1984-1985/India; Associate Director/1976-1986/Agrl. Expt. Station, Guam; Professor of Entomology/1987-present/Univ. of Guam.

**MYLECHREEST, Murray.** ADR: 41 Regina Close, Worcester, WR2 4DF, U.K. DB: 17/01/36. PB: U.K. N: British. PROF: Lecturer. EMP: Worcester College of Higher Education. ADRE: Henwick Grove, Worcester WR2 6AJ, United Kingdom. OTEL: 0905-428080. SUB INT: Taxonomy of Chinese cabbage. EDU: Wye College (Univ. of London)/Horticulture/1955-1958/B.S.; Institute of Education (Univ. of London)/Education/1958-1959/PGCE; Birmingham Univ./Conservation of Genetic Resources/1975-1976/M.S.;

Reading Univ./Horticultural History/1977-1983/Ph.D. REM: Seed physiology at Royal Botanic Gardens Kew, Wakehurst, Sussex, prior to and during M.S. using Chinese cabbage seeds.

**NA, Jong Hyeon.** ADR: Apt. 52-303, BongMyeong CheongJu, Chungbuk, Rep. of Korea. HTEL: 0431-63-8796. DB: 09/02/57. PB: Seoul, Rep. of Korea. N: Korean. PROF: Company Employee. TITLE: Researcher. EMP: Breeding & Research Station of HungNong Seed Co., Ltd. ADRE: Jeongjung Kangoe, Cheongwon, Chungbuk 320-24, Rep. of Korea. OTEL: 0415-2-3597. FAX: 02-555-5602. TLX: TOPSEED K22849. EXPERTISE: Breeding;Genetics. SUB INT: Breeding various brassica species. EDU: Seoul National Univ./Horticulture/1975-1980/B.S.;Chungnam National Univ./Horticulture/1982-1984/M.S.;AVRDC/Virology/1984-1985/Research Internship.

**NAMAI, Hyoji.** ADR: 2-125-101, Namiki, Sakura, Tsukuba Sci. City, Ibaraki, 305, Japan. DB: 18/01/38. PB: Tokyo, Japan. N: Japanese. PROF: Professor. TITLE: Associate Professor. EMP: Institute of Agriculture and Forestry, Univ. of Tsukuba. ADRE: Tsukuba Science City, Ibaraki 305, Japan. OTEL: 0298-53-2111. TLX: 3652580 UNTUKU J. EXPERTISE: Breeding;Cultivar trial;Genetics;Seed production;Tissue culture. SUB INT: Interspecific and intergeneric hybridization;Breeding;Pollination biology; Adaptation and differentiation. EDU: Tokyo Univ. of Education/Plant Breeding/1956-1960/B.A.

**NIEBORAK, Matgorzata.** ADR: Szydlowiecka 12, 61-353 Poznan, Poland. DB: 17/11/62. PB: Poznan, Poland. N: Polish. PROF: Agronomist. EMP: Polish Academy of Science, Institute of Plant Genetics. ADRE: Strzeszynska 34, 60-479 Poznan, Poland. OTEL: 20-37-41. TLX: 0413749 IGR PAN. EXPERTISE: Breeding;Cultivar trial;Genetics;Plant pathology. SUB INT: Genetics and Plant breeding. EDU: Agricultural College in Poznan/Genetics and Plant breeding/1981-1986/M.S.

**NLYNIEC, Waleria.** ADR: Filtrowa 61m.51, 02-056 Warszawa, Poland. HTEL: 25-22-41. DB: 29/09/29. PB: Grodno, Poland. N: Polish. PROF: Agronomist, Researcher. EMP: Polish Academy of Sciences, Institute of Plant Genetics. ADRE: Strzeszynska 34, 60-479 Poznan, Poland. OTEL: 20-37-41. TLX: 0413749 IGR PAN. EXPERTISE: Breeding;Cultivar trial;Genetics;Tissue culture;Seed production. SUB INT: Plant genetics, Cytogenetics, Plant breeding. EDU: Agricultural College in Poznan/Genetics and Plant Breeding/1949-1953/M.S.;Agricultural College in Poznan/Genetics and Plant Breeding/1960/Ph.D.;Institute of Plant Breeding, Wageningen, Netherlands/Genetics and Plant Breeding/1973, 3 months/ .

**NORDIN, Mohd. Shukor.** ADR: MARDI Tanah Rata, 39007, Cameron Highlands, Pahang, Malaysia. HTEL: 941255 or 941711. DB: 24/08/53. PB: Malaysia. N: Malaysian. PROF: Vegetable Crops Breeder. TITLE: Senior Research Officer. EMP: Malaysian Agricultural Research and Development Institute. ADRE: Tanah Rata, 39007, Cameron Highlands, Pahang, Malaysia. OTEL: 941255/941711. EXPERTISE: Breeding. SUB INT: Breeding for disease resistance; Production of hybrids. EDU: Univ. Agr. Malaysia/Agriculture/1971-1974/Diploma Agr.;Univ. California, Davis/Plant Science/1975-1977/B.S.;Univ. California, Davis/Vegetable Crops/1977-1979/M.S. REM: 1979-1984, Research Officer, Malaysian Agricultural Research and Development Institute; 1984-present, Senior Research Officer, Vegetable Crops Unit, MARDI.

**NOZAKI, Shu.** ADR: 1-1401, Daitoro, Nakagawa-Ku, Nagoya 454, Japan. DB: 11/09/55. PB: Nagoya, Japan. N: Japanese. EMP: Nozaki Saishujo Ltd. ADRE: 1-1003, Daitoro, Nakagawa-Ku, Nagoya 454, Japan. OTEL: 81-52-301-8507. FAX: 81-52-303-7226. EXPERTISE: Breeding;Seed production.

**NUNAG, Benjamin Sarmiento, Sr.** ADR: Zone IV, 106 T. Baculio St., Bulua, P.O. Box 105, Cagayan de Oro City 8401, Philippines. HTEL: 3648. DB: 31/03/33.

**PB:** Sto. Rosario St., Minalin, Pampanga. **N:** Filipino. **PROF:** Agriculturist. **TITLE:** Supervising Agronomist/Chief, Operations Division. **EMP:** Department of Agriculture, Region No. 10. **ADRE:** Provincial Office, 142 Torrales St., P.O. Box 105, Cagayan de Oro City 8401, Philippines. **OTEL:** 3648. **EXPERTISE:** Seed Production; Cultural practices; Entomology. **EDU:** The A.R.E. Agrl./Training Centre for Afro-Asian Countries/Cairo, Egypt/Agronomy/1972 (4 mons.)/ Certificate. **REM:** Working as Plant Pest Control Officer and Agronomist since June 16, 1954 with the Bureau of Plant Industry (now the reorganized Dept. of Agriculture) for the provinces of Pampanga and Misamis Oriental, Philippines.

**OCTAVIO, Torres Jimenez.** **ADR:** Apartado Aereo 51748, Barranquilla Atlantico, Colombia. **HTEL:** 423159. **DB:** 10/06/50. **PB:** Colombia. **N:** Colombian. **PROF:** Ingeniero Agronomo (Agronomist). **EMP:** Frutera De Ja Costa SA. **ADRE:** Apartado Aereo 51748, Barranquilla Atlantico, Colombia. **EXPERTISE:** Cultural practices; Entomology; Plant physiology. **SUB INT:** Cultural practices; Entomology. **EDU:** Universidad Nacional de Colombia/Agronomy/1971-1977/Agronomist. **REM:** Tomato, Pepper, Passion fruit, Rural development.

**OOST, Emiel H.** **ADR:** Patryzenhof 19, 1742 ND Schagen, Netherlands. **HTEL:** 02240-15401. **DB:** 24/02/54. **PB:** Curacao, Dutch Antilles. **N:** Dutch. **PROF:** Plant Breeder. **TITLE:** Senior Plant Breeder/Site Manager. **EMP:** Nickerson-Zwaan BV, Breeding Station. **ADRE:** P.O. Box 4, 1747 ZG Tuitjenhorn, Netherlands. **OTEL:** 02269-2744. **TLX:** 57589 BROZANL. **EXPERTISE:** Breeding; Cultural/management practices; Cultivar trial; Genetics; Plant pathology; Seed production. **SUB INT:** Brassica oleracea and B. rapa breeding; Brassica taxonomy. **EDU:** Agricultural Univ. Wageningen, Netherlands/Plant Breeding/1973-1980/Agrl. Engineer. **EXP:** Department of Plant Taxonomy/1980-1985/A.U. Wageningen; Senior Plant Breeder/Site Manager/1986-present/Nicherson-Zwaan BV.

**OPENA, Romeo T.** **ADR:** AVRDC, Box 42, Shanhua, Tainan 74199, Taiwan, R.O.C. **HTEL:** 06-5837801. **DB:** 21/06/44. **PB:** Philippines. **N:** Filipino. **PROF:** Plant Breeder/Geneticist. **TITLE:** Program Director/Plant Breeder. **EMP:** AVRDC. **ADRE:** Box 42, Shanhua, Tainan 74199, Taiwan, R.O.C. **OTEL:** 06-5837801. **FAX:** 06-5830009. **TLX:** 73560 AVRDC. **EXPERTISE:** Breeding; Genetics; Seed production. **SUB INT:** Breeding of Chinese cabbage for tropical adaptation. **EDU:** Univ. of the Philippines at Los Banos/Plant Breeding/1960-1964/B.S.; Univ. of California at Davis/Veg. Crops/1967-1969/M.S.; Univ. of California at Davis/Plant Genetics/1969-1972/Ph.D. **REM:** More than 10 years experience on breeding Chinese cabbage for heat tolerance and disease resistance.

**OTANI, Fusao.** **ADR:** UZUHASHI 2-4-14, Uzuhashi 2-4-14, Matsumoto-shi, Nagano Pref 390, Japan. **HTEL:** 0263-34-1886. **DB:** 24/11/30. **PB:** Matsumoto, Nagano, Japan. **N:** Japanese. **PROF:** Public servant. **TITLE:** President. **EMP:** Nagano Vegetable and Ornamental Crops Expt. Sta. **ADRE:** 2206 Omuro, Matsushiro-machi, Nagano, Japan. **OTEL:** 0262-78-6848. **EXPERTISE:** Breeding; Cultivar trial; Genetics; Seed production. **SUB INT:** Breeding of resistance for clubroot and verticillium wilt. **EDU:** Agr. Expt. Sta./Breeding/1955-1987/ .

**OTHMAN, Siti Doyah.** **ADR:** 66 E Taman Sri Kota, Melaka 75350, Malaysia. **HTEL:** 06-234917. **DB:** 18/08/46. **PB:** Penang, Malaysia. **N:** Malaysian. **PROF:** Research Officer. **EMP:** Malaysian Agricultural Research and Development Institute (MARDI). **ADRE:** P.O. Box 304, Melaka 75750, Malaysia. **OTEL:** 06-326878. **EXPERTISE:** Cultural practices. **SUB INT:** Varietal development and management of vegetables on heavy clay soil (abandoned paddy areas). **EDU:** Agriculture College, Serdang, Malaysia/Agriculture/1967-1970/Diploma; Louisiana State Univ./Crop Science/1970-1972/B.S. **EXP:** Vegetable research on peat soil /1973-1979/ ; System of vegetable on mineral soil/1980-1983/ ; Promotion of vegetable technology/1984-1987/ .

**OUAPAS, Leriza O.** ADR: Mariano Marcos State Univ., Batac Ilocos Norte, Philippines. DB: 22/11/53. PB: Dingras, Ilocos Norte, Philippines. N: Filipino. PROF: Agronomist. TITLE: Instructor. EMP: MMSU. ADRE: Batac, Ilocos Norte, Philippines. EXPERTISE: Breeding; Cultural practices. SUB INT: Agronomy-farming systems. EDU: MMMCST, Batac, Ilocos Norte, Philippines/Agronomy/1971-1975/B.S.; Univ. of the Philippines at Los Banos/Farming Systems/1980-1982/M.S. EXP: In-Service Fellow/5 months/ICRISAT, Hyderabad, India.

**PADUA, Danilo Pascua.** ADR: BSU Compound, La Trinidad, Benguet, Philippines. DB: 14/12/53. PB: La Union, Philippines. N: Filipino. PROF: Researcher/Teacher. TITLE: Asst. Professor. EMP: Benguet State Univ. ADRE: La Trinidad, Benguet, Philippines. EXPERTISE: Breeding; Seed production. EDU: Univ. of Phil. at Los Banos/Agronomy-Plant Breeding/1972-1978/B.S.; Central Luzon State Univ./Plant Breeding/1984-1986/M.S.; Vegetable Seed Production & Technology/ /1982/Training. REM: Conducted several researches on subtropical crops, e.g. beans, peas, crucifers. Presently conducting seed production studies on selected subtropical crops like Chinese cabbage, carrot and cauliflower.

**PALADA, Manuel Celiz.** ADR: 4163 Crackersport Road, Allentown, PA 18104-2043, U.S.A. DB: 26/09/44. PB: Philippines. N: Filipino. PROF: Agronomist. EMP: IITA. ADRE: Oyo Road, P.M.B. 5320, Ibadan, Nigeria. OTEL: 234-022-66-88-98. TLX: TROPIC NG 31417. EXPERTISE: Cultural/management practices. SUB INT: Cropping systems and cultural management. EDU: Central Philippines Univ./Plant Science/1964-1965/B.S.; Univ. of Philippines at Los Banos/Agronomy/1968-1970/M.S.; Univ. of Florida/Horticulture Science/1976-1980/Ph.D. REM: Twenty years experience in research with agronomic and vegetable crops. Worked in the Philippines, Nigeria, Cameroon, Tanzania, Sierra Leone and the United States. Research focused on farming systems/on-farm research.

**PARK, Rae Kyeong.** DB: 25/04/32. PB: Kyungbuk, Korea. N: Korean. PROF: Government Official. TITLE: Director General. EMP: Crop Experiment Station, Rural Development Administration. ADRE: Suwon 170, Rep. of Korea. OTEL: 0331-6-2166. EXPERTISE: Breeding; Cultivar trial; Genetics; Tissue culture; Seed production. SUB INT: Varietal development of major grain crops and vegetables. EDU: Dept. of Agr., College of Agr., Seoul Nat. Univ./Agronomy/1951-1957/B.S.; Dept. of Agr., College of Agr., Chungnam Nat. Univ./Agronomy/1975/Ph.D.

**PASCUA, Andres Dela.** ADR: I.S.U. Staff Housing, Echague, Isabela, Philippines. DB: 20/04/53. PB: Sto. Domingo, Bambang, Nueva Viscaya, Philippines. N: Filipino. PROF: Teacher. TITLE: Asst. Professor. EMP: Isabela State Univ. ADRE: Crop Science Dept., Echague, Isabela, Philippines. EXPERTISE: Cultural practices. SUB INT: Weed control. EDU: I.S.U./Agronomy/1971-1975/B.S.; Univ. of Philippines at Los Banos/Agronomy/1975-1979/M.S.; I.A.C. Wageningen, Netherlands/Plant Protection/1982/Certificate.

