

Approved uses of registered insecticides (Pesticide based)

Insecticide	Crop	Common name of the pest	Dosage / ha a.i (gm)	Formulation (gm/ml)	Spray fluid (Liter)
Acephate 75 SP	Cotton	Jassids	292	390	500-1000
		Boll Worms	584	780	500-1000
	Paddy	Stem Borer, Leaf Folder, Plant Hoppers, Green Leaf Hopper	500-750	666-1000	300-500
	Safflower	Aphids	584	780	500-1000
Acephate 95 SG	Paddy	Yellow stem borer, Leaf Folder, Brown Plant Hopper	562.5	592	500
Acetamiprid 20 SP	Cabbage	Aphids	15	75	500-600
	Chilli	Thrips	10 to 20	50-100	500-600
	Cotton	Aphids, Jassids	10	50	500-600
		Whiteflies	20	100	500-600
	Okra	Aphids	15	75	500-600
Paddy	BPH	10 to 20	50-100	500-600	
Alphacypermethrin 10 EC	Cotton	Boll Worms	15-25	165-280	600-1000
		Boll Worms	25-30	250-300	500-1000
Azadirachtin 0.15 W/W	Cotton	White fly, Bollworm	–	2500 - 5000	500-1000
	Paddy	Thrips, Stem borer, Brown Plant hopper, Leaf folder	–	1500 - 2500	500
	Stored Grain	Red rust Flour beetle, Lesser grain borer, Paddy Weevil, Khapra beetle	3.35 gm	–	
	Tea	Red Spider mites	–	4000-5000	600
Azadirachtin 1 (10000 PPM)	Brinjal	Fruit and Shoot borer	–	1000-1500	500
	Tomato	Fruit borer	–	1000-1500	500
Azadirachtin 0.03	Cotton	Bollworm, Aphids	–	2500-5000	500
	Paddy	Leaf roller, Stem borer, BPH	–	2000	1000
Azadirachtin 0.03 (300 PPM)	Bengal Gram	Pod Borer	–	–	–
	Brinjal	Shoot & Fruit borer, beetles	–	2500-5000	500-1000

	Cabbage	Aphids, DBM, Cabbage worm, Cabbage looper	–	2500-5000	500-1000
	Cotton	Aphids, Jassids, White Flies, Bollworms	–	2500-5000	500-1000
	Jute	Semi looper, Hairy caterpillar	–	2500-5000	500-1000
	Okra	Fruit borer, White flies, Leaf Hopper	–	2500-5000	500-1000
	Red Gram	Pod Borer	–	2500-5000	500-1000
Azadirachtin 5 W/W	Bhendi	Leafhopper, whitefly, Aphid, Pod Borer	–	200	400
	Cauliflower	Spodoptera, Diamond back moth, Aphids	–	200	400
	Cotton	White Fly, Leaf Hoppers, H. armigera, Aphids	–	375	750
	Paddy	Brown Plant Hopper, Leaf Folder, Stem Borer	–	200	400
	Tea	Caterpillar, Pink mite Red Spider mites, Thrips	–	200	400
	Tobacco	Tobacco caterpillar, Aphids	–	200	400
	Tomato	Aphids, Whitefly, Fruit borer	–	200	400
Beta Cyfluthrin 2.45 SC	Cotton	Bollworm	12.5-18.75	–	500-1000
<i>Beauveria bassiana</i> 1.15 W.P.	Cotton	Bollworm	–	2000	400
	Paddy	Leaf folder	–	2.5kg/ha	750-850
<i>Beauveria bassiana</i> 1 WP	Chick pea	Pod borer	–	3 kg/ha	500
<i>Beauveria bassiana</i> 10 SC	Cabbage	DBM	1-1.5	–	500-750
Benfuracarb 3 GR	Paddy	Stem borer, Leaf folder, BPH	1000	33000	–
Bifenazate 50 WP	Rose	Two Spotted Mite	375	750	3000
Bifenazate 22.6 SC	Rose	Two Spotted Mite	120	500	2000
Bifenthrin 10 EC	Cotton	Bollworm, White Fly	80	800	500
	Paddy	Stem borer, leaf folder & Green leaf hopper	50	500	500
	Sugarcane	Termites	100	1000	500
Bifenthrin 8SC	Apple	Mites	60	7.5ml/lit	10 lit/tree
	Tea	Red Spider mite, Tea mosquito	40	500	400

		bug			
Buprofezin 25 SC	Cotton	White Fly Aphids, Jassids, Thrips	250	1000	500-750
	Chillies	Yellow Mite	75-150	300-600	500-750
	Grapes	Mealy bugs	250-375	1000-1500	500-1000
	Mango	Hoppers	-	1-2 ml/liter of water	5-15 liter per tree
	Paddy	BPH, GLH,WBPH	200	800	400-500
Buprofezin 70 DF	Okra	Jassids	200	286	500
Carbaryl 5 D.P.	Bhendi	Jassid	1000	20000	-
	Cabbage	Cabbage borer	600	20000	-
	Cauliflower	Cabbage borer	600	12000	-
	Cotton	Spotted bollworm , American bollworm, Pink Bollworm	1000	20000	-
	Paddy	Leaf roller/folder	1250	25000	-
		Brown plant hopper	1000	20000	-
	Sorghum	Earhead midge	1000	20000	-
Carbaryl 10 D.P.	Bhendi	Fruit borer, Jassids	2500	25000	-
	Cabbage	Diamond back moth, Army worm	2500	25000	-
	Cotton	Aphid, American bollworm, Stem weevil Thrips	2500	25000	-
	Paddy	Blue Jassid, Case worm	2500	25000	-
	Sesamum	Til leaf roller	2500	25000	-
	Sorghum	Aphids	2500	25000	-
		Earhead caterpillar	2000	20000	-
	Tur	Plume moth, Pod fly	2000	20000	-
Carbaryl 4 G.R.	Maize	Stem borer	250	6250	-
Carbaryl 50 WP	Bhendi	Fruit Borer	1000	2000	500-1000
	Brinjal	Fruit Borer, Jassids	1000	2000	500-1000
	Cabbage	Cabbage Borer	800	1600	500-1000
	Cauliflower	Cabbage borer	800	1600	500-1000
	Chillies	Thrips	1000	2000	500-1000
	Cotton	Aphids, Jassids, Thrips, Leaf	1000	2000	500-1000

