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ICRISAT

Sorghum and Millets Information Center
International Crops Research Institute for the Semi-Arid Tropics
ICRISAT Patancheru P.O.,
Andhra Pradesh 502 324, India
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Contents

Foreword	v
Preface	vii
List of Acronyms	ix
Language Codes	x
BIBLIOGRAPHY	1
GENERAL	1
BOTANY	3-5
General	3
Anatomy and Morphology	3
Taxonomy and Germplasm	5
PHYSIOLOGY AND BIOCHEMISTRY	5-11
General	5
Plant Growth and Development	6
Physiological Processes	9
GENETICS AND BREEDING	12-30
Genetics and Cytology	12
Breeding	18
Varieties, Varietal Trials, and Hybrids	21
AGRONOMY	30-61
General	30
Climatic Influences and Crop-Weather Relations	34
Soils	34
Irrigation, Water Requirements and Soil-Plant-Water Relations	36
Cropping Systems	37
Fertilizers and Plant Nutrients	38
Harvesting	44
Planting	44
Cultivation, Soil Management, and Tillage	46
Soil Microbiology	47
Weeds and Weed Control	47
Johnsongrass	51
Forage and Pastures	52
MECHANIZATION	61
SEEDS	61-62
PLANT PROTECTION AND SEED TREATMENT	62-63
PATHOLOGY	63-72
General	63
Seed Rots and Seedling Diseases	64
Root and Stalk Diseases	64
Foliar Diseases: Fungal Leaf Spots and Blights	64

Foliar Diseases: Rusts, Downy Mildews, and Sooty Molds 66
Inflorescence and Grain Diseases 67
Bacterial Diseases 69
Virus Diseases 69
Parasitic Flowering Plants 71
Nematodes 71

ENTOMOLOGY 72-82
General 72
Soil Pests 73
Aphids 73
Shoot Fly 75
Armyworm 77
Stem Borers 77
Spider Mites 78
Sorghum Midge 79
Head Caterpillar 80
Head Bug 80
Stored Grain Pests 80
Other Pests, including Birds and Rodents 81

POSTHARVEST OPERATIONS 82-83
Storage, Drying, and Milling 82

CHEMICAL COMPOSITION AND ANALYSIS 83-86

FOOD AND HUMAN NUTRITION 86-88
General 86
Nutritive Value 87

FEED AND ANIMAL NUTRITION 88-102
Feed: General 88
Feed: Silage 90
Feed: Forage Pastures and Greenchop 92
Feed-Grain: General 94
Feed-Grain: Ruminants 95
Feed-Grain: Swine 98
Feed-Grain: Poultry 99
HCN and Livestock Poisoning 100

TECHNOLOGY AND COMMERCIAL USES 102-103

ECONOMICS AND SOCIAL ASPECTS 103-105
General 103
Marketing, Trade, and Prices 104

AUTHOR INDEX 105-124

SUBJECT INDEX 125-134

GEOGRAPHIC INDEX 135-138

Foreword

One of the main functions of SMIC, the Sorghum and Millets Information Center, is to collect, collate, and disseminate information on sorghum and millets to research workers all over the world. Accordingly, SMIC personnel have been engaged in collecting references on sorghum and millets (and also copies of the original documents whenever possible), since its establishment in 1977.

SMIC has now embarked upon a program of publishing retrospective bibliographies on sorghum and millets. *Sorgho: Bibliographie Annotée de la Documentation Internationale en Français, 1900-1976,* was the first retrospective bibliography brought out by SMIC, published in September 1980. *Sorghum Bibliography 1970-73,* the present publication will be followed by *Sorghum Bibliography 1974-76 and Millets Bibliography 1970-76. Sorghum Bibliography 1977-80 and Millets Bibliography 1977-80* are under preparation. The bibliographic activities of SMIC are being carried out by a team of documetalists consisting of J. Arora, F. Divakar, R.G. Naidu, and S. Prasannalakshmi, under the guidance of S. Dutta, Head, Library and Documentation Services of ICRISAT. I sincerely hope that the research workers in the fields of sorghum and millets will find their efforts worthwhile.

J.S. KANWAR
Director, Research
ICRISAT

Preface

The *Sorghum Bibliography 1970-76*, now being brought out by SMIC, is intended as a sequel to the excellent publication *Sorghum: A Bibliography of the World Literature, 1964-69*, compiled by Baljeet Kaur under the guidance of Leland R. House and published by the Scarecrow Press in 1973 under the authorship of the Indian Agricultural Program of The Rockefeller Foundation. Originally it was intended to bring out the new bibliography in one volume. But later it was felt that the number of references were too many, and that it would result in too bulky a volume. Hence it has been decided to publish two independent volumes, covering the periods 1970-73 and 1974-76.

Since its establishment, SMIC's personnel have been busy in collecting references (and where possible, copies of the original documents) on sorghum and millets from a wide network of sources. Besides 600 primary periodicals, and such secondary services as *Agrindex, Indian Science Abstracts, Sorghum and Millets Abstracts* available in the ICRISAT library, other important sources of information have been the printouts from the following data bases: AGRICOLA, BIOSIS, CAB, CAN/SDI, IRAT, and the NTIS.

All references culled from the data bases were checked with the references collected from the ICRISAT library, to avoid duplication. A great deal of sifting and standardization work was involved, since there was overlap between the entries received from the various data bases, and the data-base bibliographic entries were not rendered uniformly.

Entries have been arranged according to the broad subject groups indicated in the table of contents. The pattern followed is similar to the 1964-69 *Bibliography*. Within each subject group, entries are arranged alphabetically by the author. For entries by the same author, chronological order has been followed.

Bibliographical entries contain sufficient data to identify the original document. Since in a number of cases the original documents were not available for checking, it has not been possible to furnish full details in all the entries.

Titles in foreign languages have been translated into English and the language of the original indicated in parentheses immediately after the translated title. AGRIS abbreviations have been used for languages. Language codes used in the entries are given on page x. Names of the periodicals have been given in full. However, names of the well-known institutions have been abbreviated to their acronym forms, and a list of acronyms, with their expansions, is accordingly given on page ix.

There are three indexes—author, subject, and geographic. In geographic index entries have been given under the countries concerned. Only in cases of India and the USA, where much relevant research work is being carried out, have entries been given under the State name, where available.

The main collection and compilation work for this *Bibliography* was initiated by C.D. Handa and Chandra Vaidyanathan and continued by R.G. Naidu, who has given the document its final shape. P.J. Kemp, IDRC Consultant to the SMIC Project, checked the foreign language entries. S. Prasannalakshmi helped in the standardization of bibliographical citations, and P. Divakar in the preparation of the subject and geographic indexes.

The contribution of the Information Services, ICRISAT, in the final editing and printing, is gratefully acknowledged.

This publication is made possible by the financial assistance received from IDRC, Canada, for the SMIC Project.

Subrata Dutta
Head, Library and Documentation Services
ICRISAT

Language Codes Used in the Entries

Al	Albanian	Ja	Japanese
Ar	Arabic	Ko	Korean
Bg	Bulgarian	Ma	Macedonian
Ch	Chinese	Nl	Dutch
Cz	Czech	Pl	Polish
Da	Danish	Pt	Portuguese
De	German	Ro	Romanian
En	English	Ru	Russian
Es	Spanish	Sh	Serbo-Croat
Fr	French	Sk	Slovak
Hu	Hungarian	Sn	Slovenian
In	Indonesian	Tr	Turkish
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GENETICS AND BREEDING

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FEED AND ANIMAL NUTRITION

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ECONOMICS AND SOCIAL ASPECTS

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AUTHOR INDEX

Aaron, D.S., 1280
Abad, Y., 1527
Abbott, J.C., 3360
Abdo, S., 2864
Abdullahi, A., 0210
Abel, M.E., 3383
Abeles, F.B., 0218
Abichandani, C.T., 1755, 1756, 1834-1836, 1895
Abiuso, N.G., 3337
Abraham, E.V., 2708
Abrol, I.P., 1195
Abrol, Y.P., 1436
Adam, F.H., 3361
Adams, A.W., 3247
Adams, D.R., 3064
Adams, G.D., 3129, 3137
Adams, J.E., 1156, 1157
Ademosun, A.A., 3239
Adesiyun, A.A., 2676
Adrian, J., 2856, 2876, 2877, 2913, 2929, 2953
Adriano, D.C. 1281
Agarwal, S.C., 1282, 2192
Agren, G., 2878
Aherne, F.X., 3228, 3229
Ahlgren, H.L. 1981
Ahluwalia, M., 1757-1759, 1969
Ahmad, M., 2435
Ahmed, A., 2157
Ahmed, M.A., 2089
Ahmed, S.N., 1760
Ahmed, S.O.S., 1667
Ahn, K.O., 2912
Ahuja, L.D., 1761
Ahuja, V.P., 0288
AICSIP, 0007-0009
Aidorova, E.K., 3330
Aii, T. 3029-3031, 3282
Alagianagalingam, M.N., 2236
Alam, S., 1762
Al-Ani, A.N., 0211, 1158, 1159
Albin, R.C., 2914, 2915
Albritton, R.C., 0726, 2009, 3027
Albu, M., 1944, 1945, 3310
Albuquerque, J.J.L., 1334
Alcantara, P.F., 3207
Aldhuy, A., 1063
Aldoshina, V.I., 0655, 0658, 0856, 0857, 2999
Aleksashova, V., 2916
Alexander, J., 2998, 3059, 3102
Alexander, J.P., 2927
Alexander, R.M., 3129, 3138
Ali, F.M., 1283
Ali, K., 2157
Alkamper, J., 3362
Allee, G.L., 3208
Allen, D.M., 3148
Allen, L.H., 1138
Allen, L.R., 0993
Allen, R., 2812, 2813
Allen, R.J.Jr., 0708, 0761, 0932, 1160, 1161, 1465, 3032
Allen, R.R., 1197, 1460, 1691
Allen, S.E., 1318
Allen, W.A., 0311
Allen, W.S., 0076
Allwood, A.J., 2389
Alonso, R.E., 1162
Amador, J., 2090
Amangel'diev, K., 1550
Ambegaonkar, L.V., 0709
American Seed Trade Association, 0010
Amin, J.B., 1558
Amougou, J., 2375
Anand, M., 2572, 2579
Ananda Krishnan, K.B., 2672
Anderson, J.O., 3240
Anderson, J.M., 0289
Anderson, K.S., 0297
Anderson, L., 1816
Anderson, R.A., 0011, 2706, 2707, 2711
Anderson, W.K., 0994
Ando, T., 1284, 1285, 3307
Andrade, P.C.O. de., 3025
Andrew, C.S., 1763
Andrews, D.J., 0600-0602, 1206, 1231-1233, 1466
Andries, J., 2091
Angel, S.B., 0710
Anstaett, F.R., 2799, 3174
Anthony, W.B., 2968 2990
Antongiovanni, M., 0325
Antonova, O.G., 0284
Anuchit Chinajariyawong, 2432
Anwar, S.A., 2366
Apaya, W.A., 3361
Apichatabootra, A., 2753
Appadurai, R., 0711, 1764
Appaiah, K.M., 0263
Appala Naidu, B., 1234
Appert, J., 2568, 2569
Appolonia, B.L., 3325
Arata, H., 1765 1912
Araujo, M.R., 2996
Archer, T.L., 2452
Arganosa, V.G., 3207
Ariel, D., 1554
Arledge, J.S., 0768
Armas, A., 3241
Armbrust, D.V., 0290
Armstrong, J.E., 1467
Armstrong, J.F., 2574
Armstrong, T.L., 0099, 2021
Armstrong, W.D., 3242
Arnold, B.L., 0726
Arnold, J.D., 0712, 0754, 1766
Arnold, J.L., 3167
Arnold, W.E., 1702
Arnould, J.P., 0012, 3363
Arntzen, C.J., 0367
Aronovicii, S., 3056
Arora, N.D., 0482, 1905, 1926, 1962, 3033
Arora, S.K., 0213, 1189, 1926, 2754, 2755, 2767, 2847, 3033-3035
Arrarte, J., 1100
Arraudeau, M., 0995
Arrivets, J., 1286, 1389
Arunachalam, V., 0499
Arwar, R.B., 1300, 1475
Asaf, A.K., 2488, 2708
Asana, R.D., 0291
Ashagari, D., 2237
Ashdown, D., 2494, 2606, 2616
Ashok Kumar, T.N., 2521
Aslam, M., 1163
Assegninou, S., 0013
Aswathaiah, B., 0822
Atale, S.B., 0373
Atar Singh, 1287-1289
Atkins, R.E., 0014, 0163, 0374, 0375, 0439, 0480, 0713-0718, 0968, 1144, 1468, 1497, 2819
Auren, 2709
Austin, A., 0580, 2740, 2756
Avila, G.E., 3243, 3250
Avila, V.A., 1529
Avilan, R.L., 1290
Axtell, J.D., 0539
Ayers, R.S., 1126

Babadzhanov, R.A., 0110
Babhulkar, N.N., 2501, 2607
Babiker, B.I., 1493
Babu, A.R., 0100
Baby, V.J., 3364
Bacs, B., 0336, 0337
Bacsa, P., 0996
Bade, D.H., 2797, 2798, 3130
Badwal, S.S., 1767
Bagga, A.K., 0291
Bagga, R.K., 1954
Baghel, S.S., 1933
Bagyaraj, D.J., 1559
Bahmuller, S., 1945, 3310
Bailey, J.L., 0292
Bain, D.C., 2171, 2193, 2210
Bains, S.S., 1114, 1287-1289
Baird, D.M., 2732
Baird, G.B., 1116
Baird, R.W., 1164
Bajai, J., 1184
Bajpai, K.S., 1351
Baker, B., Jr., 3216
Bakhareva, S.N., 0997
Bakir, O., 1768
Bakke, J.E., 3131
Balachandran, M., 0603
Balaeva. A., 0719
Balakotaiah, K., 0499, 0500, 0903
Balandina, I.D., 1703
Balasubramanian, A., 0181, 1560-1564
Balasubramanian, K.A., 2194-2197
Balasubramanian, R., 1323
Balasundaram, C.S., 1165
Baldoni, R., 1769-1771, 2917
Baldwin, F., 1671
Baldy, R., 2833
Baligar, V.C., 1188
Ball, W.S., 1469
Ballatore, G.P., 1772
Ballester, D., 2846
Ballou, C.E., 3340
Balvir Verma, 1198
Banerjee, S.N., 2064
Banigo, E.O.I., 2714, 2879
Banks, J.C., 2125
Banwart, W.L., 1385

Banyal, L., 0604, 0720
Bapat, S.R., 1355
Barakat, M.A., 1773
Barbulescu, A., 0721, 0722, 2441, 2442, 2776
Barcudi, R., 1714
Bardossy, A., 1774
Bareas, F., 2018
Bark, L.D., 1528
Barna, B., 0998
Barnes, D., 2564
Barnes, G., 2392
Barnes, R.F., 1791
Barnett, F.L., 0676
Baron, H.M., 1584
Barrault, J., 0015, 1530, 1775
Barrington, G.P., 1776
Barry, B.D., 2502-2504
Bartholick, J.F. 1128
Bartleson, J.L., 0937, 0938
Bartley, E.E., 3200
Basail, J.O., 3367
Baser, S.L., 2597
Bashaw, E.C., 0126
Baslime, D.R., 0973
Basinski, J.J., 1889
Baskaran, P., 2505
Baskin, C.C., 2091, 2713
Bass, L.N., 2710
Basu, A.K., 0376
Basu Chaudhary. K.C., 2126
Bates, L.S., 0182, 2757
Bathkal, B.G., 1199, 1291
Bathurst, J., 2772, 2907
Batte, R.D., 2314
Batterham, E.S., 3209
Baylor, J.E., 0723
Beadle, C.L., 0293, 0294
Beames, R.M., 3210, 3211
Bearden B.J., 3002
Beaty, E.R., 1788
Beckwith, A.C., 2758, 2759, 2787
Becton, A.J., 1584, 1585
Beeby, L.D., 2918
Beeson, W.M., 3132
Beeton, R.J.S., 0994
Begg, J.E., 0365
Behrendt, S., 1639
Beigle, M.L., 0367
Belak, S., 0295
Belkina, N.N., 3051
Bell, D.K., 2151
Belous, N.V., 0724
Beltran, J.A., 2443
Benacchio, S.S., 1129
Beniwal, S.P.S., 2315
Bennett, W.F., 0296
Bentley, C.R., 0994
Beohar, A.B.L., 3283
Ber, O.E., 0277, 2065
Beraho, E.K., 0377
Berducou, C., 0328, 1327
Berducou, J., 0327, 0328, 2778
Berger, B.H., 2028
Bergquist, R.R., 2133, 2198
Berra, E., 1292
Berry, J.A., 0305
Berry, L.D., 3133
Bertrand, J., 3284
Bertrand, J.E., 3134, 3135, 3169
Berydze, A., 1704
Beshanov, A.V., 1569
Betala, S.R., 2597
Bezpalyi, N.D., 0605
Bezrukov, M.V., 1570
Bhadauria, A.S., 2696
Bhagia, N.K., 1874
Bhagmal, 1777, 1890, 1907, 3306
Bhagwan Das, 1642, 2847, 3034
Bhagwat, V.Y., 2113, 2127, 2128, 2238, 2239
Bhan, S., 0214
Bhan, V.M., 1571, 1572
Bhandari, G.S., 1293
Bharara, L.P., 1212
Bhardwaj, B.D., 0725
Bhargava, K.S., 2316
Bhargava, P.D., 0171
Bhargava, S.C., 0183
Bhari, N.R., 1520
Bhaskaran, R., 2219
Bhaskara Rao, E.V.V., 0215, 0378, 0379, 0508-0512, 0673
Bhatia, I.S., 0216, 1952, 2775, 2848, 3081
Bhatnagar, G.C., 2240, 2241, 2383
Bhatnagar, S., 0832
Bhavani, B., 2880
Bhombe, B.B., 2174
Bhor, S.M., 1166
Bhowmik, T.P., 2152, 2296
Bianco, V.V., 1167
Bidari, V.B., 2115
Bieber, G.L., 0726, 0727, 0851
Bigot, A., 1640, 2930
Bilbro, J.D., 0999
Bilkovich, F.R., 3239
Billot, C., 1856
Biradar, B.M., 1379
Birchfield, W., 2367, 2376
Bishop, D.G., 0297
Bishop, H.G., 1778
Bitzer, M.J., 0793, 2045
Blackman, J.G., 2408
Blaedel, W.J., 1816
Blair, B.O., 1129
Blasingame, D.J., 1705
Blessin, C.W., 2711, 2765, 2766
Blinc, M., 0184
Bliss, M., 0354
Blocker, H.D., 1779
Blondel, D., 0728, 1000, 1294, 1295
Blondon, F., 0111
Blum, A., 0185, 0298, 0380-0382, 0606, 1200, 1201, 1235, 1236, 1470
Blumenfeld, T., 1573
Blunt, C.G., 1780
Boado, J.R., 0729
Boardman, N.K., 0289
Bobde, G.N., 1296, 1297
Bocan, B.J, 2718
Bockholt, A.J., 0963, 0965, 2037, 2092, 2204, 2314, 2350, 2411, 2461
Bodade, V.N., 0494
Bodisco, V., 1957
Bohl, L., 1432
Bohman, V.R., 3015
Bohn, H.L., 2116
Boin, C., 1984, 3021
Boiko, V.V., 0119
Bokany, A., 0336, 0337
Boller, R.A., 3315
Bollinger, J., 1237
Bolsen, K.K., 2919, 2969, 2970, 3091, 3093
Boltovskaja, J.I., 0858
Bolyshev, N.N., 1781
Bommegowda, A., 0048, 0324, 0825
Bonciarelli, F., 1782, 1783
Bonilla, L.N., 0071
Bonino, M.F., 3244
Bonnemann, J.J., 0730-0733
Bonner, W.P., 1168
Bone, M., 0016, 0607, 1001
Bonomo. G., 1947
Boonlia, D.S., 0171, 1062
Boosalis, M.G., 2134, 2170
Boquet, G.P., 0939, 1525
Borikar, S.T., 0383
Borkar, G.M., 2127, 2128
Bornstein, S., 3245, 3246
Borulkar, D.N., 1298, 1471
Boscan, L., 2837
Boseck, J.K., 3049
Bottrell, D.G., 2390, 2444-2446, 2448-2451, 2492, 2493, 2600, 2608
Bouchet, F., 1607
Boucourt, R., 3158
Bough, W.A., 0217, 2760
Bourrier, E., 2806
Bovey, R.W., 1645, 1966
Bowden, B.N., 2761
Bowen, J.E., 1784
Bowen, T.E., 3274
Bower, C.A., 1785
Bowman, D.H., 0734, 0735, 0781
Bowmer, K., 1786
Box, J., 0076
Boyd, F.T., 3285
Boyer, W.P., 2391, 2392
Bradfield, R., 1238
Bradley, J.W., 3262
Bradley, N.W., 3084
Bradley, W.E., 3247
Bragg, D.B., 2835, 3275
Brahmakshatriya, R.D., 1787
Brakel, W.J., 2987
Brandsberg, J.W, 3260
Braverman, S.W., 1807, 2257
Bravinder-Bree, S., 0355
Brawand, H., 1331
Bray, D.W., 1950
Brenes, E., 1169
Breniere. J., 2393, 2506, 2507, 2570
Brent, B.E., 3110, 3119
Brethour, J.R., 2920
Breuer, L.H., 2957, 3161
Breuer, L.H.Jr., 2882
Briley, M., 2888, 2889
Briley, M.E.W., 0299, 2762
Brindley-Richards, G.I., 0608
Brinsmead, R.B., 0736

Briscoe, C., 2009, 3027
Broadhead, D.M., 0737, 0773, 0939, 1454 1455, 1472, 3332
Brodie, B.B., 2377
Brooking, I.R., 0186, 1136
Brooks, J.S., 0522
Brothers, G.W., 2598
Brown, A.R., 1788
Brown, E.S., 2565
Brown, J.C., 1170
Brown, L.D., 3304
Brown, R., 0112
Brown, R.H., 1819
Brown. R.J., 3124
Brown, V.L., 2968, 2990
Brown, W.H., 3136
Bruhn, H.D., 1776
Brun, L.J., 1130-1132
Brupbacher, R.H., 1299, 1383
Bruns, H.A., 1491
Bryan, W.E., 1789
Brzozowski, G.R., 3232
Bsova, K.I., 3297
Buck, C.F., 3084
Bucur, N., 0187
Budoi, G., 3287
Bunce, R.C., 1790
Bunting, A.H., 0738
Buntjer, B.J., 1261
Bur, R., 0334
Burbridge, L.H., 2707
Burchett, D.M., 2447, 2477
Burhanuddin, M., 1239
Burnett, E., 1147, 1148
Burns, E.E., 0339, 0872, 2863
Burns, J.C., 1791
Burns, R.E., 0174, 0229, 0230, 2685, 2763, 2783, 2784
Burnside, O.C., 0222, 1574-1581, 1606, 1687, 1695, 1696
Burrougs, R., 2242
Burt, G.W., 1706, 1752
Burton, G.W., 0113, 2378, 2379, 3047, 3061, 3112
Busey, P., 0384
Bush, L.J., 3129, 3137, 3138
Bushara, A.G., 2508
Busson, F., 2764
Butler, O.D., 2959, 3120
Byford, I., 3085
Byth, D.E., 2348
Cabangbang, R.P., 1002, 1240
Cabelguenne, M., 1211
Caddel, J.L., 1133-1135
Caffrey, P.J., 3228, 3229
Cahill, V.R., 3182, 3183
Calderon, G., 0907, 0908
Calhoun, M.C., 3139-3144, 3198
Calkins, C.O., 2436
Calvert, G.V., 2733
Camargo, C.P., 2032
Cameron, D.G., 1029, 1030
Campbell, C.M., 2033
Campbell, L.G., 0385, 0610
Campins, L., 0772
Campos, J., 2986
Canerday, J.V., 1707
Capote, F., 2837
Cappelletti, C., 3152, 3153
Carasso, F.M., 2150
Cardenas, J., 0829, 1582
Cardenas, R., 0312
Carlson, C.W., 3257
Carlson, G.E., 0791
Carlson, V.P., 3148
Carmo, C.M.do., 0767, 1334
Carneiro, A.M., 1473
Carranza, R.L., 2399
Carriloo, S.J.L., 2624
Carrillo Mendez, L.E., 1792
Carter, O.G., 0286
Cartledge, O., 1793
Carvalho, S.R.de. 1473, 1794, 1795
Casady, A.J., 0329, 0385-0388, 0610, 0676, 0853, 0974, 2481
Casalis, P., 1313
Castagne, M., 3326
Castaing, J. 3212
Castleberry, R.M., 1474
Castro-Martin, M., 0907-0909
Caswell, G.H., 2712
Cabangbang, R.P., 1002, 1240
Cabelguenne, M., 1211
Caddel, J.L., 1133-1135.
Caffrey, P.J., 3228, 3229
Cahill, V.R., 3182, 3183
Calderon, G., 0907, 0908
Calhoun, M.C., 3139-3144, 3198
Calkins, C.O., 2436
Calvert, G.V., 2733
Camargo, C.P., 2032
Cameron, D.G., 1029, 1030
Campbell, C.M., 2033
Campbell, L.G., 0385, 0610
Campins, L., 0772
Campos, J., 2986
Canerday, J.V., 1707
Capote, F., 2837
Cappelletti, C., 3152, 3153
Carasso, F.M., 2150
Cardenas, J., 0829, 1582
Cardenas, R., 0312
Carlson, C.W., 3257
Carlson, G.E., 0791
Carlson, V.P., 3148
Carmo, C.M.do., 0767, 1334
Carneiro, A.M., 1473
Carranza, R.L., 2399
Carriloo, S.J.L., 2624
Carrillo Mendez, L.E., 1792
Carter, O.G., 0286
Cartledge, O., 1793
Carvalho, S.R.de. 1473, 1794, 1795
Casady, A.J., 0329, 0385-0388, 0610, 0676, 0853, 0974, 2481
Casalis, P., 1313
Castagne, M., 3326
Castaing, J. 3212
Castleberry, R.M., 1474
Castro-Martin, M., 0907-0909
Caswell, G.H., 2712
Catchpoole, V.R., 2971
Cate, J.R., 2638
Cate, J.R.Jr. 2445, 2446, 2448-2451, 2492, 2493, 2600, 2608
Cater, C.M., 2721, 2821
Cauthen, S., 2890
Cavalan, P., 2034
Cavalcanti, S.S., 3025
Cavazza, L., 1167
Cavins, J.F., 2765, 2766
Celidonio, C., 2921
Cenni, B., 3253
Cervato, A., 1531
Cesar, T.I., 1473
Chachoria, H.S., 2509
Chadhokar, P.A., 1583
Chalapathy, K., 1559
Challaiah, 1391
Chamberlain, E.W., 1584, 1585
Chamberlain, R., 1003, 1004
Chamblee, D.S., 0747
Chambolle, M., 3213
Chan, M., 1797
Chandola, R.P., 1062, 2072
Chandra, J., 2571, 2677
Chandra, S., 0389-0391, 2004, 2767
Chandrasekhar, K., 1647
Chandrasekharan, P., 0490, 1708
Chandra Singh, D.J., 1586-1588
Chandravanshi, B.R., 1300, 1475
Chang, A.C., 1281
Channa Basavanna, C.P., 2609
Channer, G.W., 0017, 1005
Chansard, R., 3313
Charles, J.P., 1798
Charoy, J., 0018, 1202
Chatterjee, B.N., 0275, 1260
Chatterjee, S.N., 2317
Chattopadhyay, S., 0897
Chaudhari, S., 2580, 2581, 2584, 2619
Chaudhary, J.P., 1709
Chaudhary, M.H., 1006, 1799
Chaudhary, M.S., 0390
Chaudhry, G.Q., 2366
Chaudhry, N.A., 2366
Chauhan, B.P.S., 0392-0394
Chavda, D.H., 0395, 0396
Chawanapong, C., 0746, 1477
Chawla, M.L., 2368
Cheatham, L.F.Jr., 3136
Chedester, L.D., 2455, 2456
Chenault, E.W., 1589, 1637, 1697, 1698
Chenchuramaiah, B., 1301
Chernomordov, V.F., 1892
Cherry, M., 2035
Chesani, P.I., 0270
Chetram, R.S., 0739, 0740, 2678
Chetty, V.R., 0741
Chevassus-Agnes, S., 2717
Chevres-Roman, R., 2369
Chicco, C.F., 3241
Chinnadurai, G., 2234, 2243-2256
Chinoy, J.J., 0270, 0271
Chisci, G.C., 1302, 1303, 1590, 1800
Chittaranjan, S., 1185, 1198
Chopart, J.L., 1171, 1532
Chopde, P.R., 0742-0745, 0952, 1304 1471, 1801, 2113, 2353-2355, 2611
Choubey, S.D., 0930, 1417
Choudhari, C.S., 1306