**PEREGRINE, William Trevor Howell.** ADR: Fronfelen, Silian, LAMPETER, Dyfed SA48 8AS, U.K. HTEL: (0570)422481. DB: 10/11/31. PB: Llandeilo, Wales, U.K. N: British. PROF: Plant Pathologist/Breeder. EMP: Freelance Consultant. EXPERTISE: Breeding; Cultural practices; Plant pathology; Seed production. SUB INT: Diseases & nematode surveys; Loss assessment; Control strategies; Project management; and Staff training. EDU: Carmarthen Farm Inst. Agr./1950-1951/ Diploma Agriculture; Univ. Wales, Aberystwyth /Agr., Botany, Agri. Chem., Agr. Botany/1951-1954/B.S.; Univ. Wales, Aberystwyth/Agri. Botany/1961/M.S. (Wales). EXP: Experimental Officer (Cereal breeding)/1954-1961/The Welsh Plant Breeding Station, Aberystwyth; Plant Pathologist/1961-1966/The Tanzania Government and recruited by the Colonial Office; Plant Pathologist/1966-1969/The Malawi Government under Overseas Aid Scheme, ODA; State's first Plant Pathologist/1970-1982/Brunei; Consultant/1983 (2 months)/Manila Bank Agribusiness in the

Philippines;Consultant/1983-1984/FAO;Team Leader and Plant Pathologist/1984-1986/EEC-Financed Plant Protection in Bhutan;Consultant on Seed Technology Project/1987 Apr.-May/FAO/UNDP, Tanzania.

**PERELLO, Felicidad Agbigay.** ADR: San Agustin, Pili, Camarines Sur, Philippines. DB: 27/07/44. PB: Philippines. N: Filipino. PROF: Agriculturist. TITLE: Agronomist. EMP: Bicol Experiment Station. ADRE: Dept. of Agriculture, San Agustin, Pili, Camarines Sur, Philippines. EXPERTISE: Breeding;Cultural practices;Seed production. SUB INT: Interested in the development of vegetable varieties which are nonseasonal, disease- and insect-resistant varieties with wide adaptation; seed production; also cultural management practices. EDU: Univ. of the Philippines at Los Banos/Agronomy/1960-1965/B.S.;AVRDC, Taiwan/ / 1979-1980/Diploma. REM: Has been conducting research work on vegetables (solanaceous, vegetable legumes and crucifers) and field legumes since 1969.

**PERMADI, Anggoro Hadi.** ADR: Jalan Hortikultura, 11 Lembang, Indonesia. HTEL: Lembang 6048. DB: 12/09/39. PB: Indonesia. N: Indonesian. PROF: Plant Breeder. EMP: Lembang Horticultural Research Institute. ADRE: Jalan Tangkuban Perahu 517, Lembang, West Java, Indonesia. OTEL: Lembang 6025. EXPERTISE: Breeding;Seed production. EDU: Plant Breeding Course/Plant Breeding/1971 (Apr.-July)/ Certificate;Inst. Hort. Plant Breeding/Plant Breeding/1971-1972/Certificate; Univ. of Minnesota/Plant Breeding/1978-1982/Ph.D.

**PERNG, Der Chang.** ADR: 81-43 Sheng-An, Pei-Chang Village, Chi-An Township, Hualien 97305, Taiwan, R.O.C. HTEL: (038)529931. DB: 04/12/50. PB: Hualien, Taiwan, R.O.C. N: Chinese. PROF: Officer. TITLE: Assistant. EMP: Hualien District Agricultural Improvement Station. ADRE: 144 Chi-An Village, Hualien 97309, Taiwan, R.O.C. OTEL: (038)521108. EXPERTISE: Cultural practices;Cultivar trial. SUB INT: Selection of heat-resistant high-yielding cultivars of vegetables. EDU: National Pingtung Agricultural Institute/Agronomy/1968-1971/ Diploma;AVRDC/Chinese cabbage/1981-1982/Certificate. REM: Chinese cabbage, tomato, sweet pepper, cabbage, pai-tsai, lettuce, day lily, yam, etc.

**PERVIS, Dennis W.** ADR: Suite 1000, 1100 17th St. N.W., Wasington, D.C. 20036-4601, U.S.A. HTEL: (202)466-2796. DB: 14/08/41. PB: Mission City, B.C., Canada. N: Canadian. PROF: Agricultural Economist. TITLE: Adjunct Associate Professor. EMP: Iowa State Univ. ADRE: Dept. of Economics, Ames, Iowa 50011, U.S.A. OTEL: (515)294-5860. EXPERTISE: Economics. SUB INT: Economics of off production and marketing agriculture in economic development. EDU: Univ. of British Columbia/ Agrl. Economics/ /B.S.;Univ. of Guelph/Agrl. Economics/ /M.S.;Michigan State Univ./Agrl. Economics/1979/Ph.D. EXP: Assistant Research Scientist/1981-1984/ Univ. of Florida;Visiting Assistant Research Scientist/1984-1985/Univ. of Florida;Adjunct Associate Professor/1985-1987/Iowa State Univ.;Adjunct Associate Professor/1987-present/Iowa State Univ. REM: Wide experience.

**PHILLIPS, Walter H.** ADR: Water Island, St. Thomas, VI, U.S.A. 00801, U.S.A. HTEL: 809-774-0646. DB: 18/03/1900. PB: U.S.A. N: American. PROF: Botanical Garden. TITLE: President & Director. EMP: Water Island Botanical Garden. ADRE: Water Island, St. Thomas, VI 00801, U.S.A. EXPERTISE: Breeding;Cultural practices; Entomology. SUB INT: Hydroponic growing of vegetables in tropics. EDU: Austin College/Academic /1918-1919/ ;University of Texas/Academic & Law/1919-1923/LLB JUD. REM: 35 years experience in growing vegetables and ornamentals in the Virgin Islands.

**PILUEK, Kasem.** ADR: 301/136 Tasai Estate, Bangkhen, Bangkok 10210, Thailand. HTEL: 589-4568. DB: 04/07/43. PB: Thailand. N: Thai. PROF: Government Official. TITLE: Assistant Professor. EMP: Kasetsart Univ. ADRE: Dept. of Horticulture, Bangkok 10900, Thailand. OTEL: 579-1951. EXPERTISE: Breeding;Cultural practices;

Cultivar trial;Seed production. **SUB INT:** Fl Hybrid breeding & production. **EDU:** Kasetsart Univ./Horticulture/1963-1968/B.S. (Agr.);Kasetsart Univ./Horticulture/1968-1971/M.S. Univ. of the Philippines at Los Banos/Horticulture/1981-1985/Ph.D. **EXP:** Potato Training Course/1974/Netherlands;Seed Tech. Workshop/1978/Philippines;Chinese Cabbage Symposium/1980/Japan.

**PIPITHSANGCHAN, Soontorn.** **DB:** 30/10/58. **PB:** Bangkok, Thailand. **N:** Thai. **PROF:** Senior Lecturer. **TITLE:** Insect Toxicology. **EMP:** Prince of Songkhla Univ. **ADRE:** Dept. of Pest Management, Fac. of Natural Resources, Hat Yai, Songkhla, Thailand. **OTEL:** 245668. **EXPERTISE:** Cultural practices;Entomology. **EDU:** Kasetsart Univ./Entomology/1977-1980/B.S.;Kasetsart Univ./Entomology/1981-1983/M.S.;IAEA/FAO/Pesticide/1983/Certificate for Training;AVRDC/Diamondback Moth/1984-1985/Certificate for Research Fellows. **REM:** Insect pests of small fruit in the north of Thailand (Royal King Project); Insect pests of tropical fruit (particularly on citrus, mango, etc.) (Kasetsart Univ.);Insect pests of vegetables (crucifers, tomato, bean) (AVRDC); Insect pests of legume crops. (AVRDC, Australian Center for International Agricultural Research); Pesticide research (USAID); Peanut insect pests (EEC); Fruit flies research in Thailand (NBCRC-Thailand); Mushroom insect pests; Insect pest of oil palm in south Thailand.

**PLAGATA, Cedric Posadas.** **ADR:** Brgy. Calangag, Batad, Iloilo, Philippines. **DB:** 07/06/54. **PB:** Jaro, Iloilo City, Philippines. **N:** Filipino. **PROF:** Agronomist. **TITLE:** Officer-in-Charge. **EMP:** Office of the Vice Mayor. **ADRE:** Municipality of Batad, Province of Iloilo, Philippines. **EXPERTISE:** Cultural/management practices;Seed production. **SUB INT:** Cultural management practices and extension services. **EDU:** Central Philippines Univ., Iloilo City/Agronomy/1972-1976/B.S.;Central Philippines Univ., Philippine Rice Seed Board Trials/Philippine Rice Seed Board Trials/1977-1978/Rice Researcher;Philippine Sugar Commission/Sugarcane/1974-1975/Farm Practice.

**POLIUS, Julius J.N.** **ADR:** P.O. Box 1582, Castries, St. Lucia, West Indies. **DB:** 10/09/52. **PB:** Castries, St. Lucia. **N:** St. Lucian. **PROF:** Agronomist. **TITLE:** Senior Research Officer. **EMP:** Ministry of Agriculture. **ADRE:** Castries, St. Lucia, West Indies. **SUB INT:** Cultural practices/management-soil, pest and disease problems and control, cultivar characteristics, and postharvest management. **EDU:** Univ. of the West Indies/Agronomy/1976-1980/B.S.;McGill Univ./Soil Science/1984-1986/M.S.

**PANDEY, Shiv Chand.** **ADR:** 13, 1st Cross, Ganganagar, Bangalore, India. **HTEL:** 369637. **DB:** 14/08/47. **PB:** Varanasi, India. **N:** Indian. **PROF:** Scientist. **TITLE:** Vegetable Breeder. **EMP:** Indian Institute of Horticultural Research (I.C.A.R.). **ADRE:** Hesaraghatta Lake P.O. 8025, Bangalore 560 080, Karnataka, India. **TLX:** BG - 534. **EXPERTISE:** Breeding;Genetics. **SUB INT:** Vegetable breeding (Tropical cauliflower and cabbage). **EDU:** /Agr./1965-1967/B.S.; /Horticulture/1967-1969/M.S.; /Horticulture/1972-1973/M.Phil; /Genetics & Plant Breeding/1978/Ph.D. **REM:** 12 years of research, teaching and extension of vegetable crops.

**PRATHUANGWONG, Sutruedee.** **ADR:** 100/625 Amornphanniwet #9, Pholyothin 32 Rd., Bangkok, 10230, Thailand. **DB:** 19/12/49. **PB:** Thailand. **N:** Thai. **PROF:** Professor. **TITLE:** Assistant Professor. **EMP:** Kasetsart University. **ADRE:** Department of Plant Pathology, Faculty of Agriculture, Bangkhen, Bangkok 10900, Thailand. **OTEL:** 5791026. **EXPERTISE:** Plant Pathology. **SUB INT:** Bacterial diseases of vegetable crops. **EDU:** Kasetsart Univ./Agricultural Science/1968-1972/B.S.; Kasetsart University/Plant Pathology/1972-1975/M.S. **EXP:** Teaching and research in bacterial diseases of plants/1975-present/Kasetsart University, Bangkok; Exchange Scientist/1987 (Mar.-Apr.)/Tokyo Univ. of Agr., Japan.

**QUIROS, Carlos F.** ADR: 946 K St., Davis, California 95616, U.S.A. DB: 17/03/46. PB: Lima, Peru. N: Peruvian. PROF: Professor. TITLE: Associate Professor. EMP: Univ. of California. ADRE: Dept. of Vegetable Crops, Davis, CA 95616, U.S.A. OTEL: 916-752-1734. EXPERTISE: Breeding;Genetics. SUB INT: Crop evolution in Brassica; Genetics; Breeding. EDU: Agrarian Univ./Agronomy/1963-1968/B.S.; Univ. of New Hampshire/Plant Science/1970-1972/M.S. Univ. of California, Davis/Genetics/1972-1975/Ph.D. EXP: Breeder/Geneticist/1983-present/UCD.

**RAI, Madan Kumar.** ADR: c/o Veg. Development Division, Khumaltar, Lalitpur, Nepal. HTEL: 521619. DB: 18/07/49. PB: Khotang, Nepal. N: Nepalese. PROF: Horticulturist. TITLE: Asst. Vegetable Development Officer. EMP: Ministry of Agriculture, National Temperate Horticulture Research Station. ADRE: Marpha Agrl. Farm Mustang, Marpha, Mustang, Nepal. EXPERTISE: Breeding;Cultural/management practices;Cultivar trial;Seed production. EDU: Udaipur Univ., India/Horticulture Plant Protection/1967-1972/B.S.;Bath Univ., U.K./Vegetable, Fruits/1979-1980/M.S.;NSC, India, Hazera Seeds, Israel/Plant Breeding and Seed Production/ /Trainings. REM: 1972-1974 Vegetable Seed Production, Processing and Marketing; 1974-present involved in vegetable seed production, variety trials, experimentation.

**RAMIREZ, Concepcion Pongos-Farrales.** ADR: 597 Mayondon, Los Banos, Laguna, Philippines. DB: 09/12/60. PB: Manila, Philippines. N: Filipino. PROF: Researcher. EMP: Univ. of the Philippines at Los Banos. ADRE: Institute of Plant Breeding, College, Laguna, Philippines. OTEL: 2512/2298/3304. EXPERTISE: Breeding;Cultural practices. SUB INT: Breeding of vegetables. EDU: Univ. of the Philippines at Los Banos/Fruit Crop Management/1977-1982/B.S.;Univ. of the Philippines at Los Banos/Gen. Horticulture/1984-Cont./M.S.

**RAYMUNDO, Reynaldo Luis.** ADR: Centro, San Agustin, Isabela, Philippines. DB: 15/01/50. PB: San Agustin, Isabela, Philippines. N: Filipino. PROF: Professor. TITLE: Assistant Professor. EMP: Isabela State Univ. ADRE: Echague, Isabela, Philippines. EXPERTISE: Cultural practices. SUB INT: Crop nutrition. EDU: Central Luzon State Univ./Soil Fert./1971-1975/B.S.;Univ. of the Philippines at Los Banos/Soils/1980-1983/M.S.

**REBANCOS, Roje Onoya.** ADR: Cawayan, Manito, Albay, Philippines. DB: 30/08/49. PB: Guinobatan, Albay, Philippines. N: Filipino. PROF: Researcher & Extensionist. TITLE: MAFO/Study Leader. EMP: Department of Agriculture. ADRE: Manito, Albay, Philippines. EXPERTISE: Cultural practices;Cultivar trial. SUB INT: Plant Breeding/Others. EDU: Bicol Univ. College/BSA-Major Agr./1969-1973/B.S.;Bicol Univ. College/M.S., Major Agr./1985-Cont./33 Units.

**REJESUS, Romeo S.** ADR: College, Laguna, Philippines. HTEL: 50-652. DB: 25/11/35. PB: Philippines. N: Filipino. PROF: Research Entomologist. TITLE: Visiting Associate Professor. EMP: Univ. of the Philippines at Los Banos. ADRE: Dept. of Entomology, Laguna, Philippines. EXPERTISE: Entomology. SUB INT: Pesticide and Pest Management. EDU: Araneta Univ./Entomology/1955-1959/B.S.;Hebrew Univ. Jerusalem/Entomology/1960-1962/M.S.;Univ. of California, Riverside/Entomology/1964-1968/Ph.D. / / ;. REM: Researches on minimum pesticide use, impact and pest and beneficial insect population and cropping patterns/combinations and pest population.