Roller, Spotted Bollworm, Pink

		Bollworm, American Bollworm			
	Jute	Semi Looper	1000	2000	500
	Maize	Shoot fly	750	1500	500-1000
		Stem Borer	700	1400	500-1000
	Paddy	Brown Plant Hopper, Stem Borer	1000	2000	500-1000
		Green Leaf Hopper	750	1500	500-1000
	Sorghum	Hoppers, Aphids, Stem Borer	1000	2000	500-1000
		Shoot fly	750	1500	500-1000
	Tomato	Fruit Borer	1000	2000	500-1000
	Wheat	Army worm	1000	2000	500
Carbaryl 85 W.P.	Cotton	Pink bollworm, Spotted bollworm, Thrips, White fly	1200	1411	500-1000
	Maize	Stem borer	1500	1764	500-1000
	Paddy	Green leaf hopper, Jassid	500	588	500-1000
Carbofuran 3 CG	Apple	Woolly aphid	5/tree	166/tree	-
	Bajra	Shoot fly	1500	50000	-
	Banana	Rhizome weevil	1 g/ suckers	33g/sucker	-
		Aphid	50g/suckers	166g/sucker	-
		Nematode	1.5g/suckers	50g/suckers	-
	Barley	Aphid	1000	33300	-
		Jassid	1250	41600	-
		Cyst nematode	1000	33300	-
	Bhendi	Jassids	1000	33300	-
	Brinjal	Root knot nematode	2000	66600	-
		Reniform nematode	2000	66600	-
	Cabbage	Nematode	1000	50000	-
	Chillies	Aphid, Thrips	1000	33300	-
	Citrus	Nematode	360	12000	-
		Leaf miner	1500	50000	-
	French bean	White grub	700	23300	-
		White grubs	750	23300	-
Grey & Stem weevil		1000	33300	-	

	Groundnut	Pod borer	1500	50000	-
		White grub	1000	33300	-
	Jute	Nematodes	1000	33300	-
	Maize	Stem borer	1000	33000	-
		Shoot fly	1000	33000	-
		Thrips	1000	33000	-
	Mandarins	Soft greens scale	0.4g/plant	13.3g/plant	-
	Mustard	Mustard leaf miner	2000	66600	-
		White fly	1000	33300	-
	Paddy	Brown plant hopper Gall midge, Stem borer, GLH, Hispa	750	25000	-
		Nematodes	1500	50000	-
	Pea	Shoot fly & Aphid	1000	-	-
	Peach	Leaf curl aphid	1000	33300	-
	Potato	Aphid	500	16600	-
		Jassids	1000	33300	-
	Sorghum	Shoot fly	1000	33300	-
		Stem borer	250	8300	-
	Soybean	Root knot nematode	1500	50000	-
	Sugarcane	Top borer	2000	66600	-
	Tea	Cock chafer grub	0.3g/plant	33.10g/plant	-
Tomato	White fly	1200	40000	-	
Wheat	Ear cockle nematode	3000	10000	-	
	Cereal cyst nematode	2000	66600	-	
Carbosulfan 6 G	Paddy	Stem borer,Gall midge,Green leaf hopper,Leaf folder	1000	16700	-
Carbosulfan 25 EC	Chilli	Leaf folder	200-250	800-1000	500-1000
		White aphid	200-250	800-1000	500-1000
	Paddy	Green leaf hopper,White plant hopper ,Brown plant hopper,Gall midge,Stem borer	200-250	800-1000	500-1000
Carbosulfan 25 DS	Cotton	Jassid, Aphids and Thrips	15 gm/kg seed	60gm/kg seed	Not required
Cartap Hydrochloride 4 G	Paddy	Stem borer,	750	18750	-

		Leaf folder,	750-1000	18750-25000	–	
		Whorl Maggot	750-1000	18750-25000	–	
Cartap Hydrochloride 50 SP	Paddy	Stem borer, Leaf folder	500	1000	500 – 1000	
Cartap Hydrochloride 75 SG	Paddy	Yellow Stem borer, Leaf folder	318.75-375	425-500	250-500	
Chlorantraniliprole 18.5 SC	Bengal gram	Pod borers	25	125	500	
	Bitter gourd	Fruit borers & Caterpillars	20-25	100-125	500	
	Black gram	Pod borers	20	100	500	
	Brinjal	Shoot & Fruit borer	40	200	500-750	
	Cabbage	Diamond back moth	10	50	500	
	Chilli	Fruit borer	30	150	500	
	Cotton	American bollworm, Tobacco caterpillar, Spotted bollworm	30	150	500	
	Okra	Fruit Borer	25	125	500	
	Pigeon pea	Pod borer	30	150	500-750	
	Paddy	Stem borer and leaf folder	30	150	500	
	Soybean	Green Semi looper, Stem fly, Girdle beetle	30	150	500-750	
	Sugarcane	Termite		100-125	500-625	1000
		Early shoot borer		75	375	1000
		Top borer		75	375	1000
Tomato	Fruit borer	30	150	500		
Chlorantraniliprole 0.4 GR	Paddy	Yellow Stem borer, Leaf folder	40	10 000	–	
	Sugarcane	Early shoot borer, top borer	75	18.75	–	
Chlorfenapyr 10 SC	Cabbage	Diamond back moth	75-100	750-1000	500	
	Chilli	Mites	75-100	750-1000	500	
Chlorfluazuron 5.4 EC	Cabbage	Diamond back moth, Tobacco leaf eating caterpillar	75	1500	500	
	Cotton	American bollworm, Tobacco leaf eating caterpillar	75-100	1500-2000	500	
Chlorpyrifos 10 G	Paddy	Stem borer, Leaf Roller, Gall midge	1000	10000	–	
Chlorpyrifos 20 EC	Apple	Aphid	0.0005	3750-5000	1500-2000	
	Beans	Pod borer , Black bug	600	3000	500-1000	

	Ber	Leaf hopper	0.0003	2250-3000	1500-2000
	Brinjal	Shoot & fruit borer	200	1000	500-1000
	Cabbage	Diamond back moth	400	2000	500-1000
	Citrus	Black citrus, Aphid	0.0002	1500-2000	1500-2000
	Cotton	Aphid, Bollworm, White fly	250	1250	500-1000
		Cut worm	750	3750	-
	Gram	Cut worm	500	2500	500-1000
	Ground nut	Aphid	200	1000	500-1000
		Root grub	225	1125	500-1000
	Mustard	Aphid	100	500	500-1000
	Onion	Root grub	1000	5000	500-1000
	Paddy	Hispa	250	1250	500-1000
		Leaf roller	375	1875	500-1000
		Gall midge, Stem borer	250	1250	500-1000
		Whorl maggot	250	1250	500-1000
	Sugarcane	Black bug	150	750	500-1000
		Early shoot & stalk borer	250-300	1250-1500	500-1000
		Pyrilla	300	1500	500-1000
	Tobacco	Ground beetle	350	1750	500-1000
Chlorpyrifos 50 EC	Cotton	Bollworms	500-600	1000-1200	500-1000
	Paddy	Stem borer, Leaf roller	375-400	750-800	500-1000
Chlorpyrifos 1.5 DP	Bengal gram	Helicoverpa armigera	375	25000	-
	Paddy	Stem borer, Green leaf hopper, Brown plant hopper, Leaf folder, Gall midge, Grass hopper.	375	25000	-
Chromafenozide 80 WP	Paddy	Leaf folder, Stem borer	75-100	94-125	500
Clothianidin 50 WDG	Paddy	Brown plant hopper	10 to 12	20-24	500
	Cotton	Jassids	15-20	30-40	500
		White fly	20-25	40-50	500
	Cotton (Soil drench)	Jassids, Aphids, Thrips & White Fly	100-125	200-250	1000
Sugarcane (Soil drench)	Termite	125	250	1000	

