

Annex AGRI-3

Domestic crops and vegetable production

SECTOR:AGRICULTURE

Priority within the Sector:High priority

PLANTS,WEED,PEST AND DIDEASE

SUB-SECTOR:crops and vegetable production

Priority within the Sector:High priority

Activity

A-INSECTICIDES

Code	Item Description	Intended use (targeted and user)	Qty (mt)	Allocation Criteria	Time Frame	
					Field Application	Optimal delivery time
05-03-00001	Fenitrothion S- 100 ULV	Treatment dubas bug in date palm trees (the farmers planted date palm in most governorates)	100	According to areas planted with date palm trees , infestation distribution level through general body of plant protection compaigns	APRIL	FEBRUARY
05-03-00002	Etofenoprox 7.5 ULV	Treatment dubas bug in date palm trees (the farmers planted date palm in most governorates)	25	According to areas planted with date palm trees , infestation distribution level through general body of plant protection compaigns.	APRIL	FEBRUARY
05-03-00003	Thiamethoxam 350 FS	For seed treatment before planting to protect corn both soil pests and early foliar insects (corn stem borer) . (the farmers planted corn in 15 governorates)	5	According to planted areas, infestation level	JUNE	MARCH
05-03-00004	Thiamethoxam 25 WG	Controls white fly, aphids ,thrips on cotton and other crops (the farmers planted cotton and other crops in most governorates)	5	According to planted areas, infestation level	JUNE	SEPTEMBER
05-03-00005	Cyfluthrin 050 EC	Controls white fly on Vegetables (the farmers planted vegetables in most governorates)	15	According to planted areas, infestation level	APRIL	MARCH
05-03-00006	Abamectin 1.8% EC	Controls leaf miner , white fly and mite in vegetables and Citrus (the farmers planted vegetables and Citrus in15 governorates)	10	According to planted areas, infestation level	APRIL	FEBRUARY
05-03-00007	Methidathion 40% EC	Controls of a wide-range of sucking and chewing insects (especially scales and mely bugs insects in citrus) and mites in many crops (the farmers planted Citrus and Vegetables in 15governorates)	50	According to planted areas , infestation level	APRIL	FEBRUARY

05-03-00008	Imidacloprid 20% SL, 5%GR	Controls leaf miner and white fly in vegetables also control corn stem borer . (the farmers planted vegetables and Corn in 15 governorates)	15	According to planted areas, infestation level	MAY	MARCH
05-03-00009	Chlorpyrifos+ Cypermethrin 22% EC	Controls of white fly in vegetables also control dubas bug in date palm (the farmers planted vegetables and date palm in 15 governorates)	10	According to planted areas , infestation level	APRIL	FEBRUARY
05-03-00010	Deltamethrin 2.5% EC	Controls sucking and chewing insects in vegetables(the farmers planted vegetables and date palm in 15 governorates)	30	According to planted areas , infestation level	APRIL	FEBRUARY
05-03-00011	Diafenturon 50% SC	Controls leaf miner and white fly in vegetables also control mite in date palm (the farmers planted vegetables and date palm in most governorates)	10	According to planted areas , infestation level	APRIL	FEBRUARY
05-03-00012	Methiocarb 50 % WP	Controls of Slygs and snails in a wide range of crops . Broad- range control of sucking and biting insects and mites in vegetables,Citrus,Pome and Stone fruits also used as a bird repellent (the farmers planted crops in 15 governorates)	5	According to planted areas, infestation level	APRIL	FEBRUARY
05-03-00013	Beta- cyfluthrin 025 EC	Controls of Aphids , white fly , mite in vegetables and cotton (the farmers planted vegetables and cotton in 15 governorates)	10	According to planted areas , infestation level	MAY	MARCH
05-03-00014	Dinobuton 40 EL	Controls mite in Citrus (the farmers planted Citrus in most governorates)	15	According to planted areas, infestation level	APRIL	FEBRUARY
05-03-00015	Fenazaquin 20% SC	Controls mite in vegetables crops and Potatoes (the farmers planted vegetables and Potatoes in 15 governorates)	25	According to planted areas, infestation level	APRIL	FEBRUARY
05-03-00016	Fenamiphose 10% GR	Controls nematode species in vegetables, Potatoes,Citrus,Pome and Stone fruits (the farmers planted vegetables , Citrus and fruit trees in most governorates)	75	According to planted areas , infestation level	APRIL	FEBRUARY
05-03-00017	Phenthoate 92% ULV	Treatment dubas bug in date palm trees. (the farmers planted date palm in most governorates)	50	According to areas planted with date palm trees , infestation distribution level through general body of plant protection compaigns.	APRIL	FEBRUARY

