

**Safe Use Action Plan (SUAP)
for AgBiz Subcontractor Beneficiary Companies/Farmers to Implement
and AgBiz Project Staff to Oversee**

Action Plan Title: Actions to increase awareness of and mitigate pesticide risks on Macedonia assistance projects sites

Action Plan Objectives: Reduce risks from pesticides

On the following Action Plan Matrix, COP or delegate insert the start and end dates for each activity (see recommendations in Executive Summary for guidance on deadlines) or action or groups of subactions or activities to complete the action with the names of those responsible for each action, and a budget. Once this action plan is completely filled, and actions are under way or done, it can be transmitted to AID to show Regulation 216 compliance progress reducing pesticide risks on your project.

Actions/Activities	Start	End	Who	Budget
Reiterating Pesticide Regulations and Restrictions				
Ensure that Subcontractors do not propose the use of pesticide products containing active ingredients not EPA registered, RUP, too toxic, known carcinogen or known water pollutant, shaded red in Table 1 (PER Factors A, E, J)	Dec 14, 2011	Jan 31, 2012	Alan Schroeder	N/A
Ensure that Subcontractors do not promote or use locally-available insecticides containing banned POPs or PIC chemicals like insecticide endosulfan/Thiodan (PER Factor J)	Jan 31, 2012	Sep 30, 2012	Slobodan Bandzo	N/A
Ensure that Subcontractors do not promote or use fumigant aluminum phosphide to treat stored grain or produce (instead use trained and equipped fumigation services) (PER Factor D)	Jan 31, 2012	Sep 30, 2012	Slobodan Bandzo	N/A
Promote the least toxic pesticides for each crop protection situation (PER Factor B)	Mar 1, 2012	Mar 1, 2012	Slobodan Bandzo	N/A
Check for any movement by EU or MAFWE on new registrations of pesticides, including natural pesticides, and obtain this new pesticide registration information to benefit Subcontractors extension staff and reporting to USAID (PER Factors A, B, G, J, K, L)	Jan 31, 2012	Sep 30, 2012	Slobodan Bandzo	N/A
Pesticide Risk Awareness and Mitigation				
Provide annual training for Subcontractors and their served beneficiary farmers using the IPM and pesticide safety training topic list in Annex 8 (Factors A, B, C, D, E, F, G, K)	Mar 1, 2012	Mar 1, 2012	Slobodan Bandzo	N/A
Ensure that Subcontractor encourage farmers and farmer associations or cooperatives to each have 1 or 2 sets of PPE for the group to share and encourage them to assign a responsible PPE caretaker for each group (PER Factors D, E, L)				
Actions/Activities	Start	End	Who	Budget
Activity 1: Provision of comprehensive technical on-field assistance for modern production technology of table grapes	Apr 5, 2012	Sep 30, 2012	Nikola Mitev/ Krum Boskov	N/A
Activity 2: Support to the sustainable and continuous domestic production of high quality, certified, market demanded table grapes planting material	Apr 10, 2012	Sep 30, 2012	Krum Boskov/ Vladimir Kokarev	N/A
Activity 3: Support to the sustainable and continuous domestic production of high quality, certified, market demanded apple planting material	Apr 10, 2012	Sep 30, 2012	Marijan Kiprijanovski	N/A
Activity 4: Support to the process of compliance of the primary production with the requirement of the buyers and the market demand	Apr 15, 2012	Sep 30, 2012	Gordana PopSimonova/ Goce Georgievski	N/A
Activity 5: Technical assistance in implementation of GlobalGAP	Jun 10, 2012	Sep 30, 2012	Zaklina Golceva (Kocani region)	N/A

