

निवेदन

खरीप हंगाम २०१७ मध्ये कीटकनाशकांची हाताळणी करतांना राज्यात विशेषतः यवतमाळ व राज्यातील इतर जिल्ह्यांमध्ये शेतमजूर / शेतकरी यांचे विषबाधेमुळे जीवित हानी झालेली आहे. कीटकनाशकांची काळजीपूर्वक हाताळणी करण्यासाठी कृषि विभागाने जनजागृती मोहिम राबवून मोठ्या प्रमाणात प्रचार व प्रसिद्धी केलेली आहे. शेतमजूर / शेतकरी यांना भविष्यात कीटकनाशकांची फवारणी करतांना जीवितहानी पोहोचणार नाही यासाठी विशेष काळजी घेणे ही अत्यंत महत्वाची बाब बनली आहे. कीटकनाशक कायदा, १९६८ व कीटकनाशके नियम, १९७१ मधील तरतुदीनुसार राज्यामध्ये कीटकनाशके उत्पादन, साठवणुक, विक्रीसाठी प्रदर्शन करणे व विक्री करणे यासाठी कीटकनाशकांचे परवाने दिले जातात. केंद्रीय कीटकनाशक मंडळ व नोंदणी समिती (Central Insecticides Board & Registration Committee), फरिदाबाद या देश पातळीवरील सर्वोच्च यंत्रणेद्वारे नोंदणी झालेल्याच कीटकनाशकांना परवान्याद्वारे राज्यात उत्पादन, साठवणुक, विक्रीसाठी प्रदर्शन करणे व विक्री करणे यासाठी परवानगी दिली जाते. ही सर्वोच्च यंत्रणा, प्रत्येक कीटकनाशकांच्या नेमक्या किती तीव्रतेस एखाद्या विशिष्ट पिकावरील, विशिष्ट कीड / रोगाच्या नियंत्रणास योग्य ठरेल याच्या शिफारशी देखिल निश्चित करते.

कीटकनाशकांच्या फवारणीमुळे मृत्यु पावलेल्या शेतमजूर / शेतकरी प्रकरणांचा राज्य शासन व कृषि क्षेत्रातील तज्ञांमार्फत झालेल्या अभ्यासातून खालिल बाबी ठळकपणे निदर्शनास आलेल्या आहेत.

- ज्या पिकासाठी / कीडीसाठी शिफारस केलेली आहे त्यासाठी निश्चित केलेल्या कीटकनाशकां व्यतिरिक्त इतर शिफारस नसलेली कीटकनाशके विक्री व वापर.
- निश्चित / शिफारस केलेल्या प्रमाणापेक्षा जास्त तीव्रतेच्या कीटकनाशकांची विक्री व वापर.
- पिक संरक्षणा करिता शिफारस नसलेली कीटकनाशके विक्री व वापर.
- शिफारस नसलेल्या वेगवेगळ्या कीटकनाशकांची मिश्रणे विक्री व वापर.

या पार्श्वभूमीवर, राज्यातील सर्व शेतकरी बांधवांना आवाहन करण्यात येते की, सोबतच्या यादीतील केंद्रीय कीटकनाशक मंडळ व नोंदणी समिती (CIB & RC), फरिदाबाद यांनी शिफारस केलेल्या प्रमाणेच कीटकनाशकांचा वापर करावा. तसेच सर्व कीटकनाशके उत्पादक, वितरक व विक्रेत्यांना याद्वारे स्पष्ट निर्देश देण्यात येत आहेत की, शिफारशी नसलेल्या कीटकनाशकांची विक्री होणार नाही याची दक्षता घ्यावी. विक्रेत्यांनी त्यांच्या कार्यक्षेत्रातील पिक पद्धतीनुसार आवश्यक त्या पिकांची / कीड रोग नियंत्रणांचीच कीटकनाशके विक्री करावीत.

केंद्रीय कीटकनाशक मंडळ व नोंदणी समिती, फरिदाबाद यांनी पिकनिहाय शिफारस केलेल्या कीटकनाशकांचा तपशिल कृषि विभागाच्या <http://krishi.maharashtra.gov.in/> या वेबसाईटमधील निविष्टा मेनुतील कीटकनाशक या पर्याया अंतर्गत दिलेल्या 'सर्वसाधारण माहिती' मध्ये प्रसिद्ध करण्यात येत आहे.

कीटकनाशके फवारणीमुळे होणारी मनुष्य व प्राण्यांच्या जीवित हानीबरोबरच, शिफारस नसलेली कीटकनाशके व त्यांचा अयोग्य प्रमाणात वापर याचा पर्यावरण हानी बरोबरच मनुष्य व प्राण्यांच्या अन्न घटकांमध्ये कीटकनाशकांचे हानीकारक अंश सापडून आरोग्य समस्या देखिल निर्माण झालेल्या आहेत. यासाठी राज्य शासनामार्फत यापुढे जिल्हानिहाय / विभागांनिहाय पिक पद्धतीनुसारच केवळ नोंदणीकृत व शिफारस केलेल्याच कीटकनाशकांच्या विक्रीवर नियंत्रण आणण्यासाठीचे धोरण निश्चित करण्यात येत आहे. त्यासाठी या क्षेत्रातील सर्व नागरीकांकडून यावर सुचना / अभिप्राय मागविण्यात येत आहेत.

यासाठी आपल्या सुचना / अभिप्राय लिखित स्वरूपात मुख्य गुणवत्ता नियंत्रण अधिकारी, कृषि आयुक्तालय, महाराष्ट्र राज्य, सेंट्रल बिल्डिंग, पुणे - ४११००१ या पत्त्यावर किंवा cqcopest@gmail.com या e-mail ID वर पाठविण्याची विनंती आहे.