05-03-00018	Chloropyrifose Ethyl 24% ULV	Treatment dubas bug in date palm trees (the farmers planted date palm in most governorates)	75	Treatment dubas bug in date palm trees (the farmers planted date palm in most governorates)	APRIL	FEBRUARY
05-03-00019	Phenthoate 50%EC	Controls stem corn borer in corn and sunna bug in wheat (the farmers planted corn and wheat in most governorates)	50	According to planted areas , infestation level	APRIL- JUNE	FEBRUARY
05-03-00020	Alpha-cypermethrin 5%EC	Controls stem corn borer in corn and sun bug in wheat (the farmers planted corn and wheat in most governorates)	50	According to planted areas , infestation level	APRIL- JUNE	FEBRUARY
05-03-00021	Thiocyclam hydrogen oxalate 50% WP	Controls leaf miner and white fly in vegetables (the farmers planted vegetables in most governorates)	5	According to planted areas , infestation level	APRIL	FEBRUARY
05-03-00022	Triazophos 40%EC	Controls white fly and mites in vegetables(the farmers planted vegetable in most governorates)	50	According to planted areas , infestation level	APRIL	FEBRUARY
05-03-00023	Lufenuron 5%EC	Treatment corn stem borer on corn (the farmers planted corn in most governorates)	5	According to planted areas , infestation level	JUNE	APRIL
05-03-00024	Chinomethionate 25% WP	Controls mite in vegetables and fruit , citrus trees. (the farmers planted vegetables and fruit trees in most governorates)	40	According to planted areas , infestation level	MAY	FEBRUARY
05-03-00025	Bromopropylate 50% EC	Controls mite in vegetables and fruit , citrus trees. (the farmers planted vegetables and fruit trees in most governorates)	25	According to planted areas , infestation level	MAY	FEBRUARY
05-03-00026	Halfenprox 5% SC	Controls mite in vegetables and fruit , citrus trees. (the farmers planted vegetables and fruit trees in most governorates)	15	According to planted areas , infestation level	MAY	FEBRUARY
05-03-00027	Carbaryl 10%D	Treatment Hymera insect in date palm .(the farmers planted date palm in most governorates)	50	According to date palm planted areas , infestation level	FEBURARY	JANUARY
05-03-00028	Carbaryl 85% WP	Contros tomato fruit worm and Agrotis in vegetables (the farmers planted vegetables in most governorates)	25	According to planted areas , infestation level	APRIL	FEBRUARY
05-03-00029	Chloropyrifose 40.8 TC	Treatment termites in building	100	According to infestation level	MAY	MARCH
05-03-00030	Fipronil 25 EC	Treatment termites in building	50	According to infestation level	MAY	MARCH
05-03-00031	Carbosulfan 35ST	For seed treatment before planting to protect corn from both soil pests and early foliar insects (corn stem borer) . (the farmers planted corn in 15 governorates)	5	According to planted areas, infestation level	JUNE	MARCH

05-03-00032	Cyromazine 75% WP	Controls leaf miner and white fly on vegetables (the farmers planted vegetables in 15 governorates)	1	According to planted areas, infestation level	MAY	MARCH
05-03-00033	Zinc phosphide	For control wide range of rodent pests	20	According to infestation level	APRIL	OCTOBER
05-03-00034	Aluminum phosphide	For control wide range of rodent pests	20	According to planted areas, infestation level	APRIL	OCTOBER