**RESUL, Gerçekcioglu.** ADR: Cumburiyet Universitesi, Ziraat Fakultesi, Tokat 60030, Turkey. DB: 01/01/63. PB: Sungurlu, Turkey. N: Turkish. PROF: Faculty Member, Horticulturalist. TITLE: Assistant in Horticulture. EMP: Cumhuriyet Universitesi, Ziraat Fakultesi. ADRE: Bahçe Bitkileri Bölümü, Tokat 60030, Turkey. OTEL: Turkey 9.4751-5104. FAX: Turkey 9.4751-1490. EXPERTISE: Cultivar trial. SUB INT: Evaluation, adaptation and seed production of some cultivars of

Chinese cabbage. **EDU:** Ankara Univ. Fac. Agr., Ankara, Turkey./Agrl. Science/1981-1985/B.S.;C.U. Ins. of Fen Bil. Sivas/Turkey/Veg. Res./1985-1987/M.S.;Ankara Univ., Inst. of Fen Bil, Ankara/Turkey/Pom. Res./1987-Cont./Ph.D. **EXP:** Cumburiyet Univ., Fac. of Agr., Tokat, Turkey/Veg. Res./1985-1986 and Cumburiyet Univ., Fac. of Agr., Tokat, Turkey/Veg. Res./1987-present.

**RIJKENBERG, Frits H.J.** **ADR:** 15 Fuller Rd., Pietermaritzburg 3201, South Africa. **DB:** 21/11/40. **PB:** Wormerveer, Netherlands. **N:** South African. **PROF:** Plant Pathologist. **TITLE:** Professor. **EMP:** Univ. of Natal. **ADRE:** P.O. Box 375, Pietermaritzburg 3200, South Africa. **OTEL:** 0331 63320. **TLX:** 643719. **EXPERTISE:** Plant Pathology. **SUB INT:** Supervises a graduate program on cabbage diseases and a small program on clubroot. **EDU:** Univ. of Natal/Agrn. & Plant Path./1961-1964/B.S.;Univ. of Natal/Plant Pathology/1965-1968/M.S.;Univ. of Natal/Plant Pathology/1969-1974/Ph.D.

**ROACH, Roma Rosemarie.** **ADR:** 9 Monterey Drive, Kingston 6, Jamaica West Indies. **DB:** 15/10/54. **PB:** Kingston, Jamaica. **N:** Jamaican. **PROF:** Agronomist. **TITLE:** Research/Development Officer. **EMP:** Research and Development Div., Ministry of Agriculture. **ADRE:** Hope Gardens, Kingston, Jamaica. **OTEL:** 809-92-71731. **EXPERTISE:** Cultural practices. **EDU:** Univ. of the West Indies, Mowa, Jamaica/General Natural Sciences/1974-1978/B.S.;Queensland Agricultural College, Australia/Agronomy/Horticulture/1983/Fellowship. **EXP:** Agronomy Division Research Officer-Agronomist/1981-1983/Ministry of Agriculture;Vegetable Development Agronomist/1984-1985/Ministry of Agr., Res. and Development Division;Vegetable Agronomist/1985-present/Ministry of Agr., Res. and Development Div., Bodles, Old Harbour.

**RODWA'TANAKUL, Nimit.** **ADR:** Dept. of Hort., Fac. of Agr., Chiang Mai Univ., Chiang Mai, Thailand. **DB:** 19/01/60. **PB:** Nakorn Nayok, Thailand. **N:** Thai. **PROF:** Researcher. **TITLE:** Research Assistance. **EMP:** Fac. of Agr., Chiang Mai Univ. **ADRE:** Chiang Mai, Thailand. **EXPERTISE:** Breeding;Seed production;Tissue culture. **SUB INT:** Breeding and seed production of cruciferous crops. **EDU:** Chiang Mai Univ./Horticulture/1977-1981/B.S.;Chiang Mai Univ./Plant Breeding/1984-1986/M.S.;Chinese Cabbage Seed Production, AVRDC/ /1983-1984/ .

**ROOD, Stewart B.** **DB:** 01/02/55. **PB:** San Francisco, U.S.A. **N:** Canadian. **PROF:** Univ. Professor. **TITLE:** Assistant Professor. **EMP:** Univ. of Lethbridge. **ADRE:** Dept. of Biological Sciences, Lethbridge, Alberta T1K 3M4, Canada. **OTEL:** (403)329-2327. **EXPERTISE:** Genetics;Plant physiology. **SUB INT:** Hormone physiology, plant growth regulators (especially gibberellins) - growth and yield - rapeseed. **EDU:** Univ. Alberta, Canada/Biology/1976/B.S.;Univ. Calgary, Canada /Plant Physiology/1981/Ph.D.

**RUBATZKY, Vincent E.** **ADR:** 3233 Chesapeake Bay Ave., Davis, CA 95616, U.S.A. **DB:** 24/10/32. **PB:** U.S.A. **N:** American. **PROF:** Extension Specialist. **TITLE:** Extension Vegetable Specialist. **EMP:** Univ. of California. **ADRE:** Dept. of Vegetable Crops, Davis, CA 95616, U.S.A. **OTEL:** 916-752-1247. **EXPERTISE:** Cultural practices;Cultivar trial;Plant physiology;Seed production. **SUB INT:** Production and evaluation. **EDU:** Cornell/Vegetables/1951-1956/B.S.;VPI/Hort. Plant Physiology/1956-1958/M.S.;Rutgers/Plant Physiology/1960-1964/Ph.D. **EXP:** Extension Vegetable Specialist/1964-present/ .

**SAGWANSUPYAKORN, Chairerg.** **ADR:** 2/331 Yu-Chareon Vill., Paholyothin 40, Bangkok 10900, Thailand. **DB:** 22/01/50. **PB:** Bangkok, Thailand. **N:** Thai. **PROF:** Horticulturist. **TITLE:** Lecturer. **EMP:** Kasetsart Univ. **ADRE:** Dept. of Horticulture, Bangkok 10903, Thailand. **EXPERTISE:** Cultural practices;Plant physiology;Seed production. **SUB INT:** Growth and environmental effect. **EDU:** Kasetsart Univ./Soil Sci./1970-1974/B.S.;Kasetsart Univ./Horticulture/1974-1979/



M.S.; Tsukuba Univ. Japan/Horticulture/1983-1986/Ph.D. (Agr.); AVRDC Taiwan/Physiology/1979 (Mar.-Aug.)/Cert.; Massey Univ., NZ/Seed Tech./1980-1981/Cert.

**SAITONGSUK, Trairat.** ADR: Chaiyaphum Agrl. College, Chaiyaphum 36000, Thailand. DB: 12/05/53. PB: Bangkok/Thailand. N: Thai. PROF: Government Official. TITLE: Teacher. EMP: Chaiyaphum Agrl. College. ADRE: Chaiyaphum 36000, Thailand. OTEL: 044-811160. EXPERTISE: Cultural practices. EDU: Kasetsart Univ./Horticulture/1972-1977/B.S.

**SAJJAPONGSE, Adisak.** ADR: AVRDC, P.O. Box 42, Shanhua, Tainan 74199, Taiwan, R.O.C. HTEL: (06)5837801 Ext. 279. DB: 18/11/43. PB: Thailand. N: Thai. PROF: Agrl. Scientist. TITLE: Associate Crop Management Specialist. EMP: AVRDC, P.O. Box 42. ADRE: Shanhua, Tainan 74199, Taiwan, R.O.C. OTEL: (06)5837801 Ext. 212. FAX: 06-5830009. TLX: 73560 AVRDC. EXPERTISE: Cultural/management practices. SUB INT: Water management, weed control, mulching, planting date and general cultural management. EDU: Kasetsart Univ./Soil Fertility/1962-1967/B.S.; Univ. of Minnesota/Soil Fertility/1969-1973/Ph.D. EXP: Postdoctoral Fellow/1974-1976/IITA, Nigeria; Chief, Soil Research Division/1976-1979/TISTR, Thailand; Assoc. Crop Mgt. Specialist/1979-present/AVRDC, Taiwan. REM: Considerable experience with Chinese cabbage.

**SALIRE, Ramon Samarista.** ADR: Lerma St., Legaspi City, Philippines. HTEL: 47-45. DB: 25/06/32. PB: Polangui, Albay, Philippines. N: Filipino. TITLE: Director, Extension Service Center. EMP: Bicol Univ. Extension Service Center. ADRE: Legaspi City, Philippines. OTEL: 47-32. EXPERTISE: Cultural practices. SUB INT: Verification trial of different cabbage cultivars under the Bicol Region, Philippines. EDU: Univ. of the Philippines at Los Banos, Philippines/Agronomy/1952-1956/B.S.

**SANCHEZ, Amornita Creus.** ADR: 23 Banaba Cerca, Indang, Cavite, Philippines. DB: 04/01/49. PB: Philippines. N: Filipino. PROF: Associate Professor. EMP: Don Severino Agricultural College (DSAC). ADRE: Indang, Cavite, Philippines. EXPERTISE: Plant physiology; Postharvest physiology. EDU: DSAC/Agronomy/1967-1971/B.S.; Univ. of the Philippines at Los Banos/Horticulture Postharvest Physiology, Plant Physiology/1975-1977/M.S.; Univ. of Philippines at Los Banos/Postharvest/1978/Certificate; GAUF/Horticulture/1987-Cont./Units in Ph.D. EXP: Asst. Instructor/1972-1977/ ; Instructor/1978-1980/ ; Assistant Professor/1980-1985/DSAC; Associate Professor/1986-present/DSAC.

**SANCHEZ, Samuel Amor.** DB: 12/12/51. PB: Isabela, Basilan, Philippines. N: Filipino. PROF: Horticulturist. TITLE: Horticulturist III. EMP: Department of Agriculture. ADRE: Regional Office, Zamboanga City, Philippines. EXPERTISE: Seed production. SUB INT: Seed production; Postharvest storage & maintenance. EDU: Univ. of the Philippines at Los Banos, Laguna/Crop Production (Dip. in Agr.)/1981-1982/Degree.

**SANGAKKARA, Upatissa R.** ADR: 330 Ampitiya, Kandy, Sri Lanka. HTEL: 08-24496. DB: 14/02/51. PB: Ceylon. N: Sri Lankan. PROF: Lecturer. EMP: Univ. of Peradeniya. ADRE: Dept. of Crop Sci., Faculty of Agr., Peradeniya, Sri Lanka. OTEL: 08-88041, 08-88372. EXPERTISE: Cultural practices. SUB INT: Agronomy of the crop; Ecology. EDU: Mafy Univ., NZ/Ecology/1979-1983/Ph.D.; Univ. of Sri Lanka/Agriculture/1972-1975/B.S.

**SANIMAN, Sasi Rochajati.** ADR: JL. Jen Sudirman No. 8, Banjarmasin Kal-Sel, Indonesia. DB: 01/12/55. PB: Bali, Indonesia. N: Indonesian. PROF: Development Worker. EXPERTISE: Breeding; Cultural practices; Cultivar trial; Seed production; Others. EDU: Academy of Theology in Banjarmasin/ /1976-1979/B.S. EXP: Project Worker of Crops Growing/1975-1976/Agr. Res. of Dept. by Government, Binuang;

Rural Worker/1980-1981/Kalimantan Evangelical Church, Banjarmasin; Director of Agrl. Training Center, of GKE/1982-1986/Kalimantan Evangelical Church in Tumbang Lahang; Development Worker/1987-present/In Development Dept., of Kalimantan Evangelical Church, Banjarmasin.

**SANTIAGO, Ramon Frias.** ADR: Mabolos, Malolos, Bulacan, Philippines. HTEL: 797-5422/797-4155. DB: 18/11/47. PB: Naga City, Philippines. N: Filipino. PROF: Horticulturist/Agronomist. TITLE: Agriculturist. EMP: Sinaut Agrl. Training Centre. ADRE: Mile 21, Jalan Tutong 5185, Brunei. OTEL: 04-21672, 04-21968. FAX: PERT 42226. TLX: PERT BU 2456. EXPERTISE: Cultural practices. SUB INT: Cultivar; Entomology; Plant pathology; Plant physiology. EDU: College of Agr., Univ. of the Philippines at Los Banos/Agronomy/1964-1969/B.S.; Graduate School, Univ. of the Philippines at Los Banos/Horticulture/1978-1980/M.S. REM: Wide experience.

**SHAMSI, Mohammed Hassan.** DB: 1956. PB: United Arab Emirates. N: United Arab Emirates. PROF: Agricultural Engineer. TITLE: Project Manager. EMP: Ministry of Agriculture & Fisheries. ADRE: P.O. Box 1509, Dubai, United Arab Emirates. OTEL: 41428. TLX: 99240 DIGADAG EM. EXPERTISE: Cultural practices. EDU: Riyadh Univ., Saudi Arabia/ /1978-1980/B.S. REM: Co-Manager to UNDP/FAO-Assisted Water & Soil Investigations Project/1980-1984; Director of Research Station, Hamranayah Research Station, Min. of Agr. & Fisheries; 1984-present and Deputy Director, Northern Agr. Region, Min. of Agr. & Fisheries.

**SHARMA, Baboo Ram.** ADR: House No. HJ-195, Housing Board Colony, Ludhiana, India. DB: 29/06/34. PB: V. Naghiar, Dist. Bilaspur (H.P.), India. N: Indian. PROF: Teacher. TITLE: Professor and Head. EMP: Vice-Chancellor, Punjab Agrl. Univ. ADRE: Ludhiana 141004, India. OTEL: 22960 Ext. 370. EXPERTISE: Breeding; Cultivar trial; Genetics; Seed production. SUB INT: Breeding of vegetable crops for disease, pest and stress conditions. EDU: Punjab Univ./Horticulture/1956-1960/B.S.; I.A.R.I./Veg. Crops/1961-1963/M.S.; I.A.R.I./Veg. Crops/1967-1971/Ph.D. REM: More than 25 years experience in teaching undergraduate and postgraduate students and also that of research, especially on breeding of vegetable crops.

**SHELTON, Anthony M.** ADR: 614 W. North St., Geneva, NY 14456, U.S.A. HTEL: 315 789-2310. DB: 08/12/49. PB: U.S.A. N: American. PROF: Entomologist. TITLE: Associate Professor. EMP: Cornell Univ. ADRE: New York State Agrl. Expt. Sta., Geneva, NY 14456, U.S.A. OTEL: 315 787-2352. EXPERTISE: Entomology. SUB INT: Diamondback moth, - behavior, ecology, management & plant resistance. EDU: Univ. of California, Riverside/Entomology/1975-1979/M.S. & Ph.D.

**SHEN, Tony K.T.** ADR: Fl. 4, No. 11, Lane 702, Chung Cheng Rd., Young Ho City, Taipei, Taiwan, R.O.C. DB: 28/04/52. PB: Yunlin, R.O.C. N: Chinese. PROF: Agrochemical Sales. TITLE: Assistant Manager. EMP: DASF Taiwan Ltd., Co. ADRE: Fl 16, No. 87, Song Chung Rd., Taipei, Taiwan, R.O.C. OTEL: (02)5618131. FAX: (02)537-1554. TLX: 21649 BASFTWAN. EXPERTISE: Cultural/management practices; Entomology; Plant pathology; Seed production. SUB INT: Pest control practices - by chemical and by change of cultural practices; Seed production technology - hybrid seed production/mass production technology/management. EDU: National Chiayi Agriculture Institute/Agronomy/1969-1973/Diploma; National Chung Hsing Univ./Plant Pathology/1978-1980/B.S. EXP: Junior Specialist/ /Chiayi Tobacco Factory; Training Assistant/ /AVRDC.