सोबत : पिकनिहाय पिकसंरक्षण शिफारशी


आयुक्त कृषि,

महाराष्ट्र राज्य, पुणे

Central Insecticides Board & Registration Committee, Faridabad

Insecticides - Crop wise recommendation for Cotton

Sr. No.	Insecticides	Crop	Common name of the pest
1	ACEPHATE 75% SP	Cotton	Jassids
		Cotton	Boll Worms
2	ACETAMIPRID 20% SP	Cotton	Aphids, Jassids
		Cotton	Whiteflies
3	ALPHACYPERMETHRIN 10% EC	Cotton	Boll Worms
		Cotton	Boll Worms
4	AZADIRACHTIN 0.15% W/W MIN. NEEM SEED KERNEL BASED E.C.	Cotton	White fly, Bollworm
5	AZADIRACHTIN 0.3% (3000 PPM) MIN. NEEM SEED KERNEL BASED E.C.	Cotton	American bollworm
6	AZADIRACHTIN 0.03% MIN. NEEM OIL BASED E.C. CONTAINING	Cotton	Bollworm
		Cotton	(<i>H. Armigera</i>),
		Cotton	Aphids
7	AZADIRACHTIN 0.03% (300 PPM) NEEM OIL BASED WSP CONTAINING	Cotton	Aphids, Jassids,
		Cotton	White Flies, Bollworms,
8	AZADIRACHTIN 5% W/W MIN. NEEM EXTRACT CONCENTRATES	Cotton	White Fly, Leaf
		Cotton	Hoppers,
		Cotton	<i>H.armigera</i> , Aphids
9	<i>BACILLUS THURINGIENSIS</i> VAR. <i>GALLERIAE</i>	Cotton	Bollworm (<i>Helicoverpa armigera</i>)
10	<i>BACILLUS THURINGIENSIS-K</i>	Cotton	Bollworm
11	<i>BACILLUS THURINGIENSIS</i> SEROVAR <i>KURSTAKI</i> (3A, 3B, 3C) 5% WP	Cotton	American Bollworm
		Cotton	Spotted Bollworm
12	<i>BACILLUS THURINGIENSIS</i> VAR. <i>KURSTAKI</i> , SEROTYPE H-39, 3B, STRAIN Z-52	Cotton	Bollworms, Spodoptera
13	BETA CYFLUTHRIN 2.45% SC	Cotton	Bollworm
14	<i>BEAUVERIA BASSIANA</i> 1.15% W.P.	Cotton	Bollworm
15	BIFENTHRIN 10% EC	Cotton	Bollworm
16	BUPROFEZIN 25% SC	Cotton	White Fly Aphids
		Cotton	Jassids, Thrips
17	CARBARYL 5% D.P.	Cotton	Spotted bollworm
		Cotton	American bollworm
		Cotton	Pink Bollworm
		Cotton	Jassids Aphids
18	CARBARYL 10% D.P.	Cotton	Aphid, American
		Cotton	bollworm, Stem weevil Thrips
19	CARBARYL 50% WP	Cotton	Aphids, Jassids, Thrips,
		Cotton	Leaf Roller, Spotted Bollworm, Pink Bollworm, American Bollworm
20	CARBARYL 85% W.P.	Cotton	Pink bollworm,
		Cotton	Spotted bollworm,
		Cotton	Thrips, White fly
21	CARBOSULFAN 25% DS	Cotton	Jassid, Aphids and
		Cotton	Thrips

Central Insecticides Board & Registration Committee, Faridabad

Insecticides - Crop wise recommendation for Cotton

Sr. No.	Insecticides	Crop	Common name of the pest
22	CHLORANTRANILIPROLE 18.5% SC	Cotton	American bollworm
		Cotton	Spotted bollworm
		Cotton	Tobacco caterpillar
26	CHLORFLUAZURON 5.4% EC	Cotton	American bollworm, Tobacco leaf eating caterpillar
27	CHLORPYRIFOS 20% EC	Cotton	Aphid, Bollworm ,
		Cotton	White fly,
		Cotton	Cut worm
28	CHLORPYRIFOS 50% EC	Cotton	Bollworms
		Cotton	Jassids
		Cotton	White fly
29	CYPERMETHRIN 10% EC	Cotton	Spotted bollworm
		Cotton	American bollworm
		Cotton	Pink bollworm
30	CYPERMETHRIN 25% EC	Cotton	Bollworms,
		Cotton	Jassids, Thrips
31	DELTAMETHRIN 11% W/W EC	Cotton	Bollworms
32	DELTAMETHRIN 25% TABLET	Cotton	Bollworms
33	DELTAMETHRIN 1.8% EC	Cotton	Bollworms
		Cotton	sucking insects
34	DELTAMETHRIN 2.8% EC	Cotton	Bollworm,
		Cotton	Sucking Insects
35	DICOFOL 18.5% EC	Cotton	Red Spider mite
36	DIAFENTHIURON 50% WP	Cotton	Whiteflies, Aphids, Thrips, Jassids
37	DIFLUBENZURON 25% WP	Cotton	Tobacco Caterpillar,
		Cotton	Bollworms
		Cotton	White Fly, Jassids, Aphids & Thrips
38	EMAMECTIN BENZOATE 5% SG	Cotton	Boll worms
39	EMAMECTIN BENZOATE 1.9% EC	Cotton	Boll worms
40	ETHION 50% EC	Cotton	White fly,
		Cotton	Bollworms
41	FENOBUCARB (BPMC) 50% EC	Cotton	Pink boll worm,
		Cotton	Spotted boll worm
		Cotton	American boll worm
42	FENPROPATHRIN 30% EC	Cotton	Pink boll worm
		Cotton	Spotted boll worm American boll worm
		Cotton	White fly
43	FENVALERATE 20% EC	Cotton	Boll worm,
		Cotton	Aphids, Jassids, Thrips
44	FENVALERATE 2% CONC.	Cotton	Spotted & Spiny,
		Cotton	Pink American/
		Cotton	Egyptian boll worm
45	FENVALERATE 0.4% DP	Cotton	Spotted Bollworm
		Cotton	Pink bollworm
46	FIPRONIL 5% SC	Cotton	Aphid, Jassid, Thrips,
		Cotton	White fly
	FIPRONIL 5% SC	Cotton	Boll worms
47	FLONICAMID 50% WG	Cotton	Aphids, Jassids, Thrips & Whiteflies
48	FLUBENDIAMIDE 20% WG	Cotton	American bollworm
49	FLUBENDIAMIDE 39.35% M/M SC	Cotton	Bollworms

