

Annex AGRI-3**Domestic crops and
vegetable production****SECTOR:AGRICULTURE****SUB-SECTOR:crops and
vegetable production****Priority within the
Sector:High priority****PLANTS,WEED,PEST AND
DIDEASE CONTROL.****A-INSECTICIDES**

Code	Item Description	Intended use (targeted and user)	Qty (mt)
05-03-00001	Fenitrothion S- 100 ULV	Treatment dubas bug in date palm trees (the farmers planted date palm in most governorates)	100
05-03-00002	Etofenoprox 7.5 ULV	Treatment dubas bug in date palm trees (the farmers planted date palm in most governorates)	25
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
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
05-03-00005	Cyfluthrin 050 EC	Controls white fly on Vegetables (the farmers planted vegetables in most governorates)	15
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

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
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
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 in15governorates)	10
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
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
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

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
05-03-00014	Dinobuton 40 EL	Controls mite in Citrus (the farmers planted Citrus in most governorates)	15
05-03-00015	Fenazaquin 20% SC	Controls mite in vegetables crops and Potatoes (the farmers planted vegetables and Potatoes in 15 governorates)	25
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
05-03-00017	Phenthoate 92%ULV	Treatment dubas bug in date palm trees. (the farmers planted date palm in most governorates)	54,400 kg
05-03-00018	Chloropyrifose Ethyl 24%ULV	Treatment dubas bug in date palm trees (the farmers planted date palm in most governorates)	75
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
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
05-03-00021	Thiocyclam hydrogen oxalate 50%WP	Controls leaf miner and white fly in vegetables (the farmers planted vegetables in most governorates)	5

05-03-00022	Triazophos 40%EC	Controls white fly and mites in vegetables(the farmers planted vegetable in most governorates)	50
05-03-00023	Lufenuron 5%EC	Treatment corn stem borer on corn (the farmers planted corn in most governorates)	5
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
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
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
05-03-00027	Carbaryl 10%D	Treatment Hymera insect in date palm .(the farmers planted date palm in most governorates)	50
05-03-00028	Carbaryl 85%WP	Contros tomato fruit worm and Agrotis in vegetables (the farmers planted vegetables in most governorates)	25
05-03-00029	Chloropyrifose 40.8 TC	Treatment termites in building	100
05-03-00030	Fipronil 25 EC	Treatment termites in building	50

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
05-03-00032	Cyromazine 75% WP	Controls leaf miner and white fly on vegetables (the farmers planted vegetables in 15 governorates)	1
05-03-00033	Zinc phosphide	For control wide range of rodent pests	20
05-03-00034	Aluminum phosphide	For control wide range of rodent pests	20

B-FUNGICIDES

Code	Item Description	Intended use (targeted and user)	Qty (mt)
05-03-00035	Metalaxyl +Mancozeb Mz 68%WP	Controls downy mildew , late blight diseases in vegetables (the farmers planted vegetables in 15 governorates)	30
05-03-00036	Mancozeb M 45 WP	Controls downy mildew , late blight diseases in vegetables (the farmers planted vegetables in 15 governorates)	100
05-03-00037	Copper Oxychloride Mancozeb 47.5% WP	Controls downy mildew in vegetables (the farmers planted vegetables in 15 governorates)	15
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

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
05-03-00040	Propineb 70% WP	Controls downy mildew , spot diseases , late and early blight in vegetables (the farmers planted vegetables in15 governorates)	50
05-03-00041	Metalaxyl- M 2.5 G	For soil fungus in vegetables and gumosis in Citrus (the farmers planted vegetables and Citrus in15 governorates)	40
05-03-00042	Dazomet 98%	For soil fungi , nematode , insects soil (farmers in 15 governorates)	40
05-03-00043	Oxadixyl - M 8WP	Controls downy mildew on vegetables(the farmers planted vegetables in15 governorates)	30
05-03-00044	Iprodione 50%EC	Controls downy mildew on vegetables (the farmers planted vegetables in15 governorates)	15
05-03-00045	Chlorothalonil 75%WP	Controls downy mildew on vegetables (the farmers planted vegetables in15 governorates)	15
05-03-00046	Propamocarb hydrochloride -N	Controls downy mildew on vegetables (the farmers planted vegetables in15 governorates)	15
05-03-00047	Hymexazol 41.5% EC	For soil fungus in vegetables (the farmers planted vegetables in15 governorates)	15