B-FUNGICIDES

Code	Item Description	Intended use (targeted and user)	Qty (mt)	Allocation Criteria	Time Frame	
					Field Application	Optimal delivery time
05-03-00035	Metalaxyl +Mancozep Mz 68% WP	Controls downy mildew , late blight diseases in vegetables (the farmers planted vegetables in 15 governorates)	30	According to planted areas, infestation level	APRIL	FEBRUARY
05-03-00036	Mancozeb M 45 WP	Controls downy mildew , late blight diseases in vegetables (the farmers planted vegetables in 15 governorates)	100	According to planted areas, infestation level	APRIL	FEBRUARY
05-03-00037	Copper Oxchloride Mancozep 47.5% WP	Controls downy mildew in vegetables (the farmers planted vegetables in 15 governorates)	15	According to planted areas, infestation level	APRIL	FEBRUARY
05-03-00038	Carbendazim 50% FL	Controls leaf spot ,powdery mildew and gray mold in vegetables, Pome and Stone fruits , grape , cereals (farmers in 15 governorates)	25	According to planted areas, infestation level	APRIL	FEBRUARY
05-03-00039	Benomyl 50% WP	Controls leaf spot ,powdery mildew in vegetables, and root rot disease in citrus , vegetables ,Pome and Stone fruits , grape , cereals (farmers planted vegetables ,citrus and fruit trees in 15 governorates)	50	According to planted areas, infestation level	MAY	MARCH
05-03-00040	Propineb 70% WP	Controls downy mildew , spot diseases , late and early blight in vegetables (the farmers planted vegetables in 15 governorates)	50	According to planted areas, infestation level	APRIL	FEBRUARY
05-03-00041	Metalaxyl- M 2.5 G	For soil fungus in vegetables and gumosis in Citrus (the farmers planted vegetables and Citrus in 15 governorates)	40	According to planted areas, infestation level	APRIL	FEBRUARY
05-03-00042	Dazomet 98%	For soil fungi , nematode , insects soil (farmers in 15 governorates)	40	According to planted areas, infestation level	JULY	MAY

05-03-00043	Oxadixyl - M 8WP	Controls downy mildew on vegetables(the farmers planted vegetables in15 governorates)	30	According to planted areas, infestation level	APRIL	FEBRUARY
05-03-00044	Iprodione 50%EC	Controls downy mildew on vegetables (the farmers planted vegetables in15 governorates)	15	According to planted areas, infestation level	APRIL	FEBRUARY
05-03-00045	Chlorothalonil 75% WP	Controls downy mildew on vegetables (the farmers planted vegetables in15 governorates)	15	According to planted areas, infestation level	APRIL	FEBRUARY
05-03-00046	Propamocarb hydrochloride -N	Controls downy mildew on vegetables (the farmers planted vegetables in15 governorates)	15	According to planted areas, infestation level	APRIL	FEBRUARY
05-03-00047	Hymexazol 41.5% EC	For soil fungus in vegetables (the farmers planted vegetables in15 governorates)	15	According to planted areas, infestation level	APRIL	FEBRUARY
05-03-00048	Chinosol 50SL	For soil fungus in vegetables (the farmers planted vegetables in15 governorates)	25	According to planted areas, infestation level	APRIL	FEBRUARY
05-03-00049	Streptomycin or Agrimycin WP	For control bacterial plant pathogens on vegetables (the farmers planted vegetables in 15 governorates)	400 Kg	According to planted areas, infestation level	APRIL	FEBRUARY
05-03-00050	Tetraconazole 10% EC	Controls powdery mildew and scab in fruit trees and vegetables (the farmers planted fruit trees and vegetables in most governorates)	15	According to planted areas, infestation level	APRIL	FEBRUARY
05-03-00051	Penconazole 50% WP	Controls powdery mildew and scab in fruit trees and vegetables (the farmers planted fruit trees and vegetables in most governorates)	5	According to planted areas, infestation level	APRIL	FEBRUARY
05-03-00052	Fenarimol WP	Controls powdery mildew and scab in fruit trees and vegetables (the farmers planted fruit trees and vegetables in most governorates)	25	According to planted areas, infestation level	APRIL	FEBRUARY
05-03-00053	Myclobutanil 10% EC	Controls powdery mildew and scab in fruit trees and vegetables (the farmers planted fruit trees and vegetables in most governorates)	15	According to planted areas, infestation level	APRIL	FEBRUARY
05-03-00054	Mancozeb S-60 D	Seed treatment control smut on wheat and barley (the farmers planted wheat and barley in most governorates)	50	According to planted areas, infestation level	AUGUST	JUNE
05-03-00055	Carboxin WP	Seed treatment controls smuts on wheat , barley and cotton (the farmers planted wheat and barley in most governorates)	5	According to planted areas, infestation level	AUGUST	JUNE