Central Insecticides Board & Registration Committee, Faridabad

Insecticides - Crop wise recommendation for Cotton

Sr. No.	Insecticides	Crop	Common name of the pest
50	FLUVALINATE 25% EC	Cotton	Aphids, Jassids,
		Cotton	Red cotton bug,
		Cotton	Bollworm
51	IMIDACLOPRIDE 70% WG	Cotton	Jassids, Aphids, Thrips
52	IMIDACLOPRID 48% FS PER 100KG SEED	Cotton	Aphids, Whitefly, Jassids, Thrips
53	IMIDACLOPRID 70% WS PER 100KG SEED	Cotton	Aphids, Whitefly,
		Cotton	Jassids, Thrips
54	IMIDACLOPRID 30.5% M/M SC	Cotton	Aphid, Jassids, Thrips
55	IMIDACLOPRID 17.8% SL	Cotton	Aphid, Whitefly, Jassid Thrips
56	INDOXACARB 14.5% SC	Cotton	Bollworm
57	INDOXACARB 15.8% EC	Cotton	Bollworm
58	LAMBDA-CYHALOTHRIN 4.9% CS	Cotton	Bollworms
59	LAMBDA-CYHALOTHRIN 2.5% EC	Cotton	Bollworms, Jassids,
		Cotton	Thrips
60	LAMBDA-CYHALOTHRIN 5% EC	Cotton	Bollworms, Jassids,
		Cotton	Thrips
61	LUFENURON 5.4% EC	Cotton	American bollworm
62	METHOMYL 40% SP	Cotton	Bollworm
63	METHYL PARATHION 2% DP	Cotton	Aphid
		Cotton	Leaf hopper, Thrips
64	METHYL PARATHION 50% EC	Cotton	Aphid
		Cotton	Leaf hopper
	METHYL PARATHION 50% EC	Cotton	Thrips
65	MONOCROTOPHOS 15% SG	Cotton	Aphids, Jassids,
		Cotton	Thrips & Whiteflies
66	MONOCROTOPHOS 36% SL	Cotton	Bollworms
		Cotton	Aphid, Leaf
		Cotton	Hopper,
		Cotton	Grey weevil,
		Cotton	Thrips
		Cotton	White fly
67	NOVALURON 10% EC	Cotton	American Bollworm
68	NOVALURON 8.8% SC	Cotton	American boll worm, Tobacco caterpillar
69	NUCLEAR POLYHEDROSIS VIRUS OF HELICOVERPA ARMIGERA 0.43% AS	Cotton	<i>Helicoverpa armigera</i>
70	NPV OF <i>HELICOVERPA ARMIGERA</i> 0.43% AS STRAIN NO. BIL/HV-9	Cotton	<i>Helicoverpa armigera</i>
71	OXYDEMETON – METHYL 25% EC	Cotton	Aphid, Jassid/
		Cotton	leaf hopper
72	PERMETHRIN 25% EC	Cotton	Bollworms,
73	PHORATE 10% CG	Cotton	Aphid, Jassids, Thrips, White fly
		Cotton	
74	PROFENOFOS 50% EC	Cotton	Bollworm,
		Cotton	Jassids, Aphids, Thrips, Whiteflies
75	PYRIPROXYFEN 10% EC	Cotton	Whitefly
		Cotton	Whitefly
76	PYRIDALYL 10% EC	Cotton	Bollworms

Central Insecticides Board & Registration Committee, Faridabad

Insecticides - Crop wise recommendation for Cotton

Sr. No.	Insecticides	Crop	Common name of the pest
77	QUINALPHOS 20% AF	Cotton	Bollworms,
		Cotton	American bollworm,
		Cotton	Pink Bollworm ,
		Cotton	Spotted bollworm
78	QUINALPHOS 1.5% DP	Cotton	Aphid, Jassids, Thrips,
		Cotton	Bollworm
79	SPINETORAM 11.7 % SC	Cotton	Thrips,
		Cotton	Tobacco caterpillar
		Cotton	Spotted boll worm
		Cotton	Spo
80	SPINOSAD 45.0% SC	Cotton	American bollworm
81	SPIROMESIFEN 22.9% SC	Cotton	White fly & mite
		Cotton	White fly & mite
82	THIACLOPRID 21.7% SC	Cotton	Aphid, Thrips, Jassid
		Cotton	Whitefly
83	THIODICARB 75% WP	Cotton	Bollworms
84	THIAMETHOXAM 30% FS	Cotton	Aphid, whiteflies, Jassids
85	THIAMETHOXAM 70% WS	Cotton	Aphid, Thrips
		Cotton	whiteflies, Jassids
86	THIAMETHOXAM 25% WG	Cotton	Jassid, Aphid, Thrips
		Cotton	White flies
87	TRIAZOPHOS 40% EC	Cotton	Bollworms (Pink
		Cotton	and spotted), whitefly
88	VERTICILLIUM LECANII 1.15% WP	Cotton	White flies
89	Acephate 50% + Bifenthrin 10 % WDG	Cotton	Leaf hopper
		Cotton	Thrips,
		Cotton	Bollworms
90	Acephate 25% w/w + Fenvalerate 3% w/w EC	Cotton	American bollworm
		Cotton	Sucking Insects
91	Acephate 50% + Imidacloprid 1.8% SP	Cotton	Aphid ,Jassids, Thrips,
		Cotton	White flies, Bollworms
92	Acetamiprid 1.1% + Cypermethrin 5.5% EC	Cotton	Aphids,Jassids,Thrips
		Cotton	Bollworms
93	Cypermethrin 10% + Indoxacarb 10% w/w SC	Cotton	Jassids, Thrips and Ballworm
94	Cypermethrin 3% + Quinalphos 20% EC	Cotton	Americal bollworm
		Cotton	Spotted bollworm
		Cotton	Jassids
95	Chlorpyrifos 50% + Cypermethrin 5%EC	Cotton	Aphid, Jassids, Thrips,
		Cotton	Whitefly, <i>Spodoptera litura</i> , Spotted bollworm,
		Cotton	Pink Bollworm,
		Cotton	American bollworm
96	Chlorpyrifos 16% + Alphacypermethrin 1%	Cotton	Spotted bollworm
		Cotton	Pink Bollworm ,

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Insecticides - Crop wise recommendation for Cotton

Sr. No.	Insecticides	Crop	Common name of the pest
		Cotton	American bollworm
97	Deltamethrin 1% + Trizophos 35%EC	Cotton	Spotted
		Cotton	Bollworm,
		Cotton	Pink Bollworm,
		Cotton	American bollworm,
		Cotton	White flies
98	Ethion 40% + Cypermethrin 5% w/w EC	Cotton	American
		Cotton	bollworm
		Cotton	Aphid, Jassids & White
		Cotton	fly
99	Indoxacarb 14.5% + Acetamiprid 7.7% w/w SC	Cotton	Jassids, White
		Cotton	flies & Bollworm
100	Profenofos 40% + Cypermethrin 4% EC	Cotton	Bollworm complex
101	Pyriproxyfen 5% EC + Fenpropathrin 15% EC	Cotton	Whitefly, Bollworms
102	Thiamethoxam 12.6%+Lambda cyhalothrin 9.5%ZC:	Cotton	Jassids, Aphids &
		Cotton	Thrips and Bollworm
103	Acetamiprid 0.4%+Chlorpyrifos 20%EC:	Cotton	Jassids, Thrips & Bollworm
104	Chlorantraniliprole 9.3% + Lambda Cyhalothrin 4.6% ZC:	Cotton	Bollworms complex

Note- Plz. See CIB & RC website cibrc.nic.in for the details.