Choudhari, S.D., 0742, 1304, 1471
Chowdhary, R.K., 1409
Chowdry, K.R., 1307
Christeller, J.T., 0360
Christensen, C.M., 0269, 2093, 2094
Christensen, J.E., 0114, 0115
Christiansen. R., 3127
Chu, C.C., 0135
Chumaevskaya, M.A., 2301, 2302
Chundawat, G.S., 1308, 1416, 1476, 1520
Chundurwar, R.D., 2541
Chung, D.S., 2022
Chung, J.H., 0397, 1007
Chung, K.Y., 1275
Chutkaew, C., 0746, 1477
Chyba, L.J., 2969
CIANO, 0019
Cimerman, A., 0184
Cimponeru, N., 1941
Citharel, J., 0300
Clank, T.F., 3327
Clanton, D.C., 2972
Clapp, J.G., 0747
Clark, D.C., 2023
Clark, H.E., 3114
Clark, L.E., 0116, 0748, 2066, 2199, 2803, 3106
Clark, N.A., 1965
Clarke, L.E., 2036
Clarke, P.A., 2851, 2852
Clegg, M.D., 1008, 1533
Cline, T., 3234
Cloninger, F.D., 1491
Clusjey, J.E., 2844, 2845
Cmarik, G.F., 2973
Coats, R., 3027
Cochard, B., 1534
Cohen, R.S., 3214
Coker, J.R., 0966
Colegrove, M.L., 1172
Coleman, D.H., 0773
Coleman, E., 2915
Coleman, O.H., 0737
Coles, L.W., 2474
Coley, W.R., 3352
Collins, F.C., 0117, 0398, 0399
Combret, M., 1313
Conde, B., 2344
Condray, J.L., 1650, 1651
Conlon, T.J., 1839
Conn, E.E., 0266, 0267, 2830
Conn, J., 2958
Connole, M.D., 3286
Connor, D.J., 1793
Conover, R.A., 0761
Conrad, B.E., 1309, 1363
Conrad, H.R., 2987
Conrad, J.H., 2934, 2935, 3234
Contreras, D., 2846
Cook, G.E., 2134
Coon, J.G., 3194, 3195
Cooper, D.T., 0020
Cooper, G.L., 3328
Corleto, A., 1310
Cornejo, V.S., 3225
Coscia, A., 3092, 3365
Cossio, R.P., 1714
Costa, F.M.da., 1802, 2922
Costa, J.A., 1311
Costa, O.M.M., 0101
Cotte, A., 1009
Couch, J.R., 3248, 3249
Couretot, A., 3366, 3367
Cowley, W.R., 1010, 1490
Cowman, G.L., 3215
Cox, O.J., 2919, 3093
Cox, T.I., 1456
Crafford, D.J., 1173
Craig, A.S., 0359
Craigmiles, J.P., 1819
Craker, L.E., 0218, 0219
Crill, D., 0400
Crill, D.J., 0609
Croissant, R., 1591
Crook, W.J., 0401, 0610
Crosier, W.F., 2257
Croy, L.I., 3072
Cruz, R.A., 3353, 3354
Cruzado, E.J., 0087
Cruzado, H.J., 3112
Cuca, G.M., 3243, 3250
Cucu, I., 1939
Cuculiu, A.F., 3309
Cummings, K.R., 2977, 3008, 3094
Cummins, D.G., 1241, 2732, 2733, 2784, 2923, 2974-2976, 3036
Cunha, P.G., 2948, 3145
Cunningham, B.A., 2826
Cunningham, M.D., 3037
Cunningham, R.L., 3327
Curtis, D.L., 0738
Cyrankowska, B., 1875

Dabholkar, A.R., 0402, 0611, 0612, 1933
Dahmen, W.J., 0461
Daiber, K.H., 3329
Dainello, F.J., 2371
Dalela, G.G., 2277
Damodaram, G., 1096, 1267, 1507
Dang, K., 2572, 2582
Dange, S.R.S., 2200
Daniel, V.A., 2883-2885, 2895-2898
Daniels, L.B., 2978, 3146, 3147
Daniels, L.J., 3210, 3211, 3236
Daniels, N.E., 2318, 2437, 2438, 2453-2456, 2462, 2633
Danielson R.E., 1208, 1209
Danley, M.M., 3038-3040
Dann, P.R., 1803-1804
Dao, D.F., 2370
Das, M.N., 1312, 1344
Dastane, N.G., 1011, 1199, 1375
Daulaly, H.S., 1976, 1979, 1980
Dave, A.D., 3006
David, H., 2677
Davidescu, D., 3287
Davidescu, V., 3287
Davies, F.F., 0749-0751, 0892, 3072, 3251
Davies, J.C., 2394
Davis, A.B., 0127
Davis, F.M., 2576
Davis, G.V., 3082, 3122, 3123
Davis, J.H., 0940, 0941
Davis, R.G., 1020
Davison, K.L., 3131
Dawe, S.T., 3071
Dayanand, 1221
Dayton, A.D., 0135, 0449, 2799, 3174
De Alba, G., 0403
Deatherage, W.L., 2711
Deaton, J.W., 3262
Decau, J., 1313
Dèchev, I., 0404, 1314, 1315, 1478-14
1535, 1592-1594, 2768
Dekate, Y.G., 0220
Delafond, G., 3408
Delaney, N.E., 0736
Delassus, M., 2095, 210b
Delcasso, C., 0021
Delgadillo, G., 1960
Delong, R., 0876
Delouche, J.C., 2713
Delvo, H.W., 1595
De Man, J.M., 2714
Demarquilly, C., 2924
Dembele, V., 0300
Dembele, Z.V., 2925
Demidenko, P.M., 0752
Dendy, D.A.V., 2851, 2852
Denham, A.., 1805, 2980
Denman, C.E., 0712, 0753, 0754, 089
1766, 3251
Dennis, R.E., 0755, 2326
Deole, C.D., 0709
Deore, B.P., 2510, 2511, 2637
Deore, D.N., 0241
Deosthale, Y.G., 2769-2771
DePew, L.J., 2395, 2457, 2458
Dergach, T.V., 0414
Derscheid, L.A., 1536
Desai, B.L.M., 2883-2885, 2895
Desai, D.K., 2051
Desai, K.B., 0756
Desai, M.K.S., 2662
Desikachar, H.S.R., 2715, 2751, 2752, 2841, 2853
Devasahayam, P., 0578
Devetak, Z., 1606
Devillers, P., 0326
Dewan, S., 3256
De Wet, J.M.J., 0102-0104, 0168, 0169
Deyoe, C.W., 0329, 2747, 2757, 2772, 2901, 2907, 3200, 3247, 3270, 3273
Dhaliwal, G.S., 1190
Dhamdhere, S.V., 2573
Dhami, B.M., 3066
Dharmpal Singh, 0405, 0406
Dhillon, G.S., 2004
Diaz, B.E., 2074
Diaz, C.G., 2610
Diaz, H.B., 3041
Diaz, N., 2749
Dicke, F.F., 2396
Dickerson, O.J., 2371
Didier, M., 2981
Dietrich, R.A., 3385
Diggs, B.G., 3216
Dimitrova, R., 2831, 2950, 2951
Dimov, P., 1596
Dinesh, C., 2402

Dingerson, R.L., 3013
Diwakar, M.C., 2064
Dlugosz, W., 1875
Dmitrieva A.N., 0407-0409
Dobson, J.W., 2923, 2976
Docampo, D., 2319
Dodok, L., 3338
Dogget, H., 0022, 0023, 0410, 0613-0616, 0757, 0840, 1012, 2201, 2551, 2593
Doharey, K.L., 2582
Dohm, C.K., 2882
Doi, Y., 1765, 1912
Dolan, D.D., 1807
Doman, N.G., 0336, 0337
Dominione, C., 1808
Dorge, S.K., 2282
Dornhoff, G.M., 0759, 2037
Doroshina, L.M., 0979
Doughton, J.A., 1013
Douglas, J.E., 2038
Downes, R.W., 0301-0303, 0617, 1014, 1015
Downton, J., 0221
Downton, W.J., 0292
Downton, W.J.S., 0304-0306
Dozinel, C., 1798
Drake, C., 2039
Drake, C.L., 2893, 2919, 3091, 3111, 3148, 3171
Dranenko, I.A., 0618, 0619, 0758, 3288
Dremlyuk, G.D., 0411, 0412
Dremlyuk, G.K., 0436
Drennan, M.J., 3162
Dresler, S., 0356
Drew, D.C., 3368
Dreier, A.F., 0759, 0760
Driedger, A., 3095, 3130, 3167
Drolsom, P.N., 0395, 0396, 0413, 0434, 0541, 0542, 0546, 0629, 3289
Drover, D.P. 0879
Dua, S., 0216
Dubois, C., 3042
Du Bose, E., 2926
Dubey, P.S., 1597
Dubey, S.K. 1316
Duck, B.N., 1486
Dudhani, C.M., 0762, 1111
Dudinskii, Y.A., 0118-0120, 1809
Dudley, R.F., 0791
Duggan, J.C., 1364
Duitsman, W.W., 2920
Dunavin, L.S., 0761, 0932 1810-1815, 3134
Dunkle, L.D., 2134, 2169, 2170, 2320
Dunn, R.A., 2372
Dunstan, E.R., 2022
Du Preez, J.J., 3252
Durairaj, M.N., 1323
Durairaj, P., 2187
Dusek, D.A., 1214-1217, 1460, 1481, 1506
Duthie, I., 0307, 1016
Dutta, A.K., 2135
Dutta, T.R., 1598
Dwarakinath, R., 0762, 1111
Dyke, H., 3393
Dyusembekov, Z.D., 1482
Dzhabbarov, K.D., 0414
Dzhumagulov, B.A., 1017

EAAFRO, 1599
Eastin, E.F., 1600-1605, 1693, 1710
Eastin, J.A., 0138
Eastin, J.D., 0121, 0308, 0351, 1018, 1136, 1201
Easty, D.B., 1816
Easwaran, K.S.S., 2303-2306
Ebba, F., 3369
Eberhart, S.A., 0616, 0620, 1019, 2551, 2594
Echi, S., 0047, 0192, 1537
Eck, H.V., 1020
Eckebil, J., 0474, 0665
Eckebil, J.P., 0015, 0024, 1021, 1022, 1530, 1538
Edgar, J., 2932
Ediz, S.A., 2373
Edmunds, L.K., 2096, 2321
Edwards, N., 0726
Edwards, N.C., Jr., 2043, 3044
Egley, G.H., 2356
Ehler, L.E., 2601
Eikenbary, R.D., 2452, 2459, 2468, 2469, 2474, 2479
Einhelling, F.A., 1659, 3290
Ekpete, D.M., 1317
Elazegui, F.A., 2107, 2153, 2154
El-Ghawas, M., 1023
El-Gindi, I.M., 3291, 3311
El-Halfawy, A., 2407
El-Hieny, M.Z., 1023
El-Kadi, M., 1509
El-Khishen, A.A., 1843
Elliott, J.S., 2886
Ellis, E.B., 0748
Ellis, R. Jr., 0853
El-Mahdi, M.A.M., 1611
El-Tohami, M.K., 1023
Empton, E.C., 0755
Eng, K., 3098, 3099
Engelstad, O.P., 1318
England, M.W., 2927, 2943, 2998, 3059, 3102
Eniman, E.L., 1817
Enyi, B.A.C., 1024, 1025, 1242
Erion, G.W., 0835
Ernesto, A., 3022
Escalada, R.G., 1243
Escano, J.R., 2982
Escobar, D.E., 0311
Escobosa, A., 3233
Eskew, E.B., 0763, 0764
Esmaili, M., 2460
Espinosa, E., 0765
Etasse, C., 0766
Evans, C.E., 1748
Evans, C.L., 3251
Evans, G., 2327
Evillard, D., 0245, 0246
Evers, G.W., 1818, 1819
Evetts, L.L., 0222, 1606
Ewart, J.A.D., 2773
Exconde, O.R., 2154

Fahim, M.M., 2258
Fahmy, A.H., 0415
Fairbourn, M.L., 1174
Faivre-Dupaigre, R., 1607, 1614, 1640, 1832
Faludi-Daniel, A., 0336
Fanous, M.A., 0416, 0417
FAO, 0025, 1026, 1820, 2716, 3394-3396
Farag, F.A., 2983
Faria, V.P., 2991
Farias, E.V., 1175
Faris, M.A.E., 0026, 0767, 2397
Farnworth, J., 1821-1825
Farr. F.M., 3249
Farrell, E.P., 2747, 2842
Fatimakhatoon, 1319
Favier, J.C., 2717, 2887
Fazli, S.F.I., 2322, 2323, 2350
Fazlullah Khan, A.K., 0418
Featherston, W.R., 3242, 3266, 3267
Fedeli, C., 3253
Feese, H., 2496
Fehir, K., 2040
Feltner, K.C., 0122, 1608, 1651, 1692
Fenster, C.R., 1539, 1578, 1609, 1696
Fergus, I.F., 2012
Fernandez, N.O., 0274
Ferraris, R., 0868
Fickle, J.S., 1684
Field, J.F., 1826, 1827
Fielder, L.L., 3370
Fielder, L.L. Jr., 0027
Figroid, W., 3149
Figueiredo, E.P., 3025
Filatov, F.I., 1828
Filipov, H., 1320
Filippova, N.I., 3330
Fink,. R.J., 1540
Finkner, R.E., 0030, 0768-0770, 0841, 1483, 2071
Finzi, A., 3253
Fioramonti, S., 1896
Fischer, K.S., 0307, 0309, 0310, 1027, 2041, 2042
Fisher, C.D., 2265
Fisher, D., 1040
Fisher, F.L., 1337
Fisher, L.J., 2984
Fisher, M.J., 1780, 1829
Flaherty, D., 2602
Fletcher, D.S., 0055, 0861, 2344
Flint, R.N., 0940, 0941
Flood, C.A. Jr. 3331
Flores, R., 2564
Floyd, E.H., 0942, 2428
Flynn, C., 2978, 3082, 3146
Flynn, M.F., 3150
Folquer de Martinez, M.E., 2985
Fontana, N.E., 0771, 0772
Foote, R.J., 3397
Fontes, C.A.A., 3018
Fonseca, J.B., 3254
Fontes, L.R., 3025
Forehand, C.E., 2616
Forteath, G.N.R., 2328
Fortuner, R., 2374, 2375
Foster, H.L., 1176
Fraisse, C.H. de., 1830

France, R., 2877
France: Secretariat d'etat aux Affaires Etrangeres., 0028
Franco, A.A., 1322, 1795
Frangne, R., 2913
Frankel, O.H., 0029
Franklin, R.E., 1566
Franks, L.G., 3151
Frans, R.E., 1610
Franz, A.O., Jr., 3309
Frear, D.S., 0242
Frederick, H.M., 3096
Frederiksen, R.A., 0068, 0516, 2037, 2066, 2092, 2097-2100, 2136, 2155, 2159, 2160, 2186, 2190, 2199, 2202-2204, 2207, 2259-2261, 2290, 2291, 2299, 2300, 2461, 2462, 2487
Freeman, J.E., 2718-2720
Freeman, K.C., 0737, 0773, 2576, 3332
French, J., 2429, 2430
Freytag, A.H., 1177
Frezzi, M.J., 1086, 2205, 2206
Fribourg, H.A., 1919, 3044
Friedman, T., 1724
Fritz, J., 1830
Frontera, A.R., 2985, 3045
Fry, J.L., 3255
Fryar, W.B., 2721, 2729, 2746, 2821, 2871
Fudulov, C.D., 0774
Fuehring, H.D., 0030, 1203
Fuentes, D.V.O., 2564
Fuentes, V.J.S., 0775
Fujii, J., 3307
Fukazawa, H., 3398
Fukuyama, M., 0319
Fulcher, R.G., 2774
Furr, R.D., 2928
Furudoi, Y., 1765, 1912
Futrell, M.C., 2091, 2129, 2137, 2207, 2222, 2223, 2324
Fye, R.E., 2398, 2399

Gad, A.M., 1611
Gade, H., 2714
Gadkari, P.D., 3371
Gadzhiev, O., 1244
Gaevaskaya, M.G., 0419
Gaffar, M.A., 3046
Gaidarvo, N., 1457
Gaiko, N.T., 0776
Gallon, G., 2717
Gallopin, I.G., 1831
Galvano, G., 2854
Gamba, R.D., 2625
Gander, J.E., 0217, 2760, 3336
Gangadharan, K., 2208
Ganry, F., 1321
Gantotti, B.V., 1565
Garcha, J.S., 2775
Garcia, J.A., 2986
Garcia, L., 1711
Garcia, P.T., 3217
Garciduenas, M.R., 1612
Gardier, H., 1613, 1614, 1832
Gardner, A.L., 3153
Gardner, C.O., 0621, 0622, 0677, 0873
Gardner, H.R., 1138, 1139
Gardner, J.M., 3292
Garg, G.K., 0223, 0224
Garland, P.J., 2722
Garner, T.H., 1694
Garnett, E.T., 2959
Garrett, W.N., 3162
Garrod, P.V., 1028
Gartner, R.J.W., 3177-3179
Garvalho, S.R., 1322
Garvey, W.E., 3409
Gascho, G.J., 1444
Gaur, B.K., 3298
Gausman, H.W., 0311, 0312
Gautam, K.C., 1642
Gayoso, A., 3399
Gebrekidan, B., 0164, 0623
Gee, M., 2858
Geidel, H., 1410
Geise, H.A., 1833
Gelaw, B., 0020, 0123
Gellert, M.J., 2955
Geng, H.Y., 0329
Geoffroy, G., 3313
George, D.L., 2345, 2348
George, J.R., 0777
Georgiev, G., 1204
Georgiev, I., 0173
Gerard, C.J., 1247, 1332, 1333, 1490
Gerberma, A.H., 0312
Gerhardt, P.D., 2412, 2574
Gormanoya, L., 3218
Gervais, P., 3284
Ghare, M.M., 0291
Ghawghawe, B.G., 0469
Ghesani, P.I., 0271
Ghode, R.N., 0778, 2575, 2679
Ghosh, A.K., 3333
Gibbs, M., 0317
Gidnavar, V.S., 1251
Gigli, A., 3390
Gikic, M., 1983
Gil, E., 3152
Gilfillan, E.W., 3100
Gill, A.S., 1755, 1756, 1834-1838, 1895
Gill, S.S., 2987
Gillaspie, A.G. Jr., 2325
Gillet, M., 0124
Gill, G.R.H., 1029, 1030
Gillieron, W., 0032, 0033, 0190
Giordano, P.M. 1183, 1367
Giovanardi, R., 0779
Girase, P.D., 1496
Giraudo, C.G., 3058
Girish, G.K., 0313
Givens, T., 0964
Givens, T.R., 1484
Gleaves, E.W., 3256
Glueck, J.A., 2199
Glen, E., 0169
Gnanamurthy, P., 2554
Goddard, A.D., 1261
Godfrey, C.L., 1357
Godwin, M.R., 3385
Goetz, H., 1839
Gohar, M.A., 2983
Goic, L., 3152
Goldblatt, L.A., 3309
Golden, A.M., 2376
Goldsworthy, P.R., 1031-1033, 1485
Gomes de Castro, F., 3219
Gomez, A.A., 1002
Gomez, F., 1162
Gomez, J., 3016
Gomez, J.E., 0105
Gomez, P.O., 3153
Gomide, J.A., 3018
Goni, S.K., 2988
Gonzales, F.H., 3400
Gonzalez, G.A., 3334
Gonzalez, M., 2846
Gonzalez-Bernaidez, F., 0349, 0350
Good, J.M., 2377
Goodloe, H.F., 1981
Goodrich, R.D., 3017
Gopal, N.H., 0314
Gopalakrishna, M., 0887
Gopalakrishna Rao, M., 0804
Gopalan, C., 2855
Gopal Reddy, M., 1342
Gopal Reddy, N., 2269, 2270
Gopalaswamy, N., 1095,
Gopalswamy, A., 1323
Gorbet, D.W., 0125, 0420, 0421, 2101
Gordon, C.H., 3026
Gordon, D.T., 2352
Goswami, N.N., 1355
Goto, M., 2307
Goud, J.V., 0422-0426, 0642, 0663 0670, 0780, 0809, 0837, 0925, 1034, 2225, 2227, 2561, 2562, 2669
Gourley, L.M., 0138, 0781
Goussault, B., 2856, 2929
Govil, B.P., 1324, 1325
Govil, J.N., 0427, 0428
Govila, O.P., 0225
Govindaswamy, C.V., 2122, 2123, 2234, 2248-2256, 2750
Govinda Swamy, M., 1323
Govindu, H.C., 2209, 2283, 2289
Grabouski, P.H., 0759, 0760
Graham, R.P., 2858
Grandos, R.G., 2512
Grandos R.Y., 2512
Granier, P., 1840, 2930
Graves, C.R., 0782-0784, 1326, 1486, 1488
Gray, E., 2262, 3300, 3301, 3304
Gray, G.R., 3340
Greathead, D.J., 2586
Greb, B.W., 1258
Greber, R.S., 2336
Green, V.E.Jr., 0761, 1035-1038, 1841
Green, V.R., 0031
Greene, G.L., 0174
Greenberger, A., 2332
Greer, H., 1712
Gregory, J., 0768-0770, 0841
Gregory, W.W., 2424, 2425
Greenell, M., 0400
Grennell, M.G., 0609
Grib, J., 0226

Gribkova, N.G., 1137
Grierson, J.G., 0994
Griffiths, F.P., 3354
Grigorenkova, E., 1245
Grimes, H., 1748
Grimes, H.W., Jr., 3073, 3074
Gross, H.D., 2369
Grou, E., 2776
Grover, H.L., 2777
Grub, W., 2915
Grundon, N.J., 0227
Grupche, R., 1713
Grylls, N.E., 2346
Gudauskas, R., 2315
Gudauskas, R.T., 1707
Guenthner, E., 3257
Guenthner, H.R., 3012
Gulati, K.C., 0273
Gulbransen, B., 3062
Gullo, J.L., 1327, 2778
Gulyaev, E.I., 1246
Gumaste, S.K., 1844, 1868
Gunasekaran, M., 2263, 2264
Gunton, J.L., 0736
Gupta A.K., 1328
Gupta D.C., 3050
Gupta H.C.L., 3293
Gupta, H.K., 3303
Gupta, J.C., 2400
Gupta, M.B., 1520
Gupta, M.P., 2544
Gupta, O.P., 1673
Gupta, R.B.L., 2180
Gupta, R.N., 1329
Gupta, S.B., 2278
Gupta, S.G., 2072
Gupta, U.S., 1293
Gupta, Y.C., 1842
Gupta, Y.P., 0587, 1328, 2777
Guranov, B.V., 1227, 2043
Gururaj, H., 1350
Gurusiddaradhya, H.S., 1868
Gurzhiev, G.A., 2779
Gustafson, C.B., 2869, 2871
Gustafson, G.L., 2780, 3335, 3336
Gustun, M.I., 3051
Gutierrez-Forero, J.A. 0429
Guzman, R.D., 3400
Gyori, D., 0295

Habętz, R., 3128
Hebib, M.M., 1843
Hackerott, H.L., 0785-0787, 0792, 0915, 2463, 2466
Hackett, C., 0228
Hadimani, A.S., 1844
Hadole, V.B., 1121
Haensel, H.D., 0315
Haikerwal, M., 2781, 2782
Haile, D.G., 2748
Haji-Hashim, A.H., 0788
Halalau, D., 1910
Halasz, K., 1330, 2723, 2724, 2989
Halbach, K.J., 3136
Hale, C.N., 2308, 2309
Hale, W.H., 3096, 3149, 3154, 3193, 3196, 3197
Hale, W.R., 3116
Haley, L.E., 1331
Halga, M., 1917
Halifax, J.C., 1967
Halim, J., 0589
Halloran, H.R., 2942, 3258
Hamilton, B.A., 3076, 3077
Hammack, S.P., 3166
Hammond, D.L., 2747
Hanai, O., 1615
Hancock, I.R., 0052
Hanganu, V., 1917
Hanks, R.I., 1138
Hanna, W.W., 0126, 0430-0432, 0528, 0932, 3047
Hansen, V., 3220
Hansing, E.D., 2067, 2068, 2130, 2140
Hanslas, V.K., 2756
Harada, T., 0319
Harapanahalli, M.D., 2988
Harbers, L.H., 0127
Hardaker, J.B., 1826, 1827
Hardas, M.G., 2069, 2401, 2611
Hardcastle, W.S., 1616
Harden, M., 2725, 2888-2890
Harden, M.L., 2857, 3097
Hardy, C., 3155-3158,
Harinarayana, G., 0433, 0499, 0500
Harlan, J.R., 0102-0104, 0165-0169
Harman, G.E., 2257
Harms, C.L., 1845
Harms, R.H., 3255, 3262
Harpaz, I., 2332
Harris, H.B., 0174, 0229, 0230, 0789, 0790, 1039, 1040, 2044, 2102, 2138, 2156, 2265, 2464, 2685, 2732, 2733, 2783, 2784
Harris, K.M., 2612, 2613
Harris, R.R., 2968, 2990, 3049
Harris, W.W., 1846, 3294
Harrison, K.F., 2893, 3171
Hart, G.E., 0529
Hart, M.R., 2858
Hart, R.H., 0791
Hartwig, E.E., 1737
Harvey, T.L., 0785-0787, 0792, 1779, 2463, 2465, 2466
Hashem, M.I., 0415
Hashimoto, H., 1860
Haskell, H., 2151
Hassan, H.M., 2931
Hassan, S.F., 2266
Hathcock, b., 1488
Hauck, R.D., 1451
Haussmann, G., 1847
Havelka, U.D., 1487
Hawk, A.L., 2785
Hays, H.M.Jr., 3401
Heatherly, L.G., 1488, 1491
Hedges, D.A., 3088
Heerman, D.F., 1139
Hefley, H.M., 2943
Hegsted, D.M., 3114
Heikes, E., 1591, 1688
Heikes, P.E., 1617, 1618
Heilman, M.D., 0189
Heinrichova, K., 0231, 0232, 0322
Helm, R.E., 3159, 3160
Helpert, C.W., 1602, 1603, 1710
Hembry, F.G., 2938, 2939, 3128,
Hemsley, L.A., 2932
Henderson, C.A., 2576
Henderson, G.R., 3161
Henderson, H.E., 3013
Henderson, P.H., 1444
Henderson, R.C., 1148
Hendre, R.R., 0233
Henzell, R.G., 0032, 0033, 0190,
Herbek, J.H., 0793, 2045
Hernandes, A., 0403
Hernandex, B.J.R., 0794
Hernandez, M., 1142
Hernandez, O.A., 3048, 3337
Hernandez, R.F., 2614, 2615
Hernandez, T., 1292
Herrick, G.M., 3255
Herron, I.W., 3295
Herron, J.W., 1619
Herzlinger, G., 1573
Hesketh, J.D., 0150, 1143
Hew, S., 0317
Hickey, J.S., 0234
High, J.W., 3002
Hilaire, A., 1643
Hiler, E.A., 1205
Hill, G.D., 2046
Hill, M.W.M., 3286
Hills, T.M., 2606
Hinders, R., 2859, 3098, 3099
Hine, R.B., 2326
Hines, R.H., 3208
Hinojo, J.M., 1661, 1714
Hinze, G.O., 0034, 0287, 0986-09
1041, 1042, 1489
Hipp, B.W., 1247, 1332, 1333, 149
Hiremath, R.V., 2286
Hiremath, S.C., 3406, 3407
Hirota, H., 1848
Hobbs, J.A., 1248
Hobgood, P., 2748, 3190
Hodges, T.O., 2022
Hoff, J.C., 0795
Hoffer, R.M., 0151
Hogg, P.G., 1981
Holanda, F.J.M., 1334
Holden, D.J., 0247
Holland, J.F., 2327, 3076, 3077
Holland, J.R., 0808
Hollingsworth, D., 1589, 1697
Holloway, W., 1220, 3127
Holmes, J.E., 1620
Holmes, J.H.G., 3162
Holmes, R.L., 1987
Holt, D.A., 1883
Holt, E.C., 1309, 1849, 1850
Holubar, G., 0990, 0991
Homb, T., 3221
Homeyer, B., 2070
Hooda, R.S., 1962
Hoover, J.D., 2970
Hore, I.H., 0994
Horii, S., 2965
Horne, W., 0076
Horner, H.T., 0115