05-03-00048	Chinosol 50SL	For soil fungus in vegetables (the farmers planted vegetables in 15 governorates)	25
05-03-00049	Streptomycin or Agrimycin WP	For control bacterial plant pathogens on vegetables (the farmers planted vegetables in 15 governorates)	400 Kg
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
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
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
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
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
05-03-00055	Carboxin WP	Seed treatment controls smuts on wheat , barley and cotton (the farmers planted wheat and barley in most governorates)	5

05-03-00056	Chlozolinate 50% WP	Controls white and gray mold diseases on vegetables vegetables (the farmers planted vegetables in most governorates	5
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C-HERBICIDES

Code	Item Description	Intended use (targeted and user)	Qty (mt)
05-03-00057	Bentazone 48%SC	Controls broad leaf weeds in the crops broad leaf (Farmers in some governrates planted broad leaf crops)	5
05-03-00058	Terbutryn WP	Controls legume weeds especially lentils (farmers in some governorates planted legumes)	5
05-03-00059	Chloridazon DF	For pre and post emergence control of weeds in Sugar beet . (farmers in some governorates planted Sugar beet)	20
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
05-03-00061	Metribuzin 70 EP	Controls narrow leaf weeds on potato,tomato (the farmers planted tomatoand potato in most governorates)	10
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
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

05-03-00064	Atrazine 50% WP	Controls narrow weeds on corn (the farmers planted corn in most governorates)	10
05-03-00065	Clodina fop propargyl 10%EC	Controls narrow leaf weeds on wheat (the farmers planted wheat in most governorates)	30
05-03-00066	Fenoxaprop -p-ethyl 7.5% EW	Controls narrow leaf weeds on wheat (the farmers planted wheat in most governorates)	30
05-03-00067	Clyphosate iso-propyl ammonium36% (Round up altra)	Controls many annuals and perennial grasses and broad leaf weeds plus many tree and woody brush species in cropland and non crop sites .	40
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
05-03-00069	Haloxifop-R- methyl ester 10.8%EC	Control weeds on legumes , vegetables ,onion (the farmers planted legumes and vegetabges in most governorates)	25
05-03-00070	Prometrin	To control potato and legumes weeds (the farmers planted potato and legumes in most governorates)	30
05-03-00071	Paraquat 20%SL	Control of weeds in potato , fruit orchards .(the farmers planted potato and fruit trees in most governorates)	20
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

**D-BEE KEEPING
REQUIERMENT**

Code	Item Description	Intended use (targeted and user)	Qty (mt)
05-03-00073	Amitraz	Treatment of bee varroa mite	5
05-03-00074	Wax Foundation	Hives equipment	40
05-03-00075	Hand fram honey extractor	To be used by the bee keeper.	1000 Units
05-03-00076	Oxytetracycline 5.5%	Treatment to bee diseases	100 Kg
05-03-00077	Bayvarol	Treatment of bee varroa mite	400000 Stripes

**E-RAW MATERIAL FOR
LOCAL PRODUCTION OF
PESTICIDES**

Code	Item Description	Intended use (targeted and user)	Qty (mt)
05-03-00078	Propanil - 96 %	For production of rice herbicide .	320 MT
05-03-00079	Fenvalerate- 92 %	For production to control white fly , stem borer in maize , sping boll in cotton	30 MT
05-03-00080	Diazinon - 95 %	For production to control stem borer in maize	50 MT
05-03-00081	Glyphosate - iso propylammonium 62 %	To control annual grasses and weeds in fields and orchids	100 MT
05-03-00082	Isoferon	Raw material for pesticide production	130 MT
05-03-00083	XN 6	Raw material for pesticide production	70 MT
05-03-00038	XN 10	Raw material for pesticide production	30 MT
05-03-00039	Tensiofix - B7438	Raw material for pesticide production	6 MT
05-03-00040	Tensiofix - B7453	Raw material for pesticide production	8 MT

F-EQUIPMENT

Code	Item Description	Intended use (targeted and user)	Qty (mt)
05-03-00084	Fork lift (1-3 T)	For pesticides loading in the central and district ware houses	10

05-03-00085	Truck (3 - 10 T) capacity	For transportation of pesticide from the central warehouses to the district warehouses in the governorates	30
05-03-00086	Bus cars (30 - 40 seats)	For staff transportation in the plant protection	100
05-03-00087	Mini Bus (8 - 10 Seats)	For transportation of plant protection crew to the sites of spraying operations	100
05-03-00088	Fire fighting trucks	For emergency fire fighting in the central and district warehouses	20