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Insecticides - Crop wise recommendation for Soybean

Sr. No.	Insecticides	Crop	Common name of the pest
1	<i>BACILLUS THURINGIENSIS</i> VAR. <i>KURSTAKI</i> , SEROTYPE H-39, 3B, STRAIN Z-56	Soybean	Spodoptera, Heliothis, Spilosoma, Semilooper, Leaf miner
2	CARBOFURAN 3% CG	Soybean	Root knot nematode
3	CHLORANTRANILIPROLE 18.5% SC	Soybean	Green Semi looper,
		Soybean	Stem fly, Girdle beetle
4	DICHLORVOS 76% EC	Soybean	Leaf eating caterpillar
5	ETHION 50% EC	Soybean	Girdle beetle & stem fly
6	IMIDACLOPRID 48% FS PER 100KG SEED	Soybean	Jassids
7	INDOXACARB 15.8% EC	Soybean	Tobacco caterpillar,
		Soybean	Green semilooper,
		Soybean	stem fly
8	LAMBDA-CYHALOTHRIN 4.9% CS	Soybean	Stemfly & Semilooper
9	MALATHION 50% EC	Soybean	Leaf weevil
10	PHORATE 10% CG	Soybean	Stem fly
11	PROFENOFOS 50% EC	Soybean	Semi looper &
		Soybean	Girdle beetle
12	QUINALPHOS 25% EC	Soybean	Leaf weevil
13	QUINALPHOS 1.5% DP	Soybean	Leaf weevil
14	SPINETORAM 11.7 % SC	Soybean	Tobacco caterpillar
15	THIACLOPRID 21.7% SC	Soybean	Girdle beetle
16	THIAMETHOXAM 30% FS	Soybean	Shoot fly
17	TRIAZOPHOS 40% EC	Soybean	Stem borer, Girdle beetle,
		Soybean	Leaf miners
18	Thiamethoxam 12.6%+Lambda cyhalothrin 9.5%ZC:	Soybean	Stem fly,Semilooper
		Soybean	Girdle beetle

Note- Plz. See CIB & RC website cibrc.nic.in for the details.

Central Insecticides Board & Registration Committee, Faridabad

Insecticides - Crop wise recommendation for Groundnut

Sr. No.	Insecticides	Crop	Common name of the pest
1	BROMADIOLONE 0.25% CB	Groundnut,	Field Rat, Large bandicota
2	BROMADIOLONE 0.005% RB	Groundnut,	Field Rat, Large bandicota
3	CARBOFURAN 3% CG	Groundnut	Pod borer
		Groundnut	White grub
4	CHLORPYRIFOS 20% EC	Ground nut	Aphid
		Ground nut	Root grub
5	DELTAMETHRIN 2.8% EC	Groundnut	Leaf miner
6	DICHLORVOS 76% EC	Groundnut	Red hairy caterpillar
7	IMIDACLOPRID 17.8% SL	Groundnut	Aphid , Jassid
8	LAMBDA-CYHALOTHRIN 5% EC	Groundnut	Thrips, leaf Hopper,
9	METHOMYL 40% SP	Groundnut	<i>Spodoptera litura</i>
10	OXYDEMETON – METHYL 25% EC	Ground nut	Aphid/ Leaf minor
11	PHENTHOATE 50% EC	Ground nut	Leaf Webber
12	PHORATE 10% CG	Groundnut	Aphid, Leaf minor
		Groundnut	White grub
13	QUINALPHOS 20% AF	Groundnut	Spodoptera
14	QUINALPHOS 25% EC	Groundnut	Leaf Hopper
		Groundnut	Leaf miner
		Groundnut	Thrips
15	QUINALPHOS 1.5% DP	Ground nut	Thrips, Jassids
		Ground nut	Red hairy Caterpillar
16	TRICHLORFON 5% GR	Groundnut	Red hairy caterpillar
17	TRICHLORFON 5% DUST	Groundnut	Red hairy Caterpillar
18	TRICHLORFON 50% EC	Groundnut	Red hairy caterpillar
19	Thiamethoxam 12.6%+Lambda cyhalothrin 9.5%ZC:	Groundnut	Leaf hopper
		Groundnut	Leaf eating caterpillar

Note- Plz. See CIB & RC website cibrc.nic.in for the details.

Central Insecticides Board & Registration Committee, Faridabad

Insecticides - Crop wise recommendation for Pulses

Sr. No.	Insecticides	Crop	Common name of the pest
1	ALUMINUM PHOSPHIDE 56% 3 g tab, 10g pouch	Split Pulses	Flat Grain Beetle,
		(Dal) & other	Carpet Beetle
2	AZADIRACTIN 0.03% (300 PPM) NEEM OIL BASED WSP CONTAINING	Gram	(<i>Helicoverpa</i>
		Gram	<i>armigera</i>)
		Red Gram	Pod Borer
		Red Gram	(<i>Melangromyza</i> sp)
3	<i>BACILLUS THURINGIENSIS</i> SEROVAR <i>KURSTAKI</i> (3A, 3B, 3C) 5% WP	Red gram	Pod Borer
4	<i>BACILLUS THURINGIENSIS</i> VAR. <i>KURSTAKI</i> , SEROTYPE H-39, 3B, STRAIN Z-54	Gram	Heliothis
		Pigeon Pea	Heliothis
5	<i>BEAUVERIA BASSIANA</i> 1% WP STRAIN NO: NBRI – 9947	Chick pea	Pod borer
6	BENFURACARB 40% EC	Red gram	Pod borer
7	BROMADIOLONE 0.005% RB	Gram	Indian house rat, Field Rat, Indian house rat
8	CARBARYL 10% D.P.	Tur	Plume moth, Pod fly
9	CARBOFURAN 3% CG	French bean	White grub
		French bean	White grubs
		French bean	Grey & Stem weevil
10	CHLORANTRANILIPROLE 18.5% SC	Pigeon pea	Pod borer
11	CHLORPYRIFOS 20% EC	Beans	Pod borer , Black bug
		Gram	Cut worm
12	DELTAMETHRIN 2.8% EC	Red Gram	Pod Borer & Pod Fly
		Red gram	Pod borer
		Chickpea	Pod borer
13	ETHION 50% EC	Gram	Pod borer
		Pigeon pea	Pod borer
14	ETHYLENE DICHLORIDE + CARBON TETRACHLORIDE 3:3	Pulses &	Pulse beetle, Dried fruit Beetle
15	FLUBENDIAMIDE 39.35% M/M SC	Pigeon pea	Pod borer
16	INDOXACARB 15.8% EC	Pigeon pea	Pod borer complex
17	LAMBDA-CYHALOTHRIN 5% EC	Pigeon pea	Pod borer, pod fly
18		Chickpea	Pod borer
19	LUFENURON 5.4% EC	Pigeon pea	Pod borer, podfly
20	METHOMYL 40% SP	Pigeon Pea	Pod borers
21	METHYL BROMIDE 98% W/W	Pulses	Beetle, Saw
		Pulses	Drug Store Beetle ,
22	METHYL PARATHION 2% DP	Green gram	Pod borer
23	MONOCROTOPHOS 36% SL	Green gram	Pod borer
		Red gram	Plume mouth
		Red gram	Pod borer
		Red gram	Pod fly
24	NPV OF <i>HELICOVERPA</i> <i>ARMIGERA</i> 2.0% AS	Pigeon pea	Pod borer
		Chick pea	Pod borer