**SHIM, Jai Sung.** ADR: Dong Sin Apt. 6-406, Gayang-Dong, Dong-Gu, Daejeon, Rep. of Korea. HTEL: 042-73-0541. DB: 23/09/40. PB: Korea. N: Korean. PROF: Professor. TITLE: Ph.D. EMP: Pai Chai Univ. ADRE: 439-6, Do Ma Dong, Joong-Gu, Daejeon, Choong Nam, 300-01, Rep. of Korea. OTEL: 042-522-0331. EXPERTISE: Cultural practices. SUB INT: Tropical vegetable culture. EDU: Korea Univ./Crops /1959-

1963/B.A.;Malling Agr. College/Crops/1970-1971/Diploma;Univ. of Wales, U.K./Plant Nutr./1972-1974/M.S.;Kon Kuk Univ., Rep. of Krea/Plant Ecology/1978-1981/Ph.D.

**SHINOHARA, Yutaka.** ADR: 2-3-21 Umezono, Sakura, Niihari, Ibaraki 305, Japan. HTTEL: 0298-51-2935. DB: 05/04/47. PB: Kumamoto Prefecture, Japan. N: Japanese. PROF: Civil Servant. TITLE: Assistant Professor. EMP: Univ. of Tsukuba, Institute of Agr. and Forestry. ADRE: Sakura, Niihari, Ibaraki 305, Japan. OTEL: 0298-53-4710. EXPERTISE: Cultural practices;Plant physiology. SUB INT: Flowering of Chinese cabbage. EDU: Tokyo Univ. of Educ./Horticulture/1967-1971/B.S.;Tokyo Univ. of Educ./Horticulture/1972-1974/M.S.

**SHIVASHANKAR, Gurubasavappa.** ADR: A.7, USA, Housing Colony, Hebbal, Bangalore, 560024, India. HTTEL: 365188. DB: 25/12/34. PB: India. N: Indian. PROF: Prof. & Head of Genetics & Plant Breeding. TITLE: Director and Head. EMP: Univ. of Agricultural Sciences. ADRE: G.K.V.K., Bangalore, 560065, India. EXPERTISE: Breeding;Genetics. SUB INT: Understanding of genetics & disease resistance and its application in breeding of crops such as mungbean, tomato, etc. EDU: Univ. of Mysas, India/PCM/1953-1955/B.S.;Univ. of Mysas, India/Agr./1955-1958/B.S.;IARI, India/Agr./1961-1963/M.S.;Univ. of Tennessee, U.S.A./Plant & Soil Science/1965-1968/Ph.D.

**SHULER, Kenneth D.** ADR: 12657 158 Ct. N, Jupiter, FL 33478, U.S.A. HTTEL: (305)744-4946. DB: 21/12/49. PB: Virginia, U.S.A. N: American. PROF: Horticulturist. TITLE: Agrl. Extension Agent. EMP: Palm Beach Co. Coop. Extn. Serv. ADRE: 345 South Congress Ave., Delray Beach, FL 33444, U.S.A. OTEL: (305)276-1260. EXPERTISE: Cultural practices;Cultivar trial. SUB INT: Cultivar improvement for disease resistance and free from physiological disorders, such as "black speck". Pest control for diamondback moth, leafminer, aphids, alternaria, soft rot, etc. EDU: Berea College/Agr./1968-1972/B.S. (1972);Univ. of Florida/Veg. Crops/1975-1976/M.S. (1978).

**SINGH, Dhiraj.** ADR: 49 Preeti Nagar, Hisar 125001, India. HTTEL: 4879. DB: 25/12/54. PB: Vil. Khandear, Dist. Gaziabad, U.P., India. N: Indian. PROF: Researcher. TITLE: Assistant Scientist (Genetics). EMP: Haryana Agricultural Univ. ADRE: Hisar, India. OTEL: 2640. EXPERTISE: Breeding;Genetics. SUB INT: Genetic basis of disease, drought and salt resistance in Brassica crops. Production of male sterile lines in genus Brassica for commercial exploitation of heterosis. EDU: Meerut Univ./Agriculture/1973-1976/B.S.;Meerut Univ./M.S. Agriculture (Botany)/1976-1978/M.S.;Haryana Agrl. Univ./Plant Breeding/1979-1983/Ph.D. REM: Since 1.1. 1983 working for varietal improvement in rape seed and mustard through inter- and intraspecific hybridization.

**SINGH, Narendra Deo.** ADR: D-24, Government Officers Colony, Rawatpur, Kanpur 208002 U.P., India. DB: 13/01/49. PB: India. N: Indian. PROF: Service. TITLE: Assistant Vegetable Breeder. EMP: C.S. Azad Univ. of Agriculture & Technology. ADRE: Kalyanpur, Kanpur 208024 U.P., India. OTEL: 244466. EXPERTISE: Breeding; Cultivar;Genetics;Seed production. SUB INT: Vegetable breeding (cabbage, cauliflower, eggplant). EDU: D.N. College, Tirwa./Agriculture/1966/Intermediate.;UPIAS, Kanpur/Agriculture/1970/B.S.;UPIAS, Kanpur/Agriculture (Botany)/1972/M.S.;C.S. Azad Univ. of Agriculture & Technology, Kanpur/Genetics & Plant Breeding/1982/Ph.D. REM: About 15 years experience on vegetable breeding & seed production. Have evolved four varieties of eggplant released by state/central variety release committee. Fifteen papers published in journals of repute.

**SISON, Eduardo C.** ADR: Madecor Hill, Bo. Tuntungin, Los Banos, Laguna, Philippines. DB: 30/06/40. PB: Lingayen, Pangasinan, Philippines. N: Filipino. PROF: Consultant. TITLE: Institutional Management/Financial Analyst. EMP:

Mandala Agricultural Development Corporation. ADRE: Mt. Halcon St., Umali  
Subdivision, College, Laguna, Philippines. OTEL: 50054. TLX: 23614 MANDALA PH.  
SUB INT: Economic, agribusiness, food processing, nutrition, marketing animal  
production. EDU: Michigan State Univ./Food Tech. Prodn. Mgt./1971/Ph.D.;Michigan  
State Univ./Business Adm./1971/M.A.;Univ. of the Philippines at Los Banos/  
Agr. Chemistry/1966/M.S.;Univ. of the Philippines at Los Banos/Agriculture/  
1964/B.S.

SOHN, Sang Mok. ADR: 8/108 Dae Woo Apt., Seong Jeong Dong, Cheon An, Rep. of  
Korea. HTEL: 0417-63-3989. DB: 11/11/53. PB: Sang Ju, Rep. of Korea. N: Korean.  
PROF: Plant Physiologist. TITLE: Professor. EMP: Dan Kook Univ. ADRE: Dept.  
of Tropical Agr., 330 Cheon An, Rep. of Korea. OTEL: 0417-63-6040 Ext. 3653.  
EXPERTISE: Plant Physiology. SUB INT: Nitrogen Assimilation in Higher Plants.  
NO<sub>3</sub><sup>-</sup> and NH<sub>4</sub><sup>+</sup> Assimilation enzymes (NR, GS, GOGAT, GDH) in rogen assimilation  
in higher plants; NO<sub>3</sub><sup>-</sup> and NH<sub>4</sub><sup>+</sup> assimilation enzymes (NR, GS, GOGAT, GDH) in  
nitrogen metabolic pathway; Nitrogen fertilizer requirement. EDU: Kon Kook  
Univ./Plant Physiology/1977-1981/M.S.;Bonn Univ., Fed. Rep. of Germany/ /1981-  
1982/ ;Göttingen Univ., Fed. Rep. Germany/Plant Physiology/1982-1986/Dr.Sc.Agr.

SPDNGENBERG, German C. ADR: Badener Str. 255, CH-8003 Zurich, Switzerland. DB:  
06/06/59. PB: Montevideo, Uruguay. N: Uruguayan. PROF: Biologist. EMP: ETH-  
Zentrum Institut für Pflanzen Wissenschaften LFV. ADRE: CH-8092 Zurich,  
Switzerland. OTEL: 0041-1-256 3320. EXPERTISE: Genetics;Tissue culture.  
SUB INT: Genetic engineering, micromanipulation techniques for somatic  
hybridization and transformation of cruciferous plants. EDU: Facultad de  
Agronomia, Montevideo, Uruguay/Agronomy/1978-1983/M.S.;Univ. of Heidelberg,  
Fed. Rep. of Germany/Cell Biology & Molecular Biology/1983-1986/Dr. Rer. Nat.;  
Max-Planck-Institut für Zellbiologie, Fed. Rep. Germany/Cell Biology & Molecular  
Biology/1983-1986/Research Fellowship.

SRIVASTAVA, B. K. ADR: P/35 Hort. Res. Centre, Patharchatta P.O. -, Haldi,  
Dist., Nainital, Pin. 263145, India. HTEL: 62 and 50 (Pantnagar exchange). DB:  
16/07/45. PB: India. N: Indian. PROF: Professor & Researcher. TITLE: Assoc.  
Prof. (Hort.) & Assoc. Director (Hort. Res. Center). EMP: Vice-Chancellor,  
G.B. Pant Univ. of Agr. & Tech. ADRE: Pantnagar, Nainital (U.P.), India.  
EXPERTISE: Cultural practices. SUB INT: Vegetable Agronomy/Physiology. EDU:  
Govt. Agrl. College Kanpur/Agriculture/1963-1965/B.S.;Govt. Agrl. College  
Kanpur/Horticulture/1965-1967/M.S.;G.B. Pant Univ. of Agr. & Tech. Pantnagar/  
Horticulture/1974-1981/Ph.D. REM: Wide experience: 16 years experience in  
research and teaching undergraduate and postgraduate classes.

STANDAL, Bluebell R. ADR: 440 Hao St., Honolulu, Hawaii, U.S.A. DB: 08/02/21.  
PB: India. N: Indian. PROF: Professor. TITLE: Professor of Food Science and  
Human Nutrition. EMP: Univ. of Hawaii, Honolulu, Hawaii. ADEE: 1800 East West  
Rd., Henke Hall, Honolulu, Hawaii 96822, U.S.A. EXPERTISE: Nutrition, Human.

STRUIK, Paul J. ADR: Lindenlaan 36, 6669 EJ Dodewaard, Netherlands. DB:  
04/08/49. PB: Enkhuizen, Netherlands. N: Dutch. PROF: Plant Breeder. EMP: ROYAL  
SLUIS. ADRE: Wag. Afweg 31, 6702 PD Wageningen, Netherlands. OTEL: 08370-13210.  
FAX: 08370-15634. EXPERTISE: Breeding;Genetics;Plant pathology;Seed production.  
SUB INT: Mainly interested in white cabbage for tropical areas.

SU, Tsu Hong. ADR: Apt. 6A, Edif. Punta Del Mar, Via Italia, Paitilla, Panama  
(Use R.O.C. Embassy P.O. Box 8798, Zone 5, for correspondence). HTEL: 64-2449.  
DB: 10/02/29. PB: Taiwan. N: Chinese. PROF: Agronomist. EMP: R.O.C. Embassy in  
Panama. ADRE: Box 8798, Zone 5, Panama. TLX: 3587 MEARO PG-VIA INTEL. EXPERTISE:  
Cultural practices;Cultivar trial. SUB INT: Cultural techniques. EDU: Chung  
Hsing Univ., R.O.C./Agronomy/1948-1952/B.S.;Univ. of Wisconsin, U.S.A./Agr.  
Journalism/1957-1958/Diploma.

- SUMIATI, Eddy.** ADR: Kompleks Balai Penelitian, Hortikultura No. 12, R.T 1/R.W. 1, Jln. Tangkuban Perahu, Cikole, Lembang, Indonesia. DB: 28/12/45. PB: Cirebon, Indonesia. N: Indonesian. PROF: Researcher. TITLE: Ecophysiologicalist. EMP: Lembang Research Institute for Horticulture. ADRE: Jln. Tangkuban Perahu 517, Lembang, Indonesia. OTEL: 6025. SUB INT: Ecophysiology, Tissue culture, Soil microbiology, Cultivar trials, Seed production, Biosynthesis of bionatural products, Biochemistry, Postharvest physiology soil fertility, and Water use efficiency. EDU: Bandung Institute of Technology, Indonesia/Microbiology/1971-1975/Degree; Padjadjaran Univ., Bandung, Indonesia/Ecophysiology/1981-1985/M.S.; Bandung Institute of Technology, Indonesia/Tissue culture/1977/Certificate; Seameo-Biotrop, Indonesia/Ecophysiology/1985/Certificate.
- SUN, Chih Ning.** ADR: 9, Lane 178, Chien-Chen Rd., Taichung 40224, Taiwan, R.O.C. HTEL: 04-2870974. DB: 25/04/42. PB: Hopei, China. N: Chinese. PROF: Professor. TITLE: Professor, Dept. of Entomology. EMP: National Chung Hsing Univ. ADRE: Taichung 40227, Taiwan, R.O.C. OTEL: 04-2840361. EXPERTISE: Entomology. SUB INT: Insect Resistance to Insecticides. EDU: Nat. Taiwan Univ./Agr. Chemistry/1959-1963/B.S.; Univ. of Minnesota, U.S.A./Soil Science/1963-1966/M.S.; Univ. of Minnesota, U.S.A./Soil Science (Herbicide Physiology)/1966-1969/Ph.D.
- SUN, Wanning.** ADR: P.O. Bcx 143, Lilongwe, Malawi. HTEL: 722744. DB: 17/02/46. PB: China. N: Chinese. PROF: Horticulturist. TITLE: Horticulture Lecturer & Advisor. EMP: Natural Resources College, Malawi. ADRE: P.O. Box 143 Lilongwe, Malawi. OTEL: 722744. EXPERTISE: Cultural practices; Cultivar trial. SUB INT: Vegetable Growing (Commercial Production). EDU: Univ. of Chinese Culture, Taipei, R.O.C./Horticulture/1967-1973/M.A.
- SUNAR, Tien Katini.** ADR: Darmapala No. 4, Palembang, South Sumatra, Indonesia. DB: 19/04/47. PB: Cirebon, Indonesia. N: Indonesian. PROF: Faculty Member, Agriculture Faculty. EMP: Sriwijaya Univ. ADRE: Agriculture Faculty, South Sumatra, Indonesia. EXPERTISE: Cultural practices. EDU: Graduate school/Horticulture/1982-1983/Master of Horticulture; Biotrop/Ecophysiology/1985/Certificate.
- SUNDHEIM, Leif.** N: Norwegian. PROF: Plant Pathologist. TITLE: Associate Professor. EMP: Agril. Univ. of Norway. ADRE: Norwegian Pl. Protection Inst., Box 70, 1432 AS-NLH, Norway. OTEL: 02-949408. EXPERTISE: Genetics; Plant pathology; Tissue culture. EDU: Agr. Univ. of Norway/Agronomy/1961/M.S.; Univ. of Minnesota, U.S.A./Plant Pathology/1964/Ph.D. EXP: Research and extension/2 years/Madagascar; Evaluation of Research/2 months/Tanzania; Evaluation of Research /2 weeks/Sudan.
- SUSUMU, Yazawa.** ADR: 50, Saigata-Cho, Ichijoji, Sakyo-Ku, Kyoto 606, Japan. HTEL: 075-701-3802. DB: 15/08/45. PB: Japan. N: Japanese. PROF: Professor. TITLE: Associate Professor, Laboratory of Olericulture. EMP: Kyoto Prefectural Univ. ADRE: Laboratory of Olericulture, Faculty of Agriculture, Shimogamo Sakyo-Ku, Kyoto 606, Japan. OTEL: 075-781-3131. EXPERTISE: Breeding; Cultivar trial; Tissue culture; Seed production. SUB INT: Classification of Brassica, Breeding of Brassica. EDU: Kyoto Univ. Faculty of Agriculture/Horticulture/1965-1969/B.S.; Kyoto Univ. Faculty of Agriculture/Horticulture/1969-1971/M.S.; Kyoto Univ. Faculty of Agriculture/Horticulture/1975/Ph.D. REM: Engaged in seed production of tropical vegetables in Thailand, JICA Project.
- SYNNEVOG, Gry.** ADR: Skilsuy 4818, Fervik, Norway. HTEL: (041)86362. DB: 20/03/52. PB: Norway. N: Norwegian. PROF: Research Officer. EMP: Landvik Agricultural Research Station. ADRE: Grimstad 4890, Norway. OTEL: (041)42266. EXPERTISE: Breeding; Cultivar trial; Seed production. SUB INT: Tolerance against bolting; Clubroot resistance.

