

Annex AGRI-3

Domestic crops and vegetable production

SECTOR:AGRICULTURE

Priority within the Sector:High priority

PLANTS,WEED,PEST AND DIDEASE CONTROL.

Activity

SUB-SECTOR:crops and vegetable production

Priority within the Sector:High priority

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)	100.00	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)	125.00	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)	5.00	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)	5.00	According to planted areas, infestation level	JUNE	SEPTEMBER
05-03-00005	Endosulfan 30 EC	Controls white fly on crops (the farmers planted vegetables in most governorates)	30.00	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)	10.00	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)	30.00	According to planted areas , infestation level	APRIL	FEBRUARY
05-03-00008	Imidacloprid 20% SC, 5%	Controls leaf miner and white fly in vegetables also control corn stem borer . (the farmers planted vegetables and Corn in 15 governorates)	15.00	According to planted areas, infestation level	MAY	MARCH
05-03-00009	Chlorpyrifos + Cypermethrin 22%, 55% EC	Controls of white fly in vegetables also control dubas bug in date palm (the farmers planted vegetables and date palm in15governorates)	15.00	According to planted areas , infestation level	APRIL	FEBRUARY
05-03-00010	Deltamethrin 2.5% EC, 25% W/W Tab.	Controls sucking and chewing insects in vegetables(the farmers planted vegetables and date palm in 15 governorates)	20.00	According to planted areas , infestation level	APRIL	FEBRUARY
05-03-00011	Diafenthuron 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)	10.00	According to planted areas , infestation level	APRIL	FEBRUARY
05-03-00012	Flufenoxuron 10% DC	Controls of chewing insects on cotton and other crops (the	3.00	According to planted areas, infestation level	JUNE	MAY

05-03-00013	Thiodicarb 375 WG, 80 DF	Controls of chewing insects on cotton and other crops (the farmers planted cotton in most governorates)	5.00	According to planted areas , infestation level	JUNE	MAY
05-03-00014	Dinobuton 40 EL	Controls mite in Citrus (the farmers planted Citrus in most governorates)	15.00	According to planted areas , infestation level	APRIL	FEBRUARY
05-03-00015	Fenazaquin 20% SC	Controls mite in vegetables crops and Potatoes (the	15.00	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)	25.00	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	100.00	According to areas planted with date palm trees , infestation distribution level through general body of plant protection compaigns.	APRIL	FEBRUARY
05-03-00018	Ethoprophos 20%EC , 10% G	Controls nematode species in vegetables, Potatoes,Citrus,Pome and Stone fruits (the farmers planted vegetables , Citrus and fruit trees in most governorates)	20.00	According to planted areas , infestation level	APRIL	FEBRUARY
05-03-00019	Phenthoate 50%EC	Controls stem corn borer in corn and sunnys bug in wheat	30.00	According to planted areas , infestation level	JUNE	FEBRUARY
05-03-00020	Alpha-cypermethrin 5% , 10% EC	Controls stem corn borer in corn and sunnys bug in wheat	50.00	According to planted areas , infestation level	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)	5.00	According to planted areas , infestation level	APRIL	FEBRUARY
05-03-00022	Triazophos 40%EC	Controls white fly and mites in vegetables(the farmers planted	10.00	According to planted areas , infestation level	APRIL	FEBRUARY

05-03-00023	Cadusfos 10% G	Controls nematode species in vegetables, Potatoes, Citrus, Pome and Stone fruits (the farmers planted vegetables, Citrus and fruit trees in most governorates)	20.00	According to planted areas, infestation level	APRIL	FEBRUARY
05-03-00024	Zeta-cypermethrin 5% EC	Controls chewing and sucking insects on crops (the farmers planted vegetables in 15 governorates)	5.00	According to planted areas, infestation level	APRIL	MARCH
05-03-00025	Bromopropylate 50% EC	Controls mite in vegetables and fruit, citrus trees. (the farmers planted vegetables and fruit trees in most governorates)	15.00	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)	15.00	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)	20.00	According to date palm planted areas, infestation level	FEBRUARY	JANUARY
05-03-00028	Carbaryl 85%WP	Controls tomato fruit worm and Agrotis in vegetables (the farmers planted vegetables in most governorates)	15.00	According to planted areas, infestation level	APRIL	FEBRUARY
05-03-00029	Diflupenzuron 48% SC, WP	Controls of chewing insects on cotton and other crops (the farmers planted cotton in most governorates)	3.00	According to planted areas, infestation level	JUNE	MAY
05-03-00030	Fipronil 25 EC	Treatment termites in building	30.00	According to infestation level	MAY	MARCH