Horner, N.V., 2680
Hornsby, Q.R., 3147
Horowitz, M., 1715-1724, 1851
Horrocks, R.D., 1399, 1491
Hortenstine, C.C., 1335, 1336
Horton, M.L., 1150, 1229
Hoseney, R.C., 0127
Hosmani, M.M., 1251, 1648
Hosmani, S.A., 2539
Hosokawa, S., 0466
Hoss, D., 3064
House, L.R., 0035, 0036, 0064, 0170, 0544, 0587, 0684, 1043, 1271, 1986, 2552, 2595, 2767
Hoveland, C.S., 3049
Howe, E.E., 3100
Howell, T.A., 1205
Hoy, M., 2602
Hrishi, V.K.K., 1764
Hsi, D.C.H., 0030, 2071
Huddleston, E.W., 2494, 2606, 2616, 2636, 2639, 2681
Huertas, V.E., 3003, 3004
Hugo, Morice, 0080
Hugues, P., 1852-1856
Hukkeri, S.B., 1011, 3296, 3319
Huli, R.J., 1725
Hulpoi, N., 1857, 1858
Hultquist, J.H., 0121, 0191, 0318, 1018
Humberto, L.P.L., 0080
Hummel, J.B., 2745
Huneycutt, H.J., 1751
Hunisgi, G., 1249, 1678
Hunkapiller, P.D., 2664
Hunt, G.C., 2977, 3094
Hurst, H.R., 0122, 1741
Hurt, B.C., Jr., 0726
Hurt, V.G., 2997
Husain, S.S., 2089
Hussain, M.K., 1859
Hussaini, S.H., 0867
Hutchcroft, C.D., 0717
Hutchinson, P.B., 2328
Hutchison, J.E., 3372

Iannella, G.G., 3253
IARI, 0796, 0797, 2786
ICAR, 2103
Icaza, E.A., 2933
Idris, H., 1667
Idris, M., 1337
Igarashi, T., 1860
Ignoffo, C.M., 2329
Iizuka, H., 2084, 2085
Ikeda, M., 1044
Iliev, A., 1461
Illik, M., 0337
Ilori, J.O., 2934, 2935, 3222
Imai, H., 0319
Imam, A.G., 0037
Inamdar, S.S., 1253, 1353, 1501, 1638
Incoll, L.D., 0366
India: Department of Agriculture, Andhra Pradesh., 1045
India: Gujarat Department of Agriculture., 0038
India: Ministry of Agriculture, Directorate of Extension, Farm Information Unit., 2105
Indian Agricultural Program of the Rockefeller Foundation., 0001
Inglett, G.E., 0011, 2711, 2765, 2766
Inman, L.L., 0798
Inoue, S., 3023
Inuyama, S., 0047, 0192, 0235
Ionchev, P., 1726
Iqbal, A.M., 0678, 1760
IRAT, France., 0039-0041, 2357
IRAT, Mali., 0042, 0043, 1541
IRAT, Mauritania., 1046
IRAT, Senegal., 0044, 0045, 1047 1492, 1621, 1622, 2104
IRAT, Upper Volta., 0799-0801, 2513, 2617
Irma Laguna., 2319
Isakov, Ya.I., 0624-0628, 0776, 0802, 0803, 1048, 1049, 1861, 3297
Isawa, K., 2184
Ishag, H.M., 1493
Ishii, S., 2139
Ishizaki, S.M., 1090, 3380
Ish'mukhametov, L.K., 1862
Ishwar, S., 3080
Itnal, C.J., 0804
Ito, H., 2084, 2085
Ivancenko, D., 3338
Ivanov, I., 0774
Ivano, M., 1461
Ivanov, S., 1050, 1596, 3373
Ivantsova, M.A., 0106
Ivanyukovich, L.K., 0128, 2011, 2577
Ive, J.R., 1051
Ivey, C.A., 2835, 3275
Izuno, T., 1090, 3380
Izvekov, A., 1052

Jackobs, J.A., 1799
Jackson, H.B., 2467-2469
Jackson, M.C., 3080
Jackson, M.G., 3050
Jackson, N.E., 1566
Jacobs, H.S., 1153
Jagadish, C.A., 1986
Jaganmohan, N., 2560
Jaganmohan Rao, S., 0805, 0900, 1494
Jagannath, B., 1259, 2359
Jagannath, M.K., 0048, 0146, 0324, 0825
Jagannathan, V., 0233
Jain, H.K., 1969
Jain, K.L., 2200
Jain, K.K., 0171
Jaisani, B.G., 0413, 0434, 0629
Jakhmola, S.S., 2657
Jambunathan, R., 3101
James, A.W., 2851, 2852
James, E., 2023
Jamornman, S., 2512
Jan, P., 1623-1626
Janagarajan, A., 2591
Janardhana Rao, P., 0805, 0900, 1494
Jan-Orn, J., 0435, 0630, 0631, 0746 06
Javia, R.B., 2210
Jayaprakash, R.K., 3374
Jayaraj, S., 2522
Jayaram, G., 0048, 0424
Jayaram, N.S., 1515
Jayaramaiah, H., 0452, 0839
Jeffery, W.R., 1751
Jenkins, J., 1053
Jellema, B.M., 3402
Jenny, F., 1338
Jensen, E.H., 1863, 3015
Jensen, F., 2602
Jepsen, N.M., 0360
Jesko, T., 0320-0322
Jhanwar, B.M., 2960
Jindal, V.K., 2024
Jodha, N.S., 3375
Joglekar, R.G., 0686
Johannes, R.F., 1958
John, S.W., 2726, 2891
Johnson, A.W., 2378, 2379
Johnson, J., 0963, 2481
Johnson, J.W., 0516, 0632, 0633, 0807, 0910-0913, 2260, 2330, 2461, 2470-2472, 2480, 2485-2487, 2578, 2618, 2803, 2904, 3106
Johnson, R., 2031
Johnson, R.I., 0808, 1495
Johnson, R.R., 3180, 3181
Jolliffe, P.A., 1831
Jolliffee, V.A., 1627
Jones, B.F., 2392
Jones, B.L., 2211-2214
Jones, H.E., 1548
Jones, J.E., 3180, 3181
Jones, J.P., 0117
Jones, M.B., 1879
Jones, O.R., 2047
Jones, R., 2140
Jones, H.L., 2622
Jones, R.M., 1219, 1339, 1374, 1511
Jones, R.W., 0011, 2759, 2787, 2844, 2845
Jones, T., 0046
Jones, W.E., 1170
Jordan, L.S., 1627
Jordan, W.R., 1149
Jose., 3271
Joseph, A., 2717
Joseph, B., 3298
Joshi, K.G., 1340
Joshi, N.C., 2064
Joshi, P.K., 1434
Joshi, R.D., 2316
Joshi, V.S., 1844
Jotwani, M.G., 2402, 2403, 2427, 2505, 2514-2519, 2525, 2526, 2572, 2579-2584, 2619, 2620
Jouan, B., 2106
Jovancevic, M., 1806
Joweet, D., 1054, 1341, 2394
Jorsa, L., 0129, 1864, 1865, 2992-2995
Judah, B.W., 2142
Justice, O.L., 0236
Jutras, M.W., 1902, 1903

Kachapur, M.D., 0425, 0809, 0810, 1342, 1638
Kachele, T.H., 1866
Kadirgamathaiyay, S., 1867

Kadoum, A.M., 2404, 2405, 2413, 2826
Kaduskar, M.R., 3046
Kagali, A.T., 3403
Kajjari, N.B., 0194, 0451, 0810-0813, 0837, 0878, 1259, 1265, 1868, 2225, 2227, 2359, 2557, 2736
Kalashnik, M.F., 1508
Kalashnik, N.S., 0436, 0634-0637
Kalbhor, P.N., 1496
Kale, S.P., 1223
Kalekar, A.R., 2141
Kamalavalli, D., 0237-0239
Kambal, A.E., 1869
Kaminska, A., 0437, 0438
Kandaswamy, D., 2187
Kandaswamy, T.K., 2187
Kanemasu, E.T., 0352, 0362, 1131, 1132 1153, 1154
Kang, H.R., 2836
Kannaiyan, J., 2267
Kanno, H., 0047, 0192
Kantsaliev, V.T., 1542, 1870
Kanwar, J.S., 1343, 1344
Kanzawa, H., 1615
Kapoor, H.C., 1178
Kapusta, G., 0814, 1345, 1433, 1628, 1629, 1925
Karah, M.A., 1126
Karm-Alla, K.A., 2792
Karamathullah, N., 3407
Karamkhodoev, L., 0815
Karanjkar, R.R., 2069, 2401
Karganilla, A., 2107, 2172
Karim, A., 2788-2791
Karimov, Z., 1245
Karn, J.F., 2972
Karnani, J.T., 1837
Karve, A.D., 0816-0818, 1055, 2520
Kasasian, L., 2358
Kaspersen, L.J., 2574
Kassam, A.H., 0240, 1250
Kassem, E.S., 1023
Katarki, B.H., 1350
Katepallewar, B.N., 0742, 0743
Katiyar, D.S., 0660, 1890, 1907, 2807
Katiyar, O.P., 1056, 2682
Katiyar, R.N., 2575, 2679
Katiyar, S.S.L., 2696
Katsanos, R.A., 1925
Katti, C.P., 1381
Kaufmann, H.H., 2785
Kaul, A.K., 0580
Kaur, M.R.S., 1630
Kaushik, S.K., 1669, 1681
Kaushik, U.K., 2418
Kavandikar, V.R., 1140
Kaveriappa, K.M., 2215
Kavitkar, A.G., 1409
Kawanabe, S., 1871
Kawatra, B.L., 2775
Keese, W., 0076
Kelleher, D.L., 3228, 3229
Kemper, S.D., 2598
Kenmochi, K., 2965
Kenneth, R., 2216, 2217
Keppens, L., 3259
Kerbabaeva, Z.A., 0819
Kern, A.D., 1433
Kern, J.J., 0375, 0439, 0714, 1497
Ketchersid, M.L., 2406
Key, J.C., 2914
Keys, J.E., 3026
Khalbaev, I., 0070
Khalil, M.K., 1773
Khan, A.F., 2380
Khan, A.M., 2157, 2266,
Khan, I., 2296
Khan, I.D., 2292
Khan, K.M., 2607
Khan, M.A., 1859, 2266
Khan, M.A.Q., 2072
Khan, M.N., 2870
Khan, Q.A., 1801
Khan, Z.N.A., 2266
Khanna, R., 0323
Khatri, T.J., 0756
Khattab, A.H., 2792
Khazova, I.I., 0130, 0131
Khavzhinskaya, O.E., 0407, 0408
Khera, S., 2241, 2381-2383
Khliustov, P., 2936
Khlyustov, P.A., 1543
Khosla, R.K., 1312
Khot, B.D., 1057, 1346
Khurana, S.M.P., 2331
Khuspe, V.S., 1296, 1297, 1347
Kibe, M.M., 1166
Kiesling, H.E., 3163, 3164
Kim, I.P., 2912
Kim, J.C., 2860
Kim, K.K., 2912
Kinbacher, E.J., 0351
King, C.C.Jr., 3073, 3074
King, K.M., 0293
King, S.B., 2108, 2109, 2218, 2268
Kirillov, Y.I., 0132, 0820
Kirk, V.M., 2436
Kirkpatrick, E.E., 2861
Kiseleva, A.K., 1872
Kisgeci, J., 1631
Kishita, A., 1860
Kitaev, A.I., 0440, 0441, 0457, 0458
Kitajima, S., 1860
Kizilova, E.G., 0409
Kleifeld, Y., 1573, 1727
Klein, M., 2332
Klein, Z., 2216
Kleinig, C.R., 1371
Klimenko, V.G., 2793, 2794, 2850
Kliputa, N.E., 1498
Klosterman, E.W., 3180-3182
Knapp, F., 2543
Knisel, W.G.Jr., 1164
Knowles, R.P., 1873
Kochar, A.S., 2962
Koenig, R.F., 1058, 2795
Koes, R.M., 2937
Kohler, G.O., 2875
Kohls, H.L., 2700
Koike, H., 2325
Koli, S.E., 1059, 1499
Komoli, R.F., 0821
Konovalov, V.P., 0442
Korobil, E.N., 1060
Korsakov, N.I., 0997
Kosol Charemsom, 2432
Kosovac, Z., 1631
Kotasthane, S.R., 2192
Kotb, A.R., 2016
Koteswara Rao, G., 2269-2273, 2284, 2285
Koteswara Rao, P., 1348
Kothmann, M.W., 1899
Koura, A., 2407
Kovacik, A., 1500
Kovacs, M.T., 1728
Kowal, J., 1206
Kozlova, V.I., 0657
Kramer, N.W., 1544
Kramer, P.J., 0150, 0203, 0204
Krantz, B.A., 1116
Krauss, M., 0722, 3299
Kravchenko, A.P., 1061
Kretchmer, P.B., 3260
Kripashanker, 1874
Krishna K.S., 0822,
Krishna Murthy, B., 1392
Krishna Murthy, K., 0048, 0146, 0324, 0823-0825, 1253, 1342, 1353, 1380, 1501, 1632, 1638, 2521, 2533, 2534
Krishna Prasad, M.N., 2729
Krishna Reddy, C., 1179
Krishna Sastry, K.S., 0198, 0663, 1678
Krishnan, K.S., 1349, 1355
Krishnanda, N., 2522
Krivonosova, L.P., 0667
Kruegerl, E.W., 0691
Kruegger, J.W., 0088
Krupa, F., 1875
Kshirsagar, A.R., 1369
Kucharet, T.A., 2101
Kuhlman, J.W., 1085
Kukedi, E., 1633, 1634, 1876
Kulik, M.M., 0236, 2081
Kulkarni, K.A., 2528, 2556, 2603
Kulkarni, K.R., 1094, 3388, 3389
Kulkarni, M.V., 0897
Kulkarni, N., 0177, 0178, 0662, 0826, 0827, 0864, 1877
Kulkarni, N.B., 2141
Kulkarni, P.V., 1271
Kulliaswamy, B.Y., 0451, 0643, 0644, 0838, 1065
Kul' pinova, E.P., 0638
Kumar, A., 1954, 1955
Kumar, B.V., 0828
Kumar, C.K., 1954
Kumar, I., 3079, 3305
Kumar, K., 1062
Kundalkar, O.G., 1415
Kundu, G.G., 2524-2526, 2566, 2621, 2683
Kunjamma, V.K., 0443
Kunjamma, H.V.K., 2208
Kunkel, E., 0829
Kuppuswamy, S. 2672
Kurdikeri, C.B., 1251, 1259, 1350, 1368, 1635, 1636, 1648, 2359
Kurien, S., 2885, 2895-2898
Kurjakovic, V., 1983
Kurmarohita, B., 0103

Kurtenbach, A.J., 2028
Kurtz, L.T., 1449-1451
Kusakin, A.A., 0253
Kushwaha, N.S., 2963
Kust, C., 1700
Kuz'min, G., 2025
Kwolek, W.F., 3327
Kwon, H.H., 2912

Labib, A.I., 2016
Labore, D.E., 3295
Lacefield, G.D., 2262
Lacy, K.H., 3400
Ladan, P.E., 3051
Lagomarsino, E.D., 3041, 3052
Lahue, D.W., 2404, 2665
Lakshminarasimhan, C.R., 1165
Lakshminarayana, K., 2073, 2527, 2553, 2585
Lal, B., 0889, 1351
Lal, J.P., 1316
Lalithakumari, D., 2256
Lall, S.B., 0241
Lallan, Singh, 1293
Lam, M.W., 2857
Lamar, P.L., 2796, 2862, 2870
Lamb, M.W., 2890, 3097
Lambat, A.K., 2173
Lambert, H.R., 1878
Lambert, J., 0327, 0328
Lambright, L.E., 3019, 3020
Lamoureux, G.L., 0242-0244, 0272, 3131
Lancaster, D.L., 1879
Landi, R., 0325, 0444, 0830
Lane, G.T., 2727, 2797, 2798, 3130, 3160
Lange, A., 1711
Lange, A.A., 3014
Lange, S.K., 2666
Langin, E.J., 0848, 0849, 0988, 1207-1209, 1352
Langlet, A., 0193, 1063, 1534
Lanning, F.C., 0226
Lanza, A., 2854
Lanza, F., 1880, 1881
Laosuwan, P., 0715, 0716
Larina, V.V., 1828
Laser, K.D., 0445
Laulhere, J.P., 0326-0328
Launchbaugh, J.L., 1779, 3053
Laurent, P., 0766
Lavake, D.E., 1637
Lavery, H.H., 2408
Lavy, T.L., 1664, 1665
Lawless, J.R., 0676
Lawrence, T.L.J., 3223
Laxman Singh, 1252
Laxminarayana, K., 2546
Lazarte, P.W., 2003
Leakey, C.L.A., 0639
Le Baron, H.M., 1584
Lechtenberg, V.G., 1882, 1833
Le Conte, J., 0049, 0640
Lee, L.S., 3309
Lee, K.W., 0133, 0134
Leela, D.P., 2689
Leeuw, P.N., 1951
Legel, S., 3054, 3055
Lehman, W.F., 0089
Leighton, R.E., 2798, 3130, 3160
Lele, U.I., 3404
Lemeshev, N.K., 0997
Lenoble, M., 0111, 0245, 0246, 0641, 0831. 1884, 1885
Lenoble, S., 0246, 0641, 0831
Leri, G.P., 1302, 1303, 1800, 1847
Lersten, N.R., 0115
Lertmongkol, V., 0117
Lessard, J.R., 2984
Lesveque, J., 3313
Letchoumanane, S., 2530
Lewis, R.B., 1210
Lewis, R.W., 3106
Liang, D., 2772
Liang, C.H., 0135
Liang, G.H., 0149, 0329, 0386, 0446-0449, 0513, 1007
Liang, Y.T., 2799
Liang, Y.T.S., 0448
Libershtein, I.I., 2026
Lilaramani, J., 2173
Lima, C.R., 2996, 3056
Lima J.O.A., 3197
Lime B.J., 3353
Lin, S.S., 0135
Linge Gowda, B.K., 1253, 1265, 1342, 1353, 1501, 1638
Linnik, V.M., 0136, 0137, 0450, 0693, 0694
Lipscomb, R.W., 0761, 1268
Lipstein, B., 3245, 3246
Lira, E.P., 1177
Litrtle, G., 0050
Little, J.A., 3073
Litun, P.P., 0137, 0450
Litvininko, F.P., 1886
Lixandru, G., 0187
Lloyd, C., 2409
Lockman, R.B., 2800-2802
Lodge, G.A., 2984
Lodha, M.C., 0832
Lodi, G.P., 1928
Loescher, W.H., 0462, 0659
Logarathan, N.S., 1095
Lommasson, R.C., 0133, 0134
Longencker, D.E., 0833
Longo, G., 1502, 1887
Lorgue, C.L., 3313
Loter, R.A., 0138
Lovett, J.V., 1826, 1827
Lowe, J.A., 2262
Lowrey, R.S., 3112
Loyacano, A.F., 2938, 2939, 3165
Loyd, R.C., 3300, 3301
Luce, W.G., 3224, 3226, 3227
Luck, J.W., 2977
Ludlow, M.M., 0330
Luebbe, W.D., 0160
Luib, M., 1639
Lukacovic, A., 0322
Lunden, A.O., 0834, 0835
Lusk, J.W., 1888, 2997, 3027, 3057
Luthra, Y.P., 3033, 3035
Lutrick, M.C., 0761, 0836, 1064, 1354, 2048, 2049, 3134, 3135
Lynd, J.Q., 2125
Lynn, C., 2602
Lynn, H.P., 0993
Lytle, P.W., 3405
Lyubenov, Y., 1254

Macadam, J.F., 3302
Mackenzie, A.F., 1867
Mackenzie, D.H., 1889
Maclean, D.E., 3314
Macmaste, M.M., 0865, 3341
Madelon, J., 1640
Madhava Menon, P., 0418, 0531
Madhava Rao, 0194, 0533, 0534, 1458
Madhava Rao, G., 0198
Madhava Rao, M., 0811, 0837
Madhava Rao, T., 0451, 0452, 0642-0644, 0838, 0839, 1065
Maeda, K., 1860
Maertens, C., 1211
Magalhaes, A.F., 1180
Magboul, B.E.I., 2911
Magoon, M.L., 1777, 1890
Mahabaleshwariah, H., 3406, 3407
Mahabal Ram, 1066
Mahadevan, N.R., 2591
Mahalle, P.S., 1429
Mahapatra, I.C., 1355, 1415
Maharudrappa, K., 0925
Mahatim Singh, 1255
Mahendra Pal, 1221, 1356, 1503, 1669
Mahendra Singh, 1011, 1503
Maheswari, B.K., 0929
Maheshwari, M.L., 3186
Maheshwari, S.K., 1252
Maheshwari, S.R., 2940, 2941, 3303
Mahgoub, S.I.N., 2864
Mahilum, B.C., 1366
Mahindra Singh, 1503
Mahmoud, M.A., 0645
Mahtab, S.K., 1357
Mahudeswaran, K., 0646
Mai, W.F., 2372
Maitre, C., 1891
Majisu, B.N., 0172, 0453, 0454, 0647, 0757, 0840
Majumder, S.K., 0199, 2737, 2743, 2744, 2816-2818
Makky, A.M., 2016
Makodzeba, I.A., 1641
Malaguti, G., 2158
Malak, J., 2351
Malathi Devi, S., 1165
Mal' chenko, V.S., 0752
Malebennur, N.S., 2224
Maley, S.R., 1276
Malfa, G., 1358, 1359
Malherbe, L., 3329
Malhotra, S.P., 1212
Malik, D.D., 3262
Malinova, B., 3338
Malinovskii, B.N., 0195, 0455-0458, 0648, 0650, 1892-1894
Malipatil, M.B., 2555, 2662
Mallaiah Panthulu, C.C., 1360
Malm, N.R., 0769, 0770, 0841, 1483, 2071
Manabe, M., 3320
Managoli, S.P., 2684

Manda, T., 3023
Mandy, G., 1067
Maneewon, M., 1181
Manglitz, G.R., 1817
Mani, V.S., 1583, 1642, 1668, 1669
Manis, A.L.R.Jr., 2275
Mann, H.O., 0842-0849, 0986-0988, 1207-1209
Mannikar, N.D., 1755, 1756, 1835, 1836, 1895
Manov, B., 0173
Manson, M.B., 3209
Mansour, I., 2110
Mansour, I.S., 3292
Mantle, P.G., 2276
Maranville, J.W., 0331, 0651, 1533
Marathee, J.P., 0051
Marble, V.L., 1068
Marchant, W.H., 2647, 2704
Marchi, A., 3058
Marenah, L.J., 0052
Marie, R., 0652
Marin, N.H., 2074
Marion, P.T., 3166, 3167
Markov, M., 2033
Marquez, P.J., 0934
Marrewijk, G.A.M., van., 1213
Marshall, D.R., 0617
Marshall, H.G., 2027
Marshall, J.G., 0937, 0938, 0940-0942, 1299, 2428
Marshall, J.T.Jr., 3346
Marten, G.C., 3017
Martin, F.G., 1268
Martin, J., 2998, 3059, 3102
Martin, J.J., 2927
Martin, L.J., 3376
Martin, N.P., 1069, 1361
Martin, W.E., 2052
Martinez, R., 1468
Marty, J.R., 1534, 1643, 1896, 1897
Marwaha, K.K., 2514, 2515
Masaoka, Y., 1284, 1285
Mascarenhas, A.F., 0233
Masharipov, G., 1070
Masiar, E., 0292
Maslinkov, I., 1461
Massino, I.V., 2827, 3075
Masteller, V.J., 0247
Matches, A.G., 1898
Matejka, J.C., 2231
Mathers, A.C., 1362, 1552
Mathew, G., 2728
Mathieson, A.R., 2781, 2782
Mathis, G.W., 1899
Mathur, C.S., 2940, 2941
Mathur, R.L., 2277
Mathur, R.S., 2278
Mathur, S.B., 2075, 2077
Matocha, J.E., 1363
Matre, T., 3221
Matsuyama, D.T., 1427
Mattei, M.R., 0459
Matter, V.E., 1463
Matyukha, L.I., 1641
Maunder, A.B., 0053, 0099, 0138, 0175 0460, 1071, 1141, 1191, 1900, 2142 2942, 3019, 3020, 3258
Maunder, B., 2616
Mauricio, R.M., 0850
Maurya, R.A. 1571
Maurya, R.K., 1755, 1835, 1836
Maxwell, C.V., 3227
Maxson, E.D., 2729, 2746, 2803-2805, 2870-2872, 2892, 3104-3106
Maxson, W.E., 3107, 3108, 3168, 3169
May, M.A., 3103
May, P.J., 1072
Mayo, Z.B.Jr., 2567
Mays, D.A., 1364
Mazurak, A.P., 1159
Mazza, M.C., 3244
McCalla, T.M., 1539
McCartor, M.M., 2943
McCarty, G., 3304
McClain, E.F., 1901-1903
McClure, K.E., 2991
McCollough, R.L., 2893, 3109-3111, 3170, 3171
McCree, K.J., 0332, 0333
McCroskey, J.E., 3163, 3164
McCullough, M.E., 2976
McCune, W.E., 2748
McCutchen, T., 1326, 1486
McDevitt, J.B., 0942
McDonald, R.P., 1904
McGee, W.H., 1888, 3057
McGinty, D.D., 2944, 3188
McGinty, R.J., 2028
McKenzie, M.C., 0993
McKibben, G.E., 2973
McMillan, J.W., 0726
McMillian, W.W., 0174, 0975, 2031, 2410, 2429-2431, 2599, 2622, 2640-2651, 2685, 2702-2704
McNamara, D.W., 1256
McNeal, X., 2945
McNee, D.A.K., 1073
McNeill, J.W., 3172, 3185
McPherson, C.M., 2886
McPherson, W.W., 3399
McWhorter, C.G., 1729-1737
Medcalf, D.G., 3339
Medvedev, A.A., 1809
Meenaghan, G., 2915
Meenakshi, K., 0443, 1280, 1764, 2208
Meenakshi Sundaram, P.C., 0495
Mehen, S.M., 3116
Mehndiratta, P.D., 0482, 1905, 1906
Mehra, K.L., 0660, 1777, 1890, 1907, 3306
Mehrotra, A.K., 2571
Mehta, A.K., 1954
Mehta, D., 0271
Mehta, R.K., 1874
Mehta, S.C., 1182
Meisch, M.V 2411, 2628
Mekhaeil, G.M., 1843
Meksongsee, B., 2543
Meli, S.S., 0896, 1074, 1381, 1391, 1453
Melichar, B., 1909
Meluon, S.L., 3174
Menchaca, M., 0563, 0585, 0951
Mendiola, B., 0583, 0945, 2749
Mendoza, M.D.,645
Meoge-400Meoon, P%M., 0464, 0603
Mensinkai, S.W., 0533, 0534
Mercer-Quarshie H, 0653, 1075, 1504
Merkle, M.G., 1604, 1605, 1693
Merlescu, E., 0187
Mertz, E.T., 3101
Merwine, N.C., 0727, 0851, 1257, 1270
Mery, C.C., 2623
Meyer, R.M., 3200
Miche, J.C., 0012, 2894, 3363
Mickelson, R.H., 1258
Miesner, J.R., 0852, 0983
Mikesell, M.E., 0853
Mikhailova, L.F., 2810
Mikolenko, T.A., 0120
Miles, J.T., 3002
Miley, W.N., 1365
Milinkovic, V., 1806
Miller, C.C., 2078
Miller, F., 1738
Miller, F.R., 0387, 0632, 0912, 0913, 0936, 1645, 2037, 2159, 2160, 3112
Miller, G.D., 2747, 2772, 2842, 2907
Miller, J.C., 3207
Miller, J.E., 1739
Miller, O.H., 2863
Miller, R.H., 1566
Millhollon, R.W., 1740
Millington, A.J., 0054, 0854
Millis, D.E., 1433
Mills, R.B., 2674
Milyurkin, A.F., 1113
Minamisawa, M., 3320
Minor, H.C., 1505
Minton, E.B., 1646
Miramontes, B., 1076
Miranda Filho, J.B., 0855
Miroshnichenko, A.R., 0637, 0654-0658, 0856-0860, 2999
Miroshnichenko, I.V., 1459
Mishra, B., 2161-2165
Mishra, D.P., 1923, 1924
Mishra, S.N., 0175
Mishriky, K.S., 3291, 3311
Miskovic, K., 3000
Misra, A.P., 2161-2166
Misra, D.K., 1979, 1980
Misra, R., 2946, 2947, 3113
Misra, U.K., 2946, 2947, 3113
Misra, U.S., 1890, 1907
Mitchell, K.J., 1988
Mitkees, A.I., 1773
Mittal, S.P., 0898, 1077, 1515, 1647, 2528, 2532
Miyamoto, S., 2116
Mladenovski, V., 1461
Moal, J., 3212
Mock, J.J., 0461, 0462, 0659
Mockel, F.E., 0589
Moga, I., 1857, 1858, 1909-1911
Moga, R., 1857, 1909, 1911
Mogami, K., 1765, 1912
Mohamed, A.K.A., 2565
Mohan, D.P., 0020
Mohan, V.S., 2769, 2770
Mohanraj, D., 2219
Mohan Rao, M.R., 1154