Actions/Activities	Start	End	Who	Budget
	Jul 15, 2012	Jul 30, 2012	Savka Markudova (Gevgelija region)	N/A
Activity 6: Facilitation in implementation of contract farming	Jul 5, 2012	Sep 21, 2012	Rukie Agic; Aleksanadar Zasev (Kocani region); Dusko Spasov/ Tome Timov (Strumica region); Damjan Smilkov (Gevgelija region); Alirami Saliji (Tetovo region); Vasil Trpevski (Skopje region)	N/A
Ensure that Subcontractors train farmers to use PPE and apply pesticides only when there is no wind or rain in the late afternoon or night when bees do not forage and it is cooler, or early morning if there is no dew present (PER Factors D, E, K, L)				
Actions/Activities	Start	End	Who	Budget
Activity 1: Provision of comprehensive technical on-field assistance for modern production technology of table grapes	Apr 5, 2012	Jul 30, 2012	Nikola Mitev/ Krum Boskov	N/A
Activity 2: Support to the sustainable and continuous domestic production of high quality, certified, market demanded table grapes planting material	Apr 10, 2012	Sep 30, 2012	Krum Boskov/ Vladimir Kokarev	N/A
Activity 3: Support to the sustainable and continuous domestic production of high quality, certified, market demanded apple planting material	Apr 10, 2012	Sep 30, 2012	Marijan Kiprijanovski	N/A
Activity 4: Support to the process of compliance of the primary production with the requirement of the buyers and the market demand	Apr 15, 2012	Sep 30, 2012	Gordana PopSimonova/ Goce Georgievski	N/A
Activity 5: Technical assistance in implementation of GlobalGAP	Jun 10, 2012	Sep 30, 2012	Zaklina Golceva (Kocani region)	N/A
	Jul 15, 2012	Jul 30, 2012	Savka Markudova (Gevgelija region)	N/A
Activity 6: Facilitation in implementation of contract farming	Jul 5, 2012	Sep 21, 2012	Rukie Agic; Aleksanadar Zasev (Kocani region); Dusko Spasov/ Tome Timov (Strumica region); Damjan Smilkov (Gevgelija region); Alirami Saliji (Tetovo region); Vasil Trpevski (Skopje region)	N/A
Good Agriculture Practices and IPM				
Have Subcontractors extension staff promote pest-specific crop-pest-IPM-pesticide information with farmers for field use, validation, modification or adaptation (PER Factor C, H, K, L)				
Actions/Activities	Start	End	Who	Budget
Activity 1: Provision of comprehensive technical on-field assistance for modern production technology of table grapes	Apr 5, 2012	Sep 30, 2012	Nikola Mitev/ Krum Boskov	N/A
Activity 2: Support to the sustainable and continuous domestic production of high quality, certified, market demanded table grapes planting material	Apr 10, 2012	Sep 30, 2012	Krum Boskov/ Vladimir Kokarev	N/A

Actions/Activities	Start	End	Who	Budget
Activity 3: Support to the sustainable and continuous domestic production of high quality, certified, market demanded apple planting material	Apr 10, 2012	Sep 30, 2012	Marijan Kiprijanovski	N/A
Activity 4: Support to the process of compliance of the primary production with the requirement of the buyers and the market demand	May 15, 2012	Sep 30, 2012	Gordana PopSimonova/ Goce Georgievski	N/A
Activity 5: Technical assistance in implementation of GlobalGAP	Jun 10, 2012	Sep 30, 2012	Zaklina Golceva (Kocani region)	N/A
	Jul 1, 2012	Sep 10, 2012	Savka Markudova (Gevgelija region)	N/A
Activity 6: Facilitation in implementation of contract farming	Jul 5, 2012	Sep 21, 2012	Rukie Agic; Aleksanadar Zasev (Kocani region); Dusko Spasov/ Tome Timov (Strumica region); Damjan Smilkov (Gevgelija region); Alirami Saliji (Tetovo region); Vasil Trpevski (Skopje region)	N/A
Use IPM information to produce crop-specific production PMPs, and then field reference guides or posters for farmers to use to anticipate and manage pests, diseases and weeds (PER Factor C)				
Actions/Activities	Start	End	Who	Budget
Activity 1: Provision of comprehensive technical on-field assistance for modern production technology of table grapes	Apr 5, 2012	Sep 30, 2012	Nikola Mitev/ Krum Boskov	N/A
Activity 2: Support to the sustainable and continuous domestic production of high quality, certified, market demanded table grapes planting material	Apr 10, 2012	Aug 30, 2012	Krum Boskov/ Vladimir Kokarev	N/A
Activity 3: Support to the sustainable and continuous domestic production of high quality, certified, market demanded apple planting material	Apr 10, 2012	Sep 30, 2012	Marijan Kiprijanovski	N/A
Activity 4: Support to the process of compliance of the primary production with the requirement of the buyers and the market demand	May 15, 2012	Sep 30, 2012	Gordana PopSimonova/ Goce Georgievski	N/A
Activity 5: Technical assistance in implementation of GlobalGAP	Jun 10, 2012	Sep 30, 2012	Zaklina Golceva (Kocani region)	N/A
	Jul 1, 2012	Sep 10, 2012	Savka Markudova (Gevgelija region)	N/A
Activity 6: Facilitation in implementation of contract farming	Jul 5, 2012	Sep 21, 2012	Rukie Agic; Aleksanadar Zasev (Kocani region); Dusko Spasov/ Tome Timov (Strumica region); Damjan Smilkov (Gevgelija region); Alirami Saliji (Tetovo region); Vasil Trpevski (Skopje region)	N/A
Have Subcontractor extension staff promote the use of artisanal natural chemicals listed in Annexes 1, 4 and 5, as available (PER Factors B, H, I)				
Actions/Activities	Start	End	Who	Budget