	Tea	Mosquito Bug	60	120	500
Cyantranilprole 10.26 OD	Grapes	Thrips- Scirtothrips dorsalis, Flea beetle- Scelodonta strigicollis	70	700	1000
	Cabbage	Cabbage Aphid- Brevicoryne brassicae, Mustard Aphid- Lipaphis erysimi, Diamond back moth- Plutella xylostella, Tobacco caterpillar- Spodoptera litura	60	600	500
	Chilli	Thrips- Scirtothrips dorsalis, Fruit borer- Helicoverpa armigera, Tobacco caterpillar- Spodoptera litura	60	600	500
	Gherkins	Leaf miner – Liriomyza trifolii, Red pumpkin beetle - Aulacophora foveicollis, Aphids- Aphis gossypii, Thrips- Thrips palmi, White fly Bemisia tabaci, Pumpkin caterpillar – Diaphania indica, Fruit fly- Bactrocera cucurbitae	90	900	500
	Pomegranate	Thrips – Scirtothrips dorsalis, Pomegranate butterfly- Deudorix isocrates	75 (0.0075)	750 (0.075)	1000
		Whitefly- Siphoninus phillyreae, Aphids- Aphis punicae	90 (0.009)	900 (0.09)	–
	Tomato	Leaf miner – Liriomyza trifolii, Aphids – Aphis gossypii, Thrips- Thrips tabaci, White fly – Bemisia tabaci, Fruit borer – Helicoverpa armigera	90	900	500
Cypermethrin 0.25 DP	Brinjal	Fruit & shoot borer	50-60	20000-24000	–
Cypermethrin 10 EC	Brinjal	Fruit & shoot borer	50-70	550-760	150-400
	Cabbage	Diamond backmoth	60-70	650-760	100-400
	Cotton	Spotted bollworm, American bollworm, Pink bollworm	50-70	550-760	150-1000

	Okra	Fruit borer	50-70	550-760	150-400	
	Sunflower	Bihar hairy caterpillar	60-70	650-760	500-700	
	Wheat	Shoot fly	50	550	500-800	
Cypermethrin 25 EC	Cotton	Bollworms	40-70	160-280	400-800	
		Jassids, Thrips	20-30	80-120	200-300	
	Bhendi	Shoot & fruit borer, Jassids	37-50	150-200	500	
	Brinjal	Shoot & fruit borer, Jassids, Epilachna grub	37-50	150-200	500	
Deltamethrin 11 W/W EC	Cotton	Bollworms	12.5	125	400-600	
	Paddy	Stem borer, Leaf folder, Green leaf hopper, Whorl maggot	15	150	500	
Deltamethrin 25 Tablet	Cotton	Bollworms	12.5	50	400-600	
Deltamethrin 1.8 EC	Cotton	Bollworms	12.5	781	400-600	
		sucking insects	10	625	400-600	
	Paddy	Stem borer, Leaf folder	10 – 12.5	625 -780	500	
Deltamethrin 2.5 WP	Bhendi	Shoot & fruit borer	10-15	400-600	400-600	
		Jassid	10	400	400-600	
	Brinjal	Shoot & Fruit Borer	10-12.5	400-500	500	
	Chilli	Fruit borer	10-12.5	400-500	400-600	
	Cotton	Bollworm,	12.5	500	400-600	
		Sucking Insects	10	400	400-600	
	Groundnut	Leaf miner	12.5	500	400-600	
	Mango	Hoppers	0.03-0.05	0.33 to 0.5ml/lit	As per spray field requirement	
	Public health	Mosquito	625-1250	25000- 50000	–	
	Red Gram	Pod Borer & Pod Fly	12.5	500	500	
	Tea	Thrips, Caterpillar	Leaf roller	3 to 4	120-150	400-600
			Lopper	2.5-3.75	100-150	400-600
		Walls, ceilings floors of godowns	Paddy weevil, Khapra beetle, Red flour beetle, Saw toothed grain beetle, Paddy moth, Almond moth	30	1200	1.5-2.5 litre /50m ²
Wheat & Paddy	Paddy weevil, Khapra beetle, Red	30	1200	1 litre/30 m ²		

	(Grain & seed in stacks)	flour beetle, Saw toothed grain beetle, Paddy moth, Almond moth				
Dichlorvos 76 EC	Cashew	Apple borer	0.0005	940-1253	1500-2000	
	Castor	Hairy caterpillar	625	783	500-1000	
	Cucurbit	Red pumpkin beetle	500	627	500-1000	
	Groundnut	Red hairy caterpillar	375-750	470-940	500-1000	
	Mustard	Painted bug	500	627	500-1000	
	Paddy	BPH		375	470	500-1000
		Cut worm/ Army worm, Leaf roller/ folder		500	627	500-1000
	Soybean	Leaf eating caterpillar	225-300	282-376	500-1000	
	Sunflower	Caterpillar		500	627	500-1000
		Cabbage looper		500	627	500-1000
Semi looper			500	627	500-1000	
Wheat	Caterpillar	500	627	500-1000		
Dicofol 18.5 EC	Tea	Red spider mite, Scarlet mite , Pink mite, Purple mite, Yellow mite	230	1250	250	
	Okra	Red Spider mite	250-500	1350-2700	500-1000	
	Bottle & Bitter gourd	Red Spider mite	250-500	1350-2700	500-1000	
	Brinjal	Yellow mite	500-1000	2700-5400	500-1000	
	Citrus	Red Spider mite	0.0005	2700-4050	1000-5000	
	Cotton	Red Spider mite	500-1000	2700-5400	500-1000	
	Litchi	Red Spider mite	0.0005	2700-4050	1000-5000	
Diafenthiuron 50WP	Brinjal	Whitefly	300	600	500-750	
	Cabbage	Diamond Back Moth	300	600	500-750	
	Cardamom	Thrips, Capsule borer	400	800	1000	
	Chilli	Mites	300	600	500-750	
	Cotton	Whiteflies, Aphids, Thrips, Jassids	300	600	500-1000	
Diflubenzuron 25 WP	Cotton	Tobacco Caterpillar	75-87.5	300-350	500-1000	
		Bollworms	75	300	500-1000	
Dimethoate 30 EC	Apple	Stem borer	0.0003	1485-1980	1500-2000	
	Apricot	Aphid	0.0003	1485-1980	1500-2000	