Mohiuddin, S.H., 1078
Mohyuddin, A.I., 2586
Moir, K.W., 3060
Moline, H.E., 2334
Moline, W.J., 1953, 3001
Mondart, C.L.Jr., 1904
Monga, M.K., 1409
Monnier, J., 3408
Monotti, M, 1782, 1783
Monson, W.G., 3047, 3061, 3112
Montagnini, M.I., 2948, 3145
Montgomery, M.J., 3002, 3044
Monti, H.E., 3124
Moody, E.L., 3064
Moomaw, R.S., 0759, 0760, 1545, 1578
Moore, D.S., 3385
Moore, G.D., 0248
Moore, L., 2412, 2574
Moore, R.F., 0055, 0736, 0861, 2336, 2344, 2345, 2347, 2348
Moore, W.F., 2091
Moorthy, M.N., 2587
Morabad, I.R., 1251, 1259, 2359
Morachan, Y.B., 1280
Moran, J.B., 3175
Morard, P., 0249, 0334, 1327, 2778, 2806
Moreira, H.A., 3025
Moreira, I., 0335
Moreno, A.H., 2985
Morey, D.K., 1340
Morey, M., 0349, 0350
Morgan, A.H., 3356
Morgan, A.I.Jr., 2858
Morgan, R.E., 2745
Morimoto, H. 2965
Morrill, J.L., 2799, 3174
Morrill, L.G., 1366
Morris, J.G., 2966, 3062, 3176-3179
Morrision, E.G., 3063
Morrison, R.D., 0750, 0751, 0754, 0972, 2452, 2474
Mortvedt, J.J., 1183, 1367
Mosanghini, V., 3261
Moseley, F., 0946, 0947
Mosena, A., 1546
Mosher, D.R., 2413
Moss, B.R., 3064
Mower, R.L., 3340
Muck, O., 2834
Muckle, T.B., 2730
Muhammad, S., 1163
Mukarji, S.P., 2682
Mukewar, A.M., 1369
Mukherjee,B.K., 0520
Mukherjee, R., 0660, 2807, 3079, 3296, 3305, 3306
Mukhtar, A.M.S., 2931
Mukuru, S.Z., 0020, 0463
Mulas, G., 1913
Muller, H.G., 2726, 2731, 2879, 2891
Muniappan, R., 2479
Munshi, Z.A., 0478
Muradov, B., 1547
Muranjan, S.W., 0862
Murphy, G.M., 3179
Murphy, L.S., 2772, 3270, 3273
Murphy, W.S., 2377
Murray, D.S., 1672
Murthy, B.R., 0176, 0427, 0428, 0492, 0493, 0501, 0502, 0863
Murthy, D.V., 2659
Murthy, D.K., 1914
Murthy, K.N., 0177, 0178, 0196, 0197, 0252, 0465, 0662, 0826-0828, 0864, 1079, 2059, 2360
Murthy, P.S.S., 0464
Murthy, P.V.L.N., 3262
Murthy, U.R., 0500, 0661, 1915
Musick, J.T., 1197, 1214-1217, 1460, 1481, 1506
Mustafa, A.I., 0865, 2864, 3341
Mutalikdesai, K.S., 2076, 2555, 2557
Muthuswamy, G., 2750
Myagkov, V.V., 1931
Myakov, V., 2949
Myers, L.F., 1985
Myhre, D.L., 1270

Nabos, J., 1080
Nadagoudar, B.S., 1368, 1648
Nagarajan, K., 2119, 2143, 2167, 2220, 2279-2281, 2285
Nagarajan, V., 2771
Nagarkatti, S., 2588
Nageshchandra, B., 2521
Nageswara Reddy, M., 1260
Nagur, T., 0465
Nagy, A., 0336, 0337
Naidenov, T., 2950, 2951
Naidu, A.B., 0056
Naik, L.M., 2282
Naik, M.S., 0288, 0580, 1178
Nair, K.R., 2588
Nair, M.T.R., 2740
Nair, T.V.R., 0545
Nakagama, A., 1044
Nakashima, H., 0466
Nalampang, A., 1081
Nambiar, K.T.N., 1647
Namken, L.N., 1128
Nancenko, D., 3342
Naphade, D.S, 0250, 0467-0470, 0686, 1369, 1916
Naqvi, N.Z., 2221-2223
Narasiah, D.B., 1370
Narasimha Murthy, P., 1514
Narasimha Rao, D.V., 0251, 1096, 1267, 1507, 1649
Narayan, K., 0867
Narayana, D., 0177, 0178, 0197, 0252, 0662, 0826, 0827, 0864, 0866, 2059
Narayana Moorthy, M., 2529
Narayana Rao, K., 1586
Narayanaswamy, D., 2895-2898
Narayan Rishi., 2316
Nardiello, R., 3217
Narkhede, N.N., 1346
Narwal, R.P., 1630, 2111
Nasir-ud-din, 0338
Nass, H.G., 0471
Natarajan, T.V., 2693
Natoli, W.J., 3237
Natribhop, S., 0868
Naumenko, A.I., 1508
Navaneethan, G., 2530
Nawar, I.A., 3114
Nayak, B.C., 1652, 1657
Nayakar, N.Y., 0472, 0812
Nayar, K.M.D., 0426, 0663
Nayar, S.K., 2343
Near East Cooperative Sorghum and Millets Crop Improvement Programme, 0057
Nechaev, A.P., 2810
Nedelciuc, C., 1910
Nedkov, N., 2952
Neergaard, P., 2077
Negi, P.S., 1274
Nejneru, I., 0187, 1917
Nelson, G.H., 3327
Nelson, L.A., 0759, 0760
Nelson, L.R., 2732, 2733
Nelson, T.S., 3103
Nene, Y.L., 2083
Nester, R.P., 1741
Neuhaus, V., 3115
Neumann, A.L., 3065
Neumann, H.H., 0293
Nevol'ko, O.D., 0627
New, L., 1218
Newland, H.W., 3180-3183
Newland, W.H., 2987
Newsom, J.R., 3151
Nguyen, V., 1082
Niblett, C.L., 2321
Nichols, T.E., 3377
Nicou, R., 1171, 1532
Niehaus, M.H., 0869-0871, 1083
Nigam, P.M., 2439
Nilolaeva, N.F., 2311
Nilson, E.B., 1548, 1650, 1651
Nip, W.K., 0339, 0872
Nipper, W.A., 2938, 2939, 3165
Nirval, B.G., 1155
Nishi, A., 0255, 0256
Nishibe, S., 0139, 0664
Nishihara, N., 2112, 2168
Noble, J.C., 1371
Nodgrass, J.C., 3397
Nogueira, F., 3022
Nolan, C.N., 0993
Noller, C.H., 0777, 1791
Nonveiller, G., 0665
Noort, G.V., 3343
Nordquist, P.T., 0058, 0473, 0622, 0677, 0759, 0760, 0873
Norman, D.W., 1261
Norris, J.R., 2734, 2735, 2808
Norton, J.A., 1742
Norton, J.S., 1029, 1030
Nosko, V.K., 1246
Nott, R.W., 1173
Nour, A.A.M., 2792
Nour, A.H., 1509, 2983
Novakova, E., 2809
Noveiller, G., 0474
Novellie, L., 3329

Oakes, J.Y., 3069
O'brien, T.P., 2774
Ochi, M., 0581, 1510, 1991

O'Connell, W.J., 3229
Odak, S.C., 2573
Ode, H. 1765
Odvody, G.N., 2134, 2169, 2170
Ofori, C.S., 1372
Ogata, G., 1785
Ogata, S., 3307
Ogborn, J.E.A., 2361, 2362
Ogurtsov, U.N., 0253
Ogurtsov, V.N., 0979, 1113
Oh, J.H., 1879
Oizumi, H., 1991
Ojha, T.P., 2742
Ojima, M., 1428
Oleksenko, Y.F., 0254
Olembo, R.J., 0377
Olifson, L.E., 2810
Olimpio, J.A., 2114
Oliver, B.F., 2654
Olson, T.C., 1084, 1150, 1229
Om Prakash., 2165
Omtvedt, I.T., 3224, 3226
Onate, L.V., 3344
O'Neal, W.B., 1702
Onken, A.B., 1219, 1339, 1373, 1374, 1511, 2050
Oox, O.J., 3091
Oritani, T., 0255, 0256
Oropeza, F., 0934
Ortega, A.V., 0771, 0772
Ortega, G.A., 3003, 3004
Ortega, T.E., 1076
Osadchaya, N.D., 2810
Osborn, A.W., 2328
Osborn, J.E., 1220
Osborne, W.E., 2326
Osipov, Y.F., 0195
Osiru, D.S.O., 1262
Osman, H.F., 3116
Osman, M.S., 1918
Oswalt, D.L., 0020, 0668, 0874-0876, 2900, 3117
Ouchi, Y., 2082
Overley, C.B., 0877
Overman, M.A., 0475, 0476, 0595
Overton, J., 1326
Overton, J.R., 1919
Ovezmuradov, S.O., 0106, 1920, 1921, 3005
Owen, D.F., 1585
Owen, F.G., 1085
Owens, J.C., 2494, 2606

Padaganur, G.M., 2286
Padaganur, G.N., 2283
Padron, T.J., 2624
Page, F.D., 2655
Pahalle, P.S., 1306
Pair, J.C., 2371
Pair, S.D., 2493
Paiva, J.A.J., 3022
Pal, M., 1117
Palacio, R.J., 1922
Palaniswamy, P., 2558, 2559
Palmer, A.Z., 3169
Palmer, G.H., 0140
Palmer, L.T., 2119
Palmer, R., 0076
Panchabhavi, K.S., 2076, 2555-2557, 2662
Panchal, Y.C., 0194, 0198, 1375, 2363
Panda, S.C., 1376
Pande, R.C., 1923, 1924
Pandey, R.K., 1263, 1835-1838, 1977, 1978
Pandey, R.N., 0928
Pandey, S.L., 1221, 1222
Pandey, S.N., 1377
Panevskii, N.P., 1570
Panwar, D.V.S., 1927, 1929
Panwar, O.P.S., 1598
Papp, B., 1184
Pappelis, A.J., 1925
Parambaramani, C., 2122, 2123
Parameswarappa, R., 0804, 0810, 0878, 2736
Parbley, D.B., 1889
Parfitt, R.L., 0879
Parker, C., 0076
Parker, F.W., 2660
Parochetti, J.V., 1743-1745
Paroda, R.S., 0213, 0477, 1926-1929, 2754, 3033
Parodi, R.A., 0880-0886, 1086, 1930, 1965, 2206, 2625,739, 2681
Parpia, H.A.B., 2883-2885, 2895-2898
Parrish, D.B., 2901
Parthasarathy, A.V., 0666, 0828, 0901, 0902, 0958, 1096, 1360, 1377, 1393, 1394, 1396, 1507, 1516, 2365, 2540, 2814
Parvathappa, H.C., 0199, 2737
Parvatikar, S.R., 0107, 0811, 0887, 1087, 2115
Pasha, M.A.M., 0478
Pashchenko, P.D., 1931
Passlow, T., 2414
Pasternak, D., 0340-0342
Patanothai, A., 0141, 0479, 0480, 0714, 0716-0718
Patel, A.I., 2531
Patel, A.R., 2531
Patel, B.M., 1932, 2589, 3066
Patel, B.N., 2171
Patel, C.A., 1932, 3066
Patel, D.A., 2051
Patel, H.S., 2531
Patel, K.C., 0402, 0611, 0612, 1933, 3345
Patel, L.G., 3006
Patel, P.M., 0200
Patel., R.P., 0756
Patel, S.M., 2909, 2910
Pathak, C.H., 0237-0239, 0257
Pathak, M., 0233
Patil, B.N., 1249
Patil, D.S.S., 1347
Patil, B.R., 1291
Patil, J.R., 1291
Patil, M.B., 1304
Patil, N.K., 2224
Patil, R.V., 1074, 1187, 1188, 1271, 1379-1381, 1514
Patil, S.H., 2988
Patil, S.V., 0888, 1188, 1265, 1635 1636, 1844
Patil, V.S., 1375
Patil Kulkarni, B.G., 2209, 2224, 2225 2227
Patrascoiu, F., 1910
Patro, G.K., 1652-1657
Patruno, A., 1167
Pattanayak, C.M., 0889
Patton, W.B., 0890
Patwa, F.C., 1212
Paulsen, A.Q., 0388, 2172, 2335
Paulsen, G.M., 0348, 0853
Paulsen, M.R., 2738
Paulson, W.H., 1958
Pavgi, M.S., 2226
Pavlov, G.N., 0891
Pavlov, P., 0258, 0343
Pawson, W.W., 3378
Payak, M.M, 2173
PCAR, 0059
PCCMCA, 0060
Pearson, J.D., 0481
Pearson, N.K.Jr., 2667, 2748
Pearson, R.W., 1169
Peaslee, D.E., 1186
Peck, R., 2998, 3059, 3102
Peck, R.A., 0088, 0142, 0754, 0892, 2927
Pedgaonkar, S.M., 2113, 2238, 2239
Pedreira, J.V.S., 1934
Peddy Reddy, T., 1382
Peeper, T.F., 1088
Peeples, M.L., 3346
Peevy, W.J., 1383
Peiersen, R.T., 2052
Pelle, T., 3338
Pelletier, C.A., 3064
Pena, J.A., 0583-0585, 0948-0951
Peplinski, A.J., 2865
Pepper, G.E., 0259, 0344, 3007
Peres, G., 1614, 1832
Perez, J., 0280, 0586
Perez Carbajal, H.F., 2985
Permeti, M., 1935, 1937
Perny, R.A., 1643
Persley, D.M., 2336
Person, N.K.Jr., 2667, 2668, 2748
Perten, H., 2866
Pertot, E., 0184
Perumal, R.S., 2563, 2686-2689
Peter, S.D., 1411
Peterson, W., 3008
Petev, D., 1457, 1461
Petit, L., 2876
Petkov, D., 0893
Petkov, N., 0893
Petkov, T., 0895, 1972
Petrov, O.I., 0667, 1938
Petrova, K.V., 1828
Peyrot, F., 2953
Pfander, W.H., 2937
Pfeifer, V.F., 2865
Pfleger, F.L., 1807
Pfost, H.B., 2799, 3200
Phadnis, B.A., 0373, 0383
Pharande, K.S., 1123, 1194, 1223

Phariss, F.M., 3118
Phillips, J.C., 0260
Phillips, L.J., 1512, 1829
Phillips, R., 3369
Phillips, S.A., 0940, 0941
Phillips, W.M., 1658
Phul, P.S., 0482, 1905
Pi, C.P., 0593
Pickett, R.C., 0020, 0066, 0398, 0399, 0668, 0874, 0875, 1089, 2811, 2900, 3114
Pieri, C., 1384
Pierre, W.H., 1385
Pierron, M., 0326
Pillayarsamy, K., 2183
Pimplikar, V.D., 3371
Pingale, S.V., 2739, 2740
Pinzariu, D., 1939
Pion, R., 2867
Pitre, H.N., 2626, 2632
Pizzi, A.C., 3217
Plancquaert, P., 1940
Plasto, A.W., 2954, 2955, 3184
Plopsoreanu, M., 1941
Plucknett, D.L., 1090, 2053, 3379, 3380
Plumlee, M.P., 2935, 3234
Pocthier, C., 0728
Poethier, G., 1000
Pohland, A.E., 2812, 2813
Pokataeva, O.P., 0261
Pokle, Y.S., 0262, 0483, 1942
Polesello, A., 1943, 3308
Polidori, F., 3067
Polk, K.L., 2494
Pomeranz, Y., 3347
Ponnaiya, B.W.X., 0532
Pons, W.A.Jr., 3309
Ponte, J.J. da, 2114
Pontif, J.E., 2939, 3165
Pooni, H.S., 0390, 0391
Poornachandrudu, D., 2271-2273, 2284, 2285
Poornachandrudu, G., 2273
Poornima, P., 0199, 2743, 2816-2818
Pop, M., 1858
Popa, T., 1858
Popescu, F., 0345, 1386, 1388
Popescu, V., 1944, 1945, 3310
Porcelli, S., 1881
Porcheron, P., 0641, 0831
Porter, K., 0964
Porter, K.B., 1513
Pospelov, A.P., 0679, 1892
Pospelova, L.S., 0667
Postoyalkov, K.D., 1946
Potocnjak, R.J., 3225
Potresova, V.M., 0484, 0485, 0669
Potter, G.D., 2958, 3172 3173, 3185, 3195
Potts, J.R.M., 0346
Poulain, J.F., 1389, 1390
Powers, W.L., 1131, 1132, 1153
Prabhakar, A.S., 0896, 1196, 1264, 1380, 1391, 1453
Prabhakar Setty, T.K., 1264, 1342
Prabhakar Rao, K., 2073, 2527
Prabhanjan Rao, S.B., 0065, 0066, 0897, 0898, 2528, 2532
Prabhune, R.N., 0818
Pradhan, S., 2415, 2416
Prasad, K.G., 1189, 2755
Prasad, M.V.R., 0899
Prasad, S.K., 2368
Prasad, R., 1324, 1325
Prasad, T.G., 0107, 0811, 1087
Prasad, T.V.R., 0048
Prasada, R., 2152
Prasada Rao, G.P., 0805, 0900, 1494
Prasada Rao, K.E., 1360
Prathapasenan, G., 0238, 0239
Pratt, P.F., 1281
Prem Kishore, 2524-2526, 2566, 2583, 3293
Prescott, J.M., 2119
Pressick, J.C., 2745
Preston, R.L., 3182, 3183
Preston, T.R., 1292
Prette, I.R., 3041, 3052
Price, E.G., 0061, 0104
Price, R.G., 2434
Price, V.J., 1549
Prima, G.D., 1947
Prine, G.M., 0344, 0347, 0761, 0932, 1091, 1092, 1518, 1948, 3007, 3009, 3255
Prishchak, G.I., 1949
Pritchard, A.J., 2349
Prithvi Raj, B.K., 1253, 1265
Pro, M.A., 3243
Prugar, J., 2809
Puech, J., 1142, 1897
Pujol, B., 1313
Pukawes, S., 0806
Pund, W.A., 3010, 3011
Pundarikakshudu, R., 0495
Purandharanath, B., 2741
Puranik, S.B., 2115, 2286
Purke, S.V., 0952
Purnachandra Rao, D., 0512
Pushpamma, S., 2901
Puttarudrappa, A., 0670, 0813, 1458, 2225, 2227, 2669
Pyliotis, N.A., 0306

Quamarzzaman, S., 1194
Queroz, M.J.M., 2877
Quevedo, I.F., 1443
Quinby, J.R., 0062, 0143-0145 0486-0489, 1093, 1143
Quintero, S.O., 3016
Quisenbery, J.H., 3262
Qureshi, M.A.H., 1950

Raafat, A., 1509
Raafat, M.A., 3291, 3311
Raay, H.G.T. van., 1951
Rabago, R., 1462
Rabas, D.L., 2956, 3068
Rabb, J.L., 0937, 0938, 0940, 0941, 2428, 3069
Rachie, K.O., 2054
Radder, G.D., 1188, 1379, 1514
Ragab, M.M., 2258
Raghavendra, G., 2752, 2841
Raghumurthy, M., 1094, 3388, 3389
Raghunatha, G., 0048, 0146, 0324, 0825, 2533, 2534
Raghunathan, A.N., 0199, 2744
Raghuwanshi, B.K., 2542
Raghuwanshi, R.K., 2418
Raheja, P.C., 1266
Raj, S.M., 2554
Rajagopal, L.S., 2728
Rajagopalan, S., 2310
Rajakkannu, K., 1165
Rajanna, A., 0263
Raja Reddy, G.S., 1507
Rajashekara, B.G., 0048, 0146, 0324, 0824, 0825, 2533, 2534
Rajendra Prasad, 1355
Rajput, R.K., 3296
Rajput, V.S., 1923, 1924
Rajurkar, B.S., 2535
Rakhimuklov, R.I., 1550
Ram, G.S., 3381
Ramachandram, M., 2539
Ramachandran, M., 1095
Ramchandra Reddy, D., 2540
Ramadan, M.Y., 3070
Ramadas, V.S., 0264
Ramakrishnan, K., 2254, 2255
Ramalingam, R.S., 0490
Raman, V.S., 0147, 0490, 0491, 0578, 0646, 1746, 1993
Ramana, K.V.R., 0264
Ramananda Rao, G., 0239
Ramanadham, S., 1392
Ramanath, B., 0897, 0898, 1077, 1198, 1515, 2528, 2532
Ramanatha Chetty, V., 2536, 2537
Raman Goud, T., 2538
Rama Rao, K.V., 0828, 1914, 2814
Rama Rao, P.V., 0901, 0902, 1516
Rama Rao, V.V., 2742
Rama Sastry, D.V., 2287, 2343
Ramaswamy, K.R., 0148, 1708, 1746
Ramazanov, B.G., 1482
Ramesh Chander, 2690
Ramirez, J.L., 2627
Ram Mohan Rao, M.S., 1185, 1198, 2539
Ramnath., 2077, 2173
Rana, B.S., 0492, 0493, 0903
Rana, V.K.S., 0503, 1759
Ranaivosoa, H., 2569
Rand, R., 1958
Randolph, N.M., 2411, 2590, 2596, 2628, 2629, 2656, 2660, 2661, 2815
Raney, H.G., 2417, 2425, 2473, 2474
Rangaiah, B.V., 2365, 2540
Rangamannar, K.T.V., 1398
Ranganathaiah, K.G., 2209, 2288, 2289
Rangarajan, A.V., 2591
Ranga Rao, V., 1185, 2539
Rangaswami, G., 0181, 1562-1565, 2310
Rangaswamy, J.R., 2743, 2744, 2816, 2818, 2868

Rangaswamy, S.R., 0265
Rangil Singh, 1952
Rangland, W.W., 3037
Rani, I., 2173
Ranjhan, S.K., 3186
Rantuccio, C., 1359
Rao, B.A., 0201
Rao, B.J.M., 1653
Rao, C.R., 1378
Rao, D.V.N., 0251, 1096, 1267, 1507, 1649
Rao, G.S.C.R., 3312
Rao, H.K.H., 0494, 0495
Rao, K.N., 0264
Rao, L.V., 1393, 1394, 2540
Rao, M.G., 0426
Rao, M.G.K., 0663
Rao, N.G.P., 0063, 0064, 0433, 0496-0504, 0544, 0545, 0579, 0661, 0671, 0903, 1097-1099, 1395, 2756
Rao, P.P., 1312
Rao, P.V., 1396
Rao, S.B.P., 0065, 0066, 0897, 0898, 2528, 2532
Raodeo, A.K., 2541
Rasmussen, J.A., 1659, 3290
Rasovic, B., 3000
Rasper, V., 2714
Rathore, R.S., 2200
Rathore, V.S., 2418, 2542
Rauch, K.E., 3138
Raut, J.G., 2124, 2174, 2175, 2188
Rautou, S., 0672, 2055
Ravindranath, E., 1397
Rawat, R.R., 1056, 2657
Rawla, G.S., 2176
Ray, M.L., 2945
Ray, N., 3345
Raychaudhuri, S.P., 2120
Read, J.W., 3071
Reay, P.F., 0266, 0267
Rebola, J.L., 3045
Reddi, N.S., 0135, 0149
Reddi, V.R., 0215, 0378, 0379, 0505-0512, 0673
Reddy, C.R., 0449, 0513
Reddy, C.V., 3263
Reddy, D.R., 3263
Reddy, G.H.S., 1398
Reddy, G.S.R., 1096
Reddy, P.R., 0100, 0201, 0741, 2537
Reddy, S.N., 1398
Reddy, S.R., 1398
Reed, D.L., 3183
Reeder, J., 1660
Rees, H., 0477
Reeve, T.A., 3012
Reeves, H.E., 0108, 0281, 1467
Refai, F.Y., 0415
Regier, ., 1225, 1226, 1522
Rehm, G.W., 1953
Reich, V.H., 1144, 1488, 2819
Reiners, R.A., 2745
Relwani, L.L., 1954, 1955
Renbarger, R.E., 3151
Renfro, B.L., 2143, 2167, 2220, 2281
Retzer, H.J., 0791
Reuss, J.O., 1208, 1209
Reyes, L., 1363, 2204, 2259, 2260, 2290
Reyes, N., 0403
Reynolds, G., 0904
Reynolds, W.L., 3128
Rezania, M., 1551
Rhykerd, C.L., 0777, 1791
Ribagin, T., 0905
Ribeiro, D., 1100
Ricaud, R., 0906
Riccelli, M., 0674
Riccelli, M.M., 0514, 0907-0909, 1101
Ricci, J.R., 1661
Rich, P.A., 1956
Richardson, A.J., 0311
Richardson, L.G., 2606
Rickard, S.F., 2078
Rieck, W.L., 3072
Riewe, M.E., 2957
Riggs, J.K., 0155, 2958, 2959, 3120, 3133, 3166, 3167, 3172, 3173, 3185, 3187-3190, 3194, 3195
Rigor, E.M., 3207
Rijks, D., 1103
Riley, J.G., 2969, 2970, 3093
Ritchie, H.D., 3013
Ritchie, J.T., 1145-1149
Ritter, C.W., 2056
Riveros, M.H.C.K.de., 3014
Rizzon, L.A., 1180
Robbins, B.S., 3224, 3226, 3227
Robbins, G.L., 3409
Roberson, R.H., 3264
Robertson, W.K., 1268
Robins, M.F., 1763
Robinson, D.L., 0937, 0938
Robinson, W.I., 3070
Robison, G.D., 3012, 3015
Robison, L.R., 1545, 1662
Rockwell, W.C., 2875
Rodrigo, Y., 0067
Rodriguez, B.A., 1290
Rodriguez, J.C., 3052
Rodriguez, R.R., 0311
Rodriguez-Carrasquel, S., 1957
Roeth, F.W., 1663-1665, 1747
Rogers, C.E., 2469
Rogler, J.C., 3242, 3266, 3267
Rohweder, D.A., 1958
Rojas, F., 0909
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Rojas-Gomez, E.J., 0268
Rollins, G.H., 3073, 3074
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Rosas, C.J.E., 2630, 2631
Rosas, H., 3016
Rosas, J.E., 2419, 2420
Rosenkranz, E.E., 2337
Rosenow, D.T., 0068, 0515, 0516, 0632, 0807, 0910-0913, 0936, 0965, 0966, 1484, 1513, 2097-2100, 2136, 2155, 2204, 2259-2261, 2290, 2291, 2487, 2578, 2618, 2904
Rosenthal, B.E., 3349
Roshan, L., 2579
Ross, J.G., 0315
Ross, J.S., 3382
Ross, W.M., 0069, 0086, 0517, 0518, 0622, 0675-0677, 0873, 0914, 0915, 1104, 1105, 1517, 1544
Rossiter, J., 1960
Rostagno, H.S., 3265-3267
Roth, G.M., 3111, 3119, 3171
Roth, J.A., 1399
Roth, J.P., 2626
Roth, J.R., 2632
Rothwell, D.F., 1335, 1336
Roughan, P.G., 2824
Rouse, R.D., 1748
Rousseau, J., 3313
Rout, G., 2670
Roverso, E.A., 2948, 3145
Rowley, J.A., 0361
Roy, R.N., 1401-1403
Roy, S.B., 1255
Ruane, D.J., 3228, 3229
Rubio, R.R., 3003, 3004
Ruckman, J.E., 1879
Rudbeck, J.P., 3410-3412
Ruelke, O.C, 0932, 1518
Ruiz, G., 2639
Rukma Reddy, N., 0519
Rummel, D.R., 2421, 2633
Ruppel, R.F., 2079
Russ, O.G., 1650, 1651
Russell, J.S., 1106
Russell, M.J., 2012
Rustogi, V.S., 1349
Ruth, G.P.E., 1269
Rutledge, A.E., 3191
Ruxton, I.B., 1823-1825
Ryan, J., 2116
Ryan, J.A., 1186
Ryan, M.E., 3383