05-03-00056	Chlozolinate 50% WP	Controls white and gray mold diseases on vegetables (the farmers planted vegetables in most governorates)	5	According to planted areas , infestation level	APRIL	FEBRUARY
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C-HERBICIDES

Code	Item Description	Intended use (targeted and user)	Qty (mt)	Allocation Criteria	Time Frame	
					Field Application	Optimal delivery time
05-03-00057	Bentazone 48%SC	Controls broad leaf weeds in the crops broad leaf (Farmers in some governorates planted broad leaf crops)	5	According to planted area , infestation level	APRIL	JANUARY
05-03-00058	Terbutryn WP	Controls legume weeds especially lentils (farmers in some governorates planted legumes)	5	According to planted area , infestation level	APRIL	JANUARY
05-03-00059	Chloridazon DF	For pre and post emergence control of weeds in Sugar beet . (farmers in some governorates planted Sugar beet)	20	According to planted area , infestation level	APRIL	JANUARY
05-03-00060	Dichloro phenoxy acetic acid 72% Amine	Controls broad leaf weeds on wheat and barley (the farmers planted wheat and barley in most governorates)	100	According to planted area , infestation level	DECEMBER	SEPTEMBER
05-03-00061	Metribuzin 70 EP	Controls narrow leaf weeds on potato,tomato (the farmers planted tomatoand potato in most governorates)	10	According to planted area , infestation level	MAY	MARCH
05-03-00062	Triasul furon + Terbutryn 64WG	Controls broad leaf weeds on wheat and barley (the farmers planted wheat and barley in most governorates)	5	According to planted area , infestation level	DECEMBER	SEPTEMBER
05-03-00063	Carfentrazone-ethyl + 2,4-D 70-72% WG	Controls broad leaf weeds on wheat and barley (the farmers planted wheat and barley in most governorates)	5	According to planted area , infestation level	DECEMBER	SEPTEMBER
05-03-00064	Atrazine 50% WP	Controls narrow weeds on corn (the farmers planted corn in most governorates)	10	According to planted area , infestation level	MAY	FEBRUARY
05-03-00065	Clodina fop propargyl 10%EC	Controls narrow leaf weeds on wheat (the farmers planted wheat in most governorates)	30	According to planted area , infestation level	DECEMBER	SEPTEMBER
05-03-00066	Fenoxaprop -p-ethyl 7.5% EW	Controls narrow leaf weeds on wheat (the farmers planted wheat in most governorates)	30	According to planted area , infestation level	DECEMBER	SEPTEMBER

05-03-00067	Clyphosate iso-propyl ammonium 36% (Round up ultra)	Controls many annuals and perennial grasses and broad leaf weeds plus many tree and woody brush species in cropland and non crop sites .	40	According to planted area , infestation level	MAY	MARCH
05-03-00068	Cycloxdim 10%EC	Control narrow leaf weeds on vegetables ,onion,garlic,cotton (the farmers planted crops and vegetabges in most governorates)	5	According to planted area , infestation level	APRIL	FEBRUARY
05-03-00069	Haloxyfop-R- methyl ester 10.8%EC	Control weeds on legumes , vegetables ,onion (the farmers planted legumes and vegetabges in most governorates)	25	According to planted area , infestation level	APRIL	FEBRUARY
05-03-00070	Prometrin	To control potato and legumes weeds (the farmers planted potato and legumes in most governorates)	30	According to planted area , infestation level	APRIL	FEBRUARY
05-03-00071	Paraquat 20%SL	Control of weeds in potato , fruit orchards .(the farmers planted potato and fruit trees in most governorates)	20	According to weeds infestation level	APRIL	FEBRUARY
05-03-00072	Trifluralin 44.5%EC	Control of weeds in cotton , sun flower and vegetables(the farmers planted cotton , sun flower and vegetables in most governorates)	25	According to weeds infestation level	APRIL	FEBRUARY