	Bajra	Milky weed bug	180-200	594-660	500-1000
	Banana	Aphid, Lace wing bug	0.0003	1485-1980	1500-2000
	Bhendi	Aphid	700	2310	500-1000
		Leaf hopper, Jassid	600	1980	500-1000
	Brinjal	Shoot borer	200	660	500-1000
	Cabbage & Cauliflower	Aphid , Painted bug, Mustard aphid	200	660	500-1000
	Castor	Jassids, Mites	250	825	500-1000
		Semi looper	350	1155	500-1000
	Chillies	Mite	300	990	500-1000
	Citrus	Black citrus aphid	0.0003	1485-1980	1500-2000
	Fig	Fig jassid	0.0003	1485-1980	1500-2000
		Mealy bug	0.0003	2475-3300	1500-2000
	Maize	Stem borer	200	660	500-1000
		Shoot fly	350	1155	500-1000
	Mango	Hopper	0.0005	2475-3300	1500-2000
	Mustard	Leaf minor, Aphid , Sawfly	200	660	500-1000
	Onion	Thrips	200	660	500-1000
	Potato	Thrips	200	660	500-1000
	Safflower	Aphid	200	660	500-1000
	Sorghum	Midge	500	1650	500-1000
	Tomato	Aphids	200	660	500-1000
		White fly	300	990	500-1000
Dinotefuran 20 SG	Cotton	White Fly, Jassids, Aphids & Thrips	25-30	125-150	500
	Paddy	Brown plant hopper	30-40	150-200	500
Emamectin Benzoate 5 SG	Brinjal	Fruit and Shoot borer	10	200	500
	Cabbage	DBM	7.5-10	150-200	500
	Chickpea	Pod borer	11	220	500
	Chilli	Fruit borer, Thrips & Mites	10	200	500
	Cotton	Boll worms	9.5-11.0	190-220	500
	Grapes	Thrips	11	220	500-1000

	Okra	Fruit & Shoot Borer	6.75-8.5	135-170	500
	Red gram	Pod borer	11	220	500-750
Emamectin Benzoate 1.9 EC	Cotton	Boll worms	11	580	500
Ethion 50 EC	Tea	Red spider mites, purple mites & yellow mite, thrips & scale	250	500	500-1000
	Chilli	Mites & thrips	750-1000	1500-2000	500-1000
	Cotton	White fly,	750-1000	1500-2000	500-1000
		Bollworms	1000	2000	500-1000
	Gram	Pod borer	500-750	1000-1500	500-1000
	Pigeon pea	Pod borer	500-750	1000-1500	500-1000
	Soybean	Girdle beetle & stem fly	750	1500	500-1000
Ethofenprox 10EC	Paddy	BPH, Stem borer, Leaf folder ,Gall midge, Whorl maggot, GLH, WBPH	50-75	500-750	500
Etoxazole 10 SC	Brinjal	Red Spider Mite	40	400	400-500
	Tea	Red Spider Mite	40	400	400
Fenazaquin 10 EC	Apple	Red spider mite and two spotted mite	40	400	1000
	Brinjal	Red spider mite	125	1250	500
	Chilli	Yellow mite	125	1250	400-600
	Okra	Red spider mite	125	1250	500
	Tea	Red spider mite, Pink Mite, Purple mite	100	1000	400-600
		Scarlet mite	125	1250	400-600
Tomato	Two spotted spider mite	125	1250	500	
Fenobucarb (BPMC) 50 EC	Paddy	Brown Plant Hopper, Green Leaf Hopper	250-750	500-1500	500
Fenpropathrin 10 EC	Cotton	Pink boll worm, Spotted boll worm , American boll worm	75-100	750-1000	750-1000
Fenpropathrin 30 EC	Brinjal	Whitefly, Shoot and Fruit borer, Mites	75-100	250-340	750-1000
	Chilli	Thrips, Whitefly, Mites	75-100	250-340	750-1000
	Cotton	Pink boll worm, Spotted boll worm ,	75-100	250-340	750-1000

		American boll worm, whitefly			
	Okra	Whitefly, Shoot and Fruit borer, Mites	75-100	250-340	750-1000
	Paddy	Yellow Stem borer, Leaf folder	100	333	500
	Tea	Mites	50-60	165-200	400-500
Fenpyroximate 5 EC	Chilli	Yellow mite	15-30	300-600	300-500
	Coconut	Eriophyde mite	0.5gm/tree (Root feeding) 0.056 – 0.075gm/tree	10ml/lit 0.75 – 1ml/ lit.	As required
	Tea	Red spider mite, Pink Mite, Purple mite	15-30	300-600	400-500
Fenvalerate 20 EC	Brinjal	Shoot & fruit borer, Aphids	75-100	375-500	600-800
	Cauliflower	Diamond back moth , American boll worm, Aphids, Jassids	60-75	300-375	600-750
	Cotton	Boll worm	75-100	375-500	700-900
		Aphids, Jassids, Thrips	25-40	125-200	250-400
Okra	Shoot & fruit borer, Jassids	60-75	300-375	600-750	
Fenvalerate 2 Conc.	Cotton	Spotted & Spiny, Pink American/Egyptian boll worm	80-100	4000-5000	–
Fenvalerate 0.4 DP	Cotton	Spotted bollworm ,Pink bollworm	80-100	20000-25000	–
Fipronil 5 SC	Cabbage	Diamond back moth	40-50	800-1000	500
	Chillies	Thrips, Aphids, Fruit borers	40-50	800-1000	500
	Cotton	Aphid, Jassid, Thrips, White fly	75-100	1500-2000	500
		Boll worms	100	2000	500
	Paddy	Stem borer, Brown plant hopper, Green leaf hopper, Paddy leaf hopper, Paddy gall midge, Whorl maggot, White backed plant hopper	50-75	1000-1500	500
Sugarcane	Early shoot borer & root borer	75-100	1500-2000	500	
Fipronil 0.3 GR	Paddy	Stem borer, Brown plant hopper, Green leaf hopper Paddy leaf	50-75	16670- 25000	–