Saadati, K., 1107
Saba, W.J., 3192, 3193
Sabiha, S., 2825
Sabley, D.V., 1377
Sachan, J.K.S., 0520
Sadaphal, M.N., 1370, 1406
Sae, S.W., 2405, 2826
Saeed, A.A., 1667
Safarov, T., 0070
Safaya, N.P., 1189
Safeeulla, K.M., 2228, 2229
Safley, L., 1326
Saharan, G.S., 2117
Sahasra Budhhe, K.R., 1407
Sahu, H.R., 2657
Sailsbery, R.L., 2052
Saksena, H.K., 2230
Salas, F.C.A., 0071
Salazar, A.G., 0348
Salazar, B.A., 1108

Saldarriage, V.A., 2422, 2423
Salih, F.A., 1283
Salyametov, R.A., 2827
Sam, M.J., 2528
Samford, R.A., 3194, 3195
Samiappan, M., 2672
Samson, M.F., 2856, 2929
Sanchez-Diaz, M.F., 0150, 0202-0204, 0349, 0350
Sandal, P.C., 1762
Sander, D.E., 2028
Sanders, T., 2009, 3027
Sanderson, K.W., 1961
Sandhu, G.S., 2690
Sandlin, C.O., 0521, 0522
Sanford, J.O., 1270
Sanford, P.E, 2772, 3268-3270, 3273
Sanford, R.A., 2958
Sangwan, R.S., 1962
Sanjeevaiah, B., 0198
Sankaran, S., 1668, 1669
Santana, D.V.M., 3271
Santawisuk, T., 0851
Santelman, P.W., 1088, 1670-1672
Santharam, G., 2530
Santiago, P., 1408
Santos, J.H.R., 2397
Sapin, P., 1109
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Saran, G., 1681
Saraswathi, V., 2143, 2167, 2220, 2279-2281
Sardana, M.G., 1312, 1344
Sarkar, A.N., 2906
Sarkissian, I.V., 0529
Sarma, K.N., 1396
Sarma, V., 1187
Sarma, V.S., 1271
Saroha, M.S., 1673, 1674
Sarria, V.D., 2074
Sasser, J.N., 2369
Sastrodihardjo, S., 1110
Sastry, K.S.K., 1375
Sauer, D.B., 0269, 2242, 3093
Savitri, H., 2131
Sawell, J.O., 3211
Saxena, H.P., 2695
Saxena, M.C., 1414
Saxena, O.P., 0270, 0271
Saxena, P.N., 1409, 2402
Saxena, S.N., 1420
Scantamburlo, J.L., 0880-0886, 1086, 1930, 1964, 2206, 2625
Scarsbrook, C.E., 1748
Schaefer, P., 1410
Schaffert, R., 0020
Schaffert, R.E., 0668, 2828
Schake, L.M., 2959, 3120, 3166
Schalles, R.R., 3119, 3171
Scheffer, R.P., 3292
Scheibner, R.A., 2424, 2425
Schertz, K.F., 0126, 0431, 0432, 0523-0529, 0632, 0936
Schmid, A.R., 3017, 3068
Schmidt, S.C., 3413
Schmidt, W.H., 0869-0871, 1083
Schneider, A.D., 1552
Schneider, B.A., 1965
Schneider, R.E., 3314
Schneider, W., 2967
Scholl, J.M., 1675, 1700
Schrader, W.D., 1272
Schreiber, M.M., 0151
Schroeder, H.W., 3315
Schuh, J.D., 3196, 3197
Schumaker, G., 2594
Schuster, D.J., 2475, 2476
Schwartz, E.J., 1953
Schweigatt, F., 2873, 3350
Schweissing, F.C., 2477
Schweizer, E.E., 1676
Scifres, C.J., 1966, 1967
Scott, D.L., 1698
SCPA, 1404, 1405
Seckinger, H.L., 2829
Sedberry, J.E.,Jr., 1383
Seely, M.K., 2830
Seethrama Rao, B., 0233
Seibert, J., 0076, 3384, 3385
Sejko, D.A., 0648, 1893
Sekhon, S.S., 2635
Sekizawa, K., 1510
Sela, I., 2332
Selvaraj, K.V., 0711
Selzametov, R.A., 3075
Senanarong, A., 0916
Senanarong, N., 1477
Sene, D., 0072
Sengupta, S.P., 0530, 1749
Sennik, M.G., 1968
Sentov, R., 2831
Sepsawadi, P., 2543
Sergeey, V.G., 1677
Serrano, J.M., 0067
Seshadri, P., 1411
Seshagiri Rao, T., 0198
Seshu, K.A., 1280
Sethu Rao, M.K., 0762, 1111
Sethupathi, R.R., 0531, 0532
Setokuchi, O., 2478
Setty, R., 3403
Setty, R.A., 1188, 1412
Sewlikar, A.L., 2355
SGTHAG, 1553
Shabalta, S.M., 0960
Shafer, S., 1519
Shafer, S.L., 0073, 0074, 0917, 0986-0988
Shafique, M., 3272
Shah, A.H., 2589
Shah, H.K., 0270, 0271
Shahor, G., 2217
Shaikh, G.A., 1413, 3316, 3317
Shaikh Niaz Ahmad, 0678
Shakuntala Raju, 1094
Shaligram, G.C., 1415
Shamsiev, A., 1224
Shamsuddin, M., 2907
Shankar, J.V., 2737
Shankar, K., 1969
Shankare Gowda, B.T., 0533, 0534
Shanmugan, K.S., 0918
Shanmugasundaram, S., 1095
Shantha Veerabadraiah, S.M., 1253
Shapley, D., 2874
Shaptsev, E.V., 1224
Sharma, A.K., 1300
Sharma, B.M., 1414
Sharma, B.N., 2848
Sharma, C.P., 1282
Sharma, D., 1252
Sharma, D.K., 2029
Sharma, G.C., 2515
Sharma, G.D., 0213, 0391, 1926-1929, 3033
Sharma, J.K., 2144-2148, 2177, 2178, 2182, 2621, 2683
Sharma, L.D., 3318
Sharma, R.K., 0929
Sharma, R.V., 0592
Sharma, S.K., 2597
Sharma, V.G., 1415
Sharma, V.V., 2960
Sharnagat, B.K., 2697
Sharpless, R., 1281
Sharova, O.D., 0628
Shatvoryan, M.P. 2691
Sharvrina, N., 0719, 0919
Shaw, R.A., 2598
Shearman, L.L., 0351
Shedley, D.G., 2634
Sheiko, D.A., 0679, 1894, 1970
Shekhawat, G.S.,1416, 1520
Sheldrick, R.D., 1971
Shelton, M., 3139-3144, 3198
Shende, R.L., 1377
Shentov, R., 0895, 1112, 1521, 1972
Shepel, N.A., 0680, 0681, 0920-0923, 1973, 1974
Sheirdan, K.P., 3076, 3077
Sheriff, R.A., 1678
Sherro, L.B., 2928
Shibabe, S., 2084, 2085
Shibraev, N.S., 1113
Shikata, S.,0139, 0664
Shimabukuro, R.H., 0242, 0243, 0272, 3131
Shimiju, N., 0279
Shinde, C.B., 0924
Shinde, V.K., 0952, 2353-2355
Shipe, E.R., 3304
Shipley, J., 1225, 1226, 1522
Shirke, D.B., 2573
Shirley, R.L., 3107, 3108, 3169
Shivaraj, B., 1074, 1379
Shivanandaiah, M.P., 0925
Shivpuje, P.R., 2692
Shkodra, M., 1935, 1937
Shoup, F.K., 2747, 2772, 2907, 2961, 3270, 3273
Shri Ram, 1975, 2544, 2671
Shropshire, W., 0218
Shu-Hua, S., 2186
Shukla, N.P., 3296, 3319
Shukla, P.C., 1932
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Shukla, S.P., 1679, 1680
Shukla, U.C., 1189, 2755
Shul 'Meister, K.G., 1227
Shurupov, ., 0926
Siddaramaiah, B.S., 0822
Siddig, S.A., 2592

Siddique, M.R., 2292
Sidhu, B.S., 1906
Sidhu, G.S., 2962
Sierra-Braccro, A., 1738
Signoret, P.A., 2338, 2340
Sigurdson, D.C., 1994
Sij, J.W., 0352
Sill, W.H., 2335
Silva, D.J., 2948, 3145
Silva, D.J.da., 2986
Silva, J.F.C., 3018, 3025
Simmonds, D.H., 2774
Simon, J.A., 2080
Simon, P.W., 2081
Simonenko, V.K., 0535
Simpson, B.J., 1331
Sims, J.L., 1186
Sinclair, T.R., 0151
Sindagi, S.S., 0536, 0537, 0643
Singh, A., 0206, 0927, 0928, 1114, 1423-1425
Singh, A.B., 2317
Singh, A.P., 0660, 1978, 2807, 3305, 3306, 3319
Singh, B.S.P., 2179
Singh, C., 1351
Singh, D., 0536, 0537, 1115, 1182
Singh, G., 2180
Singh, H., 3078
Singh, H.D., 2756
Singh, H.G., 0206, 1674
Singh, H.P., 1273
Singh, I., 1874
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Singh, J., 0288, 1526
Singh, J.N., 1274
Singh, K., 0273, 0929, 3079
Singh, K.C., 1976
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Singh, M.P., 0943
Singh, N., 2962
Singh, N.T., 1190
Singh, P., 0930, 1417
Singh, P.P., 2278
Singh, R., 0020, 0216, 0538, 0539, 2545, 2908, 3081
Singh, R.A., 2166
Singh, R.B., 0078
Singh, R.P., 0078, 0899, 1263, 1976-1978
Singh, R.R., 1526
Singh, R.S., 2181
Singh, R.S.P., 1406
Singh, S., 2331, 2517, 2518
Singh, S.B., 2200
Singh, S.D., 1418, 1979, 1980
Singh, S.P., 0393, 0394, 0540-0542, 2580, 2581, 2584, 2619
Singh, S.R., 1329
Singh, U., 0405, 0406, 0543, 1115
Singh, V., 3296
Singh, Y., 1523
Singh, Y.P., 1329, 2548, 2549, 2658, 2694
Singhania, D.L., 0544, 2426
Singletary, C.B., 0937, 0938, 0941, 1904
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Sinha, S.K., 0323, 0545
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Sistachs, M., 1419, 2057
Sithanantham, S., 2672, 2673
Sivakumar, C.V., 2687
Sivaramakrishnaiah, M., 0666, 1378
Sivasankaran, D., 1095
Sizaret, A., 3351
Skiles, C.A.Jr., 2914
Skoch, K., 2907
Skoknic, K.A., 3225
Skultety, M., 3199
Slack, C.R., 2824
Slater, W.G., 0112
Slatyer, R.O., 0221
Sletten, W.H., 1216, 1217
Slife, F.W., 1682
Slifer, E.H., 2635
Slinger, S.J., 2714
Sloan, D.R., 3274
Sloane, L.W., 0937, 0938
Slusanschi, H., 1857, 1858
Slvori, E.M., 0274
Smasoni, Z., 0295
Smetana, P., 2932
Smillie, R.M., 0297
Smith, B.A., 1010, 1490, 3352-3354
Smith, C.K., 3180, 3181
Smith, D.C., 0546, 1981
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Smith, D.T., 1683-1685
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Smith, L.A., 1748, 3073, 3074
Smith, L.W., 3026
Smith, R.C., 3352-3354
Smith, R.L., 1686
Snow, J.P., 2341, 2342
Snyder, G.H., 1444
Solomon, S., 1757-1759
Somani, L.L., 1420
Somehoudry, A.K., 2906
Sommer, A., 3199
Son, S.H., 1118, 1275
Sood, N.K., 2418, 2542
Soni, P.N., 1349
Sorenson, J.W., 2748, 3189, 3190
Sorenson, J.W.Jr., 2667, 2668
Sorokin, M.A., 1982
Sosa, M.C., 2624
Sostaric-Pisacic, K., 1983
Soto, P.E., 2546, 2585
Sotula, P.I., 0859, 2058
Soumare, L., 0075, 1001
Soumani, R.C.K., 2236
Souto, S.M., 1473, 1795, 2996, 3056
Souza Lucci, C.de., 1984, 3021, 3022
Sowell, G., 2265
Sowell, G.Jr., 2138
Soza, R.F., 0353
Spears, B., 0076
Spears, B.R., 1604
Spilsbury, R.D., 1750
Spooner, A.E., 1751
Spotanski, R.F., 1687
Sprague, G.F., 1019
Sprague, E.W., 0077
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Sreenivasulu, M., 0958, 2540
Sree Ram, 0265, 2549
Sreeramulu, C., 1877
Sree Ramulu, K., 0547-0577, 0682, 0683
Sree Ramulu, U.S., 2530
Sree Rangasamy, S.R., 0531, 0572-0578, 0683
Sridhar, N., 2547
Srinath, D., 2693
Srinivasan, G., 0876
Srinivasan, S., 2183
Srinivas Murthy, J., 0762
Srinivasulu, G., 0452, 0644, 0839, 1065
Srinivasulu, M.R., 0958
Srivas, N.C., 3305
Srivastava, A.S., 2439, 2548, 2549, 2658, 2694-2696
Srivastava, B.G., 2515
Srivastava, J.L., 2695
Srivastava, K.M., 2439, 2514, 2696
Srivastava K.P., 2427, 2516
Srivastava, R.N., 0078
Srivastava, R.P., 2963
Srivastava, S.P., 1421-1425
Srivastava, V.C., 0275
Stafford, H.A., 0276, 0354-0356, 2833
Stafford, L.E., 0243, 0244, 0272
Stallcup, O.T., 3082, 3121-3123, 3150
Stan, V., 1917
Standley, L.A., 0219
Stanford, R.L., 2636
Stanley, R.L., 0761
Stanley, R.L.Jr., 0932
Stanley, R.W. 2964
Stansell, J.R., 0113
Starbuck, M.J., 0219
Starks, K.J., 0616, 0972, 2452, 2476, 2479-2483, 2495, 2498, 2499, 2550, 2551, 2593, 2594, 2663
Starr, M.P., 2307
Starr, R.I., 0357
Station, H.C., 1610
Steevens, B.J., 3137, 3138
Stevens, R.A., 2674
Stekar, J., 2834
Stelly, R., 3385
Stephenson, E.L., 2835, 3275, 3281
Stevens, M.H., 1426
Stevenson, K.R., 0293, 0294
Stewart, B.R., 2030, 2748
Stewart, G.A., 1120
Stibbe, E., 1554
Stiles, D.A., 3200
Stirling, H.G., 2730
Stobbs T.H., 3083
Stockinger, K.R., 0240
Stone, J.F., 1467
Stone, L.R., 1150, 1228, 1229
Stonov, L.D., 1569
Storey, J.B., 1742
Strelets, R.S., 1921, 3005
Stritzke, J.F., 1536
Strohbenn, D.R., 3018

Stull, J.W., 3136
Subbaraja, K.T., 2118, 2183
Subba Rao, G., 0684, 1986, 2552, 2595
Subba Rao, I.V., 1587, 1588
Subba Rao, V., 2675
Subba Reddy, B.V., 0579
Subba Reddy, S., 0252, 2059
Subbarayudu, V.C., 1396, 1494
Subramanian, J.S., 2183
Subramaniam, T.R., 2488, 2522, 2558, 2559, 2563, 2672, 2673, 2688, 2689, 2708
Subrahmanyam, B., 2553
Subramanya Sastry, K., 0205
Sugimoto, T., 3320
Sugimura, K., 2965
Sugnakar Rao, B., 0152
Sukhani, T.R., 2402, 2427, 2517, 2518, 2620
Suleimanov, A.S., 0277, 2065
Sullins, R.D., 0153-0155, 2822, 2823, 2869-2872, 2905
Sullivan, C.Y., 0121, 0298, 0351, 1018, 1201
Sullivan, L.M., 3136
Sumner, D.C., 1987
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Sundaramurthy, V.T., 2673
Sundara Raju, R., 2530
Sunderman, H.D., 1219, 1339, 1373, 1374, 1511
Sunesen, N., 3220
Sung, N.E., 2836
Supare, N.R., 2069, 2401, 2611
Surachet Jamornaman., 2432
Suraj Bhan, 0206
Surender Reddy, K., 1649
Surendran, C., 0443, 2208
Suresh, S., 1764
Surupov, V., 0933
Sutherland, J.I., 3355
Suzuki, T., 2965
Swaminathan, M., 2883-2885, 2895-2898
Swaminathan, M.S., 0580
Swanson, H.R., 0242
Swarup, V., 0536, 0537
Swearingin, M.L., 0079
Swift, H., 0367
Swink, J.F., 0095, 0096, 0287, 0986-0988, 1617, 1618, 1676, 1688, 2015
Swoboda, A.R., 1357
Syamasundar, J., 0878, 2736
Syamasundara Murthy, P., 0156
Syed, H.M., 0207
Sykes, A.H., 3276, 3277
Sysoev, A.F., 0619
Szalay, S., 0295
Szava, J., 1438
Szeicz, G., 1151
Szilagyi, M., 0295

Taborda, F., 0934, 2837
Tafran, A., 3054, 3055
Tahir, W.M., 0685, 0687
Tailakov, N., 0278
Tajima, K., 0279, 0358, 2838
Tak, V.B., 1298
Takahashi, M., 1555
Takami, S., 1151
Takano, N., 3023
Taley, Y.M., 2501, 2510, 2511, 2607, 2637
Talawar, S.N., 3407
Talwalkar, R.T., 2909, 2910
Tamimi, S.A., 2297
Tamimi, Y.N., 1090, 1427, 3380
Tampalini, G., 1943, 3308
Tamura, S., 2965
Tanaka, A., 2082
Tanaka, F.S., 0244
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Tapia, B., 0080
Taranova, R.S., 1689
Tardani, A., 3261
Tarumoto, I., 0581, 1765, 1989-1991, 2184
Tateno, K., 0235, 1428
Tatintseva, S.S., 0157
Tatwawadi, G.R., 1121
Tayler, R.S., 1485
Taylor, A.O., 0186, 0359-0361, 1136, 1152
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Teetes, G.L., 0633, 2411, 2421, 2440, 2450, 2451, 2471, 2472, 2482, 2484-2487, 2590, 2596, 2604, 2605, 2618, 2628, 2629, 2656, 2661, 2815
Teferedegn, T., 2364
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Theriez, M., 3202
Theurer, B., 3096, 3116, 3149, 3193, 3196, 3197
Thielebein, M., 0687
Thimmaiah, G., 2076, 2523, 2555-2557 2603, 2662, 2669
Thirumurthi, S., 2488, 2558, 2559
Thivend, P., 3201, 3202
Thobbi, V.V., 2560
Thoele, H.W., 3124
Thomas, C.A., 0993
Thomas, G.W., 0083, 1357, 1363
Thomas, J., 0076
Thomas, J.G., 2638
Thomas, N.B., 1712
Thomason, R.E., 1126
Thompson, D.O., 1157
Thompson, J.A., 1524, 3076, 3077
Thompson, L.Jr., 1619
Thompson, T.E., 0936
Thompson, T.L., 2024, 2029, 2738
Thompson, Y., 2797
Thomson, P.L., 0084, 0085, 0582, 0688, 0935
Thosar, V.R., 1429
Thurbon, P., 3085
Thurman, C.W., 0726
Thurtell, G.W., 0293, 0294
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Tikyani, M.G., 2241, 2381-2383
Timirgaziu, C., 1995, 1996
Timirgaziu, E., 1995, 1996
Tippins, H.H., 2464
Tipton, K.W., 0788, 0937-0942, 1383, 1525, 2428, 2654
Tiru, I., 1997
Tiwari, B.P., 1276
Tiwari, K.N., 0943
Todd, J.W., 2429, 2430
Toler, R.W., 1705, 2092, 2314, 2318, 2323, 2342, 2350
Tomer, P.S., 1526
Tomer, S.S., 1276
Tomeu, A., 0280, 0583-0586, 0944-0951, 1527, 2749
Tonroy, B.R., 3234
Toranzo, E.G.D.de., 3014
Toranzos, M.R., 2985
Tosh, G.C., 1653-1657
Tosic, M., 2351
Toth, A., 0295
Tottos-Nagy, R., 1438
Totusek, R., 2998, 3059, 3102, 3115, 3151
Tourte, R., 1390
Touzaa, G., 1690
Tovar, D., 2158
Tovar, P.D., 0771, 0772
Trahan, G.J., 0937, 0938
Tregunna, E.B., 0305
Trible, L., 3235
Tripathi, B.K., 0587
Tripathi, D.H.P., 2185
Tripathi, D.P., 0499, 0500, 0503, 0903
Tripathi, R.K., 2298
Tripathi, S.K., 1274
Trogdon, G.W., 1337
Trotsenko, A.G., 0658, 0689, 0860
Troutman, J.L., 2150, 2231
Trybom, J.C., 1107
Tsintsadze, A., 1704
Tsoi, I.V., 1998
Tsoi, S.M., 1192, 1193
Tsuruta, O., 3320
Tsybul'Kov, V.S., 0285, 0370, 0371
Tucker, B., 1430-1432
Tucker, B.B., 1366, 1845
Tucker, J.M., 1785
Tudor, G.D., 2966
Tufail, M., 1122
Tuleen, D.M., 2136, 2186
Turcany, J., 1999
Turkhede, B.B., 1681
Turner, J.W., 1904
Turner, M.S., 3405

Turner, N.C., 0363-0366
Turner, W.E., 1585
Turnquist, P.K., 1463
Tuttle, D.M., 2412
Tweedy, J.A., 1433
Twine, P.H., 2489
Tyagi, P.C., 2072
Tyutyunnik, B., 2000
Tyutyunnik, T., 2000

Ubaidul Islam, A.N.M., 2266
Udayachand, U., 0666
Ullstrup, A.J., 2232, 2233
Umat, D.S., 1475
Umarani, N.K., 1123, 1194, 1223
Unger, P., 1226
Unger, P.W., 1277, 1691, 2001, 2060
United States Feed Grains Council, 3278
United States Department of Agriculture, 3386, 3387
Upadhyay, U.C., 0952, 1155, 1298, 1434, 1435
Uprety, D.C., 1436
USA: University of Georgia., 0953-0955
Useglio de Treiyer, E.E., 0588
Ushiyama, M., 1871
Usman, S., 2523, 2557, 2561, 2562, 2603
Uzunov, P., 1457

Vaille, J., 0015, 1437, 1530
Valy, E.L., 3045
Vamadevan, V.K., 1011
Van Bavel, C.H.M., 1151
Vandenborre, R.J., 3413
Vanderlip, R.L., 0122, 0210, 0281, 0589, 0974, 1107, 1528, 1692
Vandiver, C.W., 1637, 1699
Van Kampen, K.R., 3321
Van Rensburg, N.J., 2490, 2491
Van Slobbe, L., 0055
Varadinov, S.G., 0090, 0956, 1127
Varadinov, S.V., 0692
Varga, A., 2839
Varga, J., 1438
Varga, P., 1857
Vasilev, K., 1457
Vasil'ev, V.K., 1946
Vasudeva Rao, M.J., 0424, 0425, 0590
Vaughan, C.E., 2032
Vecchiettini, M., 1439
Veeranna, V.S., 1440
Vega, G.J.D., 1230
Velayudhan, K.C., 1907
Velichko, G.P., 1246
Velloso, L., 3024
Venica de Nemirovsky, N. 2698
Venkat Rao, S., 2883-2885, 2898
Venkataraman, K., 0591, 0957
Venkataraman, R., 0433
Venkataramu, M.N., 1094, 3388, 3389
Venkata Rao, A., 2750
Venkata Rao, B.V., 0263
Venkata Rao, G., 2285
Venkateswara Rao, L., 0958, 2365
Venkateswara Rao, T., 1392
Venkateswarlu, J., 0504
Venkatasubramanian, T.A., 2946, 2947, 3113
Venugopal, M.S., 2563
Venugopal, N., 0048, 0324, 0825
Verde, L., 3152
Verma, B., 1077, 1515, 2528
Verma, D.K., 2840
Verma, M.L., 2962
Verma, N.C., 3079
Verma, R.S., 2384, 2385
Verma, S.K., 1195
Vermorel, M., 3125, 3201, 3202
Vervack, W., 3042
Very, W.J., 2719
Vesecky, J.F., 1692, 2002
Veter, R.L., 3038-3040
Viard, R., 1534
Vidal, A.G., 3390
Vidal, D.H., 2003
Vidhyasekaran, P., 2122, 2123, 2187, 2234
Viera-Diaz, J., 0908, 0909
Vigil, E.L., 0367
Vijai Singh, 2807
Vijay Kumar, 2004
Viktorenko, V.D., 0598
Vilela, H., 3025
Vilietsra, H., 3350
Villachica, L.H., 1441-1443
Villarreal, C.E., 2005, 2006
Vinod Shankar, 1598
Vinogradov, Z.S., 0959
Viraktamath, C.S., 2751, 2752, 2841
Virupaksha, T.K., 0223, 0224
Vishakanathaiah, M., 2699
Vissova, V.I., 0960
Visweswara Gowda, B.L., 2609, 2699
Visweswara Rao, K., 2770, 2771
Vittal Rao, S., 0961
Vlas, I., 2007
Vlasova, V.I., 2311
Vlietstra, H., 2873
Voelker, H.H., 2008
Voigt, R.L., 0755, 0962, 1143, 2149, 2150
Voilleque, P.G., 3064
Volk, B.G., 1444
Vora, V.J., 2589
Vovchenko, A.N., 1998
Vuillet, A., 1557
Vyas, D.L., 1418, 1979, 1980
Vyas, H.K., 2597
Vyas, S.C., 2083