Actions/Activities	Start	End	Who	Budget
Activity 1: Provision of comprehensive technical on-field assistance for modern production technology of table grapes	Apr 5, 2012	Jul 30, 2012	Nikola Mitev/ Krum Boskov	N/A
Activity 2: Support to the sustainable and continuous domestic production of high quality, certified, market demanded table grapes planting material	Apr 10, 2012	Sep 30, 2012	Krum Boskov/ Vladimir Kokarev	N/A
Activity 3: Support to the sustainable and continuous domestic production of high quality, certified, market demanded apple planting material	Apr 10, 2012	Sep 30, 2012	Marijan Kiprijanovski	N/A
Activity 4: Support to the process of compliance of the primary production with the requirement of the buyers and the market demand	May 15, 2012	Sep 30, 2012	Gordana PopSimonova/ Goce Georgievski	N/A
Activity 5: Technical assistance in implementation of GlobalGAP	Jun 10, 2012	Sep 30, 2012	Zaklina Golceva (Kocani region)	N/A
	Jul 1, 2012	Sep 10, 2012	Savka Markudova (Gevgelija region)	N/A
Activity 6: Facilitation in implementation of contract farming	Jul 5, 2012	Sep 21, 2012	Rukie Agic; Aleksanadar Zasev (Kocani region); Dusko Spasov/ Tome Timov (Strumica region); Damjan Smilkov (Gevgelija region); Alirami Saliji (Tetovo region); Vasil Trpevski (Skopje region)	N/A
Follow GlobalGAP standards and website http://www.epa.gov/oppfead1/labeling/lrm/chap-13.htm for empty container disposal and pesticide record-keeping (PER Factors D, J, K, L)				
Actions/Activities	Start	End	Who	Budget
Activity 1: Provision of comprehensive technical on-field assistance for modern production technology of table grapes	Apr 5, 2012	Jul 30, 2012	Nikola Mitev/ Krum Boskov	N/A
Activity 2: Support to the sustainable and continuous domestic production of high quality, certified, market demanded table grapes planting material	Apr 10, 2012	Sep 30, 2012	Krum Boskov/ Vladimir Kokarev	N/A
Activity 3: Support to the sustainable and continuous domestic production of high quality, certified, market demanded apple planting material	Apr 10, 2012	Sep 30, 2012	Marijan Kiprijanovski	N/A
Activity 4: Support to the process of compliance of the primary production with the requirement of the buyers and the market demand	May 15, 2012	Sep 30, 2012	Gordana PopSimonova/ Goce Georgievski	N/A
Activity 5: Technical assistance in implementation of GlobalGAP	Jun 10, 2012	Sep 30, 2012	Zaklina Golceva (Kocani region)	N/A
	Jul 1, 2012	Sep 10, 2012	Savka Markudova (Gevgelija region)	N/A
Activity 6: Facilitation in implementation of contract farming	Jul 5, 2012	Sep 21, 2012	Rukie Agic; Aleksanadar Zasev (Kocani region); Dusko Spasov/ Tome Timov (Strumica region);	N/A