Central Insecticides Board & Registration Committee, Faridabad

Insecticides - Crop wise recommendation for Pulses

Sr. No.	Insecticides	Crop	Common name of the pest
25	NPV OF <i>HELICOVERPA ARMIGERA</i> 2.0% AS STRAIN NO. GBS/HNPV -01	Pigeon pea	Pod borer (<i>Helicoverpa armigera</i>)
		Gram	Pod borer (<i>Helicoverpa armigera</i>)
26	(B) BIO-TECH INTERNATIONAL STRAIN NO. BIL/HV-9	Pigeon pea	Pod borer (<i>Helicoverpa armigera</i>)
27	(B) BIO-TECH INTERNATIONAL STRAIN NO. BIL/HV-10	Chick pea	Pod borer (<i>Helicoverpa armigera</i>)
28	(a) INDORE BIO-TECH INPUT & RESEARCH STRAIN NO. IBL-17268	Pigeon pea	Pod borer (<i>Helicoverpa armigera</i>)
29	(a) INDORE BIO-TECH INPUT & RESEARCH STRAIN NO. IBL-17269	Chick pea	Pod borer (<i>Helicoverpa armigera</i>)
30	NPV OF SPODOPTERA LITURA 0.5% AS	Chick pea	Pod borer
31	PHORATE 10% CG	Green gram	Stem fly
		Green gram	Jassids
		Pigeon pea	Jassids
		Pigeon pea	Stem fly
32	QUINALPHOS 20% AF	Tur	Pod borer
33	QUINALPHOS 25% EC	French bean	Stem fly
		Red gram	Pod borer, Pod fly
34	QUINALPHOS 1.5% DP	Gram	Pod borer
		Red gram	Pod borer
		French bean	Stem fly
35	SPINOSAD 45.0% SC	Red gram	Pod borer
36	THIODICARB 75% WP	Pigeon Pea	Pod Borer
37	Chlorantraniliprole 9.3% + Lambda Cyhalothrin 4.6% ZC:	Pigeon pea	Pod borer

Note- Plz. See CIB & RC website cibrc.nic.in for the details.

Central Insecticides Board & Registration Committee, Faridabad

Insecticides - Crop wise recommendation for Cereals

Sr. No.	Insecticides	Crop	Common name of the pest
1	ACEPHATE 75% SP	Rice	Stem Borer, Leaf Folder,
		Rice	Plant Hoppers, Green Leaf Hopper
		Rice	Yellow stem borer, Leaf Folder,
		Rice	Brown Plant Hopper
2	ACETAMIPRID 20% SP	Rice	BPH
3	ALUMINUM PHOSPHIDE 56% 3 g tab, 10g pouch	Stored Whole	Rice Weevil (<i>S.o</i>)
		Cereals and	Lesser Grain Borer, Khapra Beetle (<i>T.g</i>),
		Seed Grains	Rust Red Flour Beetle, Saw Toothed Grain
		Millet,	Beetle , Caddle Beetle, Drug Store Beetle , Cigarette Beetle , Pulse Beetle
4	ALUMINUM PHOSPHIDE 56% 3 g tab, 10g pouch	Mild Products :	Long Headed Floor
5	ALUMINUM PHOSPHIDE 15%, 12g tablet	and seed grains.	flower beetle
		Milled products: De-	Rust red flower beetle
		Other processed	All insect pests.
6	ALUMINIUM PHOSPHIDE 77.5% GR	Stored Grain	Red rust Flour beetle,
		Stored Grain	Lesser grain borer, Rice Weevil,
		Stored Grain	Khapra beetle
7	AZADIRACHTIN 0.15% W/W MIN. NEEM SEED KERNEL BASED E.C.	Rice	Thrips, Stem borer, Brown Plant hopper,
		Rice	Leaf folder
8	AZADIRACHTIN 0.03% MIN. NEEM OIL BASED E.C. CONTAINING	Rice	Leaf roller,
		Rice	Stem borer, BPH
9	AZADIRACHTIN 5% W/W MIN. NEEM EXTRACT CONCENTRATES	Rice	Brown Plant Hopper,
		Rice	Leaf Folder,
		Rice	Stem Borer
10	<i>BACILLUS THURINGIENSIS</i> VAR. <i>GALLERIAE</i>	Rice	Leaf folder
		Rice	(<i>Cnaphalocrocis medinalis</i>)
11	<i>BACILLUS THURINGIENSIS</i> VAR. <i>KURSTAKI</i> , SEROTYPE H-39, 3B, STRAIN Z-53	Rice	Stem borer & Leaf folder
12	BENFURACARB 3% GR	Rice	Stem borer, Leaf folder, BPH
13	BIFENTHRIN 10% EC	Rice	Stem borer, leaf folder & Green leaf hopper
14	BROMADIOLONE 0.25% CB	Wheat	Field Rat, Indian house rat
15	BROMADIOLONE 0.005% RB	Wheat	Indian Field mouse Field Rat
16	BUPROFEZIN 25% SC	Rice	BPH, GLH, WBPH
17	CARBARYL 4% G.R.	Maize	Stem borer
18	CARBARYL 50% WP	Maize	Shoot fly
		Maize	Stem Borer
		Wheat	Army worm
19	CARBARYL 85% W.P.	Maize	Stem borer