hopper, Paddy gall midge, Whorl

		maggot, White backed plant hopper			
	Sugarcane	Early shoot borer, Root borer	75-100	25000- 33300	_
Fipronil 80WG	Grapes	Thrips	40-50	50-62.5	750-1000
	Paddy	Stem borer, Leaf folder	40-50	50 – 62.5	375 -500
Flonicamid 50 WG	Cotton	Aphids, Jassids, Thrips & Whiteflies	75	150	500
	Paddy	Brown plant hopper, white backed plant hopper, Green leaf hopper	75	150	500
Flubendiamide 20 WG	Cabbage	Diamond back moth	18.24	37.5-50	375-500
	Cotton	American bollworm	50	250	500
	Paddy	Stem borer, Leaf borer	25	125	500
	Tomato	Fruit borer	48	100	375-500
Flubendiamide 39.35 M/M SC	Paddy	Stem borer, Leaf folder	24	50	375-500
	Black gram	Fruit borer	48	100	500
	Cabbage	Diamond moth back	18.24	37.5-50	375-500
	Chilli	Fruit borer	48-60	100-125	500
	Cotton	Bollworms (American & Spotted bollworm)	48-60	100-125	375-500
	Pigeon pea	Pod borer	48	100	500
	Tomato	Fruit borer	48	100	375-500
Flufenoxuron 10 DC	Rose	Mites	50	500	500-1000
Flumite 20 SC / Flufenzine 20SC	Brinjal	Mite	80-100	400-500	500-1000
	Tea	Pink mite, Purple mite	80-100	400-500	500-1000
	Tea	Red spider	100-120	500-600	500-1000
Fluvalinate 25 EC	Cotton	Aphids, Jassids, Red cotton bug, Bollworm	50-100	200-400	500-1000
Hexythiazox 5.45 W/W EC	Apple	European Red Mite	0.00002	0.0004	10ltr./tree
	Chilli	Yellow mites	15-25	300-500	625/ha
	Tea	Scarlet mite, Red spider mite	15-25	300-500	400/ha
Imidaclopride 70 WG	Cotton	Jassids, Aphids, Thrips	21 – 24.5	30 – 35	375 – 500
	Cucumber	Aphids & Jassids	24.5	35	500
	Okra	Jassids, Aphids, Thrips	21 – 24.5	30 – 35	375 – 500

	Paddy	Brown Plant Hoppers, White Backed Plant , Hoppers	21 – 24.5	30 – 35	300 – 375
Imidacloprid 48 FS per 100 kg seed	Cotton	Aphids,Whitefly, Jassids, Thrips	300 – 540	500 – 900	–
	Okra	Jassid, Aphid	300 – 540	500– 900	–
	Pearl millet	Shoot fly and termites	720	1200	–
	Sorghum	Shoot fly	720	1200	–
	Soybean	Jassids	75	125	–
	Sunflower	Jassid,Whitefly	300 – 540	500 – 900	–
Imidacloprid 70 WS per 100 kg seed	Chillies	Jassid, Aphid, Thrips	700 – 1050	1000 – 1500	–
	Cotton	Aphids, Whitefly, Jassids, Thrips	350 – 700	500 – 1000	–
	Mustard	Mustard sawfly & painted bug	490	700	–
	Okra	Jassid, Aphid	350 – 700	500 – 1000	–
	Pearl millet	Termites and shoot fly	700	1000	–
	Sorghum	Shoot fly	700	1000	–
	Sugarcane	Termite	70 – 105	100 – 150	–
	Sunflower	Jassid, Whitefly	490	700	–
Imidacloprid 30.5 M/M SC	Cotton	Aphid, Jassids, Thrips	21-26.25	60-75	500 – 750
	Paddy	Brown plant hopper,White backed plant hopper	21-26.25	60-75	500-750
Imidacloprid 17.8 SL	Chilly	Jassid, Aphid, Thrips	25 – 50	125-250	500-700
	Citrus	Leaf miner, psylla	10	50	Depending on size of tree & Protection equipment used
	Cotton	Aphid, Whitefly, Jassid Thrips	20 – 25	100 – 125	500 – 700
	Grapes	Flea beetle	0.06-0.08	300-400	1000
	Groundnut	Aphid , Jassid	20-25	100-125	500
	Mango	Hopper	0.4 – 0.8 g/tree	2-4 ml/tree	10 litre
	Okra	Aphid, Jassid, Thrips	20	100	500
	Paddy	BPH, WBPH, GLH	20 – 25	100 – 125	500 – 700
	Sugarcane	Termite	70	350	1875
	Sunflower	Jassid, Thrips, Whitefly	20	100	500
	Tomato	Whitefly	30-35	150-175	500

Imidacloprid 0.3 GR	Paddy	Stem borer	0.045	15.0 kg	_
Indoxacarb 14.5 SC	Cabbage	Diamond back moth	30-40	200-266	400-750
	Chillies	Fruit borer	50-60	333-400	300-600
	Cotton	Bollworm	75	500	600-1000
	Paddy	Leaf folder, Piller, Green semilooper, stem fly	30	200	500
	Pigeonpea	Pod borer complex	50	333	500-700
	Tomato	Fruit borer	60-75	400-500	300-600
Indoxacarb 15.8 EC	Cotton	Bollworm	75	500	500-1000
	Cabbage	Diamond back moth	40	266	500-1000
	Paddy	Leaf folder, Piller, Green semi looper, stem fly	30	200	500
	Pigeonpea	Pod borer complex	50-60	353-400	500-1000
	Soybean	Tobacco caterpillar, Green semilooper, stem fly	30	333	500
Lambda-Cyhalothrin 4.9 CS	Brinjal	Shoot & fruit borer	15	300	500
	Chilli	Thrips & pod borer	25	500	500
	Cotton	Bollworms	25	500	500
	Grapes	Thrips & Flea beetle	12.5	250	500-1000
	Okra	Fruit borer	15	300	500
	Paddy	Stem borer, Leaf folder	12.5	250	500
	Soybean	Stemfly & Semilooper	15	300	500
	Tomato	Furit borer	15	300	500
Lambda-Cyhalothrin 2.5 EC	Cotton	Bollworms, Jassids, Thrips	15-25	600-1000	400-600
	Paddy	Leaf folder, Stem borer, GLH, Gall midge, Hispa, Thrips	12.5	500	400-600
Lambda-Cyhalothrin 5 EC	Bhendi	Jassids , shoot borer	15	300	300-400
	Brinjal	Shoot & fruit borer	15	300	400-600
	Cotton	Bollworms, Jassids, Thrips	15-25	300-500	400-600
	Chickpea	Pod borer	25	500	300-400
	Chilli	Thrips , mite, pod borer	15	300	400-600
	Groundnut	Thrips, leaf Hopper, leaf miner	10 to 15	200-300	400-500
	Mango	Hoppers	0.0025- 0.005	0.5-1.0 ml/l of	_

				water	
	Onion	Thrips	15	300	300-400
	Paddy	Leaf folder, stem Borer, GLH, Gall Midge, Hispa,Thrips	12.5	250	400-600
	Pigeon pea	Pod borer, pod fly	20-25	400-500	400-600
	Tomato	Fruit borer	15	300	400-600
Lufenuron 5.4 EC	Black gram	Pod borer	30	600	500
	Cabbage	Diamond backmoth	30	600	500
	Cauliflower	Diamond backmoth	30	600	500
	Chilli	Fruit borer	30	600	500
	Cotton	American bollworm	30	600	500-750
	Pigeon pea	Pod borer, podfly	30	600	500-1000
Malathion 5 DP	Paddy	Paddy Hispa	1250	25000	-
	Sorghum	Earhead midge	1000	20000	-
Malathion 50 EC	Apple	Sanjose scale, Wooly aphid	0.0005	1500-2000	1500-2000
	Bhendi	Aphid	500	1000	500-1000
		Jassids,	625	1250	500-1000
		Spotted Boll Worm	750	1500	500-1000
	Brinjal	Mites	750	1500	500-1000
	Cabbage	Mustard aphid	750	1500	500-1000
	Castor	Jassids	750	1500	500-1000
		Semi looper	1000	2000	500-1000
	Cauliflower	Head borer	750	1500	500-1000
	Grape	Beetle	500	1000	1500-2000
	Mango	Mealy scale, Mango hooper	0.00075	2250-3000	1500-2000
	Paddy	Paddy Hispa	575	1150	500-1000
	Pea	Pod borer	750	1500	500-1000
	Radish	Stem borer	750	1500	500-1000
	Sorghum	Earhead midge	500	1000	500-1000
	Soybean	Leaf weevil	750	1500	500-1000
	Sunflower	White fly	500	1000	500-1000
Tomato	White fly	750	1500	500-1000	