Actions/Activities	Start	End	Who	Budget
			Damjan Smilkov (Gevgelija region); Alirami Saliji (Tetovo region); Vasil Trpevski (Skopje region)	
During Subcontractor training, promote use of electrostatic and sleeve-boom sprayers that can reduce spray drift (PER Factor D)				
Actions/Activities	Start	End	Who	Budget
Activity 1: Provision of comprehensive technical on-field assistance for modern production technology of table grapes	Apr 5, 2012	Jul 30, 2012	Nikola Mitev/ Krum Boskov	N/A
Activity 2: Support to the sustainable and continuous domestic production of high quality, certified, market demanded table grapes planting material	Apr 10, 2012	Sep 30, 2012	Krum Boskov/ Vladimir Kokarev	N/A
Activity 3: Support to the sustainable and continuous domestic production of high quality, certified, market demanded apple planting material	Apr 10, 2012	Sep 30, 2012	Marijan Kiprijanovski	N/A
Activity 4: Support to the process of compliance of the primary production with the requirement of the buyers and the market demand	May 15, 2012	Sep 30, 2012	Gordana PopSimonova/ Goce Georgievski	N/A
Activity 5: Technical assistance in implementation of GlobalGAP	Jun 10, 2012	Sep 30, 2012	Zaklina Golceva (Kocani region)	N/A
	Jul 1, 2012	Sep 10, 2012	Savka Markudova (Gevgelija region)	N/A
Activity 6: Facilitation in implementation of contract farming	Jul 5, 2012	Sep 21, 2012	Rukie Agic; Aleksanadar Zasev (Kocani region); Dusko Spasov/ Tome Timov (Strumica region); Damjan Smilkov (Gevgelija region); Alirami Saliji (Tetovo region); Vasil Trpevski (Skopje region)	N/A
Natural Resources Protection				
Use GAPs, erosion control and low aquatic toxicity pesticides near known protected areas and do not use pesticides within 30 meters of open water (PER Factor G, H)				
Actions/Activities	Start	End	Who	Budget
Activity 1: Provision of comprehensive technical on-field assistance for modern production technology of table grapes	May 15, 2012	Sep 30, 2012	Nikola Mitev/ Krum Boskov	N/A
Activity 2: Support to the sustainable and continuous domestic production of high quality, certified, market demanded table grapes planting material	Apr 10, 2012	Sep 30, 2012	Krum Boskov/ Vladimir Kokarev	N/A
Activity 3: Support to the sustainable and continuous domestic production of high quality, certified, market demanded apple planting material	Apr 10, 2012	Sep 30, 2012	Marijan Kiprijanovski	N/A
Activity 4: Support to the process of compliance of the primary production with the requirement of the buyers and the market demand	May 15, 2012	Jul 30, 2012	Gordana PopSimonova/ Goce Georgievski	N/A
Activity 5: Technical assistance in implementation of GlobalGAP	Jun 10,	Sep 30,	Zaklina Golceva (Kocani region)	N/A