Code	Item Description	Intended use (targeted and user)	Qty (mt)	Allocation criteria	Time frame	
					Field application	Optimal delivery time
05-03-00031	Carbosulfan 48% EC , 10% G	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)	10.00	According to planted areas , infestation level	JUNE	MARCH
05-03-00032	Chlorfenapyr 36% EC	Controls of chewing insects on cotton and other crops (the farmers planted cotton in most governorates)	5.00	According to planted areas , infestation level	JUNE	MAY
05-03-00033	Zinc phosphide	For control wide range of rodent pests	20.00	According to infestation level	APRIL	OCTOBER
05-03-00034	Aluminum phosphide	For control wide range of rodent pests	20.00	According to infestation level	APRIL	OCTOBER
05-03-00035	Profenofos + cypermethrin 44% EC	Controls of chewing insects on cotton and other crops (the farmers planted cotton in most governorates)	3.00	According to planted areas , infestation level	JUNE	MAY
05-03-00036	Pyriproxyfen 10% EC	Controls of leaf minor on tomato and white fly and other crops (the farmers planted cotton in most governorates)	25.00	According to planted areas , infestation level	DECEMBER	SEPTEMBER
05-03-00037	Pymetrozine 50% WG	Controls of Aphids on cotton and other crops (the farmers planted cotton in most governorates)	5.00	According to planted areas , infestation level	JULY	JUNE
05-03-00038	Fenpropathrin + Pyriproxyfen 20% EC	Controls of Thrips on cotton and other crops (the farmers planted cotton in most governorates)	5.00	According to planted areas , infestation level	JULY	JUNE
05-03-00039	Dicofol + Tetradifon 22% , 25%	Controls mite in vegetables and fruit , citrus trees. (the farmers planted vegetables and fruit trees in most governorates)	15.00	According to planted areas , infestation level	MAY	FEBRUARY

05-03-00040	Zeta-cypermethrin ULV	Treatment dubas bug in date palm trees. (the farmers planted date palm in most governorates)	25.00	According to areas planted with date palm trees , infestation distribution level through general body of plant protection compaigns.	APRIL	FEBRUARY
05-03-00041	Pyridaphnthon 25% ULV	Treatment dubas bug in data palm and sunna bug in wheat . (the farmers planted date palm and wheat in most governorates)	25.00	According to areas planted with date palm trees and wheat, infestation distribution level through general body of plant protection compaigns.	MAY	FEBRUARY
05-03-00042	Cypermethrin 10% , 25%	Controls stem corn borer in corn and sunna bug in wheat (the farmers planted corn and wheat in most governorates)	10.00	According to planted areas , infestation level	APRIL JUNE	FEBRUARY
05-03-00043	Teflubenzuron 15% SC	Controls stem corn borer in corn (the farmers planted corn in most governorates)	10.00	According to planted areas , infestation level	JUNE	APRIL
05-03-00044	Lamda / cyhalothrin 5% EC	Controls chewing and sucking insects on sun flower and cotton (the farmers planted sun flower and cotton in most governorates)	15.00	According to planted areas , infestation level	APRIL	FEBRUARY
05-03-00045	Propargite 30% WP	Controls mite in Citrus (the farmers planted Citrus in most governorates)	10.00	According to planted areas, infestation level	APRIL	FEBRUARY
05-03-00046	Cyhexatin 25% WP	Controls mite in Citrus and apple and cucumber (the farmers planted Citrus, apple and cucumber in most governorates)	5.00	According to planted areas, infestation level	APRIL	FEBRUARY
05-03-00047	Inoxacarb 30% WG	Controls of fruit worm of tomato (the farmers planted tomato in most governorates)	5.00	According to planted areas, infestation level	DECEMBER	SEPTEMBER

05-03-00048	Acetamiprid 20% SP	Controls insects of vegetables and cotton (the farmers planted tomato and cotton in most governorates)	8.00	According to planted areas, infestation level	MAY	APRIL
05-03-00049	Lamda / cyhalothrin 2.5 % ULV	Treatment dubas bug in date palm trees. (the farmers planted date palm in most governorates)	25.00	According to areas planted with date palm trees , infestation distribution level through general body of plant protection compaigns.	APRIL	FEBRUARY
05-03-00050	Etoxazol 10% SC	Controls mite in date palm (the farmers planted date palm trees in most governorates)	10.00	According to planted areas, infestation level	JULY	MAY
05-03-00051	Fipronil 20 SC	Controls borer in date palm (the farmers planted date palm trees in most governorates)	5.00	According to planted areas, infestation level	MAY	APRIL
05-03-00052	Bifenthrin 25.1% TC	Treatment termites in building	3.00	According to infestation level	MAY	MARCH