**TABENAS, Miguel Enquig.** ADR: Block 2 Lot 11, IWHA Village, Dumoy, Davao City, Philippines. DB: 25/12/53. PB: Basilan, Philippines. N: Filipino. PROF: College Instructor. TITLE: Instructor 111-11. EMP: Ateneo de Davao Univ. ADRE: Jacinto Street, Davao City, Philippines. EXPERTISE: Cultural practices; Seed production. SUB INT: Crop productivity-Minimum inputs which resulted in optimum to maximum output for small farmers in the countryside. EDU: Foundation Univ./BSAT-Agr./Agronomy/1974-1979/B.S.; Univ. of Southeastern Philippines/Horticulture/1985-1987/M.A.; /Farm Management and Extension Method/1981-1982/Ruppin Institute, Israel. EXP: College Instructor/1980-present/Crop Production.

**TABIJE, Frederick Cabie.** ADR: Barangay #11, Cabang-aran, Paoay, Ilocos Norte, Philippines. DB: 29/12/61. PB: Currimao, I.N., Philippines. N: Filipino. PROF: Government Employee. TITLE: Science Research Assistant. EMP: Mariano Marcos State Univ. (MMSU). ADRE: Batac, Ilocos Norte 0305, Philippines. EXPERTISE: Cultural practices; Seed production; Crop protection. SUB INT: Crop improvement, Agronomy and Technology dissemination. EDU: Mariano Marcos State Univ./Crop Protection/1978-1982/B.S.; MMSU/Crop Science/1983-1984/M.S. (12 units); Centro Internacional de Mejoramiento de Maiz y Trigo /Crop Management/1986 (Apr.-Nov.)/Diploma on Wheat Crop Management. REM: University Science Researcher and Training Assistant.

**TAGA, Masatoki.** ADR: Rm. 406, Bldg. No. 5, 5-2 Kiyomidai-minami, Kisarazu, Chiba 292, Japan. HTEL: 0438-98-6974. DB: 03/31/54. PF: Kagawa, Japan. N: Japanese. PROF: Plant Pathologist. EMP: Sakata Seed Corp. ADRE: 358 Uchikoshi, Sodegaura-machi, Kimitsu-gun, Chiba 299-02, Japan. OTEL: 0438-75-2681. EXPERTISE: Breeding; Plant pathology. EDU: Kyoto Univ., Japan/Plant Pathology/1972-1976/B.S.; Kyoto Univ./Plant Pathology/1976-1981/Ph.D.; Cornell Univ., U.S.A./Plant Pathology/1982-1984/Post-Doctoral; Wisconsin Univ., U.S.A./Plant Pathology/1984-1985/Post-Doctoral.

**TAI, William.** ADR: 704 Pasadena Ave., Winnipeg, Manitoba R3T 2T3, Canada. DB: 09/03/34. PB: Jiangsu, China. N: American. TITLE: Professor. EMP: Univ. of Manitoba. ADRE: Dept. of Plant Science, Winnipeg, Manitoba R3T 2N2, Canada. OTEL: (204)474-6062. EXPERTISE: Breeding; Genetics; Tissue culture. SUB INT: The use of cytogenetics and tissue culture methods for the breeding of rapeseed (*Brassica napus*, *B. campestris*, *B. carinata*, etc.). EDU: Chung Hsing Univ., R.O.C./Agronomy/1952-1956/B.S.; Utah State Univ., U.S.A./Agronomy/1961-1963/M.S.; Univ. of Utah, U.S.A./Genetics/1964-1967/Ph.D. EXP: Research Associate/1967-1969/Stanford Univ., U.S.A.; Assistant Professor/1969-1972/Michigan Univ., U.S.A.; Assoc. Professor/1972-1978/Univ. of Michigan, U.S.A.; Professor/1978-1982/Univ. of Michigan, U.S.A.; Professor/1982-present/Univ. of Manitoba, Canada.

**TAKAYANAGI, Kenji.** ADR: 2-301 Furukawa Apt., 13-1 Minami-shinmachi, Tsu City 514, Japan. DB: 05/07/35. PB: Toyama, Japan. N: Japanese. PROF: Plant Breeder. TITLE: Director, Department of Vegetable Breeding. EMP: National Res. Inst. of Veg., Ornamental Plants and Tea (NIVOT). ADRE: Ano, Mie 514-23, Japan. OTEL: 05926-8-1331. FAX: 05926-8-1339. EXPERTISE: Breeding; Genetics; Seed Production; Tissue Culture. SUB INT: Biotechnology & Seed technology. EDU: Tohoku Univ./Plant Breeding/1954-1960/M.S.; Tohoku Univ./Plant Breeding/1977/Ph.D. REM: Plant breeding and genetics/forage crops, rapeseed, rice and vegetable crops; Seed physiology, biotechnology/vegetable crops; Genetic resources/taro & yam.

**TAKSDAL, Gudmund.** ADR: Saerheim, N-4062 Klepp St., Norway. HTEL: 4 420612. DB: 05/08/28. PB: Lund, Norway. N: Norwegian. PROF: Scientist. TITLE: Senior Research Officer. EMP: Saerheim Research Station. ADRE: N-4062 Klepp Station, Norway. OTEL: 4 420333. EXPERTISE: Cultural/management practices in vegetable production; Entomology; Plant pathology. SUB INT: Pests, diseases and cultural practices of cruciferous vegetables and carrots. EDU: Norwegian Agr. Univ./

Horticulture Crops/1952-1955/M.S.; Cornell Univ., U.S.A./Insect Ecology/1959-1961/M.S. EXP: Teaching, Research/1970-1972/Makerere Univ., Uganda; Member JFAD JDENTF. Mission/1980 Feb.-April/Rome and Uganda; Expert Advisory Comm. of the Africa-wide biological control project of cassava pests/1986 July 6-22/Nigeria.

**TAY, Chong Seng.** ADR: AVRDC, P.O. Box 42, Shanhua, Tainan 74199, Taiwan, R.O.C. HTEL: (06)5837801 Ext. 275. DB: 09/09/50. PB: Malaysia. N: Malaysian. PROF: Agricultural Research. TITLE: Assoc. Seed Technologist & Head of Genetic Resources & Seed Unit. EMP: Asian Vegetable Research and Development Center. ADRE: P.O. Box 42, Shanhua, Tainan 74199, Taiwan, R.O.C. OTEL: (06)5837801 Ext. 225. FAX: 06-5830009. TLX: 73560 AVRDC. EXPERTISE: Breeding; Cultivar trial; Genetics; Seed production; Tissue culture; Genetic resources. SUB INT: Genetic resources activities and seed production. EDU: Univ. of Malaya, Malaysia/Agrl. Sci./1970-1973/B.S.; Univ. of Birmingham, U.K./Genetic Conservation/1975-1976/M.S.; Univ. of Birmingham, U.K./Plant Biology/1976-1979/Ph.D. EXP: Rice Agronomist/1974-1975/Malaysia; Genetic Resources/1977-1979/Peru; Genetic Resources and Seed/1983-1987/Taiwan; Seed Production/Tissue Culture/1986-1987/Australia.

**THAKUR, Vinod Kumar Singh.** ADR: Laxmi-Niketan Laldarwaza, Hyderabad 500265, India. HTEL: 23-5-747. DB: 06/09/55. PB: Hyderabad, India. N: Indian. PROF: Teacher. TITLE: Assistant Professor. EMP: Andhra Pradesh Agricultural University (APAU). ADRE: 135, SISHIR, Pusa Campus, IARI, New Delhi 110012, India. EXPERTISE: Cultural practices; Entomology. SUB INT: Pest Management. EDU: College of Agriculture APAU./Entomology/1971-1978/B.S. & M.S.; Indian Agrl. Res. Inst., New Delhi/Pest Management/1986-Contd./Ph.D.

**THAMIN, Yahya Bin Hj Mohd.** ADR: 19, Jalan 1/2 A, Bandar Baru Bangl, 43000, Kajang, Selangor Semenanjung, Malaysia. DB: 01/11/41. PB: Kuala Lumpur, Malaysia. N: Malaysian. PROF: Agriculturist. TITLE: Research Assistant. EMP: Inst. Penyelidikan Dankemajuan Pertanian Malaysia (MARDI). ADRE: Bahagian Tanaman Pelbagai, Peti Surat 12301, Pejabat Pos Besar, 50774 Kuala Lumpur, Malaysia. OTEL: 03-9486601 (12 lines) Ext. 262. EXPERTISE: Breeding; Entomology; Genetics; Plant pathology. SUB INT: Breeding. EDU: Agr. Institute/Breeding/1964-1965/Certificate.

**THOMAS, Mitchell-Olds.** ADR: Dept. of Botany, KB-15, Univ. of Washington, Seattle, WA 98195, U.S.A. HTEL: (206)543-9450. DB: 17/02/54. PB: U.S.A. N: American. PROF: Botanist/Geneticist. TITLE: Assistant Professor. EMP: Univ. of Washington. ADRE: Dept. of Botany, KB-15, Seattle, WA 98195, U.S.A. OTEL: 206-543-9450. EXPERTISE: Breeding; Genetics; Plant pathology. SUB INT: Genetics of disease resistance in Brassica. EDU: Univ. of Wisconsin/Plant Breeding/1980-1985/Ph.D. EXP: Teaching Experience/ /Univ. of Washington; Teaching Experience/ /Earlham College; Invited Symposia/ /2nd Int. Conference; Invited Symposia/ /2nd Int. Conference & Pacific Northwest Alternate Crops Conference.

**TITLEY, Michael E.** DB: 11/10/47. PB: London, U.K. N: Australian. PROF: Seedsman. EMP: Henderson Seed Co. ADRE: P.O. Box 118, Bulleen Vic. 3105, New South Wales, Australia. OTEL: (03)850-2266. TLX: AA 30379. EXPERTISE: Cultural practices; Cultivar trial. SUB INT: Chinese cabbage production in tropical, subtropical & temperate regions of Australia. EDU: Univ. of Sydney/Agronomy/1966-1970/B.S.; Univ. of Sydney/Agronomy/1979-1985/M.S. EXP: Agronomist/1970-1976/; Cultivar in Vegetables QAC /1986-1987/; Seedsman. 1987-/Commercial Seed Industry.

**TIWARI, Suresh C.** ADR: Hwy 61 North, P.O. Box 8, Fayette, MS, U.S.A. HTEL: (601)786-3408. DB: 21/01/32. PB: India. N: Indian. PROF: Soil Scientist. TITLE: Professor of Agronomy & Project Leader, MAFES Alcorn Branch. EMP: Alcorn State University. ADRE: Lorman, MS 39096, U.S.A. OTEL: (601)877-6534. EXPERTISE:

Cultivar trial; Cultural practices; Fertility. **SUB INT:** Soil-plant relation and adaptability of certain cultivars under certain environmental and soil conditions; Soil fertility; Soil classification; and Soil survey. **EDU:** Sabour Agri. College, Bihar, India/Agriculture/1951-1954/B.S.; Univ. of Georgia, Athens, U.S.A. /Agronomy (Soil Fertility)/1964-1965/M.S.; Univ. of Georgia, Athens, U.S.A. /Agronomy (Soil Fertility & Classification)/1965-1969/Ph.D. **EXP:** Soil survey & classification as a soil scientist/1954-1964/Bihar, India.

**TOMMERUP, Inez C.** **HTEL:** 09-364-9394. **PB:** Australia. **N:** Australian. **PROF:** Physiological, Genetical Plant Pathologist. **EMP:** Univ. of Western Australia. **ADRE:** School of Agriculture, Soil Science & Plant Nutrition, Nedlands 6009, Australia. **OTEL:** 09-380-2502. **EXPERTISE:** Genetics; Plant physiology; Plant pathology. **EDU:** Univ. of Queensland, Australia/Physiological, Cytogenetical Plant Pathology/1966-1969/M.S. & Ph.D.; Cambridge, U.K. and Western Australia/Physiological, Cytogenetical Plant Pathology/1974-present/Research Fellow. **REM:** Wide experience with obligate plant parasites interactions of both roots and shoots and associated physiological interactions.

**TONGUTHAISRI, Thongchai.** **ADR:** 285/50 Chang Klan Rd, Chiang Mai, Thailand. **DB:** 03/02/36. **PB:** Nakhon Phanom, Thailand. **N:** Thai. **PROF:** Government Official. **TITLE:** Univ. Lecturer. **EMP:** Office of Agri. Res. & Extension. **ADRE:** Maejo Inst. of Agri. Technology, Chiang Mai 50290, Thailand. **OTEL:** (053)244858-9 Ext. 127. **EXPERTISE:** Breeding; Seed production; Tissue culture. **EDU:** Kasetsart Univ., Thailand/Agronomy/1956-1961/B.Sc.; Univ. College of Wales, U.K./Plant Breeding/1966-1969/M.S.; Michigan State Univ., U.S.A./Plant Breeding/1973-1976/Ph.D. **EXP:** Resident Scientist/1986-1987/Lembang Hort. Res. Institute, Bandung, W. Java, Indonesia.

**TRENCH, Thelma Neish.** **ADR:** 17 Maxims, 90 College Road, Pietermaritzburg 3200, South Africa. **DB:** 27/04/54. **PB:** Durban Union of South Africa. **N:** South African. **EMP:** Univ. of Natal. **ADRE:** Dept. of Plant Pathology, P.O. Box 375, Pietermaritzburg, South Africa. **OTEL:** 0331-63320 Ext. 532. **EXPERTISE:** Genetics. **SUB INT:** Clubroot. **EDU:** Univ. of Natal, AMB/Plant Path./1971-1975/B.S.; Univ. of Natal, PMB/Plant Path./1978-1979/M.S. **REM:** 3 years experience using Chinese cabbage as indicator for clubroot. Increased interest in Chinese cabbage as vegetable - clubroot will assume direct relevance.

**TU, Chin Chyu.** **ADR:** 50-4, Jung-Yu St., Tainan, Taiwan, R.O.C. **DB:** 21/09/35. **PB:** Tainan, Taiwan. **N:** Chinese. **PROF:** Agricultural Researcher & Administrator. **TITLE:** Director. **EMP:** Taiwan Agricultural Research Institute (TARI). **ADRE:** 189, Chung-Cheng Rd., Wu-feng, Taichung 41301, Taiwan, R.O.C. **OTEL:** 04-3302800. **EXPERTISE:** Breeding; Plant pathology. **SUB INT:** Soil-borne fungal diseases of Chinese cabbage; Breeding for disease resistance. **EDU:** National Chung Hsing Univ., R.O.C./Plant Pathology/1954-1958/B.S.; Univ. of Florida, U.S.A./Plant Pathology/1966-1968/M.S.; Univ. of Florida/Botany/1972-1974/Ph.D. **EXP:** Plant Pathologist/1961-1962/Fengshang Tropical Hort. Expt. Sta., TARI; Plant Pathologist/1962-1964/Tainan Fiber Crops Expt. Sta., TARI; Dept. Head/1964-1974/Tainan Fiber Crops Expt. Sta., TARI; Dept. Head/1974-1979/TARI; Director/1979-1987/Tainan DAIS; Director/1986-present/TARI.