Wadhokar, R.S., 0744, 0745
Waelti, H., 1463
Wagle, D.S., 2775
Wagner, D.G., 2967, 3127, 3163, 3164
Wagner, V.J., 0109
Waits, G.D., 1141, 2021
Wakankar, S.M., 0592
Wakikado, T., 2082
Waldp, D.R., 3026, 3203
Wäldren, R.P., 0182
Waldrip, W.J., 1899
Waldroup, P.W., 3274
Walker, A.L., 2492, 2493
Walker, H.J., 0963-0966
Walker, H.G.Jr., 2875
Walker, N., 1220
Wall, J.S., 0086
Wallihan, E.F., 0368
Walsh, E.J., 0714, 0717, 0718, 0967, 0968
Walsh, W.C., 0272
Walter, J.P., 1693
Walter, T.L., 0877, 0969, 0970
Wang, S.L., 0593
Wanger, D.G., 2927
Wangikar, P.D., 2124, 2175, 2188
Wanjari, K.B., 0743-0745, 1801
Wanjari, M.R., 0594
Ward, C.R., 2494, 2598, 2606, 2616, 2636, 2639, 2681
Ward, C.Y., 2009, 3027
Ware, G.W., 2412
Warmake, H.E., 0476, 0595
Warner, R.G., 3204
Warnick, R.E., 3240
Warokar, R.T., 1057
Warsi, A.S., 1445-1448
Watanabe, H., 2085
Watson, C.A., 2028, 2785, 2842
Watson, C.E., 0768-0770, 0841
Watson, D.R.W., 2312
Watson, S.A., 2720, 3322
Watson, V.H., 0890, 1257, 2009, 2977, 3008, 3027, 3094
Weak, E.D., 2842
Weatherwax, P., 0159
Weaver, D.N., 1605
Webb, B.K., 1694
Webster, J.A., 2700
Webster, O.J., 0069, 0087, 0602, 0873, 2218
Webster, W.B., 3049
Wedderspoon, I.M., 1706, 1752
Weddige, L.A., 1141
Wedin, W.F., 1069, 1791, 3086
Weibel, D.E., 0088, 0125, 0142, 0416, 0417, 0421, 0530, 0690, 0691, 0971, 0972, 1081, 1088, 1134, 1135, 1749, 2480, 2481, 2483, 2495, 2499, 2753, 2843
Weis, G.G., 1958
Wellhausen, H.W., 3028
Wells, D., 2915
Wells Homer, D., 2151
Wendt, C.W., 1124, 1177, 1556
Werb, J.R., 1272
Wesley, W.K., 0369
Wesley-Smith, R.N., 3087
Wessels, J.P.H., 3252, 3279, 3280
Westerman, R.L., 1449-1451
Weston, E.J., 1278
Whan, I.F., 0994
Wheeler, J.L., 3088
White, G.L., 0180
White, G.M., 3331
White, T.W., 3128, 3205, 3206
Whitehead, W.K., 1694
Whitman, W.C., 1839
Wicks, G.A., 1125, 1578-1581, 1695, 1696
Widstrom, N.W., 2031, 2431, 2640, 2648-2651
Wiegand, C.L., 0311, 1128
Wiese, A.F., 1581, 1589, 1637, 1685, 1691, 1697-1699

Wild, A., 1452
Wilde, G., 2460, 2496, 2616
Wilhelm, L.R., 3356
Wilkie, J.P., 2308, 2309
Wilkinson, D.R., 2235
Wilkinson, R.E., 1616
Willey, R.W., 0973, 1262
Williams, D.H., 0768-0770, 0841
Williams, D.J., 2701
Williams, K.C., 3236, 3237
Williams, O.H., 1712
Williams, P.M., 2761
Willis, W.G., 2371
Wilson, G.L., 0112, 0307, 0309, 0310, 0340-0342, 1003, 1004, 1016, 1027, 2041, 2042
Wilson, J.M., 2261, 2291, 2299, 2300
Wilson, N.D., 0088, 2843
Wilson, P.H., 3148
Wilson, R.D., 0282
Windscheffel, J.A., 0974
Winks, L., 3085
Winningham, R.M., 3147
Winstead, J., 2915
Wiseman, B.R., 0174, 0975, 2031, 2410, 2429-2431, 2599, 2622, 2640-2651 2685, 2702-2704
Witt, M.D., 1528
Wittmuss, H.D., 1662
Woldetatios, T., 1675, 1700
Wolf, M.J., 2829
Wolfenbarger, D.O., 2652
Wolff, I.A., 3327
Woo, K.C., 0289
Wood, E.A.Jr., 0972, 2481-2483, 2495, 2497-2499, 2663
Wood, F.O., 1460, 1481, 2060
Wood, I.M.W., 1701
Woodal, W.E., 1741
Woodburn, D.A., 3013
Woods, L.E., 3089
Woody, H.D., 3013
Worker, G.F., 0089, 0977, 0978
Worker, G.F.Jr., 0976, 1126, 2010
Wrage, L.J., 1702
Wright, B.C., 1370, 1402, 1403, 1446-1448
Wright, W.G., 1536
Wu, T.P., 0596
Wu, Y.V., 2844, 2845

Yadahalli, Y.H., 0890, 1074, 1196, 1381, 1453
Yadav, L.N., 0592
Yadava, H.R., 2278
Yahl, K.R., 3322
Yakushevskii, E.S., 0090, 0128, 0692, 0979, 1127, 2011
Yamada, Y., 0319
Yanez, E., 2846
Yang, S.P., 2725, 2888, 2889
Yarosh, N.P., 0284
Yaseen, M., 1078
Yashpal, 0213, 2754, 2755, 2847, 2848, 3034
Yastrebov, F.S., 0136, 0137, 0285, 0370, 0371, 0450, 0693, 0694
Yates, J.J., 2012
Yazmuradov, Y.Y., 201[illegible]
Yellaiah Setty, A., 0980
Yen, S.T., 0286
Yenprediwar, D.D., 1435
Yoovadee Granados, 2432
York, G.T., 1557, 2433
York, J.O., 0594, 0852, 0981-0983, 2653, 2835, 3123, 3275, 3281
Yoshida, R., 0255, 0256
Yoshikawa, F., 0372
Yoshimura, S., 2139
Young, H.C.Jr., 0088
Young, J.H., 2434
Young, W.R., 2402, 2403, 2514, 2519, 2581
Youngberg, H.W., 1883
Youngclaus, W.A., 1753
Younge, O.R., 1090, 3380
Youngman, V.E., 0074, 0091-0096, 0160, 0260, 0287, 0848, 0849, 0917, 0984-0988, 1042, 2014, 2015, 2086
Yousif, Y.B., 2911
Youssef, M.S.S., 2016
Yu, J.Y., 2912
Yukhno, G.Y., 1279
Yun, S.R., 2912
Yurchenko, I.T., 0597, 0598, 2017
Yusso, L.A., 3414

Zafar, A.M., 0678, 1760, 2435
Zaitseva, Y.F., 0989
Zajac, P., 3338
Zakharchuk, N.N., 0752
Zambrano, R.J., 1290
Zaylskie, R.G., 0243
Zelayam, H., 2018
Zende, G.K., 1166, 1413, 3316, 3317
Zhelev, A., 1592-1594
Zhukova, M.P., 0161, 0650, 1892
Zinn, D.W., 2914, 2915
Zile Singh, 1189
Zobel, H.F., 2718
Zoz, N.N., 0458
Zsoldos, F., 0208
Zubaidov, U., 2849, 2850
Zubaidov, U.Z., 2793, 2794
Zubriski, J.G., 2019
Zummo, N., 0773, 2132, 2189, 2190, 2352, 3332
Zweifler, E., 0990, 0991

SUBJECT INDEX

Aflatoxins, 2298, 3209, 3315, 3320, 3322
AKS-614, 1326, 1488
AKS-618, 0983
Alachlor, effect on seedling growth, 0234
Aluminum, 0277
Amino acids, 0288, 0299, 0329, 0587, 2765, 2846
analysis, 2757, 2767
composition/content, 0439, 2721, 2772, 2776, 2782, 2792, 2821, 2835, 2836, 2840, 2907, 3042
Aminopyridine, 0357
Ammonium fertilizers
effect on germination, 1293
effect on mineral content, 1284
Anacentrinus deplanatus, 2578, 2590
Anthers
amino acid content, 0439
development, 0475
Anthesis, 1025, 2041
Anthocyanins, 0219, 0276
Anthracnose. See *Colletotrichum graminicola*.
Antibiotics, for rust control, 2192
Aphelenchoides jodhpurensis, 2383
Aphids
control, 2456, 2464
population fluctuations, 2491
South Africa, 2490
See also specific aphids.
Aphis maidis, 2597
Apomixis, 0502
in breeding, 0661
relation to desynapsis, 0147
Apospory, 0126
Area under cultivation, 3357-3359
Armyworms, 2564-2567
Ascochyta sorghina, 2180
Aspergillus parasiticus, 2125
Astylus atromaculatus, 2681, 2698
Asynapsis, induced, 0547
Atherigona soccata, 2502, 2508, 2513, 2529, 2533, 2546, 2550, 2556
biology, 2524, 2545
breeding for resistance, 0616
control, 2500, 2501, 2503, 2505-2507, 2509-2511, 2517-2521, 2523, 2528, 2530-2532, 2534, 2538, 2539, 2542-2544, 2547, 2549, 2553-2555, 2557-2560, 2563
India, 2506, 2509, 2514, 2526, 2548
life history, 2504
ovipositional response, 2515
parasites, 2525, 2541
resistance, 2516, 2522, 2527, 2535-2537, 2540, 2552, 2561, 2562, 2597
Thailand, 2512
Uganda, 2503
West Africa, 2507
Atrazine, 1263, 1585, 1695
effect on chromosomes, 0448
effect on yield, 1055
metabolism, 0242, 0243, 0272, 1663, 1665
resistance, 1663
tolerance, 1584
uptake, 1663-1665
Auxin
bioassay, 0264
effect on growth, 0274
Azotobacter, 1558

Bacterial diseases, 0960, 2302, 2307, 2310, 2311
leaf stripe, 2308
New Zealand, 2312
physiology of resistance, 2304-2306
red leaf blotch, 2303
streak, 2301
See also specific pathogens.
Banks grass mite, 2600, 2606
Belonolaimus longicaudatus, 2371
BHC, physiological response, 0348
Birds
damage, 2686, 2687, 2689, 2704
Nigeria, 2676
resistance, 0174, 0790, 2678, 2685, 2688
Louisiana (USA), 0942
Ohio (USA), 0869, 0870
Biscuits, 2860, 2864
Black layer, 0121, 0160
Blights, 2151, 2155, 2157, 2161, 2184, 2190, 2191
See also specific pathogens.
Blissus leucopterus, 2660, 2661
Bolotrichia consanguinea, 2439
Boron, uptake and accumulation, 0314
Bread, 2852, 2858, 2866
Breeding, 0608, 0614, 0632, 0634-0637, 0646, 0654, 0655, 0660-0662, 0665, 0667, 0672, 0682-0685, 0687-0692
apomixis, 0661
broom corn, 0691
cold resistance, 0618
drought resistance, 0663, 0692
forage, 1757, 1760, 1861, 1893, 1912, 1926, 1989, 1990
heterosis, 0455, 0456, 0628
inbred lines, 0681
insect resistance, 0606, 0616, 0633, 0665, 2552, 2562, 2595
Japan, 0664
male sterility, 0455, 0456, 0624, 0627, 0669
Mali, 0605
methods, 0613, 0622, 0630, 0658
Nigeria, 0600, 0601
population breeding, 0675, 0677
rust resistance, 2225
Sudan, 0645
Venezuela, 0674
Brewing, 3328, 3329
Broom corn, 0088, 1067
breeding, 0691
collections, 0370
herbicides, 1631
performance trials, 0842-0847
varieties, 0996

Callus tissue, 0247
Calocoris angustatus, 2662
Carbaryl, effect on germination, 0263
Carbofuran, 2069, 2073, 2079
Carotene content, 0325
Caryopsis development, 0235
Caterpillars, control
CSH-1, 2657
leaf whorl, 2697
See also specific caterpillars.
Charcoal rot. *See Macrophomina Phaseoli.*
Chelidonic acid, 2760
Chemical composition, 1954, 2768, 2807, 2820, 2846, 3186
during growth, 2754
forage. *See* Forage, chemical composition.
leaf, 0296
salinity fertility interactions, 0200
varietal differences, 2841
zinc application, 2755
Chilo partellus, 2571, 2572, 2575, 2580, 2582, 2585, 2594
control, 2505, 2531, 2575, 2583
India, 2589
predator *(Coccinella undecimpunctata)*, 2579
resistance studies, 2581, 2597
susceptibility, 2597
See also Stem borers.
Chinch bug, 2660
control, 2661
Chloroplasts, 0133, 0289, 0292, 0317, 0359, 0367
galactolipids, 0297
mitochondria-like structures, 0133
photosynthetic activity, 0372
photosystems, 0289, 0292, 0306, 0367
Chlorosis, 2116
Chromosomes, 0419
aberrations, 0507
effect of atrazine, 0448
interchanges, 0509
tetraploids, 0505
translocation, 0523
Classification, 0167, 0168, 0171, 0175
Claviceps purpurea, 2249
Climatic stress, 0186, 0359-0361
See also Drought.
Clinodiplosis, 2700
Coccinella undecimpunctata, 2579
COH. 2A, 1764
Cold resistance, 0208, 0618
Collection, world, 0170, 0176
evaluation, 0178
Colletotrichum, 2157
Colletotrichum falcatum, 2135
Colletotrichum graminicola, 1040,

2138, 2144, 2147
biochemistry of leaf, 2146
conidial germination, 2145, 2178
growth, 2145
Hawaii (USA), 2133
resistance, 2141, 2177
sporulation, 2182
Combining ability, 0383, 0398, 0399, 0422, 0424, 0425, 0451, 0459, 0533, 0534, 0693,0857
diallel analysis, 0393, 0396, 0465
drought resistance, 0581
estimation, 0451
line x tester analysis, 0383, 0533, 0534
restorer lines, 0515
yield, 0427
Contarinia sorghicola, 2610, 2612, 2617, 2622, 2634, 2635, 2646, 2652, 2653
biology, 2616, 2636, 2639
bionomics, 2637
color preference, 2650, 2651
control, 2607, 2608, 2615, 2620, 2623, 2626, 2628-2632, 2636, 2638, 2647
Sinaloa, 2614
directional flights, 2650, 2651
India, 2609, 2621
Parasites, 2622, 2642-2644
Populations, 2624, 2632
resistance studies, 2618, 2640, 2641, 2645
seasonal incidence, 2556, 2611
susceptibility, 2619
Texas (USA), 2633
X-ray detection, 2613
Conversion, 0912, 0913
Corn leaf aphid, 2489
Corn planthopper, 2684
Costs *See* Production, costs.
Crazy top, 2343
Cropping systems, 1272, 1273, 1277, 1278
double, 1257, 1270, 1271
intercropping, 1233, 1242, 1261, 1264, 1269, 1274, 1275
with guinea corn, 1231, 1232
mixed, 1250, 1253, 1260, 1262, 1265, 1266, 1276, 1279
multiple, 1238, 1255
ratoon, 1243
rotation, 0056, 1234, 1237, 1248, 1249, 1254, 1263, 1268
Cryptoblabes gnidiella, 2694
CSH-1 *See under* Hybrids, specific.
CSH-2 *See under* Hybrids, specific.
CSH-3 *See under* Hybrids, specific.
CSH-4 0878
Curvularia lunata
grain discolouration, 2240
India, 2185
Cyanide, 3285, 3288, 3298
Cyanogenesis, 0471
Cyanogenic glucosides, 2814, 2831
Cynodon mosaic, 2316
Cytogenetics, 0528
Cytology, 0373, 0464, 0512, 0530, 0532
Cytoplasm
agronomic performance, 0375
male sterility, 0400, 0407, 0414, 0443, 0455, 0456, 0458, 0466, 0476, 0595, 0625, 0627

Damping off, control, 2224
Desynapsis, 0147
Diallel analysis, 0393, 0396, 0465, 0519, 0583, 0590
Diatraea grandiosella, 2574
Diatraea saccharalis, 2588, 2596
Digestibility, forage. *See* Forage, digestibility.
Di-Syston, effect on germination, 0273
Diseases (General), 2061, 2087, 2088, 2090, 2092, 2099, 2100, 2107, 2108, 2110, 2113, 2119, 2122-2124, 2189
control, 2105, 2109, 2120
Florida, (USA), 2101
Georgia (USA), 2102
India, 2105
losses, 2117
Mississippi (USA), 2091
Niger, 2106
resistance, 2097, 2098
See also Bacterial diseases; Fungal diseases; Virus diseases.
See also specific pathogens.
DNA (nuclear), variation, 0477
Domestication, 0061, 0102
Downy mildew. *See Sclerospora sorghi.*
Drechslera longirostrata, 2077
Drought, 0191, 0202, 0204,
effects on growth and yield, 0193
internal, 0191
resistance, 0194-0198, 0206
breeding, 0663, 0692
yield responses, 0185
See also Moisture stress; water stress.
Dry matter
accumulation, 0108, 0201, 0353, 1403
panicle, 0107
contribution to grain yield, 0105
digestibility, 3112
production, 0100, 0275, 0504, 0777, 1151, 1226, 1871,
zinc application, 2755
Drying, 2705, 2722, 2730, 2738, 2742

Ecology, 0192, 1118
Eleodes suturalis, 2436
Emasculation, 0609, 0610
Embryology, 0115, 0130
embryonic leaf number, 0116
microsporogenesis, 0114, 0445, 0535
primordial leaf, 0118
Endosperm, 0154, 0460
types, 0125, 0153, 0175, 0213
inheritance, 0420, 0421
Endrin, 1350
Enzymes, 0223, 0224, 0300, 0329, 0331, 0354, 0356, 2780, 2826
carboxylating, 0336
genetic properties, 0337
hydoxynitrile lyase, 2830
inhibition, 3105, 3106
leaf, 0221
peroxidase isozymes, 0355
Ephestia cautella, 2683
Epistasis, 0446
Ergot. *See Sphacelia sorghi.*
Ethylene
control of anthocyanin synthesis, 0219
production, 0218
yields, 1177
Evapotranspiration, 1130, 1131, 1138, 1139, 1142, 1150
Evolution, 0169

Farm management, 0994, 1068
Feed, 2945, 3200
cattle, 2921, 2948, 3204
composition, 2745
feedlot, 3120
performance, 2931, 3111, 3151
rations, 2927, 2938, 2939, 2954, 2955, 2959
milo, 3090, 3091, 3093, 3094
palatability and toxicity, 2942
value, 2916, 2918, 2933, 2950, 2957, 2964, 2967, 3037, 3077, 3091, 3093, 3104, 3127, 3171
See also Forage; Grazing; Silage; *specific names of feed sorghums.*
Female sterility, 0392
Fertilizers/Fertilization, 1286, 1309, 1312, 1329-1331, 1339, 1343, 1344, 1349, 1355, 1365-1367, 1384, 1395, 1409, 1414, 1415, 1430-1432, 1435, 1515
application, 1290, 1320, 1401, 1402, 1424
Cameroon, 1437
economics, 1307
forage, 1995-1997
mineral, 1334, 1386, 1388
nutrient uptake, 1348
response of CSH-1 and CO-18, 1280
yield, 1314, 1378, 1389, 1408
See also specific fertilizers.
Floral abnormality, 0156
Flowering, 0111, 0113, 0161, 0467, 0489, 0823, 0882, 0978
biology, 0132
effect of X-ray irradiation, 0183
genetic control, 0489
genetic differences, 0487
initiation, 0145
intensity, 0110
Fodder *See* Forage.
Food, 2857
biscuits, 2860, 2864

bread, 2852, 2858, 2866
brewing, 3328, 3329
grits, 2865, 2873, 3328, 3350
gur, 3333
malting, 3329, 3343
ogi, 2879
processing, 2751
syrup, 3330-3332, 3356
Forage, 0678, 1757, 1760, 1761, 1765, 1772, 1774, 1780, 1792, 1794, 1795, 1798, 1802-1804, 1807, 1820-1827, 1829, 1830, 1833, 1835, 1840, 1842, 1847, 1850, 1854, 1855, 1857, 1858, 1866, 1870, 1881, 1884, 1885, 1895-1897, 1899, 1917, 1921, 1924, 1931, 1934, 1937-1941, 1943, 1955, 1968, 1971, 1976, 1979, 1980, 1982, 1983, 1986, 1992, 1998, 2000, 2001, 2005, 2009, 2014, 2015, 2018, 3066, 3067
America, 1900
anti-quality components, 1898
breeding, 1757, 1760, 1861, 1893, 1912, 1926, 1989, 1990
Cameroon, 1775
chemical composition, 1879, 1911, 1945, 1952, 1957, 3029-3031, 3033, 3038-3040, 3074, 3081, 3082
digestibility, 1841, 2856, 2923, 2929, 2931, 2937, 2958, 2975, 3017, 3029, 2929, 3030, 3036, 3039 3041, 3047, 3060, 3061, 3070, 3074, 3077, 3078, 3080, 3095, 3099, 3110, 3115, 3133, 3170, 3194, 3195, 3201-3203
dry matter production, 1871
entomological research, 1975
evaluation, 1787, 1801
fertilizers, 1995-1997
France, 1853, 1856
genetic diversity, 1777, 1906
growth, 1768, 1860, 1961
harvesting, 1776
hay production, 1946
heterosis, 1962
hybrids, 1859, 1991
hydrocyanic acid, 3282, 3284, 3291, 3297, 3303, 3306, 3307, 3310, 3311
improvement, 1995
India, 1907
Italy, 1880
mineral matter content, 3034, 3035
nitrogen fertilization, 1755, 1756, 1782, 1783
North Dakota, (USA), 1839
nutritive value, 1791, 3033, 3046, 3051, 3054, 3055
performance trials, 0962, 1786, 1837, 1890, 1902, 1922, 1947, 1948
Florida (USA), 0761
phosphorus fertilization, 1756, 1860
planting dates, 1919
salt tolerance, 1773
seed production, 1861
selection, 1758
single and multi-cut, 1759, 1790
sulfur fertilization, 1879
Turkmenistan, 1920
varieties, 0876, 1800, 1805, 1814, 1852, 1869, 1872, 1874, 1875, 1887, 1889, 1914, 1935, 1958, 1969
variety tests, 1818, 1819
weed control, 1614, 1640, 1832, 1977, 1978, 2004
yield, 1767, 1789, 1799, 1822, 1836, 1841, 1843, 1877, 1879, 1905, 1909, 1916, 1918, 1923, 1927, 1929, 1930, 1933, 1950, 1956, 1964, 1997, 1999, 2003, 3073
Fungal diseases, 2118, 2292
seed-borne, 2128, 2131, 2140
control, 2130
See also specific pathogens.
Fungicides, 2180, 2192. 2284
Funk G 766, 2845
Fusarium moniliforme, 2129 2132, 2193, 2221, 2324

Genes, 0385, 0472
botanical characters, 0390, 0391
Genetic advance, 0463, 0467
Genetic analysis, 0590
exotic x Indian crosses, 0433, 0499, 0579
combining ability, 0498
heterosis, 0497, 0504
mutations, 0540
resistance to stem borer, 0493
Genetic association, 0405
Genetic diversity, 0492, 1777, 1906
Genetic male sterility, 0602, 0647
Genetic resources, 0029, 0162, 0165, 0166
Genetic studies, quantitative, 0521, 0522
Genetic variability, 0482, 0513
Genotype x environment interaction, 0496
Geographical diversity, 0099
Germinability, 0262, 0269
Germination, 0214, 2206
ammonium fertilizers, 1293
carbaryl, 0263
chemical desiccants, 0248, 0280
Di-Syston and Thimet, 0273
gamma rays, 0236, 0262
gibberellic acid, 0237, 0239, 0286
low temperatures, 0253
manure, 1281
phosphorus-containing substances, 0284
Germplasm
agronomic practices, 0179
Ethiopia, 0164
evaluation, 0172, 0177-0179
green bug resistance, 0786, 2495
symbolic designation, 0163
utilization, 0172
Gibberellic acid, 0215, 0257, 0265
germination, 0237, 0239, 0286
radio protective effect, 0576
Gloeocercospora, 2158, 2176
Glutelins, 2773, 2793
isolation and characterization, 2578
Grain
black layer, 0160
blackening, 2241
bushel weight, 0109
cattle, 3129, 3130, 3132, 3136-3138, 3146-3148, 3152, 3159, 3161, 3165-3167, 3171, 3175-3177, 3179, 3181, 3183, 3184, 3186, 3188-3191, 3196, 3197, 3199, 3200
chemical reconstitution, 2797
in vitro evaluation, 2798
development, 1033
digestibility, 2784
dry matter production, 2042
ensiled, 3156-3158
filling, 0307, 1093
lambs, 3139-3141, 3143, 3144
pentosans, 2788, 2790, 2791
production, 2041, 2042, 2048-2050, 2052, 2056
France, 2055
Hawaii (USA), 2053
rats
brain lipids, 3113
diets, 3097, 3125, 3222, 3228, 3229
growth
nutrients, 3100
tannin levels, 3101
metabolism, 3131
milo, 3108, 3229
energy content, 3103
tanic acid and sulfate, 3107
reconstitution, 0155
respiration, 0313
selenium content, 2834
sheep, 3198
shrinkage, 3377
steers, 3134, 3135, 3145, 3153, 3163, 3164, 3168-3170, 3172, 3173, 3178, 3180, 3182, 3185, 3205, 3206
yield, 0123, 0402, 0404, 0418, 0825, 0973, 1015, 1767
Grain molds, 2238, 2239, 2262, 2269-2271, 2273, 2281, 2284, 2292, 2298
Grazing, 3032, 3037, 3048, 3069, 3072, 3088
dairy cows, 3083
lambs, 3076
steers, 3045, 3049, 3053
Greenbug *See Schizaphis graminum.*
Grits, 2865, 2873, 3328, 3350
Growth, 0108, 0142, 0205, 0216, 0254, 0281, 0285, 0488, 0489, 1024, 1088, 1156, 1159, 1213, 1222, 1427, 1428, 1440, 1448, 1476, 1942, 2011
analysis, 0228, 0321, 0480
effect of gamma irradiation, 0250
forage, 1768, 1860, 1961
fruiting development, 0141

light, 0344
low temperature, 0252
mixed cropping, 0240
Nigeria, 1031
post-sowing, 0106
vegetative, 0141, 0142
Guinea sorghums, origin and evolution, 0103
Gur, 3333