B- FUNGICIDES

Code	Item Description	Intended use (targeted and user)	Qty (mt)	Allocation criteria	Time frame	
					Field application	Optimal delivery time
05-03-00053	Metalaxyl - M + Mancozep Mz 68%WP	Controls downy mildew , late blight diseases in vegetables (the farmers planted vegetables in15 governorates)	30.00	According to planted areas, infestation level	APRIL	FEBRUARY
05-03-00054	Mancozeb M 45	Controls downy mildew , late blight diseases in vegetables (the farmers planted vegetables in15 governorates)	50.00	According to planted areas, infestation level	APRIL	FEBRUARY
05-03-00055	Copper Oxychloride Mancozep 41.5% WP	Controls downy mildew in vegetables (the farmers planted vegetables in15 governorates)	15.00	According to planted areas, infestation level	APRIL	FEBRUARY
05-03-00056	Carbendazim 50% FL ,WP, DF	Controls leaf spot ,powdery mildew and gray mold in	15.00	According to planted areas, infestation level	APRIL	FEBRUARY
05-03-00057	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)	30.00	According to planted areas, infestation level	MAY	MARCH
05-03-00058	Propineb 70% WP	Controls downy mildew , spot diseases , late and early blight in vegetables (the farmers planted vegetables in15 governorates)	5.00	According to planted areas, infestation level	APRIL	FEBRUARY
05-03-00059	Metalaxyl-	For soil fungus in vegetables and gumosis in Citrus (the farmers planted vegetables and Citrus in15 governorates)	50.00	According to planted areas, infestation level	APRIL	FEBRUARY

	M 2.5 G					
05-03-00060	Dazomet 98%	For soil fungi , nematode , insects soil (farmers in 15 governorates)	10.00	According to planted areas, infestation level	JULY	MAY
05-03-00061	Oxadixyl - M 8WP	Controls downy mildew on vegetables(the farmers planted vegetables in15 governorates)	25.00	According to planted areas, infestation level	APRIL	FEBRUARY
05-03-00062	Iprodione 50%EC	Controls downy mildew on vegetables (the farmers planted vegetables in15 governorates)	10.00	According to planted areas, infestation level	APRIL	FEBRUARY
05-03-00063	Chlorothalonil 75%WP , 50L	Controls downy mildew on vegetables (the farmers planted vegetables in15 governorates)	5.00	According to planted areas, infestation level	APRIL	FEBRUARY
05-03-00064	Propamocarb hydrochloride 70 SL	Controls downy mildew on vegetables (the farmers planted vegetables in15 governorates)	15.00	According to planted areas, infestation level	APRIL	FEBRUARY
05-03-00065	Fludioxonil 10% FS	Controls of wilt disease in crops (the farmers planted crops in15 governorates)	2.00	According to planted areas, infestation level	APRIL	FEBRUARY
05-03-00066	Chinosol 50SL	For soil fungus in vegetables (the farmers planted vegetables in15 governorates)	25.00	According to planted areas, infestation level	APRIL	FEBRUARY
05-03-00067	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
05-03-00068	Tetraconazole 10%EC	Controls powdery mildew and scab in fruit trees and vegetables (the farmers planted fruit trees and vegetables in most governorates)	5.00	According to planted areas, infestation level	APRIL	FEBRUARY
05-03-00069	Difenoconazole 3 WC , FS	Controls wilt of crops and loose and covered smut on wheat (the farmers planted crops and wheat in most governorates)	2.00	According to planted areas, infestation level	APRIL	FEBRUARY
05-03-00070	Fosetyl - Al 70WP	Controls downy mildew , spot diseases , late and early blight in vegetables (the farmers planted vegetables in15 governorates)	15.00	According to planted areas, infestation level	APRIL	FEBRUARY