**TURNER, Stuart W.** **ADR:** 11752 Arrow Pt. Dr. N.E., Bainbridge Island, WA 98110, U.S.A. **HTEL:** (206)842-3494, (206)842-6742. **DB:** 27/02/21. **PB:** Victoria, B.C., Canada. **N:** Canadian. **PROF:** Consulting Agrologist. **TITLE:** President, Stuart W. Turner & Co. of WA. **EMP:** Stuart W. Turner & Co. of WA, Inc. **ADRE:** P.O. Box 10539, Bainbridge Island, WA 98110, U.S.A. **OTEL:** (206)842-3494. **EXPERTISE:** Plant physiology; Plant pathology. **SUB INT:** Bacterial diseases. **EDU:** Univ. of British Columbia/Agronomy/1943/B.S.; Univ. of British Columbia/Agronomy/1947/M.S. **REM:** Consulting research and field investigations throughout the United States



and other countries. Conducted control research on Xanthomonas citri in Japan, 1953.

**UGAR, Narayen K.** ADR: Saavitri, Nirmal Baag, Pune 411009, India. DB: 12/11/33. PB: Pune, India. N: American. PROF: Systems Consultant. TITLE: Management consultant. EMP: SAAVITRI. ADRE: Nirmal Baag, Pune 411009, India. OTEL: 30973. EXPERTISE: Cultural practices. SUB INT: Developing database of crops varieties, plantation period, soil, fertilizers/soil nutrients and their dosages, irrigation pattern & dosage, incidence of pests and diseases, rainfall, sunshine, etc. for improving the productivity of crops. EDU: Univ. of Poona, India/Stat./1954-1957/M.S.;United Nations/Quality Control/1961-1962/Certificate; Indian Stat. Institute/Statistics/1954-1957/Certificate. REM: Experience in technical, managerial and people skills; experience in the field of education, research communications project management, expert systems and integrated information systems.

**VAN WIJK, Kees.** ADR: Karveel 56-76, 82442 CR Lelystad, Netherlands. HTEL: 03200-40477. DB: 20/11/50. PB: Odijk, Netherlands. N: Dutch. PROF: Technical Employee. EMP: Trial Station for Anable Farming and Field Production of Vegetables. ADRE: Postbus 430, 8200 AK Lelystad, Netherlands. OTEL: 03200-22714. EXPERTISE: Cultural/management practices. SUB INT: Total cultural subject, especially storing method and storing cultivars. EDU: Central School/1962-1967/Certificate;Higher Horticultural College-Utrecht/Total Horticulture/1968-1972/Certificate. REM: 10 years research (varieties and technical) mainly on Brassicas.

**VARMA, Surendra Prasad.** ADR: c/o Mr. Birendra Prasad Varma, Advocate At & Po., MOTIHARI (East Champaran), Bihar 845 401, India. DB: 03/01/38. PB: Motihari/India. N: Indian. PROF: Service. TITLE: Project Co-ordinator (Tuber Crops) and Scientist-in-charge. EMP: Indian Council of Agrl. Research. ADRE: Krishi Bavan, New Delhi 110 001, India. OTEL: 388992. TLX: 031-3701. EXPERTISE: Breeding; Cultural practices;Plant Physiology. SUB INT: Conducting research in plant physiology, management practices and plant breeding in vegetable crops. EDU: Ranchi Agrl. College/Compulsory/1956-1959/B.S.;Conservation Training/Soil Conservation/1960 (7 mons.)/Training in Soil Conservation;Bihar Agrl. College/Horticulture/1961-1963/M.S.;Ohio State Univ., U.S.A./Horticulture/1969-1973/Ph.D. EXP: Scientist, Project Coordinator/1979-present/Indian Council of Agrl. Res., New Delhi;Pool Officer/1974-1975/C.S.I.R., New Delhi;Fellow/Assistant/1969-1970/Ohio State Univ., U.S.A.;Subject Matter Specialist (Horticulture)/1959-1969/Dept. of Agrl., Govt. of Bihar State, India. REM: Honored Member, Gamma Sigma Delta, in recognition of high scholarship Ohio State Univ., U.S.A.

**VERMA, Motilal.** ADR: Badi Semaria, District:, Rewa-486 445, Madhya Pradesh, India. DB: 01/04/41. PB: Badi Semaria, Rewa, India. N: Indian. PROF: Research & Teaching Service. TITLE: Plant Pathologist. EMP: J.N. Agricultural Univ., Regional Agrl. Res. Sta. ADRE: Tikamgarh Madhya Pradesh, India 472 001. EXPERTISE: Plant pathology. SUB INT: Seed pathology; Disease resistance. EDU: College of Agriculture, Rewa, India/Agril. Sciences/1960-1964/B.S.;College of Agriculture J.N. Agrl. Univ., Jabalpur, India/Plant Pathology/1964-1966/M.S.; College of Agriculture, Punjab Agrl. Univ., Ludhiana, India/Plant Pathology/1975-1979/Ph.D. EXP: Work on anthracnose disease of chili for M.Sc. Agr. Degree/1965-1966/ ; Work on cereal disease/1966-1987/ ;Work on oilseed & pulses/1966-1987/ ;Research & extension work on vegetable diseases/1966-present/. REM: 22 years research and teaching experience in plant pathology, including cereals, pulses, oilseeds diseases and their management. Published about 50 research papers.

**VERMA, Prithwi Raj.** ADR: 201 Garrison Crescent, Saskatoon, Saskatchewan S7H 2Z7, Canada. HTEL: (306)373-6344. DB: 10/01/40. PB: India. N: Canadian. PROF: Plant

Pathology. **TITLE:** Plant Pathologist (Oilseeds). **EMP:** Government of Canada. **ADRE:** 107 Science Crescent, Saskatoon S7N 0X2, Canada. **OTEL:** (306)975-7014. **EXPERTISE:** Plant pathology. **SUB INT:** Epidemiology, chemical control, biological control and disease resistance for *Sclerotinia sclerotiorum*, *Rhizoctonia solani*, *Leptosphaeria maculans* and *Albugo candida*. **EDU:** Univ. of Rajasthan, India/Sci. & Agr./1959-1961/B.S.; Univ. of Udaipur, India/Pl. Path./1964-1967/M.S.; Univ. of Saskatchewan, Canada/Plant Pathology/1968-1973/Ph.D. **EXP:** Instructor, Dept. of Botany and Plant Pathology/1961-1963/College of Agriculture, Jobner, Rajasthan, India; Instructor, Dept. of Chemistry/1964/College of Agriculture, Jobner, Rajasthan, India; Instructor, Dept. of Plant Pathology/1964-1967/College of Agriculture, Jobner, Rajasthan, India; Jr. Lecturer, Dept. of Plant Pathology/1967-1968/College of Agriculture, Jobner, Rajasthan, India; Instructor, Botany, Plant Path. and Plant Physiology, Dept. of Biology/1968-1973/Univ. of Saskatchewan, Canada; Full-time Instructor, Botany Lab., Dept. of Biology/1972/Univ. of Saskatchewan, Canada; Research Associate, Plant Pathology Sec./1973-1976/Res. Sta., Res. Branch, Agr. Canada, Saskatoon, Saskatchewan.; Soil Microbiology Technician, Plant Pathology Sec./1977/Res. Sta., Res. Branch, Agr. Canada, Saskatoon, Saskatchewan.; Research Scientist (Plant Pathologist)/1977-present/Agriculture Canada Research Station, Saskatoon, Saskatchewan.

**VERMA, Tej Singh.** **ADR:** Indian Agrl. Res. Inst., Regional Station, Katrain (Kulu Valley), Himachal Pradesh 175129, India. **HTEL:** 24 KTN. **DB:** 01/10/42. **PB:** Fatehabad, Bulandshahr, U.P., India. **N:** Indian. **PROF:** Government Service. **EMP:** Director, Indian Agrl. Res. Inst. **ADRE:** I.A.R.I. New Delhi, India. **OTEL:** 581493. **EXPERTISE:** Breeding; Cultivar trial. **EDU:** Ph.D. Hort., Specialization in Olericulture/Olericulture 1965-1970/Ph.D. **REM:** Evolved dual purpose variety of Chinese cabbage with Chinese cabbage x turnip and Chinese cabbage x mustard which may be utilized as "Saag" and "Oil seed".

**VERZOLA, Elizabeth Agpad.** **ADR:** Bureau of Pl. Ind. Compound, Philippines. **HTEL:** 442-5595. **PB:** Sagada, Mt. Province, Philippines. **N:** Filipino. **PROF:** Agriculturist. **TITLE:** Supr. Plant Entomologist; Superintendent. **EMP:** Bureau of Plant Industry. **ADRE:** Department of Agriculture, P.O. Box 11, Baguio City 0201, Philippines. **OTEL:** 442-5270; 3048; 5604. **TLX:** 0583 GARCUM PM. **EXPERTISE:** Entomology. **SUB INT:** Integrated pest management. **EDU:** Univ. of the Philippines at Los Banos/Entomology/1956-1959/B.S.A.; Baguio Central University/M.S. Public Adm./1984-1986/M.P.A. (w/o thesis); IAC, Wageningen, Netherlands/Potato Production/1977/Certificate; Univ. of London, U.K./Pest Management/1980/ ; AVRDC, Taiwan/Home Garden Course/1984/ ; Univ. of California, Riverside, U.S.A./Citrus Virus Diseases/1985/Certificate; Valencia, Spain/Citrus Viruses/1986/Certificate; Florianapolis, Brazil/Culture of Tropical and Subtropical Apples/1987/Certificate.

**VILLORENTE, Ambrosio Romano.** **ADR:** Bach St., Filinvest Homes II, Capitol Hills, Quezon City, Philippines. **DB:** 16/04/32. **PB:** Banga, Aklan, Philippines. **N:** Filipino. **PROF:** Agriculturalist. **TITLE:** Agricultural Extension Chief. **EMP:** Bureau of Agricultural Extension. **ADRE:** Diliman, Quezon City, Philippines. **OTEL:** 978541. **EXPERTISE:** Agrl. Ext. and Management. **EDU:** G. Araneta University/ Agrl. Educ./1959-1962/Diploma (BSAEd.); Buena Park Greenhouses/Cut flowers/1964-1965/Certificate; INRA, France/Vegetables/1967-1968/Certificate; MLQ University/ Public Adm./1972-1975/MPA; JCRR, Taiwan/Farm Org./Sept. 1963/ . **EXP:** Teacher/ 1955-1959/Elementary School; Worker/1959-1966/Agricultural Extension; Subject Matter Specialist on Vegetables/1967-1977/ ; Chief/1977-present/Agricultural Extension; Professor/1977-present/G. Araneta Univ. Foundation.

**VIPASRINIMIT, Sutep.** **ADR:** 64/1 Parsarnmaitri Rd., Lampang 52000, Thailand. **HTEL:** 054-222909. **DB:** 18/06/48. **PB:** Lampang, Thailand. **N:** Thai. **PROF:** Instructor & Researcher. **TITLE:** Instructor & Researcher. **EMP:** Univ. of

Lanna College. **ADRE:** Lampang 52000, Thailand. **OTEL:** 054-218473. **EXPERTISE:** Cultivar trial; Plant physiology; Plant pathology; Seed production. **SUB INT:** General. **EDU:** Kasetsart Univ./Agronomy/1976-1978/M.S.; Chiang Mai University/Agronomy/1968-1972/B.S.

**VISSERS, Jack.** **ADR:** Kweekwal 138, 1602 EC Enkhuizen, Netherlands. **DB:** 03/07/58. **PB:** Emmeloord, Netherlands. **N:** Dutch. **PROF:** Plant Breeder. **EMP:** Zaadunie BV. **ADRE:** P.O. Box 26, 1600 AA Enkhuizen, Netherlands. **FAX:** 02280-12818. **TLX:** 57053 SG NL. **EXPERTISE:** Breeding. **SUB INT:** Commercial Breeding. **EDU:** Agricultural Univ. Wageningen, Netherlands/Plant Breeding/1977-1984/Tr.

**WALKEY, David Gerald Alan.** **ADR:** Daverica, Oxhill Rd., Tysoe, Warwickshire, U.K. **DB:** 29/11/37. **PB:** U.K. **N:** British. **PROF:** Research Plant Virologist. **EMP:** Institute of Horticultural Research. **ADRE:** Wellesbourne, Warwick, U.K. **OTEL:** 0789/840382. **EXPERTISE:** Breeding; Plant pathology. **SUB INT:** Resistant to viruses; Identification and control of viruses. **EDU:** Univ. of Wales/Botany/Mycology/1958-1961/B.S.; Univ. of Wales/Mycology/1961-1964/Ph.D.; National Vegetable Research Station/Virology/1964-/. **EXP:** Doctorate Fellow/1971-1972/Agriculture Canada Research Sta., Vancouver; Plant virologist specializing on vegetable problems/1964-present/.

**WANG, Chien Yi.** **ADR:** 4411 W. Caroline Ave., Beltsville, Maryland 20705, U.S.A. **DB:** 22/11/42. **PB:** Taiwan, R.O.C. **N:** American. **PROF:** Agricultural Researcher. **TITLE:** Research Horticulturist. **EMP:** U.S. Department of Agriculture. **ADRE:** Horticultural Crops Quality Lab., Bldg 002, BARC-W, Beltsville, Maryland 20705, U.S.A. **OTEL:** 301-344-3128. **EXPERTISE:** Plant physiology. **SUB INT:** Postharvest handling, physiology and storage of Chinese cabbage. **EDU:** National Taiwan Univ./Horticulture/1960-1964/B.S.; Oregon State Univ./Horticulture/1965-1969/Ph.D. **EXP:** Research Associate/1969-1976/Oregon State Univ.; Research Horticulturist/1976-present/U.S. Department of Agriculture.

**WANG, Chin Sheng.** **ADR:** 2F No. 38 Yung Hua 3rd Rd., Peitou, Taipei 11210, Taiwan, R.O.C. **DB:** 25/11/16. **PB:** Taipei, Taiwan. **N:** Chinese. **PROF:** Horticulturist. **TITLE:** Director. **EMP:** Sakata Seed Co. **ADRE:** No. 200 Hsi-Pe Village, Hsin-Kon Chia Yi 61606, Taiwan, R.O.C. **EXPERTISE:** Breeding; Plant pathology; Seed production; Plant physiology. **SUB INT:** Tomato & Chinese cabbage. **EXP:** Senior Specialist/1965-1966/Chinese Agrl. Misson, Vietnam. **REM:** Working in the vegetable field for 50 years.