H726, 1462
Haploidy, 0588
Haplothrips tolerabilis, 2677
Harvesting, 1456, 1458, 1459, 1461, 1462, 2025
forage, 1776
losses, 1457
postharvest technology, 2740
techniques, 1463
HCN. *See* Hydrocyanic acid.
Head blight. *See Fusarium moniliforme.*
Head smut. *See Sphacelotheca reiliana*
Heading, 0139
Height
gene effects, 0385, 0524, 0526, 0527
modification, 0936
multiple alleles, 0517
mutants, 0541
Heliothis armigera, 2658
Helminthosporium, 2153, 2154
Helminthosporium carbonum, host reactions, 2171
Helminthosporium hawaiiense, 2162, 2165
Helminthosporium maydis, 2173, 2179
host reaction, 2159, 2160, 2171
vulnerability, 2186
Helminthosporium rostratum, 2163
Helminthosporium tetramera, 2166 2175, 2188
Helminthosporium turcicum
physiologic specialization, India, 2152
variation in isolates, 2164
Hemipteran bugs
damage, 2702
South Georgia (USA), 2703
Herbicides, 1125, 1569, 1573, 1576, 1578, 1581, 1583, 1585, 1592, 1594, 1595, 1600-1602, 1627 1631, 1632, 1638, 1645, 1647, 1648, 1652, 1654, 1661, 1667, 1669, 1673, 1674, 1677, 1683-1686, 1691, 1696, 1697, 1701, 1744, 1747
application, 1590
evaluation, 1591, 1610, 1617, 1662, 1670, 1688, 1710
pre-and postemergence, 1575, 1603, 1618
recommendations, 1586
residues, 1588, 1593, 1611, 1636, 1655, 1676, 1678
tolerance, 1579, 1584, 1637
trials, 1621, 1622
See also specific herbicides
Heterodera graminophila, 2376
host-parasite relations, 2367
pathogenesis, 2367
Heterosis, 0394, 0395, 0414, 0418, 0424, 0428, 0429, 0438, 0449, 0455, 0456, 0459, 0501, 0533, 0534, 0543, 0584, 0586, 0628, 0859, 0959
amylase complementation, 0545
breeding, 0455, 0456, 0628
forage, 1962
fruiting, 0141
grain production, 0380, 0381, 0418
line x tester analysis, 0533, 0534
vegetative growth, 0141
Hoplolaimus clarissimus, 2374
Hybrids (General), 0043, 0078, 0123, 0285, 0437, 0438, 0491, 0495, 0563, 0658, 0666, 0670, 0698-0700, 0711-0713, 0719, 0724, 0729, 0742, 0744, 0747, 0754, 0763, 0774, 0776, 0779, 0780, 0788, 0790-0792, 0803, 0804, 0807, 0813, 0814, 0817-0819, 0821, 0822, 0824, 0828, 0830-0832, 0834, 0840, 0860, 0863, 0864, 0882, 0888-0890, 0893, 0895, 0896, 0905, 0924, 0934, 0940, 0948-0950, 0956, 0959, 0983, 0989, 1050, 1111, 1112, 1297, 1298, 1513
combining ability, 0451
cytological studies, 0464, 0530, 0532
drought, 0185, 0198 0581
forage, 1859, 1991
genotype x environment interaction, 0456
greenbug resistance, 0787
height-gene effects, 0527
heterosis, 0414, 0418, 0429, 0501, 0586,
India, 0903
inheritance, 0450, 0452, 0485
insect resistance, 0944, 0946, 0947
leaf and panicle size, 0143
leaf area, 0135, 0149
performance trials, 0769, 0770, 0781, 0833, 0837, 0841, 0902, 0914, 0938, 0941, 0942, 0945, 0974
photoperiodic reaction, 0371
physiological maturity, 0144
salinity tolerance, 0187
South America, 0771
sterility, 0603
variation in progenies, 0490
yield, 0479, 0612, 0851, 0883, 0957, 0980
Hybrids, specific
AKS-614, 1326, 1488
AKS-618, 0983
COH. 2A, 1764
CSH-1, 0291, 0452, 0866, 0867, 0878, 1221, 1280
Chilo partellus, control, 2583
fertilizers, 1435, 1496
fungi, 2118, 2128
growth, 0205
herbicides, 1648
insects, 2402
moisture stress, 0207, 1078
nitrogen, 1165, 1239, 1287-1289, 1301, 1370, 1375, 1379-1381, 1391, 1394, 1412
planting date, 1501
seasons, 1496
seed-borne microflora, 2127
seed molds, 2281
seedling emergence and growth, 1196
Tetraneura hirsuta, 2488
weed control, 1638
yield, 0957, 1114, 1397, 1501
CSH-2, 0291, 0452, 0878
nitrogen, 1381
performance, 0896
yield, 0205, 0957
CSH-3, 0744, 0878
Chilo partellus, control, 2583
seed production, 0744, 2059
stigma receptivity, 0745, 2059
CSH-4, 0878
Funk G 766, 2845
H726, 1462
MS 2219 A x IS 3541, 0711
OK 612, 2845
PSH-2
defoliation studies, 0952
seed production, 0744
stigma receptivity, 0745
RS 610, genetic variances, 0473
RS 626, prolamin structure, 2845
RS 700, 0790
RSH-1, 0838
Sivashskii 50, 0719, 0923
Sordan, 6802, feeding value, 2950, 2951
Sorghum x *zea*, 0659
Sorghum bicolor x *S. halepense*
cytology, 0461, 0578
fertility, 0578
Sorghum multiflorus x *Sorghum roxburghii*, cytomorphology, 0491
Sorghum x *Sudan grass* hybrids, 0625, 0723, 0758, 0791, 0802, 0831, 0920, 1048, 1555, 1810, 1811, 1813, 1864, 1892, 1903, 1908, 1973
chemical composition, 1954
dry mattar production, 0777
inheritance, 0411, 0412, 0436
nitrate accumulation, 0777
palatability, 3068
performance, 0712, 1901, 1903
Western Nevada (USA), 1763
yield, 0831, 1049, 1168, 1799, 1910
Sorghum vulgare x *Sorghum vulgare* var *sudanense*, 0779
Stepnoi 5, 0860
Sudax SX-11
digestibility, 3043, 3044
growth, 3043, 3044
TE 77, prolamin structure, 2845
Hydrocyanic acid, 3289, 3300, 3301, 3304
contents, 0660, 3283, 3296, 3305,

3308, 3316, 3319
fertilizer effect, 3294, 3296, 3311
forage, 3282, 3284, 3291, 3297, 3303, 3306, 3307, 3310, 3311
inheritance, 3299
NPK effect, 3317

Inbred lines
biological characteristics, 0856
evaluation, 0855
Inflorescence, initiation and development, 0112
Inheritance, 0376, 0389, 0397, 0406, 0411, 0412, 0417, 0420, 0421, 0431, 0436, 0438, 0449, 0450, 0452, 0463, 0467, 0470, 0484, 0485, 0563, 0592, 1007
agronomic characters, 0397, 0401
beta carotene content, 0544
brown pericarp and subcoat, 0594
cyanogenesis, 0471
endosperm types, 0420, 0421
female sterility, 0392
fodder character, 0389
grain color, 0452, 0468
head characters, 0416, 0417
hydrocyanic acid, 3299
Manhattan leaf spot, 0388
protein content, 0399, 0401
rhizomatous nature, 0531
seed, 0416, 0417
spikelets, hermophrodite pedicelled, 0387
sunred character, 0386
Insect pests (General), 2061, 2389, 2390, 2402, 2408, 2410, 2414, 2415, 2417, 2426, 2433, 2434, 2682
Arkansas (USA), 2391
breeding for resistance, 0606, 0616, 0633, 0665, 2552, 2562, 2595
Colombia, 2422, 2423
control, 2386, 2392, 2396, 2397, 2409, 2412, 2416, 2418, 2505
Georgia (USA), 2430
India, 2403
Thailand, 2432
Uganda, 2394
CSH-1, 2402
earhead insects, 2659
Egypt, 2407
India, 2400
resistance, 0944, 0946, 0947, 2431
soil insects, control, 2437, 2438
Texas (USA), 2388
West Africa, 2393
See also specific names.
Insecticides, 2070, 2329, 2330, 2394, 2395, 2405, 2406, 2424, 2425, 2429,2445, 2446, 2448, 2450, 2451, 2453, 2454, 2458, 2494, 2501, 2505, 2509, 2510, 2530-2532, 2543, 2544, 2558-2560, 2563, 2573, 2575, 2608, 2615, 2623, 2626, 2628, 2629, 2636
effect on development, 2401
genetic resistance, 0514, 0850
leaf damage, 2428
phytotoxicity, 2411, 2419, 2420
residues, 2437, 2438
See also specific insecticides.
Iron, 0189, 0326, 0853, 1183
chemical composition, 1363
exchange, 0327
yield, 1363
Irradiation, 0403, 0483, 0549, 0554, 0556, 0558, 0561, 0571
gamma rays, 0236, 0250, 0262, 0265, 0373, 0403
X-rays, 0183
Irrigation, 1198, 1199, 1203, 1207-1212, 1214, 1216, 1219, 1224, 1225, 1349, 1352, 1483
alternating double-bed strips, 1215
furrow,alternate, 1218
graded, 1217
wide bed, 1197
Texas (USA), 1220, 1226
trickle and subsurface, 1205

Johnsongrass. *See Sorghum halepense.*

Kernel, physical changes, 0155
chemistry, 0415

Leaf
anatomy, 0128, 0151
area, 0135, 0137, 0138, 0146, 0149
blight. *See Helminthosporium turcicum.*
chlorophyll concentration, 0368
development, 0120
size, 0143, 0149
temperature, 0294, 0302
water potential, 0293, 0362
water stress, response, 0349, 0350
wax filaments, 0150
Leaf spots, 2181, 2183
See also specific pathogens.
Leucine content, 2769, 2770
Light
biochemical changes, 0343
gas exchange, 0303
growth, 0258, 0344
yield, 0258, 0347
Ligule development, 0119
Line x tester analysis, 0383, 0533, 0534, 0642
Lipids, 2848
galactolipids, 0297
Lodging, 0068, 1003
nitrogen and phosphate fertilization, 1346
resistance, 0516
Long smut. *See Tolyposporium ehrenbergii.*
Longiunguis sacchari, 2478
Lysine, 2766, 2769, 2770, 2861
content, 0904, 2756
environmental effects, 1141

Macrophomina phaseoli, 2142, 2174, 2487
CSH-1, 2143
survival in stalk residue, 2134
Maize dwarf mosaic *See under* Virus deseases.
Maize weevil, 2664, 2666
Malathion, 2404, 2413
Male sterility, 0374, 0486, 0617, 0667, 0669
agents, Ethrel, 0382
cytoplasmic, 0400, 0407, 0414, 0443, 0455, 0456, 0458, 0476, 0595, 0625, 0627
histochemical studies, 0466
genetic, 0602, 0647
Maliarpha separatela, 2690
Malting, 3329, 3343
Manures, 1369
Marasmia trapezalis, 2695
Marketing, 3406, 3407
Africa, central, 3402
Argentina, 3410
Botswana, 3395
Exports, 3393, 3394
Argentina, 3411, 3412
feed grains, 3092
India, 3404
Mali, 3396, 3409
Nigeria, 3401
Philippines, 3400
Sinaloa, 3414
Texas (USA), 3397
Maturity
chemically-induced, 0541
effect of photoperiod and temperature, 1133
for harvesting, 3155
physiologic, 0144, 1018
Mealybugs, 2701
Meiosis, effect of CMS factors, 0535
Meloidogyne naasi, 2373
Mepachymerus, India, 2692
Meristem, apical
ontogeny, 0134
vacuolation, 0134
Metabolism, 0357
Metaphidippus galathea
biological control agent, 2680
bionomics, 2680
Methionine, 2766
Micronutrients, 1418, 1442, 1834
aluminum, 0277
deficiencies, 1282
nickel, 0331
seedling characters, 1368
uptake, 0295
Microsomes, 0346
Microsporogenesis, 0114, 0445, 0535
Midge *See Contarinia sorghicola.*
Milling, 2714, 2716, 2725
Cameroon, nutritive value, 2717
dry, 2706, 2707, 2747
India, 2715
properties, 2729, 2734, 2735, 2746
wet, 2711, 2734, 2735, 2745
Milo disease *See Periconia circinata.*
Mineral composition, 2778, 2800-2802

Moisture stress, 0190, 0251
HCN formation, 1195
physiological responses, 0369
yield, 0207, 1074, 1078, 1181
See also Drought; Water stress.
Molds *See* Grain molds.
MS 2219 A x IS 3541, 0711
Mulching, 1156, 1194, 1397
gravel, 1174
moisture conservation, 1185
Mutations, 0423, 0540, 0542, 0553, 0555, 0557
analysis, 0564
breeding, 0662, 0682, 0683
mutagenesis, 0377, 0378, 0426, 0457, 0503, 0542, 0548, 0551, 0552, 0556, 0559, 0562, 0563
mutagenic effects, 0567, 0571
sensitivity, 0550, 0566
treatments, 0569, 0572, 0574
mutagens, chemical, 0440, 0441, 0546, 0548, 0554, 0556, 0561, 0568, 0570, 0571, 0597
mutants
albino and non-polyploid, 0377
chlorophyll, 0575, 0577, 0593
color, 0379
height, 0541

Nematicides, 2070, 2378, 2379
Nematodes, 2366, 2369, 2380
India, 2385
populations, 2368, 2370, 2377
See also specific nematodes.
Nickel, 0331
Nitrate accumulation, 0777
Nitrate reductase, 0329, 0331
Nitrogen, 0275, 1208, 1298, 1304, 1306, 1318, 1326, 1333, 1337, 1341, 1342, 1345, 1351, 1354, 1356, 1359, 1403, 1411, 1416, 1425, 1436, 1446, 1447
application, 1301, 1302
CSH-1, 1165, 1239, 1287-1289, 1301, 1370, 1375, 1379-1381, 1391, 1394, 1412
dry-matter accumulation, 0201
high-yielding varieties, 1376, 1392, 1393
metabolism, 0255, 0278
mineralization, 1332, 1452
protein quality, 0201, 1328
soil residual, 1219
sweet sorghum, 1284
uptake, 0240, 1182, 1226, 1315, 1340, 1440,
yield, 0201, 0930, 1372-1374, 1399 1417, 1421, 1445
Nitrogenous fertilizers, 1300, 1303, 1310, 1313, 1321, 1360, 1361, 1370, 1390, 1439, 1449-1451
application, 1353, 1396
forage, 1755, 1756, 1782, 1783
high-yielding hybrids, 1297
production, 1352
protein content, 1294, 1319
residual effect, 1303, 1358
yield, 1296, 1311, 1433
Nitrophosphate, yield, 1377
NP3R, 0630, 0631
NPK, 1291, 1410, 1441
effects on yield, 1292
Sudan, 1283
seed yield, 1838
Nutrients, 1407
absorption of silicon, 0226
concentrations, 1443
requirements, 0209
uptake, 0189, 0504, 1121, 1289, 1348, 1403, 1404
Mn, P and Ca, 1166
Nutritive value, 0828, 2717, 2771, 2882-2887, 2892, 2893, 2902, 2906, 2907, 2911, 2912, 2925, 2940, 3109-3111, 3123, 3186
amino acid supplementation, 2888, 2889
effect of high lysine and sugary mutant genes, 0538
forage, 1791, 3033, 3046, 3051, 3054, 3055
growth, 2754
improvement, 2894-2898, 2900, 2908
Nysius raphanus, 2663

Ogi, 2879
OK 612, 2845
Oligonychus indicus, 2603
Oligonychus pratensis, 2600, 2606
Origin, 0102, 0104
Orobanche aegyptiaca, 2358
Orobanche crenata, 2358

Palatability, 2942, 3068
chemical and morphological characteristics, 2956
sheep, 2949
Panicle
development, 0145, 0152
dry matter accumulation, 0107
initiation, 0152
size, 0143
Paper, 3327
Patoran, 1593
Patulin, 2812, 2813
Pearling, 2752
Pellagra, 2855
Peregrinus maidis, 2684
Performance trials, 0725, 0739, 0746, 0749, 0773, 0782-0784, 0793, 0795, 0809, 0810, 0816, 0854, 0863, 0877, 0892, 0901, 0917, 0926, 0933, 0935, 0953-0955, 0962, 0967, 0976, 0977, 0990, 0991, 1119
Arkansas (USA), 0981, 0982
Australia, 0736, 0808
Brazil, 0767
Carolina (USA), 0763, 0764
Colorado (USA), 0984-0988
Egypt, 0743
Florida (USA), 0708, 0761, 0932
Georgia (USA), 0975
Iowa (USA), 0714-0718, 0735
Kansas (USA), 0670, 0969
Nebraska (USA), 0759, 0760
Nigeria, 0743
Ohio (USA), 0871
Oklahoma (USA), 0750, 0751, 0754
Papua New Guinea, 0879
Texas (USA), 0963-0966
Uganda, 0743
See also Forage, performance trials; Hybrids, performance trials.
Pericarp, variegated, 0520
Periconia circinata, 2149
Pestalotia guepini, 2075
Phosphate fertilization, 1308, 1413
Phosphorus, 1180, 1341, 1371, 1406
accumulation, 0261
application, 1419
chemical composition, 1363
forage, 1756, 1860
mineralization, 1420
nutrition, 1324
uptake, 1357, 1422
yield, 1322, 1363, 1383, 1421
Photogrammatrics, 0312
Photoperiod, 0113, 0285, 1133, 1134, 1143
Photoperiodism, 0371, 1135
Photosynthesis, 0290, 0293, 0301, 0305, 0307-0310, 0316-0318, 0320, 0322-0324, 0330, 0332, 0333, 0337, 0340-0342, 0345, 0352, 0360, 0361, 0366, 0372
carboxyl transfer, 0304
comparative studies, 0319, 0345
effect of temperature, 0302, 0303
leaf segments, 0298
light intensity, 0302, 0303
Phyllophaga crinita, 2440
Photosystems, 0289, 0292, 0306, 0367
Plant growth regulators, 0270, 1716
See also specific regulators.
Planting, 1117, 1503, 1521, 1526
Cameroon, 1530, 1538
CSH-1, 1494
depth, 1498, 1534
dryland, 1235, 1236
mixed, 1244-1246
planter, 2027, 2031
transplanting, 0015
Planting dates, 1471, 1473, 1475, 1482, 1490, 1492, 1512, 1515, 1523
CO-18, 1507
CSH-1, 1501
ecological reaction, 1510
forage, 1919
juice quality, 1472
photosensitivity, 1466
Tunisia, 1500
water-use, 1470
yield, 1480, 1488, 1501, 1509
Ghana, 1499
Planting rates, 1465, 1473, 1491, 1519, 1525
yield, 1488

PMA treatment, 0352
Pollen
germination, effect of calcium ion, 0225
growth, 0462
histochemical study, 0131
sterility, 0442, 0931
storage in liquid air, 0117
viability, 0136
wall development, 0115
Polygenic variability, 0565
Polyploidy, 0506, 0550
autoploid, 0453
autotetraploid, 0454, 0511
growth, 0462
histochemical study, 0131
sterility, 0442, 0931
storage in liquid air, 0117
viability, 0136
wall development, 0115
Polygenic variability, 0565
Polyploidy, 0506, 0550
autoploid, 0453
autotetraploid, 0454, 0511
Populations
breeding, 0675, 0677
improvement, 0620, 0621
phenotypic stability, 1002
random mating, 0435
Potassium
absorption 0334
chemical composition, 1363
metabolism, 0278
Nigeria, 1317
nutrition, 0249
sweet sorghum, 1284, 1285
uptake, 1318, 1426
yield, 1363
Pratylenchus penetrans, 2372
Pratylenchus selaensis, 2374
Prices, 3376, 3392, 3406, 3409
Primordial leaf, 0118
Production, 0025, 0086
Africa, 1019, 3402
Andhra Pradesh (India), 1045
Argentina, 3410
Colombia, 3364
Costs, 3366, 3367, 3376, 3378, 3388, 3390, 3403, 3408
economics, 0035, 3357-3359, 3365
Ethiopia, 3362
Georgia(USA), 2044
Hawaii(USA), 1090
Hungary, 2040
Kentucky (USA), 2045
Molokai, 1028
Nigeria, 1206
Papua New Guinea, 2046
Pxilippines, 3400
Sinaloa, 3414
Sudan Gezeira, 1493
world, 2054
Prolamins, 2844
fractions and components, 2759
structure, 2845
Proline determination, 0182
Propachior, metabolism, 0244
Propanil, phytotoxicity, 0335
Propazine, application, 1585
Propoxur, 2079
Protease
purification and characterization, 0223
substrate specificity, 0224
Proteins, 0329, 0788, 1041, 2764, 2774, 2787, 2795, 2819, 2829 2909
Amino acid balances, 0288
analysis, 2753, 2789, 2843
content, 0275, 2721, 2782, 2821, 2839, 2847
improvement, 0651
inheritance, 0399, 0401
vocational differences, 2769
variations 2756
environmental effects, 1141
extraction and fractionation, 2781
genetic upgrading, 0580
in vitro measurement, 2796, 2862
leaf, 2775
quality, 0201, 0668, 1041, 1058, 1328, 2786, 2828, 2878, 2901, 3114
varietal differences, 2770
Pseudaletia separata, 2566
Pseudomonas, 2307, 2308
Pseudomonas rubrisubalbicans, 2309
PSH-2, 0744, 0745, 0952
Puccinia, morphology and taxonomy, 2226
Puccinia purpurea 2195
control, 2192
infection, 2219
resistance, 2198, 2225
Pulp, 3327
Pundaluoya simplicia, 2679
Pyrilla perpusilla, 2693

Radiations *See* Irradiation.
Radio-isotopes, 0181, 0334
Rainfall
effect on emergence, 1213
effect on growth and development, 1213
Rainfed cultivation, 0291
Ramulispora sorghi
India, 2176
Nebraska (USA), 2170
overwintering, 2169
reaction of cultivars, 2167
Ratooning, 1243, 1251, 1259, 2171
in varieties and hybrids, 1267
Recurrent selection, 0410, 0582
Red leaf disease, Philippines, 2172
Regression, 0494
Research
Australia, 0084, 0085
Brazil, 0026, 0079
California (USA), 0089
Cameroon, 0051
Chad, 0013
Indiana (USA), 0020
Iowa (USA), 0014
Nebraska (USA), 0058
New Mexico (USA), 0030
Tanzania, 0017
Texas (USA), 0062, 0081
Thailand, 0082
USA, 0065, 0066
Residues, 2815
ferbam, 2818
methyl iodide, 2816
thiram, 2817
Respiration, 0290
grain under storage condition, 0313
Rhizoctonia bataticola See Macrophomina phaseoli.
Rhizome expression, 0148
Rhizopertha dominica, susceptibility, 2671
Rhizosphere
influence of foliar application of chemicals, 1562-1564
microflora, 1559, 1565
Rhopalosiphum maidis, 2489
Riboflavin, 2809
Rice weevil *See Sitophilus oryzae.*
Root
exudation studies, 0181
growth, 1191, 1230, 1446
response to soil strength, 0211
Rotation cropping, 0056, 1234, 1237, 1249, 1254
atrazine, 1263
Florida (USA), 1268
protein content, 1248
yield, 1248, 1249
Rots
charcoal *See Macrophomina phaseoli.*
Fusarium stalk, Mississippi (USA), 2137
Pythium root, Texas High Plains (USA), 2136
seed, control 2224
See also specific pathogens.
Rough leaf spot. *See Ascochyta sorghina.*
RS 610, 0473
RS 626, 2845
RS 700, 0790
RSH-1, 0838
Rust. *See Puccinia purpuria.*

Salinity, 0189, 0241
fertility interactions, 0200
tolerance, 0187, 0241
Sandblast injury, 0290
Schizaphis graminum, 2443, 2444, 2463, 2482-2484, 2498
control, 2442, 2448, 2450, 2451, 2453-2455, 2457, 2459, 2466, 2477, 2494
Colorado (USA), 2447
Texas (USA), 2445, 2446
damage assessment, 2486
effect of fertilizers, 2441
influence on
charcoal rot, 2487
stalk rots, 2462
Kansas (USA), 2458
parasitization *(Aphelinus asychis)*, 2452, 2460, 2467-2469, 2473, 2474

population estimation, 2493
resistance, 0633, 0787, 2461, 2465, 2470-2472, 2475, 2476, 2479-2481, 2485, 2495, 2497, 2499
resistant varieties, 0721, 0722
Texas (USA), 2449, 2492
Sclerophthora macrospora, 2343
Sclerospora sorghi, 2191, 2202, 2203, 2210, 2211, 2213, 2215, 2217, 2220, 2229, 2230, 2232, 2233
Africa, east, 2201
America, 2235
aphid transmissible mycoplasma, 2222, 2223
control, 2224, 2228
effect of seed quality, 2199
effect on roots, 2196
inheritance of resistance, 2227
inoculation, 2212, 2214
Israel, 2216
Karnataka (India), 2209
mycoplasmic stage. 2221
Nigeria, 2218
nitrogen and phosphorus fertilizers' effect, 2197
resistant varieties, 2208
USA, 2204, 2207, 2231
Scutellonema ramai, India, 2384
Seed treatment, 1107, 1600, 2066-2068, 2071, 2072, 2076, 2086
carbofuran, 2069, 2073, 2079
propoxur, 2079
succinic acid, 2065
thiram, 2083
Seedlings
dhurrin synthesis, 0217, 0266, 0267
establishment, 0210
fungi, 2140
gibberellic acid, 0215
growth and development, 0234, 0273
L-tyrosine metabolism, 0217
micronutrients, 1368
temperatures, 0245, 0246, 0279
vigor tests, 0210
Seeds
biological value, 0129
blower, 2023
culture, 2043
globulins, 2850
industry
India, 2035
management, 2051
irradiation, 0403, 0483
moisture, 0287
effect on emergence and yield, 0260
molds, 2281
pigment characteristics, 0339
production, 0624, 0627, 0635, 0636, 0744, 2036, 2038, 2058, 2059
thermal treatment, 0277
vigor, 0589, 2032
Selection, 0474, 0657
high protein and amino acids, 0587
pedigree, 0585
phenotypic, 0481
recurrent, 0412, 0582
West African sorghum, 0640
Sesamia calamistis, 2569
Shading effects, 0259
Shoot apex, morphological evolution, 0124
Shoot fly. *See. Atherigona soccata.*
Silage, 1862, 1902, 1959, 1960, 1984, 2006, 2971, 2978, 2979, 2983, 2992-2994, 3001, 3005-3008, 3012, 3013, 3019, 3020, 3027, 3028
additives, 2969, 2970, 2985, 2986, 3000, 3016
breeding, 0679
cattle, 2973, 2981, 2982, 2984, 2987, 2990, 3002, 3015, 3021, 3022
chemical composition, 2991
cultivars and hybrids, 0776, 1892, 1970, 1972,
digestibility, 2975, 2977, 2991, 2997, 3026
evaluation, 2974, 2976, 3009
feed value, 2972, 3003, 3004, 3011
intake, 2977, 3026
nutritive value, 2996, 3014, 3018
performance trials, 0926, 0933, 1815, 1901
production, 1812
steers, 2980, 2998, 3010, 3024, 3025, 3182, 3183
yield, 2972
Silicon absorption, 0226
Sitophilus oryzae
effect of gaseous nitrogen, 2668
oviposition and development, 2675
pyrocon as a protectant, 2673
varietal resistance, 2669, 2674
Sitophilus zeamais, 2664, 2666
Sitotroga cerealella, resistance studies, 2670
Sivashskii 50, 0719, 0923
Smuts, 2237, 2295
See also specific pathogens.
Soil
fertility, 1195, 1429
moisture, 1192, 1193
nitrogen, 1186
phosphorus, 1180
properties, 1222
strength, root response, 0211
temperature, 1156, 1157, 1184
seedling emergence, 1190
Sooty stripe. *See Ramulispora sorghi.*
Sordan 6802, 2950, 2951
Sorghum almum
forage, 1802
hybrids, cytological study, 0530
Sorghum arundinaceum
cytomorphology, 0491
pachytene pairing, 0506
polyploidy, 0506
Sorghum bicolor dochna
cytogenetical studies, 0532
oxidoreduction of iron, 0328
Sorghum caffrorum, stamen development, 0157
Sorghum cernuum, 0805
Sorghum effusum, photoperiodic differences, 0370
Sorghum halepense
anatomy, 1731
as a weed, 1718, 1720-1722, 1736
biological activity, 1724
control, 1710-1712, 1725-1727, 1730, 1733, 1735, 1739-1745, 1747, 1752
corn stunt, 1705
cytological studies, 1708, 1746, 1749
development, 1715, 1719, 1929
dhurrin, 1728
effect of Dalapon and TCA, 1703
fertilizers, 1748
growth, 1706, 1723, 1729
regulators, 1716
hay production, 1751
maize dwarf mosaic virus, 1707
metabolism, 1750
micronutrient uptake, 0295
rhizome production, 1717, 1734
sugarcane green borer, 1709
Sorghum halepense x *S. bicolor*, 0461, 0578
Sorghum multiflorus x *Sorghum roxburghii*, 0491
Sorghum purpureosericeum, cytological and genetic changes, 0596
Sorghum saccharatum
absorption of gold, 0220
dark respiration, 0320
growth analysis, 0321
nitrogen metabolism, 0231, 0232
photosynthetic activity, 0322
photosynthetic rate, 0320
Sorghum sudanense
chemical mutagens, 0597, 0598
cytogenetical studies, 0532
flowering, 0111
inheritance
cyanogenesis, 0471
fodder characters, 0389
Sorghum vulgare sudanense
cultivation, 1550
culture, 0069, 0753, 0998, 1017
Southwestern corn borer *See Diatraea grandiosella.*
Sowing, *See* Planting.
Spacing, 1465, 1473, 1477, 1481, 1483, 1486, 1487, 1489, 1491, 1493, 1495, 1497, 1502, 1504, 1511-1513, 1516-1519, 1522, 1524, 1525, 1527, 1528
moisture use efficiencies, 1467
yield, 1467, 1468, 1488, 1505, 1520
Nigeria, 1485
Sphacelia sorghi, 2251, 2267, 2285-2289, 2296
alkaloid production, 2252, 2276
control, 2272
damage, 2277
effect of systemic fungicides, 2280
growth, 2247
honey-dew like secretions, 2279