Actions/Activities	Start	End	Who	Budget
	2012	2012		
	Jul 1, 2012	Sep 10, 2012	Savka Markudova (Gevgelija region)	N/A
Activity 6: Facilitation in implementation of contract farming	Jul 5, 2012	Sep 21, 2012	Rukie Agic; Aleksanadar Zasev (Kocani region); Dusko Spasov/ Tome Timov (Strumica region); Damjan Smilkov (Gevgelija region); Alirami Saliji (Tetovo region); Vasil Trpevski (Skopje region)	N/A
Consider the use of botanical, microbial or biological controls near protected areas and species (PER Factor G)				
Actions/Activities	Start	End	Who	Budget
Activity 1: Provision of comprehensive technical on-field assistance for modern production technology of table grapes	May 15, 2012	Sep 30, 2012	Nikola Mitev/ Krum Boskov	N/A
Activity 2: Support to the sustainable and continuous domestic production of high quality, certified, market demanded table grapes planting material	Apr 10, 2012	Sep 30, 2012	Krum Boskov/ Vladimir Kokarev	N/A
Activity 3: Support to the sustainable and continuous domestic production of high quality, certified, market demanded apple planting material	Apr 10, 2012	Sep 30, 2012	Marijan Kiprijanovski	N/A
Activity 4: Support to the process of compliance of the primary production with the requirement of the buyers and the market demand	May 15, 2012	Sep 30, 2012	Gordana PopSimonova/ Goce Georgievski	N/A
Activity 5: Technical assistance in implementation of GlobalGAP	Jun 10, 2012	Sep 30, 2012	Zaklina Golceva (Kocani region)	N/A
	Jul 1, 2012	Sep 10, 2012	Savka Markudova (Gevgelija region)	N/A
Activity 6: Facilitation in implementation of contract farming	Jul 5, 2012	Sep 21, 2012	Rukie Agic; Aleksanadar Zasev (Kocani region); Dusko Spasov/ Tome Timov (Strumica region); Damjan Smilkov (Gevgelija region); Alirami Saliji (Tetovo region); Vasil Trpevski (Skopje region)	N/A
Protect honeybees by spraying in late afternoon or night, and warn beekeepers of impending spray operations (PER Factor G)				
Actions/Activities	Start	End	Who	Budget
Activity 1: Provision of comprehensive technical on-field assistance for modern production technology of table grapes	May 15, 2012	Sep 30, 2012	Nikola Mitev/ Krum Boskov	N/A
Activity 2: Support to the sustainable and continuous domestic production of high quality, certified, market demanded table grapes planting material	Apr 10, 2012	Sep 30, 2012	Krum Boskov/ Vladimir Kokarev	N/A
Activity 3: Support to the sustainable and continuous domestic production of high quality, certified, market demanded apple planting material	Apr 10, 2012	Sep 30, 2012	Marijan Kiprijanovski	N/A

Actions/Activities	Start	End	Who	Budget
Activity 4: Support to the process of compliance of the primary production with the requirement of the buyers and the market demand	May 15, 2012	Sep 30, 2012	Gordana PopSimonova/ Goce Georgievski	N/A
Activity 5: Technical assistance in implementation of GlobalGAP	Jun 10, 2012	Sep 30, 2012	Zaklina Golceva (Kocani region)	N/A
	Jul 1, 2012	Sep 10, 2012	Savka Markudova (Gevgelija region)	N/A
Activity 6: Facilitation in implementation of contract farming	Jul 5, 2012	Sep 21, 2012	Rukie Agic; Aleksanadar Zasev (Kocani region); Dusko Spasov/ Tome Timov (Strumica region); Damjan Smilkov (Gevgelija region); Alirami Saliji (Tetovo region); Vasil Trpevski (Skopje region)	N/A
On sandy soil with a high water table (less than 2 meters) do not use herbicides or other pesticides with water pollution potential (PER Factor G, H)				
Actions/Activities	Start	End	Who	Budget
Activity 1: Provision of comprehensive technical on-field assistance for modern production technology of table grapes	May 15, 2012	Sep 30, 2012	Nikola Mitev/ Krum Boskov	N/A
Activity 2: Support to the sustainable and continuous domestic production of high quality, certified, market demanded table grapes planting material	Apr 10, 2012	Sep 30, 2012	Krum Boskov/ Vladimir Kokarev	N/A
Activity 3: Support to the sustainable and continuous domestic production of high quality, certified, market demanded apple planting material	Apr 10, 2012	Sep 30, 2012	Marijan Kiprijanovski	N/A
Activity 4: Support to the process of compliance of the primary production with the requirement of the buyers and the market demand	May 15, 2012	Sep 30, 2012	Gordana PopSimonova/ Goce Georgievski	N/A
Activity 5: Technical assistance in implementation of GlobalGAP	Jun 10, 2012	Sep 30, 2012	Zaklina Golceva (Kocani region)	N/A
	Jul 1, 2012	Sep 10, 2012	Savka Markudova (Gevgelija region)	N/A
Activity 6: Facilitation in implementation of contract farming	Jul 5, 2012	Sep 21, 2012	Rukie Agic; Aleksanadar Zasev (Kocani region); Dusko Spasov/ Tome Timov (Strumica region); Damjan Smilkov (Gevgelija region); Alirami Saliji (Tetovo region); Vasil Trpevski (Skopje region)	N/A
Near waterways, consider pesticides that both have low aquatic toxicity, no pollution potential and break down quickly; and do not apply when rain is imminent (PER Factor G, H)				
Actions/Activities	Start	End	Who	Budget
Activity 1: Provision of comprehensive technical on-field assistance for modern production technology of table grapes	May 15, 2012	Sep 30, 2012	Nikola Mitev/ Krum Boskov	N/A