	Turnip	Tobacco caterpillar	600	1200	500-1000
Metaflumizone 22 SC	Cabbage	Diamond back moth	165-220	750-1000	500
Methomyl 40 SP	Chilli	Pod borers & Thrips	300-400	750-1125	500-1000
	Cotton	Bollworm	300-450	750-1125	500-1000
	Grapes	Mealy bug	500	1250	500-1000
	Groundnut	Spodoptera litura	300-350	750-850	500
	Pigeon Pea	Pod borers	300-450	750-1125	500-1000
	Tomato	Pod borers	300-450	750-1125	500-1000
	Methyl Parathion 2 DP	Black gram	Pod borer	500	25000
Cotton		Aphid	300	15000	-
		Leaf hopper, Thrips	500	25000	-
Green gram		Pod borer	500	25000	-
Mustard		Sawfly, Aphids	300	15000	-
Paddy		Ear Head Caterpillar, Leaf roller , Ear head bug	500	25000	-
Methyl Parathion 50 EC	Cotton	Aphid	500	1000	500-1000
		Leaf hopper	250	500	500-1000
		Thrips	500	1000	500-1000
	Paddy	Gall midge	750	1500	500-1000
		Green leaf hopper	500	1000	500-1000
		Hispa, Leaf roller	250	500	500-1000
		Stem borer	400	800	500-1000
		Whorl maggot	500	1000	500-1000
	Wheat	Cutworm	300	600	500-1000
	Milbemectin 1 EC	Chilli	Yellow /white mite	3.25	325
Rose		Two spotted spider mite	4.5	450	1000
15 SG	Cotton	Aphids, Jassids, Thrips & Whiteflies	200	1333	500-1000
36 SL	Black gram	Pod borer	250	625	500-1000
	Cardamom	Thrips	375	937	500-1000
	Citrus	Black aphids	0.0004	1500-2000	500-2000
		Mite	0.00025	937-1250	500-2000

	Coconut	Black headed Caterpillar	3.5 -7gm per tree	8.75-17.5ml per tree	-
	Coffee	Green bug	625	1562	500-1000
	Cotton	Bollworms	450-800	1125-2250	500-1000
		Aphid, Leaf Hopper, Thrips	175	437	500-1000
		Grey weevil, White fly	500 150	1250 375	500-1000 500-1000
	Green gram	Pod borer	175	437	500-1000
	Maize	Shoot fly	250	625	500-1000
	Mango	Bug mite	0.0004	1500-2000	500-2000
		Gall maker Hopper, Mealy bug , Shoot borer	0.0004	1500-2000	500-2000
	Paddy	BPH, Yellow stem borer	500	1250	500-1000
		GLH, Leaf roller/folder	250	625	500-1000
	Pea	Leaf minor	400	1000	500-1000
	Red gram	Plume mouth, Pod fly	250	625	500-1000
		Pod borer	500	1250	500-1000
	Sugarcane	Shoot borer	600-800	1500-2250	500-1000
		Mealy bug, Scale Insect	600	1500	500-1000
		Pyrilla	200	500	500-1000
		Stalk borer	750	1875	500-1000
Novaluron 10 EC	Bengal gram	Pod borer	75	750	500
	Cabbage	Diamond back moth	75	750	500-1000
	Chilli	Fruit borer, Tobacco Caterpillar	33.5	375	500
	Cotton	American Bollworm	100	1000	500-1000
	Tomato	Fruit borer	75	750	500-1000
Novaluron 8.8 SC	Cotton	American boll worm, Tobacco caterpillar	100	1000	500-1000
Oxydemeton – Methyl 25 EC	Apple	Sanjose scale	0.0007	4200-5600	1500-2000
		Wooly Aphid	0.00025	1500-2000	1500-2000
	Banana	Tingyi bug	0.00025	1500-2000	1500-2000
		Aphids	0.0005	3000-4000	1500-2000
	Bhendi	White fly	250	1000	500-1000

		Jassid/ Leaf beetle	400	1600	500-1000
	Chilli	Aphid	400	1600	500-1000
		Mites	500	2000	500-1000
		Thrips	250	1000	500-1000
		Green bug	625	2500	500-1000
	Coffee	Leaf miner	1000	4000	500-1000
		Aphid, Jassid/ leaf hopper	300	1200	500-1000
	Ground nut	Aphid/ Leaf minor	250	1000	500-1000
	Maize	Shoot fly	250	1000	500-1000
	Mango	Hoppers	0.00025	1500-2000	1500-2000
	Mustard	Aphid	250	1000	500-1000
	Onion	Thrips	300	1200	500-1000
	Paddy	Blue leaf hopper	125	500	500-1000
		White leaf hopper	250	1000	500-1000
	Peaches	Leaf curl aphids	0.00025	1500-2000	1500-2000
	Potato	Aphids	250	1000	500-1000
	Sesamum	Leaf hopper	300	1200	500-1000
	Sorghum	Shoot fly	250	1000	500-1000
	Tobacco	White fly/Aphids	250	1000	500-1000
	Tomato	White fly	250	1000	500-1000
Permethrin 25 EC	Cotton	Bollworms,	100-125	400-500	500-1000
Phenthoate 2 DP	Sorghum	Red spider mite, Pink mite, Purple mite, Scarlet mite	400	20000	-
	Safflower	Aphid	400	20000	-
Phenthoate 50 EC	Ground nut	Leaf Webber	500	1000	500-1000
	Paddy	Paddy case worm	500	1000	500-1000
Phorate 10 CG	Apple	Woolly aphid	10- 15/ plant	100-150gm/ plant	-
	Bajra	Shoot fly	3000	30000	-
		White grub	2500	25000	-
	Banana	Aphid	2.5 -1.25/ plant	25 -12.5/ plant	-
Barley	Aphid	1000	10000	-	