05-03-00071	Tebuconazole 25% EC	Controls powdery mildew in vegetables (the farmers planted vegetables in most governorates)	2.00	According to planted areas, infestation level	APRIL
05-03-00072	Mancozeb S-60 D	Seed treatment control smut on wheat and barley (the farmers planted wheat and barley in most governorates)	100.00	According to planted areas, infestation level	AUGUST
05-03-00073	Carboxin WP	Seed treatment controls smuts on wheat , barley and cotton (the farmers planted wheat and barley in most governorates)	5.00	According to planted areas, infestation level	AUGUST
05-03-00074	Fosetyl - Al + Mancozeb 70WP	Controls downy mildew , spot diseases , late and early blight in vegetables (the farmers planted vegetables in 15 governorates)	10.00	According to planted areas, infestation level	APRIL
05-03-00075	Difenoconazole 25 EC	Controls early blight in Tomato (the farmers planted tomato in 15 governorates)	10.00	According to planted areas, infestation level	APRIL DECEMBER
05-03-00076	Trifloxystrobin 50% WG	Controls powdery mildew in vegetables (the farmers planted vegetables in most governorates)	5.00	According to planted areas, infestation level	APRIL
05-03-00077	Phosphorus acid 40%	Controls downy mildew , late blight diseases in vegetables (the farmers planted vegetables in 15 governorates)	15.00	According to planted areas, infestation level	APRIL
05-03-00078	Benalaxyl 73% WP	Controls downy mildew , late blight diseases in vegetables (the farmers planted vegetables in 15 governorates)	5.00	According to planted areas, infestation level	APRIL
05-03-00079	Mancozeb + Ofurace 75.6% WP	Controls mold diseases in vegetables (the farmers planted vegetables in 15 governorates)	15.00	According to planted areas, infestation level	APRIL
05-03-00080	Dimethonorph+ Mancozeb 69% WP		5.00	According to planted areas, infestation level	APRIL

		Controls downy mildew , late blight diseases in vegetables (the farmers planted vegetables in15 governorates)			
05-03-00081	Chlozolate 50% WP	Controls mold disease in vegetables (the farmers planted vegetables in15 governorates)	5.00	According to planted areas, infestation level	APRIL
05-03-00082	Cyprodinil+ Fludioxonil 62.5% WG	Controls mold disease in vegetables (the farmers planted vegetables in15 governorates)	5.00	According to planted areas, infestation level	APRIL
05-03-00083	Famoxate + Cymoxanil 52.5% WG	Controls early blight in vegetables (the farmers planted vegetables in15 governorates)	5.00	According to planted areas, infestation level	APRIL
05-03-00084	Tolyfluanid 50% WP	Controls mold disease in vegetables (the farmers planted vegetables in15 governorates)	2.00	According to planted areas, infestation level	APRIL
05-03-00085	Fenhexamid 50% SC	Controls apple scab and powdery mildew in grape (the farmers planted fruit trees in15 governorates)	2.00	According to planted areas, infestation level	APRIL
05-03-00086	Azoxystrobin 25% SC	Controls powdery mildew in apricot and cucumber (the farmers planted fruit trees and vegetables in15 governorates)	2.00	According to planted areas, infestation level	APRIL
05-03-00087	Trforine 20% EC	Controls apple scab (the farmers planted fruit trees in15 governorates)	2.00	According to planted areas, infestation level	APRIL
05-03-00088	Flusilazole 40% EC	Controls of powdrey mildew in grapes and other fruits (the farmers planted fruit trees in15 governorates)	2.00	According to planted areas, infestation level	APRIL