Central Insecticides Board & Registration Committee, Faridabad

Insecticides - Crop wise recommendation for Cereals

Sr. No.	Insecticides	Crop	Common name of the pest
20	CARBOFURAN 3% CG	Barley	Aphid
		Barley	Jassids
		Barley	Cyst nematode
		Bajra	Shoot fly
		Maize	Stem borer
		Maize	Shoot fly
		Maize	Thrips
		Wheat	Ear cockle nematode
		Wheat	Cereal cyst nematode
21	CARBOSULFAN 6% G	Rice	Stem borer
		Rice	Gall midge
		Rice	Green leaf hopper
		Rice	Leaf folder
22	CARBOSULFAN 25% EC	Rice	Green leaf hopper
		Rice	White plant hopper
		Rice	Brown plant hopper
		Rice	Gall midge
		Rice	Stem borer
23	CARTAP HYDROCHLORIDE 4% GRANULES	Rice	Stem borer,
		Rice	Leaf folder,
		Rice	Whorl Maggot
24	CARTAP HYDROCHLORIDE 50% SP	Rice	Stem borer,
		Rice	Leaf folder
25	CARTAP HYDROCHLORIDE 75% SG	Rice	Yellow Stem borer,
		Rice	Leaf folder
26	CHLORANTRANILIPROLE 18.5% SC	Rice	Stem borer and leaf folder
27	CHLORANTRANILIPROLE 0.4% GR	Rice	Yellow Stem
		Rice	borer and leaf folder
28	CHLORPYRIFOS 10% G	Rice	Stem borer, Leaf
		Rice	Roller, Gall midge
29	CHLORPYRIFOS 50% EC	Rice	Stem borer, Leaf roller
30	CLOTHIANIDIN 50% WDG	Rice	Brown plant hopper
31	CYPERMETHRIN 10% EC	Wheat	Shoot fly
32	DELTAMETHRIN 11% W/W EC	Rice	Stem borer, Leaf folder
		Rice	Green leaf hopper,
		Rice	Whorl maggot
33	DELTAMETHRIN 1.8% EC	Rice	Stem borer,
		Rice	Leaf folder
34	DELTAMETHRIN 2.5% WP	Wheat & Rice	Rice weevil,
		(Grain & seed in stacks)	Leaser grain borer,
		(Grain & seed in stacks)	Khapra beetle,
		(Grain & seed in stacks)	Red flour beetle,
		(Grain & seed in stacks)	Saw toothed grain beetle,
		(Grain & seed in stacks)	Rice moth, Almond moth

Central Insecticides Board & Registration Committee, Faridabad

Insecticides - Crop wise recommendation for Cereals

Sr. No.	Insecticides	Crop	Common name of the pest
35	DICHLORVOS 76% EC	Wheat	Caterpillar
36	DIMETHOATE 30% EC	Bajra	Milky weed bug
		Maize	Stem borer
		Maize	Shoot fly
37	DINOTEFURAN 20% SG	Rice	Brown plant hopper
38	ETHOFENOPROX 10%EC	Rice	BPH, Stem borer,
		Rice	Leaf folder ,Gall midge,
		Rice	Whorl maggot, GLH, WBPH
39	ETHYLENE DICHLORIDE + CARBON TETRACHLORIDE 3:1	Stored	Rice weevil,
40	ETHYLENE DICHLORIDE + CARBON TETRACHLORIDE 3:2	whole cereals Millets	Lesser grain Borer, Khapra Beetle, Rust red flour beetle,
41	FENOBUCARB (BPMC) 50% EC	Rice	Brown Plant Hopper,
		Rice	Green Leaf Hopper
42	FIPRONIL 5% SC	Rice	Stem borer, Brown
		Rice	plant hopper, Green
		Rice	leaf hopper, Rice leaf hopper, Rice gall midge, Whorl maggot, White backed plant hopper
43	FIPRONIL 0.3% GR	Rice	Stem borer, Brown plant hopper, Green leaf hopper Rice leaf hopper, Rice gall midge, Whorl maggot,
44	FIPRONIL 0.3% GR	Rice	White backed plant hopper
45	FIPRONIL 80% WG	Rice	Stem borer, Leaf folder
46	FLONICAMID 50% WG	Rice	Brown plant hopper, white backed plant hopper, Green leaf hopper
47	FLUBENDIAMIDE 20% WG	Rice	Stem borer, Leaf borer
48	FLUBENDIAMIDE 39.35% M/M SC	Rice	Stem borer, Leaf folder
49	IMIDACLOPRIDE 70% WG	Rice	Brown Plant Hoppers,
		Rice	White Backed Plant
		Rice	Hoppers
50	IMIDACLOPRID 48% FS PER 100KG SEED	Pearl millet	Shoot fly and termites
51	IMIDACLOPRID 70% WS PER 100KG SEED	Pearl millet	Termites and shoot fly
52	IMIDACLOPRID 30.5% M/M SC	Rice	Brown plant hopper,
		Rice	White backed plant
		Rice	hopper
54	INDOXACARB 15.8% EC	Rice	Leaf folder, Piller, Green semilooper, stem fly
55	LAMBDA-CYHALOTHRIN 2.5% EC	Rice	Leaf folder, Stem borer
		Rice	GLH, Gall midge, Hispa, Thrips
56	LAMBDA-CYHALOTHRIN 5% EC	Rice	Leaf folder, stem Borer, GLH, Gall Midge, Hispa,Thrips
57	METHYL BROMIDE 98% W/W	Stored Whole	Rice Weevil (<i>S.O</i>)
		Cereals and	Lesser Grain Bore, Khapra Beetle (<i>T.g</i>),

Central Insecticides Board & Registration Committee, Faridabad

Insecticides - Crop wise recommendation for Cereals

Sr. No.	Insecticides	Crop	Common name of the pest
		Seed ,Millet,	Rust Red Flour
		Mild Products : Flour,	Khapra Beetle (<i>T.g</i>),
		Mild Products : Flour,	Rust Red Flour
		Mild Products : Flour,	Beetle, lesser grain
		Mild Products : Flour,	borer
		Seeds	
58	METHYL PARATHION 50% EC	Wheat	Cutworm
59	MONOCROTOPHOS 36% SL	Maize	Shoot fly
60	OXYDEMETON – METHYL 25% EC	Maize	Shoot fly
	PHORATE 10% CG	Bajra	Shoot fly
		Bajra	White grub
		Barley	Aphid
		Maize	Shoot fly
		Maize	Stem borer
		Wheat	Shoot fly
61	PHOSALONE 35% EC	Barely	Aphid
62	QUINALPHOS 20% AF	Rice	Brown plant hopper ,
		Rice	Green leaf hopper,
		Rice	Leaf folder, Stem borer
63	QUINALPHOS 25% EC	Wheat	Aphid
		Wheat	Ear head Caterpillar ,
		Wheat	Mite
64	SODIUM CYANIDE	Agriculture land & Grain storage	Rats, & Soil insects
65	THIAMETHOXAM 30% FS	Wheat	Termites
		Maize	Stem Fly
66	THIAMETHOXAM 25% WG	Rice	Stem borer, Gall midge,
		Rice	Leaf folder, WBPH,
		Rice	BPH, GLH, Thrips
		Wheat	Aphid
67	TRICHLORFON 5% GR	Wheat	Army worm, Cut worm
68	TRICHLORFON 5% DUST	Wheat	Army worm, Cut worm
69	TRICHLORFON 50% EC	Wheat	Army worm, Cut worm
70	TRIAZOPHOS 20% EC	Rice	Stem Borer, Leaf Folder,
		Rice	Hispa, Green leaf hopper,
		Rice	Brown plant hopper,
		Rice	White backed plant hopper
71	TRIAZOPHOS 40% EC	Rice	Stem Borer, Rice Hispa,
		Rice	Leaf Folder, Green leaf hopper, Brown plant hopper,
72	TRIAZOPHOS 40% EC	Rice	White backed plant hopper.
73	Chlorpyrifos 50% + Cypermethrin 5%EC	Rice	Stem borer, Leaf folder
74	Deltamethrin 0.72% w/w + Buprofezin 5.65% w/w EC	Rice	Brown plant
		Rice	Hopper,
		Rice	Leaf folder
75	Ethiprole 40 + Imidacloprid 40% WG	Rice	BPH
		Rice	WBPH
76	Thiamethoxam 12.6%+Lambda cyhalothrin 9.5%ZC:	Maize	Aphid,Shootfly,
		Maize	Stem borer