	Black gram	Stem fly, White fly	1000	10000	–
	Brinjal	Aphid, Jassids, Lace wing bug, Red spider mite	1500	15000	–
		Thrips	1000	10000	–
	Cauliflower	Aphid	2000	20000	–
	Chillies	Aphid, Mite, Thrips	1000	10000	–
	Citrus	Leaf miner	1500	15000	–
	Cotton	Aphid, Jassids, Thrips, White fly	1000	10000	–
	Green gram	Stem fly	1000	10000	–
		Jassids	1500	15000	–
	Groundnut	Aphid, Leaf minor	1500	15000	–
		White grub	2500	25000	–
	Maize	Shoot fly	3000	30000	–
		Stem borer	1000	10000	–
	Mustard	Mustard aphid,	1000	10000	–
		Painted bug	1500	15000	–
	Paddy	Gall fly, Hispa, Leaf hopper, Plant hopper, Stem borer	1000	10000	–
		Root weevil	750	7500	–
	Pigeon pea	Jassids	1500	15000	–
		Stem fly	1000	10000	–
	Potato	Aphid	1000	10000	–
	Seasamum	Jassids, White fly	1000	10000	–
	Sorghum	Shoot fly, Aphids	1875	18750	–
		White grub	2500	25000	–
	Soybean	Stem fly	1500	15000	–
	Sugarcane	Top borer	3000	30000	–
		White grub	2500	25000	–
	Tomato	White fly	1500	15000	–
	Wheat	Shoot fly	1875	18750	–
Phosalone 35 EC	Barely	Aphid	500	1428	500-1000
	Brinjal	Fruit borer	500	1428	500-1000

	Cabbage	Aphid	500	1428	500-1000
	Jute	Red spider mite	350	1000	500-1000
	Sorghum	Ear head midge	400	1143	500-1000
	Tea	Aphid, Pink mite, Purple mite	360	1028	500-1000
	Tomato	Fruit borer	450	1285	500-1000
Phosalone 4 DP	Sorghum	Earhead midge,	1000	25000	–
Phosphamidon 40 SL	Brinjal	Jassid, Aphid, White fly	250-300	625-750	500
	Paddy	Stem borer, Leaf borer,	500	1250	500
		Green leaf hopper, Brown plant hopper, White backed plant hopper	350	875	500
Profenofos 50 EC	Cotton	Bollworm,	750-1000	1500-2000	500-1000
		Jassids, Aphids, Thrips, Whiteflies	500	1000	500-1000
	Soybean	Semi looper & Girdle beetle	500	1000	500
Propargite 57 EC	Tea	Red spider mite, Pink mite, Purple mite, Scarlet mite	430-612	750-1250	400
	Apple	European red Mite, Two spotted mite	2.85-5.7 /tree	5-10 ml/tree	10 lit/tree
	Brinjal	Two spotted spider mite	570	1000	400
	Chillies	Mite	850	1500	500-625
Pymetrozine 50 WG	Paddy	Brown Plant Hopper	150	300	500
Pyriproxyfen 10 EC	Cotton	Whitefly	100	1000	500
Pyridalyl 10 EC	Cabbage	Diamond back moth	50-75	500-750	500-750
	Cotton	Bollworms	75-100	750-1000	500-750
	Okra	Fruit & shoot borer	50-75	500-750	500-750
Quinalphos 25 GEL	Chillies	Aphid,	250	1000	500-1000
	Paddy	Brown plant Hopper, Leaf roller, Stem borer, Hispa	250	1000	500-1000
Quinalphos 5 G	Paddy	Gall midge, Stem borer	250	5000	–
	Sorghum	Stem borer	750	15000	–
Quinalphos 20 AF	Cotton	Bollworms, American bollworm, Pink Bollworm , Spotted bollworm	350-500	1750-2500	750-1000
	Groundnut	Spodoptera	250-375	1250-1775	750-1000

	Okra	Shoot/Fruit borer	250-300	1250-1500	750-1000
	Paddy	Brown plant hopper , Green leaf hopper, Leaf folder, Stem borer	250-300	1250-1500	750-1000
	Tea	Hopper caterpillar	0.0005	1000	400
	Tomato	Fruit borer	300-350	1500-1750	750-1000
	Tur	Pod borer	500	2500	750-1000
Quinalphos 25 EC	Apple	Wooly Aphid	0.0005	3000-4000	500-1000
	Banana	Tingid bug	0.0005	3000-4000	500-1000
	Bengal gram	Pod borer	250	1000	500-1000
	Bhendi	Fruit borer	200	800	500-1000
		Leaf hopper, Mite	250	1000	500-1000
	Black gram	Bihar hairy Caterpillar	375	1500	500-1000
	Cardamom	Thrips	0.0003	600-1200	500-1000
	Cauliflower	Stem borer	500	2000	500-1000
	Chillies	Aphid	250	1000	500-1000
		Mite	375	1500	500-1000
	Citrus	Scale	0.0007	4200-5600	500-1000
		Citrus butterfly	0.00025	1500-2000	500-1000
	French bean	Stem fly	250	1000	500-1000
	Groundnut	Leaf Hopper, Thrips	350	1400	500-1000
		Leaf miner	250	1000	500-1000
	Jute	Leaf roller,Semi looper, Yellow mite	375	1500	500-1000
	Mustard	Sawfly	300	1200	500-1000
	Paddy	Brown plant hopper,	375	1500	500-1000
		Hispa/bune beetle,	500	2000	500-1000
		Leaf roller,	250	1000	500-1000
Stem borer		325	1300	500-1000	
Pomegranate	Scales	0.0008	4800-6400	500-1000	
Red gram	Pod borer, Pod fly	350	1400	500-1000	
Sesamum	Leaf webber, Jassids	500	2000	500-1000	
Sorghum	Mite, Shoot fly	375	1500	500-1000	

	Soybean	Leaf weevil	250	1000	500-1000
	Tea	Thrips	190	760	500-1000
	Tomato	Fruit borer	250	1000	500-1000
	Wheat	Aphid	250	1000	500-1000
		Ear head Caterpillar , Mite	400	1600	500-1000
Quinalphos 1.5 DP	Chillies	Aphid	300	20000	-
	Cotton	Aphid, Jassids, Thrips,	300	20000	From square formation onwards
		Bollworm	450	30000	From square formation onwards
	French bean	Stem fly	300	20000	-
	Gram	Pod borer	350	23300	At pod formation
	Ground nut	Thrips, Jassids	350	23300	-
		Red hairy Caterpillar	375	25000	-
	Paddy	Brown plant hopper	300	20000	-
	Red gram	Pod borer	350	23300	-
	Safflower	Aphid	300	20000	-
	Sorghum	Earhead bug,	375	25000	At milk stage
		Earhead midge	400	26600	At milk stage
Soybean	Leaf weevil	250	16600	-	
Spinosad 45. SC	Cotton	American bollworm	75-100	165-220	500
	Chillies	Fruit borer, Thrips	73	160	500
	Red gram	Pod borer	56-73	125-162	800-1000
Spinosad 2.5 SC	Cabbage & Cauliflower	Diamond back moth	15.0-17.5	600-700	500
Spiromesifen 22.9 SC	Apple	European Red Mite & Red Spider mite	72(0.03)	300	1000
	Brinjal	Red spider mite	96	400	500
	Chilli	Chilli Yellow Mite	96	400	500 -750
	Cotton	White fly & mite	144	600	500