C-HERBICIDES

Code	Item Description	Intended use (targeted and user (Qty (mt)	Allocation Criteria	Time frame	
					Field application	Optimal delivery time
05-03-00089	Fluazifop - P- butyl 25% EC	Controls weeds in Legume vegetables and cotton (Farmers in some governrates planted Legume vegetables and cotton)	10.00	According to planted area , infestation level	APRIL	FEBRUARY
05-03-00090	Oxyfluorfen 24.19 EC	Controls cotton weeds (farmers in some governorates planted cotton)	5.00	According to planted area , infestation level	APRIL	JANUARY
05-03-00091	Chloridazon DF, WP ,L	For pre and post emergence control of weeds in Sugar beet . (farmers in some governorates planted Sugar beet)	20.00	According to planted area , infestation level	APRIL	JANUARY
05-03-00092	Dichloro phenoxy acetic acid 72%Amine	Controls broad leaf weeds on wheat and barley (the farmers planted wheat and barley in most governorates)	150.00	According to planted area , infestation level	DECEMBER	SEPTEMBER
05-03-00093	Atrazine + S- Metala Chlor 66% EC	Controls cotton and corn weeds (farmers in some governorates planted cotton and corn)	5.00	According to planted area , infestation level	APRIL JUNE	FEBRUARY MARCH
05-03-00094	Triasul furon 64WG	Controls broad leaf weeds on wheat and barley (the farmers planted wheat and barley in most governorates)	5.00	According to planted area , infestation level	DECEMBER	SEPTEMBER
05-03-00095	Imazamox 40% SL	Controls legumes weeds (farmers in some governorates planted legume)	5.00	According to planted area , infestation level	APRIL	JANUARY
05-03-00096	Atrazine 50% WP	Controls narrow weeds on corn (the farmers planted corn in most governorates) .	10.00	According to planted area , infestation level	MAY	FEBRUARY
05-03-00097	Clodina fop propargyl 10%EC	Controls narrow leaf weeds on wheat (the farmers planted wheat in most governorates)	30.00	According to planted area , infestation level	DECEMBER	SEPTEMBER
05-03-00098	Fenoxaprop -p-ethyl 7.5% EW	Controls narrow leaf weeds on wheat (the farmers planted wheat in most governorates)	75.00	According to planted area , infestation level	DECEMBER	SEPTEMBER
05-03-00099	Cycloxdim 10%EC	Control narrow leaf weeds on vegetables onion garlic cotton	5.00	According to planted area , infestation level	APRIL	FEBRUARY

05-03-00100	Haloxyfop-R- methyl ester 10.8%EC	Control weeds on legumes , vegetables ,onion (the farmers planted legumes and vegetabges in most governorates)	15.00	According to planted area , infestation level	APRIL	FEBRUARY
05-03-00101	Quizalofop - ethyl 5% EC	To control Soy bean, tomato , potato and onion weeds (the farmers planted Soy bean, tomato , potato and onion in most governorates)	5.00	According to planted area , infestation level	APRIL	January
05-03-00102	Paraquat 20%SL	Control of weeds in potato , fruit orchards (the farmers	100.00	According to weeds infestation level	APRIL	FEBRUARY
05-03-00103	Trifluralin 44.5%, 48% EC	Control of weeds in cotton , sun flower and vegetables(the farmers planted cotton , sun flower and vegetables in most governorates)	80.00	According to weeds infestation level	APRIL	FEBRUARY
05-03-00104	Propaquizafop 10% EC	To control Soy bean, tomato , potato and onion weeds (the farmers planted Soy bean, tomato , potato and onion in most governorates)	5.00	According to planted area , infestation level	APRIL	JANUARY
05-03-00105	Tripenuron methyl 75 DF	Controls broad leaf weeds on wheat and barley (the farmers planted wheat and barley in most governorates)	1.00	According to planted area , infestation level	DECEMBER	SEPTEMBER
05-03-00106	Florasulam + Flumetsulam 17.5 SC	Controls broad leaf weeds on wheat and barley (the farmers planted wheat and barley in most governorates)	5.00	According to planted area , infestation level	DECEMBER	SEPTEMBER
05-03-00107	Inazamthabenz + Isoproturon 39% EC	Controls broad and narrow leaf weeds on wheat and barley (the farmers planted wheat and barley in most governorates)	5.00	According to planted area , infestation level	DECEMBER	SEPTEMBER
05-03-00108	Dichlofop - Methyl 37% EC	Controls narrow leaf weeds on wheat and barley (the farmers planted wheat and barley in most governorates	300.00	According to planted area , infestation level	DECEMBER	SEPTEMBER
05-03-00109	Dichlofop - Methyl + fenoxa prop C27% EC	Controls narrow leaf weeds on wheat and barley (the farmers planted wheat and barley in most governorates	100.00	According to planted area , infestation level	DECEMBER	SEPTEMBER

D- BEE KEEPING
REQUERMENTS

Code	Item Description	Intended use (targeted and user (Qty (mt)	Allocation criteria	Time frame	
					Field application	Optimal delivery time
05-03-00110	Amitraz	Treatment of bee varroa mite	2.00	According to number of hives in and infestation level	APRIL SEPTEMBER	FEBRUARY
05-03-00111	Wax Foundation	Hives equipment	30.00	According to the number of the bee keeper	APRIL SEPTEMBER	FEBRUARY
05-03-00112	Oxytetracycline 5.5%	Treatment to bee diseases	100 KG	According to the number of Hives in and infestation level	APRIL	JANUARY
05-03-00113	Bayvarol	Treatment of bee varroa mite	400,000.00 Strips	According to the number of Hives in and infestation level	APRIL SEPTEMBER	FEBRUARY