**WANG, John T.** **ADR:** P.O. Box 96-32, Taipei, Taiwan, R.O.C. **HTEL:** 02-7074064. **DB:** 22/11/38. **PB:** China. **N:** Chinese. **PROF:** Trader. **TITLE:** General Manager. **EMP:** Pestere Corporation. **ADRE:** P.O. Box 96-32, Taipei, Taiwan, R.O.C. **OTEL:** 02-7036151. **TLX:** 12411 goodgene. **EXPERTISE:** Plant pathology; Entomology; Plant physiology; Others. **SUB INT:** Control of diseases and pests; Weed control, Fertilization, Soil improvement. **EDU:** National Chung Hsing Univ./Plant Pathology/1959-1963/B.S.; Univ. of Missouri, U.S.A./Plant Pathology/1967-1969/M.S. **EXP:** Junior specialist/ /Taiwan Provincial Department of Agriculture and Forestry; Manager and Assistant General Manager/ /BASF Taiwan Ltd.

**WATANABE, Eietsu.** **ADR:** P.O. Box 4, Kogot, Miyagi 987, Japan. **DB:** 02/07/34. **PB:** Miyagi Prefecture, Japan. **N:** Japanese. **PROF:** Manager of Seed Co. **TITLE:** President. **EMP:** Watanabe Seed Co., Ltd. **ADRE:** P.O. Box 4, Kogota Miyagi 987, Japan. **OTEL:** 0229-32-2221. **FAX:** 0229-33-3366. **EXPERTISE:** Breeding; Genetics; Cultivar trial; Plant pathology; Seed production.

**WATANABE, Tomoyuki.** **ADR:** 3-2-3-104, Azamino, Midori-Ku, Yokohama, Japan. **HTEL:** 045-903-0081. **DB:** 20/03/44. **PB:** Tokyo, Japan. **N:** Japanese. **TITLE:** Research Director. **EMP:** Plantech Research Institute. **ADRE:** 1000, Kamosida-Cho,

Midori-Ku, Yokohama, Japan. **OTEL:** 045-962-7080, 045-962-7492. **TLX:** J 24901.  
**EXPERTISE:** Breeding; Genetics; Tissue Culture. **SUB INT:** Plant varietal improvement through biotechnology. **EDU:** Tokyo Univ./Plant Nutrition/1965-1967/B.S.; M.C.I. Research Center/Chemistry/1967-1971/ ; International ERI/Agronomy/1971-1972/ ; Plantech Research Inst. /Tissue Culture/1982-1987/ . **REM:** Management of research and development.

**WEICHMANN, Jurgen.** **ADR:** Erlenstr. 49, 8051 Langenbach, Fed. Rep. Germany. **HTEL:** 08761-1342. **DB:** 22/09/41. **PB:** Weissenburg, Fed. Rep. Germany. **N:** German. **PROF:** Horticulturist. **TITLE:** Senior Res. Scientist. **EMP:** Vegetable Crops Science Inst., Techn, Univ. **ADRE:** 8050 Freising, Weißen Stephan, Fed. Rep. Germany. **OTEL:** 08161-713723. **EXPERTISE:** Cultivar trial; Post-harvest. **EDU:** Univ. Munich /Horticulture/ /Dipl. Ing. Agr.; Univ. Munich/Vegetable Crops/ /Dr. Agr.; Univ. Munich/Postharvest Physiology/ /Dr. Agr. Habil. **EXP:** Research, Development and Teaching/20 years/.

**WHITEAKER, Gary P.** **ADR:** 2066 Dennis Ray Ave. N.E., Salem, Oregon 97303, U.S.A. **HTEL:** (503)390-7939; (503)393-5503. **DB:** 21/07/44. **PB:** Eugene, Oregon, U.S.A. **N:** American. **PROF:** Seed Business. **EMP:** Atlantic Richfield Co. **ADRE:** 2066 Dennis Ray Ave N.E., Salem, Oregon 97303, U.S.A. **OTEL:** 503-390-7939. **EXPERTISE:** Breeding; Seed Production. **SUB INT:** Hybrid seed production. **EDU:** Oregon State Univ./Horticulture/1962-1966/B.S.; Univ. of Wisconsin/Genetics & Breeding/1966-1971/Ph.D. **EXP:** Research Assistant/1966-1971/Univ. of Wisconsin; Director of Research/1971-1976/Alf. Christianson Seed Company, Mount Vernon, Washington; Vice President for Research/1976-1981/Alf. Christianson Seed Company, Mount Vernon, Washington; Company Wide, Stock Seed Manager/1982-1985/Oregon Production Manager ARCO Seed Company-Subsidiary of Atlantic Richfield; Manager, Market Development/1986/ARCO Seed Company; Manager, Special Projects/1987-present/ Atlantic Richfield Corp. Customer Service and Liquidation of ARCO Seed Assets.

**WILLIAM, Ray D.** **ADR:** Horticulture Dept., Oregon State Univ., Corvallis, OR 97331, U.S.A. **DB:** 01/10/46. **PB:** Denver, U.S.A. **N:** American. **PROF:** Horticulturist. **TITLE:** Extension Horticulturist. **EMP:** Oregon State Univ. **ADRE:** Horticulture Dept., Corvallis, OR 97331, U.S.A. **EXPERTISE:** Cultural/management practices. **SUB INT:** Production research and extension; Multiple cropping; Farming systems research and extension; and Weed or vegetation management including living mulches. **EDU:** Washington State Univ./Horticulture/1964-1968/B.S.; Purdue Univ./Horticulture/1969-1974/M.S. & Ph.D. **EXP:** 4-H Exchange Program (Vegetables)/1968 6 months/Sri Lanka; Develop Graduate Weed Studies & Conduct Ph.D./1972-1974/Brazil; Training Officer & Crop Mgt. Specialist/1974-1977 2.5 years/AVRDC, Taiwan; Horticulturist and Farming Systems Advisor/1986-1988 2 years/Malawi; Contracts/short term/Jamaica, Bolivia, El Salvador, Philippines, Gambia and Jordan. **REM:** Vegetable production research and extension; weed science; multiple cropping and living mulches; Temperate and tropical horticultural crops.

**WILLIAMS, Paul H.** **N:** American. **TITLE:** Professor. **EMP:** Univ. of Wisconsin. **ADRE:** Dept. of Plant Pathology, 1630 Linden Drive, Madison WI 53706, U.S.A. **OTEL:** 608-262-6496. **EXPERTISE:** Breeding; Cultivar trial; Genetics; Plant pathology. **SUB INT:** Multiple disease resistance, Genetics, Breeding, Genetic resources. **EDU:** Univ. of British Columbia/Plant Science/1959/B.S.; Univ. of Wisconsin/Plant Pathology/1962/Ph.D.

**WILLS, Ronald B.H.** **ADR:** 37/2 Kooroma Place, Sylvania 2224, NSW, Australia. **HTEL:** (02)5229856. **DB:** 23/07/39. **PB:** Australia. **N:** Australian. **PROF:** Academic Scientist. **TITLE:** Professor. **EMP:** Univ. of New South Wales. **ADRE:** Dept. Food Science & Technology, P.O. Box 1, Kensington 2033, NSW, Australia. **OTEL:** (02)6974376. **TLX:** AA 26054. **EXPERTISE:** Plant physiology; Others. **SUB INT:** Postharvest handling-marketing. **EDU:** Univ. of New South Wales/Chemistry/1960-

1964/B.S.;Macquarie Univ./Plant Physiology/1968-1970/Ph.D. REM: 25 years experience in postharvest handling of numerous types of fruit and vegetables; published 200 papers and textbooks; FAO and IAEA consultant to Korea, ASEAN, Bangladesh.

**WILSON, George F.** DB: 28/12/34. PB: Port Antonio, Jamaica. N: Jamaican. PROF: Horticulturist. EMP: Jamaica Agr. Dev. Foundation. ADRE: 19 Dominica Drive, Kingston 5, Jamaica. EXPERTISE: Breeding;Cultural/management practices;. EDU: Univ. of Illinois/Horticulture/1968-1971/Ph.D.;Univ. of California, Riverside/Plant Science/1967-1968/M.S.;Univ. West Indies, Jamaica/Agronomy/1963-1966/B.S.;Jamaica School, Agr./Agriculture/1956-1959/Dipl. Agr. REM: Vegetable research, IITA, Ibadan, Nigeria; Private vegetable production, Ibadan, Nigeria.

**WING, Khen F. Lan Chow.** ADR: 69 B Labourdonnais St., Port Louis, Mauritius. DB: 11/02/49. PB: Mauritius. N: Mauritian. PROF: Research Agronomist. TITLE: Scientific Officer (Horticulture). EMP: Ministry of Agriculture, Horticulture Division. ADRE: Reduit, Mauritius. OTEL: 54-1091. EXPERTISE: Cultural practices; Seed production. SUB INT: Research in seed production, processing & storage. EDU: Royal College Port Louis/Science Subjects/1961-1968/Cambridge Higher School Cert.;Univ. of Mauritius/Agriculture/1969-1973/B.S.;Univ. of Edinburgh/Seed Technology/1985-1986/M.S. REM: Research in production aspects of vegetables.

**WISESSANG, Oraphun.** ADR: 71/88 Samakkee Rd., Amphur Muang Nondaburi 11000, Thailand. DB: 29/12/49. PB: Thailand. N: Thai. PROF: Plant Pathologist. EMP: Div. of Plant Pathology and Microbiology. ADRE: Dept. of Agr., Bangkok, Bangkok 10900, Thailand. EXPERTISE: Plant pathology. SUB INT: Epidemiology, ecology and disease control. EDU: Chiang Mai Univ./Field Crop/ /B.S.;Kasetsart Univ./Plant Pathology/ / .

**WITTWER, Sylvan H.** ADR: P.O. Box 73, Belmopan, Belize. DR: 17/01/17. PB: U.S.A. N: American. PROF: Agricultural Researcher. TITLE: Director Emeritus, Mich. State Univ. Agr. Expt. Sta. EMP: Devres, Inc. ADRE: Central Farm, Cayo District, Belize. OTEL: 092-2131/2129. TLX: 440184 DEVR LI. EXPERTISE: Cultural practices;Plant physiology;Tissue culture. SUB INT: Culture and climatic adaptation physiological responses. EDU: Utah State Univ./Horticulture/1935-1940/B.S.;University of Missouri/Horticulture/1940-1943/Ph.D. EXP: Professor of Horticulture/1946-1965/Michigan State Univ.;Director of Agricultural Research/1965-1983/Michigan State Univ.;Director Emeritus/1983-present/Michigan State Univ. REM: Michigan State Univ. for 41 years.

**WIVUTVONGVANA, Manee.** ADR: Faculty of Agr., Chiang Mai Univ., Thailand. DB: 12/03/46. PB: Thailand. N: Thai. PROF: Government Officer. TITLE: Assistant Professor. EMP: Faculty of Agr., Chiang Mai Univ. ADRE: Chiang Mai, Thailand. TLX: UNICHIMTH 43553. EXPERTISE: Breeding;Plant Physiology. EDU: Chiang Mai Univ./Agronomy/1964-1968/B.S.;Oregon State Univ./Horticulture/1971-1973/M.S.; Cornell Univ./Botany/1979-1981/Ph.D.

**WOJCIECHOWSKI, Andrzej.** ADR: Koscianska 14/1, 60-112 Poznan, Poland. DB: 22/01/50. PB: Sarnowa, Poland. N: Polish. PROF: Teacher of Univ. of Agriculture. EMP: Univ. of Agriculture. ADRE: Dept. of Genetics and Plant Breeding, Wojska Polskiego 71c, 60-625 Poznan, Poland. OTEL: 224-203, 402-29. EXPERTISE: Breeding;Genetics; Tissue culture. SUB INT: Interspecific crosses between different forms of Brassica; Self-incompatibility and male sterility in rapeseed; Embryogenesis. EDU: Technician of Plant Breeding/Plant Breeding/1964-1969/Technician;Univ. of Agriculture/Agriculture/1969-1974/M.S.;Univ. of Agriculture/Genetics/1974-1983/Ph.D.

**WONG, Sek Man.** ADR: Blk 10D #11-16, Braddell Hill, Singapore. HTEL: 2505705. DB: 11/04/55. PB: Hong Kong. N: Singaporean. PROF: Plant Pathologist. TITLE: Lecturer. EMP: National Univ. of Singapore. ADRE: Dept. of Botany, Kent Ridge, 0511, Singapore. OTEL: 7722976. EXPERTISE: Plant Pathology. SUB INT: Virus diseases of vegetables. EDU: Cornell Univ./Plant Pathology/1983-1987/Ph.D. REM: Plant Virus Lab. ATCC, 1985; Animal Virus Lab, Baker Institute, Cornell, 1986.

**WONG, Sunny S.H.** ADR: 2, Jen Railway 2/28, Petaling Jaya 46000, Selangor, Malaysia. DB: 06/07/45. PB: Singapore. N: Malaysian. PROF: Horticulturist. TITLE: Managing Director of a private firm. EMP: Exotica Landscape & Gardening Centre. ADRE: 1A, Jalan Chantek, (off. Jen Gasing), Sect. 5, Petaling Jaya, Selangor 46000, Malaysia. OTEL: 7566728, 7929930. EXPERTISE: Breeding; Cultural practices; Genetics. SUB INT: Varietal improvement; Cultural practices of vegetable crops. EDU: National Taiwan Univ./Agronomy/1964-1968/B.S.; National Taiwan Univ./Plant Breeding/1969-1971/M.S.; AVRDC/Plant Breeding/1972-1975/. EXP: Research Officer/1975-1982/Primary Production Dept., Singapore.

**WU, Yu Long.** ADR: 1, Known She Lane, Ming-Seng Rd., Pingtung 90002, Taiwan, R.O.C. HTEL: 08-7884098. DB: 26/09/34. PB: Ping-tung. N: Chinese. PROF: Plant Breeder. TITLE: Director, Kaohsiung DAIS. EMP: Provincial Dept. of Agr. and Forestry. ADRE: Chung Hsing Village, Nan-Tou, Taiwan, R.O.C. EXPERTISE: Breeding. SUB INT: Vegetable research. EDU: Univ. of Tokyo/Plant Breeding/ / Doctor. EXP: Team Leader of Chinese Agrl. Mission/1972-1974/Saudi Arabia.

**YABES, Salvador I.** ADR: 60 Diamond St., Umali Subdivision, College, Laguna 3720, Philippines. DB: 12/03/46. PB: Sinait, Ilocos Sur, Philippines. N: Filipino. PROF: Agricultural Researcher & Trainer. TITLE: Training Assistant. EMP: International Rice Research Institute (IRRI). ADRE: Training & Tech. Transfer Dept., P.O. Box 933, Manila, Philippines. OTEL: 9-409. TLX: (ITT) 45365 RICE INST PM. EXPERTISE: Cultural/management practices. SUB INT: Rice-based cropping systems; Vegetable crop production and management. EDU: Univ. of Philippines College of Agriculture/Soil Science/1963-1969/B.S.; Univ. of Philippines College of Agriculture/Horticulture (Vegetable Crop Production)/1969-1972/M.S.; Training at Thailand and Philippines, etc./Courses/1975-1987/.

**YAMAGISHI, Hiroshi.** ADR: Ootsuka 241, Ano, Mie, 514-23, Japan. HTEL: 05926-8-1017. DB: 26/02/51. N: Japanese. PROF: Senior Researcher, NIVOT. EMP: National Research Institute of Vegetables, Ornamental Crops and Tea (NIVOT). ADRE: Ano, Mie, 514-23, Japan. OTEL: 05926-8-1331. EXPERTISE: Breeding; Genetics; Tissue culture. SUB INT: Interspecific and intergeneric hybridization;; Protoplast culture and cell fusion. EDU: Kyoto Univ./Agronomy/1969-1973/B.S.; Kyoto Univ./Plant Breeding/1973-1975/M.S. EXP: Senior Researcher/1975-present/NIVOT.