Actions/Activities	Start	End	Who	Budget
Activity 2: Support to the sustainable and continuous domestic production of high quality, certified, market demanded table grapes planting material	Apr 10, 2012	Sep 30, 2012	Krum Boskov/ Vladimir Kokarev	N/A
Activity 3: Support to the sustainable and continuous domestic production of high quality, certified, market demanded apple planting material	Apr 10, 2012	Sep 30, 2012	Marijan Kiprijanovski	N/A
Activity 4: Support to the process of compliance of the primary production with the requirement of the buyers and the market demand	May 15, 2012	Sep 30, 2012	Gordana PopSimonova/ Goce Georgievski	N/A
Activity 5: Technical assistance in implementation of GlobalGAP	Jun 10, 2012	Sep 30, 2012	Zaklina Golceva (Kocani region)	N/A
	Jul 1, 2012	Sep 10, 2012	Savka Markudova (Gevgelija region)	N/A
Activity 6: Facilitation in implementation of contract farming	Jul 5, 2012	Sep 21, 2012	Rukie Agic; Aleksanadar Zasev (Kocani region); Dusko Spasov/ Tome Timov (Strumica region); Damjan Smilkov (Gevgelija region); Alirami Saliji (Tetovo region); Vasil Trpevski (Skopje region)	N/A
Project Management Responsibilities				
Define and assure safe pesticide use practices following GlobalGAP standards, and audit AgBiz/Subcontractor-assisted farmer's use of each best practice (PER Factors K, L)				
Actions/Activities	Start	End	Who	Budget
Activity 1: Provision of comprehensive technical on-field assistance for modern production technology of table grapes	Apr 5, 2012	Sep 30, 2012	Nikola Mitev/ Krum Boskov	N/A
Activity 2: Support to the sustainable and continuous domestic production of high quality, certified, market demanded table grapes planting material	May 20, 2012	Sep 30, 2012	Krum Boskov/ Vladimir Kokarev	N/A
Activity 3: Support to the sustainable and continuous domestic production of high quality, certified, market demanded apple planting material	Apr 10, 2012	Sep 30, 2012	Marijan Kiprijanovski	N/A
Activity 4: Support to the process of compliance of the primary production with the requirement of the buyers and the market demand	May 15, 2012	Sep 30, 2012	Gordana PopSimonova/ Goce Georgievski	N/A
Activity 5: Technical assistance in implementation of GlobalGAP	Jun 5, 2012	Sep 30, 2012	Zaklina Golceva (Kocani region)	N/A
	Jul 1, 2012	Sep 30, 2012	Savka Markudova (Gevgelija region)	N/A
Activity 6: Facilitation in implementation of contract farming	Jul 5, 2012	Sep 21, 2012	Rukie Agic; Aleksanadar Zasev (Kocani region); Dusko Spasov/ Tome Timov (Strumica region); Damjan Smilkov (Gevgelija region); Alirami Saliji	N/A

Actions/Activities	Start	End	Who	Budget
			(Tetovo region); Vasil Trpevski (Skopje region)	
Keep copies of the current list of pesticide AIs analyzed by this PERSUAP at all AgBiz and Subcontractor centers (Table 1, PER Factors A, D, J)	Mar 1, 2012	Sep 30, 2012	AgBiz	N/A
Collect and keep copies of MSDSs for each commercial pesticide that farmers are likely to use at each Subcontractor center (PER Factors A, B, E, G)	Mar 1, 2012	Sep 30, 2012	AgBiz	N/A
Keep PERSUAP recommendation implementation records and report on them in Annual Reports, under a heading titled “Environmental Compliance and Best Practices” (PER Factor K, L)	Mar 1, 2012	Sep 30, 2012	AgBiz	N/A
Provide for SUAP implementation and use	Mar 1, 2012	Sep 30, 2012	AgBiz	N/A

Action Plan Goals: Decrease the number of Subcontractors and beneficiary farmers unaware of pesticide safety, environmental and natural resource protection, and IPM concepts.

Action Plan Discussion Points:

Action Plan Final Sign-off: COP _____, date: _____