	Okra	Red spider mite	96-120	400-500	500
	Tea	Red Spider mite	96	400	400
	Tomato	Whiteflies & Mites	150	625	500
Thiaclopid 21.7 SC	Apple	Thrips	0.01- 0.012	0.04-0.05	As per size of tree
	Brinjal	Shoot & fruit borer	180	750	500
	Chilli	Thrips	54-72	225-300	500
	Cotton	Aphid, Thrips, Jassid	24 – 30	100 – 125	500
		Whitefly	120 – 144	500 – 600	500
	Paddy	Stem borer	120	500	500
	Soybean	Girdle beetle	180	750	500
Tea	Mosquito bug	90	375	400	
Thiodicarb 75 WP	Cabbage	Diamond back moth	750 to 1000	1000 to 1330	500
	Black gram	Pod borer	468-562	625-750	375-500
	Brinjal	Shoot & Fruit borer	470 to 750	625 to 1000	500
	Chilli	Fruit borer	470 to 750	626 to 1000	500
	Cotton	Bollworms	750	1000	500
	Pigeon Pea	Pod Borer	470-750	625-1000	500
Thiamethoxam 30 FS	Chilli	Thrips	2.1	7	–
	Cotton	Aphid, whiteflies, Jassids	3	10	–
	Maize	Stem Fly	2.4	8	–
	Okra	Jassids	1.7	5.7	–
	Sorghum	Shoot fly	3	10	–
	Soybean	Shoot fly	3	10	–
	Sunflower	Jassids, Thrips	3	10	–
	Wheat	Termites	1	3.3	–
Thiamethoxam 70 WS	Cotton	Aphid, Thrips, whiteflies, Jassids	300	430	–
	Okra	Aphids, Jassids	200	286	–
	Tomato	Aphids & Thrips	420	600	–
Thiamethoxam 25 WG	Brinjal	White flies	50	200	500
	Citrus	Psylla	25	100	1000
	Cotton	Jassid, Aphid, Thrips	25	100	500-750
White flies		50	200	500-750	

	Mango	Hoppers	25	100	1000
	Mustard	Aphid	12.5-25.0	50-100	500-1000
	Okra	Jassid, Aphid, White flies	25	100	500-1000
	Paddy	Stem borer, Gall midge, Leaf folder, WBPH, BPH, GLH, Thrips	25	100	500-750
	Potato	Aphids	–	–	–
	Potato	Foliar application	25	100	500
	Potato	Soil application	50	200	400-500
	Tea	Mosquito bug	25	100	400-500
	Tomato	White flies	50	200	500
	Wheat	Aphid	12.5	50	500
Thiometon 25EC	Brinjal	Aphid & Jassid, Fruit and Shoot borer	250	1000	750-1000
Tolfenpyrad 15 EC	Cabbage	Diamond Back moth, Aphids	150	1000	500
	Okra	Aphids, Jassids, Thrips and white fly	150	1000	500
Triazophos 20 EC	Paddy	Stem Borer, Leaf Folder, Hispa, Green leaf hopper, Brown plant hopper, White backed plant hopper	250-500	1250-2500	500
Triazophos 40 EC	Cotton	Bollworms (Pink and spotted), whitefly	600-800	1500-2000	500-1000
	Paddy	Stem Borer, Paddy Hispa, Leaf Folder, Green leaf hopper, Brown plant hopper, White backed plant hopper.	250-500	625-1250	500-1000
	Soybean	Stem borer, Girdle beetle, Leaf miners	250	625	500
Verticillium lecanii 1.15WP	Cotton	White flies	–	2500	500 litres of water
	Citrus	Mealy bug	–	2.5kg	500-550L
Bacillus thuringiensis Var. Galleriae	Bhendi	Fruit borer (<i>Earias</i> spp.)	–	1.0-1.5	500
	Cabbage & Cauliflower	Diamond back moth (<i>Plutella xylostella</i>)	–	0.6-1.0	500

	Chillies	Fruit borer (<i>Spodoptera litura</i>)	–	1.5-2.0	1000
	Cotton	Bollworm (<i>Heliothis armigera</i>)	–	2.0-2.5	1000
	Paddy	Leaf folder (<i>Cnaphalocrocis medinalis</i>)	–	1.0-3.0	1000
	Tomato	Fruit borer (<i>H. armigera</i>)	–	1.0-1.5	500
<i>Bacillus thuringiensis</i> Var. <i>Kurstaki</i> 5 WP	Cabbage	Diamond back moth	25.00-50.00	500-1000	500-1000
	Castor	Hairy caterpillar, <i>Ahea janata</i>	–	1.00 kg.	500-750
	Cotton	Bollworm	–	750-1000	750-1000
		American Bollworm	25.00-50.00	500-1000	500-1000
		Spotted Bollworm	37.50-50.00	750-100	500-1000
		Bollworms, <i>Spodoptera</i>	–	0.75-1.0 kg.	500-750
	Gram	<i>Heliothis</i>	–	0.75 kg.	500-750
	Paddy	Stem borer & Leaf folder	–	1.50 kg.	500-750
	Pigeon Pea	<i>Heliothis</i>	–	0.75 kg.	500-750
	Red gram	Pod Borer	50.00-62.50	1000-1250	500-1000
	Soybean	<i>Spodoptera</i> , <i>Heliothis</i> , <i>Spilosoma</i> , Semilooper, Leaf miner	–	0.75 kg.	500-750
	Teak	Defoliator (<i>Hyblaea pured</i>), Skeletonizer (<i>Eutectona machaeralis</i>)	–	0.25-0.50 Sol.	As required.
	Tobacco	<i>Spodoptera</i> , <i>Heliothis</i>	–	1.50-2.00 kg.	500-750
NPV of <i>Helicoverpa armigera</i> 0.43 AS	Cotton	<i>Helicoverpa armigera</i>	–	2700	400-600
	Tomato	<i>Helicoverpa armigera</i>	–	1500	400-600
NPV of <i>Helicoverpa armigera</i> 2.0 AS	Chick pea	Pod borer	–	250-500	500-750
	Gram	Pod borer (<i>Helicoverpa armigera</i>)	–	250-500 ml	500-750
	Pigeon pea	Pod borer	–	250-500	500-750
	Tomato	Fruit borer	–	250-500	500
NPV of <i>Helicoverpa armigera</i> 0.5 AS	Chick pea	Pod borer	–	250	500
NPV of <i>Spodoptera litura</i> 0.5 AS	Tobacco	<i>Spodoptera litura</i>	–	1500	400-600