D-BEE KEEPING REQUIERMENT

Code	Item Description	Intended use (targeted and user)	Qty (mt)	Allocation Criteria	Time Frame	
					Field Application	Optimal delivery time
05-03-00073	Amitraz	Treatment of bee varroa mite	5	According to number of hives in and infestation level	APRIL- SEPTEMBER	FEBRUARY
05-03-00074	Wax Foundation	Hives equipment	40	According to the number of the bee keeper	APRIL- SEPTEMBER	FEBRUARY
05-03-00075	Hand fram honey extractor	To be used by the bee keeper.	1000 Units	According to the number of bee keeper	APRIL	FEBRUARY
05-03-00076	Oxytetracycline 5.5%	Treatment to bee diseases	100 Kg	According to the number of Hives in and infestation level	APRIL	JANUARY
05-03-00077	Bayvarol	Treatment of bee varroa mite	400000 Stribes	According to the number of Hives in and infestation level	APRIL- SEPTEMBER	FEBRUARY

E-RAW MATERIAL FOR LOCAL

Code	Item Description	Intended use (targeted and user)	Qty (mt)	Allocation Criteria	Time Frame	
					Field Application	Optimal delivery time
05-03-00078	Propanil – 96 %	For production of rice herbicide .	320 MT	To be distributed after production to farmers in the 15 governorates	JUNE	MARCH
05-03-00079	Fenvalerate– 92 %	For production to control white fly , stem borer in maize , sping boll in cotton	30 MT	To be distributed after production to farmers in the 15 governorates	APRIL	MARCH
05-03-00080	Diazinon – 95 %	For production to control stem borer in maize	50 MT	To be distributed after production to farmers in the 15 governorates		OCTOBER-DECEMBER
05-03-00081	Glyphosate - iso propylammonium 62 %	To control annual grasses and weeds in fields and orchids	100 MT	To be distributed after production to farmers in the 15 governorates		MARCH
05-03-00082	Isoferon	Raw material for pesticide production	130 MT	To be incorporated in pesticides and herbicides production	Raw material only	MARCH
05-03-00083	XN 6	Raw material for pesticide production	70 MT	To be incorporated in pesticides and herbicides production	Raw material only	MARCH
05-03-00038	XN 10	Raw material for pesticide production	30 MT	To be incorporated in pesticides and herbicides production	Raw material only	OCTOBER-DECEMBER
05-03-00039	Tensiofix – B7438	Raw material for pesticide production	6 MT	To be incorporated in pesticides and herbicides production	Raw material only	OCTOBER-DECEMBER
05-03-00040	Tensiofix – B7453	Raw material for pesticide production	8 MT	To be incorporated in pesticides and herbicides production	Raw material only	OCTOBER-DECEMBER

F-EQUIPMENT

Code	Item Description	Intended use (targeted and user)	Qty (mt)	Allocation Criteria	Time Frame	
					Field Application	Optimal delivery time
05-03-00084	Fork lift (1-3 T)	For pesticides loading in the central and district ware houses	10	According to number of warehouses in the governorates	All Year Round	As soon as possible

05-03-00085	Truck (3 – 5 T) capacity	For transportation of pesticide from the central warehouses to the district warehouses in the governorates	75	To be stationed in the central warehouses in the governorates	All Year Round	As soon as possible
05-03-00086	Passenger bus (40 – 50 seats)	For staff transportation in the plant protection	100	To be distributed to the main plant protection divisions in the governorates	All Year Round	As soon as possible
05-03-00087	Mini Bus (8 – 10 Seats)	For transportation of plant protection crew to the sites of spraying operations	100	To be distributed to the main plant protection divisions in the governorates	All Year Round	As soon as possible
05-03-00088	Fire fighting trucks	For emergency fire fighting in the central and district warehouses	20	To be distributed to the main warehouses in the governorates	All Year Round	As soon as possible