Central Insecticides Board & Registration Committee, Faridabad

Insecticides - Crop wise recommendation for Cereals

Sr. No.	Insecticides	Crop	Common name of the pest
77	Chlorantraniliprole 0.5 % w/w + Thiamethoxam 1.0 % w/w GR:	Rice	Stem borer
		Rice	Leaf Folder
		Rice	Brown Plant Hopper
		Rice	Green Leaf Hopper

Note- Plz. See CIB & RC website cibrc.nic.in for the details.

Central Insecticides Board & Registration Committee, Faridabad

Insecticides - Crop wise recommendation Vegetables

Sr. No.	Insecticides	Crop	Common name of the pest
1	ACETAMIPRID 20% SP	Cabbage	Aphids
		Okra	Aphids
		Chilli	Thrips
2	AZADIRACHTIN 1% (10000 PPM) MIN. NEEM BASED E.C. CONTAINING	Tomato	Fruit borer
		Tomato	(<i>Helicoverpa</i>
		Tomato	<i>armigera</i>)
		Brinjal	Fruit and Shoot
		Brinjal	borer (<i>Leucinodes orbonalis</i>)
3	AZADIRACHTIN 0.03% (300 PPM) NEEM OIL BASED WSP CONTAINING	Okra	Fruit borer,
		Okra	White flies
		Okra	Leaf Hopper
		Brinjal	Shoot & Fruit
		Brinjal	borer, beetles
		Cabbage	Aphids, DBM,
		Cabbage	Cabbage worm, Cabbage looper
4	AZADIRACHTIN 5% W/W MIN. NEEM EXTRACT CONCENTRATES	Cauliflower	Spodoptera,
		Cauliflower	Diamond back moth,
		Cauliflower	Aphids
		Bhindi	Leafhopper,
		Bhindi	whitefly, Aphid,
		Bhindi	Pod Borer
		Bhindi	
		Tomato	Aphids, Whitefly,
		Tomato	Fruit borer
5	BACILLUS THURINGIENSIS VAR. GALLERIAE	Cabbage & Cauliflower	Diamond back moth (<i>Plutella xylostella</i>)
		Tomato	Fruit borer (<i>H. armigera</i>)
		Bhindi	Fruit borer (<i>Earias spp.</i>)
		Chillies	Fruit borer (<i>spodoptera litura</i>)
6	BACILLUS THURINGIENSIS SEROVAR KURSTAKI (3A, 3B, 3C) 5% WP	Cabbage	Diamond back moth
7	BEAUVERIA BASSIANA 10% SC	Cabbage	DBM
8	INTERNATIONAL PANAACEA LTD. STRAIN NO. IPL/BB/MI/01	Okra	Fruit borer / spotted bollworm
9	BUPROFEZIN 25% SC	Chillies	Yellow Mite
10	BUPROFEZIN 70% DF	Okra	Jassids
11	CARBARYL 5% D.P.	Bhindi	Jassid
		Cabbage	Cabbage borer
		Cauliflower	Cabbage borer
12	CARBARYL 10% D.P.	Bhindi	Fruit borer, Jassids
		Cabbage	Diamond back moth
		Cabbage	Army worm
13	CARBARYL 50% WP	Tomato	Fruit Borer
		Chillies	Thrips
		Brinjal	Fruit Borer, Jassids
		Bhindi	Fruit Borer
		Cauliflower	Cabbage borer
		Cabbage	Cabbage Borer

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Insecticides - Crop wise recommendation Vegetables

Sr. No.	Insecticides	Crop	Common name of the pest
14	CARBOFURAN 3% CG	Potato	Aphid,
		Potato	Jassids
		Tomato	White fly
		Bhindi	Jassids
		Chillies	Aphid , Thrips
	CARBOFURAN 3% CG	Cabbage	Nematode
		Brinjal	Root knot nematode
		Brinjal	Reniform nematode
15	CARBOSULFAN 25% EC	Chilli	Leaf folder
		Chilli	White aphid
16	CHLORANTRANILIPROLE 18.5% SC	Cabbage	Diamond back moth
		Tomato	Fruit borer
		Chilli	Fruit borer
		Brinjal	Shoot & Fruit borer
		Bitter gourd	Fruit borers & Caterpillars
		Okra	Fruit Borer
17	CHLORFENAPYR 10% SC	Cabbage	Diamond back moth
		Cabbage	(<i>Plutella xylostella</i>)
		Chilli	Mites (<i>Polyphagotarsonemus latus</i>)
18	CHLORFLUAZURON 5.4% EC	Cabbage	Diamond back moth, Tobacco leaf eating caterpillar
19	CHLORPYRIFOS 20% EC	Brinjal	Shoot & fruit borer
		Cabbage	Diamond back moth
		Onion	Root grub
20	CYANTRANILIPROLE 10.26% OD	Cabbage	Cabbage Aphid- <i>Brevicoryne brassicae</i>
		Cabbage	Mustard Aphid- <i>Lipaphis erysimi</i>
		Cabbage	Diamond back moth- <i>Plutella xylostella</i>
		Cabbage	Tobacco caterpillar- <i>Spodoptera litura</i>
		Chilli	Thrips- <i>Scirtothrips dorsalis</i>
		Chilli	Fruit borer- <i>Helicoverpa armigera</i>
		Chilli	Tobacco caterpillar- <i>Spodoptera litura</i>
		Tomato	Leaf miner – <i>Liriomyza trifolii</i>
		Tomato	Aphids – <i>Aphis gossypii</i>
		Tomato	Thrips- <i>Thrips tabaci</i>
		Tomato	White fly – <i>Bemesia tabaci</i>
		Tomato	Fruit borer – <i>Helicoverpa armigera</i>
21	CYPERMETHRIN 0.25% DP	Brinjal	Fruit & shoot borer
22	CYPERMETHRIN 10% EC	Cabbage	Diamond backmoth
		Okra	Fruit borer
		Brinjal	Fruit & shoot borer
23	CYPERMETHRIN 25% EC	Bhindi	Shoot & fruit borer
		Bhindi	Jassids
		Brinjal	Shoot & fruit borer
24	DAZOMET TECHNICAL	Tomato	Root-knot nematode
		Floriculture	Root-knot nematode
		(Carnation	
		& Gerbera)	