**YANMAZ, Ruhsar.** ADR: 2. Durak, Miralay Nazim Bey Sok., No. 25 Yenimahalle, Ankara, Turkey. DB: 01/03/55. PB: Ankara, Turkey. N: Turkish. PROF: Lecturer. TITLE: Assoc. Prof. EMP: Univ. of Ankara. ADRE: Faculty of Agriculture, Dept. of Horticulture, Ankara, Turkey. OTEL: 3472100, 1298257. EXPERTISE: Anther culture. SUB INT: Has been working on obtaining pure Chinese cabbage lines by using anther culture techniques. EDU: Univ. of Ankara, Agr. Fac., Hort. Dept./Horticulture/1972-1977/B.S.; Univ. of Ankara, Agr. Fac., Hort. Dept./Cauliflower Seed Production/1978-1983/Ph.D. REM: Vegetable growing (outdoor and in glasshouse), vegetable seed production, pepper and tomato breeding against diseases, Phytophthora capsici and Corynebacterium michiganense.

**YAP, Thoo Chai.** ADR: 8, Jalan Manisan 3, Bukit' Indah, 58200, Kuala Lumpur, Malaysia. HTEL: 7822126. DB: 01/11/40. PB: Malaysia. N: Malaysian. PROF: Plant Breeder. TITLE: Professor. EMP: Univ. of Agriculture. ADRE: Dept. of Agronomy & Horticulture, 43400 Serdang, Malaysia. EXPERTISE: Breeding; Cultivar trial;

Genetics;Seed production. **SUB INT:** Genetic improvement of field and vegetable crops. **EDU:** Univ. of Saskatchewan/Plant Breeding & Biometrics/1969-1971/M.S. & Ph.D. **REM:** Research associate at Univ. of Western Australia and at Inst. of Genetics, Misima, Japan.

**YAU, Robert.** **ADR:** B P 100 Tahiti, French Polynesia. **DB:** 18/03/43. **PB:** Tahiti. **N:** French. **PROF:** Officer in Charge of Vegetables. **EMP:** Service Economie Rurale. **ADRE:** B P 100 Tahiti, French Polynesia. **EXPERTISE:** Pest control. **EDU:** College and Agricultural School/ /Diploma;Training: East West Center/Plant Pathology/1966 Sept. 6 weeks/ ;AVRDC/Training/1979 2 months/ .

**YAZGAN, Abdurahman.** **ADR:** Cumhuriyet Universitesi, Ziraat Fakultesi, Tokat 60030, Turkey. **DB:** 17/06/33. **PB:** Antakya, Turkey. **N:** Turkish. **PROF:** Horticulturist. **TITLE:** Professor in Horticulture. **EMP:** Cumhuriyet Univeritesi. **ADRE:** Ziraat Fakultesi, Ogretim Uyesi, Tokat 60030, Turkey. **OTEL:** Turkey 9-4751-5104. **FAX:** Turkey 9-4751-1490. **EXPERTISE:** Cultivar trial. **SUB INT:** Evaluation, adaptation and seed production of some cultivars of Chinese cabbage. **EDU:** Ankara Univ., Faculty of Agr., Turkey/G. Agrl. Science/1952-1956/B.S. Ankara Univ., Faculty of Agr., Statistics and Genetics/1969/Ph.D. **EXP:** Univ. Hanover, Agr. Faculty, Fed. Rep. Germany/Vegetable Res./1957-1962;Ataturk Horticulture Inst. Yalova,Turkey/Vegetable Res./1963-1970/Research Specialist;Cukurova Univ., Fac. of Agr., Adana, Turkey/Vegetable Res./1971-1975/Associate Professor;Cumhuriyet Univ., Fac. of Agr., Tokat, Turkey/Vegetable Res./1982-1987/Professor in Horticulture.

**YI, Bu Young.** **ADR:** Kyunggi, Suwon-Si, Seo Dundong 11/3 170, Rep. of Korea. **HTEL:** (0331)-44-3213. **DB:** 10/03/53. **PB:** Korea. **N:** Korean. **EMP:** Agrl. Sciences Institute. **ADRE:** Dept. of Genetics, Rural Development Adm., Suwon 170, Rep. of Korea. **OTEL:** 0331-44-5131 Ext. 271. **EXPERTISE:** Breeding;Genetics;Plant pathology; Tissue culture. **SUB INT:** Male sterility, Self-incompatibility, Host-parasite interaction, Biotechnology. **EDU:** Seoul City University/Horticulture/1971-1975/ B.S.;Seoul National University/Agronomy/1979-1982/M.S.;Seoul National University/ Agronomy/1982-cont./Ph.D. **EXP:** Junior Researcher/1976-present/Dept. Genetics, IAS (ASI), ORD (RDA) Rep. of Korea;Visiting Scientist/1983-1984/Univ. of Washington/Washington State Univ., U.S.A.

**YODPETCH, Chanai.** **ADR:** Faculty of Agriculture, Sriracha, Chonburi, Thailand. **DB:** 05/05/38. **PB:** Thailand. **N:** Thai. **PROF:** Official. **TITLE:** Associate Dean in Research and Development. **EMP:** Institute of Technology and Vocational Education. **ADRE:** Sriracha, Chonburi, Thailand. **EXPERTISE:** Cultural practices;Cultivar trial;Plant physiology. **SUB INT:** Summer Chinese cabbages. **EDU:** Central Luzon State Univ./Vegetable Crops/1968-1971/M.S.;Weed Science Research/Vegetable Crops/1972-1972/Cert.;Univ. of the Philippines/Vegetable Crops/1975-1978/Ph.D.

**YOON, Jin-Young.** **ADR:** AVRDC, P.O. Box 42, Shanhua, Tainan 74199, Taiwan, R.O.C. **HTEL:** (06)5837801 Ext. 277. **DB:** 26/08/46. **PB:** Rep. of Korea. **N:** Korean. **PROF:** Plant Breeder. **TITLE:** Associate Plant Breeder. **EMP:** Asian Vegetable Research and Development Center. **ADRE:** P.O. Box 42, Shanhua, Tainan 74199, Taiwan, R.O.C. **OTEL:** (06)5837801. **EXPERTISE:** Breeding;Genetics;Seed production. **SUB INT:** Breeding for high yield, disease resistance, heat tolerance and early maturity. **EDU:** Seoul National Univ./Agronomy/1966-1970/B.S.;Seoul National Univ./Plant Breeding, Horticulture/1982/Ph.D. **REM:** Breeding, genetics and tissue culture of Capsicum, crucifers and other leafy vegetables.

**YOSHIKAWA, Hiroaki.** **ADR:** A201, 670, Ogoso, Tsu-City 514-01, Japan. **HTEL:** 0592-32-0756. **DB:** 18/02/42. **PB:** Japan. **N:** Japanese. **PROF:** National Officer. **EMP:** National Research Institute of Vegetables, Ornamental Plants and Tea. **ADRE:** 360, Kusawa, Ano, Age-gun 514-23, Japan. **OTEL:** 05926-8-1331. **EXPERTISE:** Breeding;

Genetics. **SUB INT:** Cruciferous crops breeding (Clubroot disease, late bolting, heat tolerance, soft rot, verticillium disease, etc.). **REM:** Breeding of tomato, onion, asparagus for processing.

**YUI, Susumu.** ADR: Otsuka 241, Ano, Mie, 514-23, Japan. **HTEL:** 05926-8-0409. **DB:** 27/09/58. **PB:** Japan. **N:** Japanese. **EMP:** National Research Institute of Vegetables, Ornamental Plants and Tea (NIVOT). **ADRE:** Ano, Mie 514-23, Japan. **OTEL:** 05926-8-1331. **EXPERTISE:** Breeding; Cultivar trial. **SUB INT:** Bolting resistance; Disease resistance. **EDU:** Nagoya Univ./Plant Breeding/1977-1981/B.S.; Nagoya Univ./Plant Breeding/1982-1983/M.S. **EEM:** Lab. of crucifer vegetables in NIVOT for four years.

**ZAMBRI, Muhammad Pilus Bin.** ADR: 170B-1, Raja Abdullah Rd., Kg. Baru, 50300, Kuala Lumpur, Malaysia. **DB:** 25/05/59. **PB:** Malaysia. **N:** Malaysian. **PROF:** Agriculturist. **TITLE:** Agricultural Officer. **EMP:** General of Agriculture. **ADRE:** Dept. of Agriculture, Mahameur Rd., 50632 Kuala Lumpur, Malaysia. **OTEL:** 03-2982011. **EXPERTISE:** Cultural practices. **SUB INT:** Soil fertility. **EDU:** Agrl. Univ. of M'sia/Soil Fertility/1979-1982/B.S. **REM:** Provides soil inputs and services in the implementation of the Department's programs. Application of satellite data for crop monitoring and forecasting program.

**ZOLTA, Valentino Jalvague.** ADR: Sunrise Ave., Kabacan, Cotabato, Philippines. **DB:** 25/07/39. **PB:** Philippines. **N:** Filipino. **PROF:** Professor. **EMP:** Univ. of Southern Mindanao. **ADRE:** Kabacan, Cotabato, Philippines. **EXPERTISE:** Cultural practices. **EDU:** Univ. of Southern Mindanao/Agronomy/1962-1964/Diploma; /Rice Production/1968 (Jan.-June)/Certificate. **EXP:** Teaching Agronomy Subjects/1975-present.

**ZWIERZYKOWSKA, Elzbieta.** ADR: Os. Jara III Sobieskiego 31/11, 60-688 Poznan, Poland. **HTEL:** 235-249. **DB:** 26/05/48. **PB:** Nowa Sol, Poland. **N:** Polish. **PROF:** Biologist. **EMP:** Polish Academy of Sciences, Institute of Plant Genetics. **ADRE:** Strzeszynska 34, 60-479 Poznan, Poland. **OTEL:** 20-37-41. **TLX:** 0413749 IGR PAN. **EXPERTISE:** Breeding; Cultivar trial; Genetics; Tissue culture. **SUB INT:** Plant genetics, Tissue culture. **EDU:** Adam Mickiewicz Univ. Poznan, Poland/Biology/1968-1971/1; Deutsche Akademie der Landwirtschaftswissenschaften/Genetics, Tissue/1979 Aug. 4-31/ ; Institut fur Pflanzenschaftswissenschaften/Genetics, Rep./Culture/1980 Jan. 3 - 30 Apr./ .



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CHUNG, Ju-ho  
KIM, Byoung Woon  
KIM, Jae Y.  
KIM, Kyung Je  
KIM, Zhoo Hyeon  
KWACK, Soo Nyeon  
LEE, Do Hyeon  
LEE, Jung Myung  
LEE, Kwan Ho  
LEE, Kwang Sik  
LEE, Soo Seong  
LEE, Soon Hyung  
LEE, Yong Beom  
MOON, Kwang Sool  
NA, Jong Hyeon  
PARK, Rae Kyeong  
SHIM, Jai Sung  
SOHN, Sang Mok

YI, Bu Young  
YOON, Jir-Young

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FONG, Tham Waf  
HO, Ean Lee  
LIM, Eng Siong  
LIM, Guan Soon  
NORDIN, Mohd Shukor  
OTHMAN, Siti Doyan  
TAY, Chong Seng  
TRAMIN, Yahya Bin Hj Mohd  
WONG, Sunny S.H.  
YAP, Thoo Chai  
ZAMBRU, Muhammad Pilus Bin

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WING, Khen F. Lan Chow

Nepal

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BOS, Luite  
HOOP, Simon Jan de  
OOST, Emiel H.  
STRIJK, Paul J.  
VAN WIJK, Kees  
VISSERS, Jack

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Nicaragua

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ATRI, Gabby Ifo  
JOHN, Clanrewaju Joseph

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SUNDHEIM, Leif  
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Pakistan

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IQBAL, Muhammad

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CASAS, Andres V.  
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BELLO, Apolonia Talbo  
BONGATO, Elena Palis  
BORJA, Fidel Soberano  
BOTIK, Ernesto V.  
CADATAL, Macario Dangaloy  
CALIBO, Juanita Guevarra  
CASIDO, Romualdo L.  
COLTING, Lita Molitas  
DAR, William Dollente  
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DIZON, Romeo L.  
DOMINGO, Alfredo Agustin  
DOSAYLA, Edgardo D.  
EULUDUL, Roberto Bumidang  
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GABUCAN, Della Montano  
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GUIBAO, Rizalina Cocalon  
HECHANOVA, Herminio Fernandez  
JOROLAN, Alexander Trumata  
LAYAOEN, Thelma Z.  
LEGASPI, Benjamin M.  
LEOAN, Macanes Valentino  
LIGAT, Julio Sacla  
LUIS, Janet Sa-ong  
MADULI, Peter B.  
MAGALLONA, Edwin D.  
MANZANO, Victoriano Ginez  
MARGATE, Lorenzo Zamoras  
MELCHOR, Nelson Domingo  
MERIDA, Pedro Balite  
MILAGROSA, Sergai Patulot  
NUNAG, Benjamin Sarmiento, Sr.  
OPENA, Romeo T.  
OUDAPAS, Leriza O.  
PADUA, Danilo Pascua  
PALADA, Manuel Celiz  
PASCUA, Andres Dela  
PERELLO, Felicidad Agbigay  
PLAGATA, Cedric Posadas

RAMIREZ, Concepcion Pongos-Farrales  
RAYMUNDO, Reynaldo Luis  
REBARCOS, Roje Guoya  
REJESUS, Romeo S.  
SALIRE, Ramon Samarista  
SANCHEZ, Amornita Creus  
SANCHEZ, Samuel Amor  
SANTIAGO, Ramon Frias  
BISON, Eduardo C.  
TABERAS, Miguel Enquig  
TABLJE, Frederick Cable  
VERZOLA, Elizabeth Appad  
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YABES, Salvador L.  
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NLYNIEC, Waleria  
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ZWIERZYKOWSKA, Elzbieta

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LUIS, Lopez Bellido

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SANGAKKARA, Upatissa R.

St. Lucia

POLIUS, Julius J.N.

Tanzania

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JAYAMANGKALA, Nipon  
KHAMLIAM, Somkiat  
KHUMBOO, Mattanee  
LUMYONG, Pipob  
LURLARP, Chaibundit  
PILUEK, Kasem  
PIPITHSANGCHAN, Soontorn  
PRATHUANGWONG, Sutruedee  
RODWATTANAKUL, Nimit  
SAGWANSUPYAKORN, Chairerg  
SAITONGSUK, Trairat  
SAJJAPONGSE, Adisak  
TONGUTHAISRI, Thongchai  
VIPASRINIMIT, Sutep  
WISESSANG, Oraphun  
WIVUTVONGVANA, Manee  
YODPETCH, Chanai

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RESUL, Gercekecioglu  
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YAZGAN, Abdurahman

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SHAMSI, Mohammed Hassan

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CRISP, Peter Colin  
CRUTE, Ian Richard  
DAY, Michael John  
HODGKIN, Toby  
KEMBLE, Roger John  
LEWIS, Brian G.  
MYLECHREEST, Murray  
PEREGRINE, William Trevor Howell  
WALKEY, David Gerald Alan

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SPDNGENBERG, German C.

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AULD, Dick L.  
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DAVIS, David W.  
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ELKENBERRY, Eric J.  
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HONMA, Shigemi  
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MERO, Carl E.  
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THOMAS, Mitchell-Olds  
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