pathogenicity, 2254
physiology of spikelets, 2244, 2245
sporulation, 2247
resistance tests, 2278
Sphacelotheca reiliana
comparison of amino acid pools, 2263
formation of multi-sori, 2236
Georgia (USA), 2265
histological and physiological studie 2258
identification and distribution, 2260
in vitro culture, 2275
physiologic specialization, 2283
resistance studies, 2259, 2290, 230
Spider mites, 2388, 2601, 2602, 2604, 2605
See also specific mites.
Spodoptera frugiperda, 2564
Stability, 0492
phenotypic, 1002
yield, 1002, 1144, 1929
Starches, 0184, 2718, 2719, 3354
characteristics, 2863
degradation, 3096, 3098
digestion, 3116
enzymatic determination, 2808
granules, morphology, 0140
in vitro measurement, 2796, 2862
industry, 3338, 3339, 3342
production, 3341, 3346
quality, 2720, 3330
Statistics
feeds, 3387
Louisiana, (USA), 3370
Stem borers, 2577, 2586, 2593
Africa, 2570, 2586
control, 2573, 2576, 2586, 2591, 2596
India, 2588
Madagascar, 2568
resistance studies, 0493, 2584, 2595, 2597
Sudan, 2592
See also specific borers.
Stem-break or end, 2115
Stem development 0120
Stem structure, atypical, 0159
Stepnoi 5, 0860
Sterility
cytoplasmic-genic, 0525
effect of irradiation, 0483
female, 0392
interspecific hybrids, 0603
male. See Male sterility
nonrandom and barren-type, 0434
random-type, 0413, 0629
Sterol, 0279, 2761
Sthethorus pauperculus, 2603
Stigma receptivity, duration, 0374
Stomata
behavior, 0341, 0365
diffusion, 1154
light, 0363
opening, 0342
photosynthesis, 0340
regulation, 1153
resistance, 0316, 0352, 0362, 0364
transpiration, 0340
water use, 1151
Storage, 2705, 2710, 2713, 2724, 2728, 2732, 2737, 2748, 2749
deterioration, 2741
fungi, 2089, 2093, 2094, 2242
gamma-irradiation, 0236, 2084, 2085
in soils, 2723
infestation, 2709
microorganisms, chemical control, 2080
Nigeria, 2712
nutritive value, 2727
preservatives, 2733, 2744
proxim as protectant, 2708
seedling vigour, 2750
thiram breakdown, 2743
viability, 2750
Stored-grain insects, 2665
control, 2667
fumigation, 2672
See also specific stored-grain insects.
Striga, 2356, 2363
control, 2354, 2357
India, 2360
resistance, 2359
Striga asiatica, resistant varieties, 0756
Striga hermontheca
control, west Africa, 2361
emergence, 2362
germination, 2364
Striga lutea, 2365
resistance, 2355
Succinic acid, 2065
Sudangrass
atrazine, 1664, 1665
breeding, 1760, 1886, 1974
carbohydrates, 1882, 1883
chemical composition, 2010
growth, 1784, 1785, 1849
harvesting, 1459
heritability, fodder characters, 0389
hybrids. *See under* Hybrids, specific.
Nevada (USA), 1863
nitrogen fertilization, 1845, 1867
nutritional characteristics, 1791,1846
performance trials, 1878, 1903
Sudax Sx-11, 3043, 3044
Sugar, 0268, 0906, 2779, 3323, 3324, 3334, 3352, 3353
Sugarcane borer. *See Diatraea saccharalis.*
Sugarcane mosaic. *See under* Virus diseases.
Sugarcane rootstock weevil. *See Anacentrinus deplanatus.*
Sugary disease, 2250, 2256, 2274, 2282, 2285, 2287, 2293, 2294
host range, 2253
role of fertilizers, 2246
Sulphur, effect on grain yield, 1299
Superphosphate, 1172
Sweet sorghum, 1113, 1894
breeding, 0638
cold resistance, 0618
deheading, effects on stalk yield and juice quality, 1455
fertilizer effects, 1284
germination, effect of low temperature, 0253
growth characteristics, 0106
hybridization, 0648
India, performance trials, 0929
inheritance, 0484
performance trials, 0773, 0939
planting date, 1490
selection, 0720
syrup production, 0737
sugar production, Louisiana (USA), 0906
Texas (USA), 1010
tillage, 1542
Syrup, 0737, 3330-3332, 3356

Taeniothrips traegardhi, 2677
Tannins, 0229, 0230, 0727, 2734, 2763, 2783, 2784, 2803-2805, 2847, 2892, 3036, 3104, 3106
TE 77, 2845
Telotylenchus, 2381, 2382
Temperature effects
development, 1136
enzymes, 0238
floral initiation, 1143
maturity, 1113
phenology, 1015
tolerance, 0358, 0641
yield, 1136
Tetraneura hirsuta, 2488
Thiamine, 2891
Thimet, effect on germination, 0273
Thinning, 1474
Thiram 2083
Threshing, 2021
losses 2020
Tillage
Kansas (USA), 1548
sweet sorghum 1542
Texas (USA), 1556
Western Nebraska (USA), 1539
Tillering, 1243
Tissue culture, 0233
Tolyposporium ehrenbergii, 2266, 2297
Toxicity, 0213, 3313, 3318, 3321
See also Aflatoxins; Hydrocyanic acid.
Trade
international, 3398, 3413
Latin America, 3399
Transpiration, 0293, 0301, 0340, 0349, 0352, 0364, 1154
leaf temperature, 0302
light intensity, 0302
resistance, 1132
Triazine, 1593
residual effects, 1237, 1254, 1594
tolerance, 1629
Tribolium castaneum, 2670
Trichlorofon, genetic resistance, 0514, 0850
Trisomes, 0430, 0432
Trisomics, 0447
Tryptophan, 2766

estimation, 2777
Tylenchorhynchus gladiolatus
Gambia, 2375
Senegal, 2375
Typhaea stercorea, 2696
L-tyrosine metabolism, 0217

Urea
effect on ß-carotene content, 1178
foliar application, 1347, 1350, 1398

Varieties (General), 0205, 0695-0697, 0702, 0703, 0705-0707, 0721, 0726, 0728, 0729, 0734, 0737, 0740-0742, 0752, 0755, 0756, 0762, 0778, 0782-0784, 0796-0798, 0802, 0804, 0809-0811, 0826-0830, 0834, 0836, 0840, 0876, 0891, 0895, 0898, 0915, 0916, 0919, 0931, 0979, 1240, 1298
central America, 0710
cytological studies, 0373
diversity, 0820
endosperm, 0154
forage, 0876, 1800, 1805, 1814, 1852, 1869, 1872, 1874, 1875, 1887, 1889, 1914, 1935, 1958, 1969
growth, 0250
heading characteristics, 0139
high-yielding, 0805, 0862, 0900, 0928, 0943, 0958, 0961
India, 0709, 0809, 0810, 0903
leaf blade areas, 0135
Nigeria, 0738
Panama, 0765
resistance
bacterial diseases, 0960
cold, 0208
greenbug, 0721, 0722, 0972
shoot fly, 0741
witchweed, 0756
salt tolerance, 0692
Senegal, 0701, 0766
South America, 0771
starch production, 0665
susceptibility to shoot fly, 0741
Upper Volta, 0799-0801
Venezuela, 0772, 0907-0909
yield, 0973
Varieties, specific
1338A INTA, 0880, 0885
2729A INTA, 0881, 0885
A-1-14-8, 1868
Dale, 0737
D.M.S. 652, 0811
Frondoso INTA, 0886
Genicheskoe I, 0922
Huerin INTA, 2625
Pusa Chari-1, 1969
RC-6, 0826
Swarna
growth, 0205
nitrogen, 1287-1289, 1375
yield response, nitrogen and plant population, 1114
Varietal trials *See* Performance trials.
Viability, metabolic changes, 0271
Virus diseases
cynodon mosaic, 2316
Fiji, 2328
France, 2338, 2340
inheritance, 2345
Israel, 2332
maize-dwarf mosaic, 2314, 2319, 2321-2325, 2335, 2337, 2341, 2342, 2351
Arizona (USA), 2326
Bulgaria, 2333
systemic insecticide, 2330
transmission by greenbug, 2318
resistance, 2336, 2350
South Dakota (USA), 2334
sugarcane mosaic, 2322, 2323, 2325, 2344, 2347, 2348, 2351
Australia, 2346, 2349
India, 2331
Vitamins, 0408, 0409, 2827, 2876, 2877, 3075

Water-stress, 0182, 0203, 0204, 1128
carbon dioxide exchange, 0351
mineral absorption, 0338
photosynthesis, 0298
physiological responses of leaves, 0349, 0350
See also Drought; Moisture stress.
Weathering resistance, 0748
Webworm, 2656
Weeds, 1620, 1630, 1641, 1680, 1718, 1720-1722
competition, 1598, 1675, 1699
control, 1587, 1571, 1574, 1577, 1582, 1583, 1589, 1592, 1593, 1596, 1599, 1604, 1607, 1609, 1612-1615, 1619, 1623, 1624, 1628, 1629, 1633, 1635, 1638, 1640, 1642, 1643, 1646, 1649-1658, 1661, 1666, 1672-1674, 1681-1686, 1689-1691, 1694, 1697, 1698, 1700-1702, 1832, 1977, 1978, 2004
Guatemala, 1644
Hungary, 1634
India, 1572, 1587
Nebraska (USA), 1578, 1580
West Africa, 1625
milkweed, 1606, 1659
phytotoxicity, 1597, 1618
pigweed, 1608
watergrass, Texas (USA), 1568
see also Striga
Wilt, 2139
Wind injury, 0290
Witchweed See *Striga*.
World collection, 0170, 0176, 0178

Yields, 0048, 0536, 0684, 0698-0700, 0768, 0825, 0927, 1023, 1063, 1065, 1066, 1084, 1094, 1104, 1105, 1121, 1122, 1156, 1173, 1179, 1200, 1219, 1222, 1403
Africa, 1054
Australia, 1106
calcium, 1076
compost, 1364
CSH-1, 0957, 1114, 1397, 1501
CSH-2, 0205, 0957
cultivation, 1552, 1596
defoliation, 1025
diquat (desiccant), 0280
drainage, 1222
dwarf varieties, 1044
endrin, 1350
ethylene, 1177
ferrous sulfate, 1362
fertilizer placement, 1378
herbicides, 1125, 1596
history, USA, 0053
insecticides, 1056
iron, 1363
light, 0258, 0347
losses, 1075, 1086
Louisiana (USA), 0027
mulching, 1174
Nigeria, 1031, 1250
nitrogen 1114, 1296, 1311, 1372, 1399, 1417, 1520
nitrophosphate, 1377
phosphorus, 1322, 1363, 1520
physiological factors, 1027, 1057
planting date, 1155, 1311
potassium, 1363, 1520
rotation, 1248, 1249
salinity fertility interactions, 0200
Sorghum x sudangrass hybrids, 0831, 1049, 1168, 1799, 1910
spacing, 1092, 1467, 1468, 1478, 1517, 1520
stability, 1002, 1144, 1929
stover, 1069
sulphur, 1299
sulphuric acid, 1362
tetraploids, 0757
Texas (USA), 0999, 1124
urea, 1350
weather, 1140
weeds, 1024
winter crop, 1123
zinc, 1363, 1382
See also Forage yields; Grain yields; Hybrids yields.

Zinc
deficiency, 1189
chemical composition, 1363, 2755
dry matter production, 2755
uptake of nitrogen and phosphorus, 1382
yield, 1363, 1382
Zonate leaf spot *See Gloeocercospora sorghi.*

GEOGRAPHIC INDEX

AFRICA
receding flood cultivation, 1553
AFRICA, EAST
crop improvement, 0615, 0639, 1012, 1019
downy mildew, 2201
performance trials, 0840
stem borers, parasites, 2586
yield stability parameters, 1054
AFRICA, WEST
insects, 2393
grass borers, 2570
shoot fly, 2507
performance trials, 0798
striga control, 2361
AMERICA, 0067
forage, 1900
AMERICA, CENTRAL, 0031
agronomy, 1108
new varieties, 0710
ARGENTINA
botanical characteristics, 0882
downy mildew, 2205
economics, 3372, 3410, 3411, 3412
feed, 3052
digestibility, 3041
forage, 1930, 1964
male sterile lines, 0880, 0881, 0885
midge, insecticides, 2639
performance trials, 0883
soils, agrohydrological study, 1162
spotted beetle, 2681, 2698
stubbling, 0884
sweet sorghum 0886
AUSTRALIA, 0002, 0003, 0033, 0050, 0054, 0055, 0084, 0085
agronomy, 0994, 1072, 1106
forage, 1754, 1780, 1889, 1985, 3071
irrigated grain sorghum, 1073
mineral nutrition, 0227
performance trials, 0736, 0808
spacings, 1495
sugarcane mosaic virus, 2346, 2349

BELGIUM
forage, 3042
BOLIVIA
forage, 1960
BOTSWANA
economics, 3395
BRAZIL, 0026, 0079
diseases, 2114
fertilizers, mineral, 1334
performance trials, 0767
phosphorus absorption, 1180
BULGARIA
feed value, 2916
hybrids, 0774
mosaic virus, 2333

CAMEROON, 0015, 0024, 0051, 1022
forage, 1775
grinding, traditional, 2712
muskwari sorghums, 1021, 1538
transplantation, 1530, 1538
CHAD, 0013
CANADA
midge, 1873
CENTRAL AMERICA. *See* AMERICA, CENTRAL
COLOMBIA
economics, 3364
insects, biological control, 2422
seed certification, 2074

DOMINICAN REPUBLIC
experimental results, 0794

EAST AFRICA. *See* AFRICA, EAST
EGYPT
stored grain insects, 2407
ETHIOPIA, 0623
economics, 3362
EUROPE, EASTERN, 1009

FRANCE, 0651
agronomy, 1557
fertilizers, 1313, 1404, 1405
forage, 1853, 1856
screening for tolerance to low temperatures, 0641
seed production, 2055
virus diseases, 2338, 2340
weed control 1643

GAMBIA, 0052
nematodes, 2375
GHANA, 0653
feed value, silage, 2976
grain processing, traditional, 2731
nitrogen effects, 1372
NPK effects, 1410
planting date, influence on yield, 1499
yield losses, 1075
GUATEMALA
performance trials, 0775
weed control, 1644

HUNGARY
herbicides, 1634
micronutrient uptake, 0295

INDIA, 0007-0009, 0038, 0056, 0918, 1043
adaptability, 0903
diseases, 2103, 2105, 2119, 2120, 2148
leaf spots, 2161, 2163, 2167, 2176, 2185
virus diseases, 2331, 2343
disease control, 2120
disease losses, 2117
economics, 3381, 3358, 3359, 3404
feeds, 1907, 2962
fertilizers, 1172
foods, 2884, 2896
herbicides, 1587
insects, 2415
chloropid fly, 2692
shoot fly, 2509
stem borers, 2588
insect control, 2403
milling, 2715
mixed cropping, 1266
plant protection, 2064
protein quality, 2786
seed industry management, 2051
sweet sorghums, 0929
variability studies, 1062
water requirements, 1011
Andhra Pradesh
agronomy, 1079
high-yielding variety, 0805
local varieties, 0827
multi-location testing (CSH-1), 0866
nitrogen effect, 1360
performance trials, 0900, 0901, 0958
planting dates, 1494, 1507
rabi sorghum improvement, 1045
seed production (CSH-1), 0867
spacing, 1516
Striga, 2360
Delhi
shoot fly, 2514
Gujarat
stem borer, control, 2589
Haryana
insects of summer fodder, 2400
Karnataka
agronomy, 0888, 1065
black cotton soils, mulching, 0185
downy mildew, 2209, 2228
economics, 3406, 3407
hybrids, 0824
insects
earhead bug, 2662
midge, 2609
shoot fly, 2539
performance trials, 0810, 0811, 0813, 0837
planting dates, 1515
pundalouya bug, 2684
soils (Karl), 0925
sugary disease, 2274
Madhya Pradesh
economics, 3371
weeds, 1680
Maharashtra
climatic influences, 1140
diseases, 2113, 2124
fertilizer effects, kharif sorghum, 1415
local and high yielding varieties, 0709
performance trials, 0816
rabi sorghum, 0862
response to major nutrients, 1407
response to nitrogen, 1304
virus diseases, 2317
Mysore See Karnataka
Punjab
leaf proteins, 2775
Rajasthan
diseases
downy mildew, 2200, 2277
smut, 2277
fertilizer effects, 1976
nitrogen, 1520
phosphorus, 1420, 1520

potash, 1520
forage, 1761, 1976
midge, 2621
nematodes, 2380
selection of crop, 0899
shoot fly, 2526
spacing, 1520
Tamil Nadu
agronomy, 1095
fertilizer effects, 1280
forage, 1764
hybrids, 0711
Uttar Pradesh
nematodes, 2380, 2384, 2385
nitrogen effects, 1351
smut, 2278
weed control, 1572
IRAQ
smut, 2297
ISRAEL
downy mildew, 2218
mosaic diseases, 2332
weeds, 1720
ITALY
forage, 1880, 1913

JAPAN, 0047
amino acids, 2985
breeding, 0664
diseases, 2112

KOREA
amino acids, 2836
food value, 2912
sweet sorghum, genetics, 1118

MADAGASCAR
agronomy, 0995
feed sorghum production, 2930
forage, 1840
stem borers, parasites, 2568
MALAYSIA
intercropping, 1289
MALI, 0042, 0043, 0075, 1541
breeding, 0605
economics, 3409
fertilizers, 1338, 1384
field crops, 0997
MEXICO, 0019
armyworm, 2564
forage, 1792, 2006
insecticides, 2420
marketing, 3414
midge, insecticides, 2623, 2627, 2631
yields, effect of calcium carbonate and calcium silicate, 1076

NEW ZEALAND
bacterial diseases, 2309, 2312
NICARAGUA, 0080
NIGER, 0018
agronomy, 1202
diseases, 2106
utilization, 3326, 3351
NIGERIA
adaptation of varieties, 0738
bird damage, 2676
breeding, 0600, 0601
crop residues, 1951
diseases
downy mildew, 2218
smut, 2268
economics, 3401
grain processing, traditional, 2731
growth, 1031
intercropping, 1223
mineralization of soil nitrogen, 1452
mixed cropping, 1250
performance trials, 0695
planting dates, 1466
potassium effects, 1317
spacing, effect on grain yield, 1485
storage, 2712
water availability, 1202
yields, 1031

PANAMA
performance trials, 0764
PAPUA NEW GUINEA, 2046
field crops, 0997
PHILIPPINES, 0059
economics, 3400
red leaf disease, 2172
utilization, 3344

ROMANIA
forage, 1858, 1944, 1997
sudangrass, 1910

SAUDI ARABIA
feed, poultry, 3272
forage, 1821-1825
SENEGAL, 0044
agronomy, 1047, 1082, 1109
dry farming, 1026
diseases, 2104
fertilizer effects, 1294, 1389
field crops, 0997
herbicides, 1621, 1622
local and recommended varieties, 0701
nematodes, 2375
nitrogen nutrition, 1295
performance trials, 0766
sandy soils, effect of repeated sorghum cropping, 1171
water consumption, 1103
SOUTH AFRICA
aphids, 2490
feed, poultry, 3280
SUDAN
breeding, 0645
feed value, sheep, 2931
food consumption, 3361
forage, 1869
herbicides, 1667
NPK effects, 1283
spacing, 1493
stem borers, 2592
SYRIA
feed value, 3054, 3055

TANZANIA, 0017

THAILAND, 0082
insects, shoot fly, 2512
insect control, 2432
performance trials, 0868
TOGO, 0021
TUNISIA
planting dates, 1500

UGANDA
insecticides, 2394
nitrogen and phosphorus effects, 1341
shoot fly, insecticides, 2503
soils, liming, 1176
UPPER VOLTA
fertilizers, 1286, 1389
midge, 2617
shoot fly, 2513
varieties, 0799-0801
USA, 0010, 0053, 0065, 0066, 0083
downy mildew, 2204, 2207
economics, 3382, 3386, 3387, 3399
grain sorghum, 0789
herbicides, 1595
midge, 2643
mosaic virus, 2352
silage, 3001
spacing, effect on yield components, 1505
stored grain insects, control, 2685
weeds, 1732
Arizona
diseases
downy mildew, 2231
maize dwarf mosaic, 2328
milo disease, 2149
root rot, 2150
insect control, 2386, 2412
performance trials, 0962
Arkansas
fertilizers, 1365
herbicides, 1610, 1741
insects, 2391, 2392
liming, 1365
performance trials, 0981-0983
silage, 3028
California, 0089
performance trials, 0976-0978
Colorado, 0034, 0074, 0091-0096
forage, 1805
green bugs, control, 2477
irrigation, 1207-1209
nitrogen effects, 1352
performance trials, 0848, 0984-0988
broomcorn, 0842-0847
seeding rate, 1042
silage, calves, 2979, 2980
Florida
agronomy, 1036, 1037
diseases, 2101
forage, 1948
organic soils, sod seeded sorghum, 1160
performance trials, 0781
sorghum-sudangrass, 0932
rotational cropping, 1268
variety trials, 0708

Georgia, 2044
bird resistant hybrids, 0790
diseases, 2102
corn leaf blight, 2156
smut, 2265
feed value, silage, 2974
grain storage, 2733
insects.
Hemiptera, damage, 2703
midge, 2648
stem borers, 2599
insect control, 2430
intercropping, 1241
performance trials, 0953-0955, 0975
weed control, 1739
Hawaii
diseases
leaf spot, 2133
rust, 2198
economics, 3368
feed value, 2964
sorghum production, 1028, 1090, 2053, 2056, 3379, 3380
Illinois
adaptation of hybrids to claypan soils, 0814
Iowa 0014
moisture stress, 1181
performance trials, 0714-0718
Kansas
economics, 3369
evapotranspiration, 1139
feed, 3093
cattle, 3148
value, 2970, 3109-3111, 3171
food value, 2893
herbicides, 1650, 1651
insects
greenbug, insecticides, 2458
leafhopper, 1779
nematodes, 2371
pastures, 3053
performance trials, 0969, 0970
tillage, 1548
Kentucky
herbicides, 1619
insects, 2417
insecticides, 2425
pastures, 3084
performance trials, 0793
production, 2045
Louisiana, 0027
bird damage, 0942
economics, 3370
feeds, 2938, 2939
fertilizer effects
calcium, 1426
magnesium, 1426
phosphorus, 1383
sulphur, 1299
pastures, 3069
performance trials, 0937, 0938, 0940, 0941
sweet sorghum, 0939
potassium uptake, 1426
proteins, 0788
seeding rate, 1525
soils, 1168
Michigan
Cecidomyiids, 2700
silage, 3013
Mississippi
diseases, 2091
head blight, 2190
stalk rot, 2137
hay, 1883
performance trials, 0726
silage, 3010, 3027
weed control, 1733
Missouri
planting dates, 1491
spacing, 1491
Nebraska, 0058
feed value, calves, 2972
growth response, 1159
herbicides, 1578
performance trials, 0759, 0760
sooty stripe, 2170
tillage, 1539
weed control, 1580
Nevada
forage, 2014
seed treatment, 2086
silage, 3012, 3015
sudangrass, 1863
New Mexico, 0030
irrigation, 1483
performance trials, 0768-0770, 0841
seed treatment, 2071
spacing, 1483
North Carolina
economics, 3377
North Dakota
forage, 1839
weed control, 1702
Ohio
agronomy, 1083
feed, cattle, 3181, 3183
feed, steers, 3180, 3182
Oklahoma, 0088
breeding, 0690, 0691
feeds, 3059, 3102, 3127, 3138, 3163, 3172, 3227, 3251
feed value, 2967
fertilizers, 1366, 1430-1432
forage, 1766
herbicides, 1670, 1671, 1712
insects, 2434
greenbug control, 2459
performance trials, 0749-0751, 0753, 0754, 0892
silage, steers, 2998
spacing, 1467
sudangrass, 0712
weed control, 1672
Puerto Rico, 0087
weeds, 1738
South Carolina, 1902, 1903
agronomy, 0993
performance trials, 0763, 0764
South Dakota
early sorghum, 0835
hay, 2008
virus diseases, 2334
Tennessee
forage, 1789, 1919
industrial processing, syrup, 3356
performance trials, 0782-0784
planting dates, 1488
seeding rates, 1488
spacing, 1486, 1488
Texas, 0062, 0068, 0081, 1220, 2037, 2050
agronomy, 1556
amino acids, 2762
cropping systems, 1277
diseases, 2090, 2121
downy mildew, 2191, 2203, 2233, 2235
head blight, 2291
maize dwarf mosaic, 2318
root rot, 2136
smut, 2259
dryland farming, 2047, 2060
economics, 3365, 3397
feed, 3187
cattle, 3131, 3166, 3190
digestibility, 3161, 3195
lambs, 3139-3144
poultry, 3262
sheep, 3198
swine, 3232, 3233
value, 2957, 2959
fertilizer effects, 1339, 1363
forage, 1818, 1819, 1850
grain, chemical reconstitution, 2797
chemical treatment, residues, 2815
herbicides, 1589, 1602, 1603, 1637, 1645, 1683-1685, 1710
industrial uses, 3348
insects, 2388, 2390
aphids, control, 2456
chinch bug, control, 2661
greenbugs, 2449
control, 2455
influence on charcoal rot, 2487
influence on stalk rots, 2462
insecticides, 2445, 2446
parasites, 2492
midge, 2633
control, 2616, 2638
insecticides, 2608, 2616, 2629
soil insects, control, 2438
stem borers, insecticides, 2596
sugarcane rootstock weevil, insecticides, 2598
irrigation, 1214, 1218
performance trials, 0833, 0963-0966
postharvest operations, 2748
quality improvement, 2870
seed production, 2036
soil conservation, 1164
spacing, 1481, 1513
spider mites, 2388, 2606
control, 2605, 2606
insecticides, 2600, 2604
susceptibility to herbicides, 0829
sweet sorghum, 1010
water use efficiency, 1225, 1226, 1522
weeds, 1568

control, 1604, 1605, 1698
yield, 0999
Wisconsin forage, 1958
Wyoming, 0795
performance trials, 0795
USSR, 0070, 0090, 0106, 1543
bacterial diseases, 2311
breeding, 0654, 0689
climatic influences, 1137
dry farming, 1017
flowering, 0161
forage, 1920, 1938, 2013
hay, 1946
heterosis, 0859
irrigation, effect on production, 1224
new varieties, 0752
performance trials, 0776, 0979
planting dates, 1482
silage, 3005
sorghum cultivation on sands, 1547
Sorghum vulgare cultivation, 1550

VENEZUELA
breeding, 0674
introduction of varieties and hybrids, 0771
performance trials, 0772

WEST AFRICA *See* AFRICA, WEST

YEMEN ARAB REPUBLIC
Cultivated sorghums, 1551