Central Insecticides Board & Registration Committee, Faridabad

Insecticides - Crop wise recommendation Vegetables

Sr. No.	Insecticides	Crop	Common name of the pest
25	DELTAMETHRIN 2.8% EC	Bhindi	Shoot & fruit borer
		Bhindi	Jassid
		Chilli	Fruit borer
		Brinjal	Shoot & Fruit Borer
26	DICHLORVOS 76% EC	Cucurbit	Red pumpkin beetle
27	DICOFOL 18.5% EC	Okra	Red Spider mite
		Brinjal	Yellow mite
		Bottle & Bitter gourd	Red Spider mite
28	DIAFENTHIURON 50% WP	Cabbage	Diamond Back Moth
		Chilli	Mites
		Brinjal	Whitefly
29	DIMETHOATE 30% EC	Bhindi	Aphid
		Bhindi	Leaf hopper, Jassid
		Brinjal	Shoot borer
		Cabbage & Cauliflower	Aphid , Painted bug
		Cabbage & Cauliflower	Mustard aphid
		Chillies	Mite
		Onion	Thrips
		Potato	Thrips
		Tomato	Aphids
		Tomato	White fly
		Okra	Fruit & Shoot Borer
		Cabbage	DBM
		Chilli	Fruit borer, Thrips &
		Chilli	Mites
		Brinjal	Fruit and Shoot borer
30	ETHION 50% EC	Chilli	Mites & thrips
31	ETOXAZOLE 10% SC	Brinjal	Red Spider Mite
		Chilli	Yellow mite
		Apple	Red spider mite and
		Apple	two spotted mite
		Okra	Red spider mite
		Brinjal	Red spider mite
		Tomato	Two spotted
		Tomato	spider mite
32	FENPROPATHRIN 30% EC	Chilli	Thrips, Whitefly, Mites
		Brinjal	Whitefly, Shoot and
		Brinjal	Fruit borer, Mites
		Okra	Whitefly, Shoot and
		Okra	Fruit borer, Mites
33	FENPYROXIMATE 5% EC	Chilli	Yellow mite
34	FENVALERATE 20% EC	Cauliflower	Diamond back moth , American boll worm, Aphids, Jassids
		Brinjal	Shoot & fruit borer
		Brinjal	Aphids
		Okra	Shoot & fruit borer
		Okra	Jassids
35	FIPRONIL 5% SC	Cabbage	Diamond back moth
		Chillies	Thrips, Aphids,
		Chillies	Fruit borers

Central Insecticides Board & Registration Committee, Faridabad

Insecticides - Crop wise recommendation Vegetables

Sr. No.	Insecticides	Crop	Common name of the pest
36	FIPRONIL 80% WG	Onion	Thrips
		Cabbage	Diamond Back Moth
37	FLUBENDIAMIDE 20% WG	Tomato	Fruit borer
		Cabbage	Diamond back moth
		Chilli	Fruit borer
38	FLUBENDIAMIDE 39.35% M/M SC	Chilli	Fruit borer
		Tomato	Fruit borer
		Cabbage	Diamond moth back
39	FLUMITE 20% SC / FLUFENZINE 20%SC	Brinjal	Mite
40	HEXYTHIAZOX 5.45% W/W EC	Chilli	Yellow mites
		Apple	European Red Mite
41	IMIDACLOPRIDE 70% WG	Okra	Jassids, Aphids, Thrips
		Cucumber	Aphids & Jassids
42	IMIDACLOPRID 48% FS PER 100KG SEED	Okra	Jassid, Aphid
43	IMIDACLOPRID 70% WS PER 100KG SEED	Okra	Jassid, Aphid
		Chillies	Jassid, Aphid, Thrips
44	IMIDACLOPRID 17.8% SL	Chilly	Jassid, Aphid, Thrips
		Okra	Aphid, Jassid, Thrips
		Tomato	Whitefly
45	INDOXACARB 14.5% SC	Cabbage	Diamond back moth
		Chillies	Fruit borer
		Tomato	Fruit borer
46	INDOXACARB 15.8% EC	Cabbage	Diamond back moth
47	LAMBDA-CYHALOTHRIN 4.9% CS	Brinjal	Shoot & fruit borer
		Okra	Fruit borer
		Tomato	Fruit borer
		Chilli	Thrips & pod borer
48	LAMBDA-CYHALOTHRIN 5% EC	Brinjal	Shoot & fruit borer
		Tomato	Fruit borer
		Chilli	Thrips , mite, pod borer
		Onion	Thrips
		Bhindi	Jassids , shoot borer
49	LUFENURON 5.4% EC	Cabbage	Diamond backmoth
		Cauliflower	Diamond backmoth
		Chilli	Fruit borer
50	MALATHION 50% EC	Bhindi	Aphid
		Bhindi	Jassids,
		Bhindi	Spotted Boll Worm
		Brinjal	Mites
		Cabbage	Mustard aphid
		Cauliflower	Head borer
		Radish	Stem borer
		Turnip	Tobacco caterpillar
		Tomato	White fly
51	METAFLUMIZONE 22% SC	Cabbage	Diamond back moth
52	METALDEHYDE	Vegetables	Snails
53	METHOMYL 40% SP	Tomato	Pod borers
		Chilli	Pod borers & Thrips
54	MILBEMECTIN 1% EC	Chilli	Yellow /white mite

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Insecticides - Crop wise recommendation Vegetables

Sr. No.	Insecticides	Crop	Common name of the pest
55	NOVALURON 10% EC	Cabbage	Diamond back moth
		Tomato	Fruit borer
		Chilli	Fruit borer,
		Chilli	Tobacco Caterpillar
56	NUCLEAR POLYHEDROSIS VIRUS OF HELICOVERPA ARMIGERA 0.43% AS	Tomato	<i>Helicoverpa armigera</i>
57	NPV OF HELICOVERPA ARMIGERA 2.0% AS	Tomato	Fruit borer
58	(B) BIO-TECH INTERNATIONAL STRAIN NO. BIL/HV-11	Tomato	Fruit borer (<i>Helicoverpa armigera</i>)
59	NPV OF <i>HELICOVERPA ARMIGERA</i> 0.43% AS STRAIN NO. BIL/HV-10	Tomato	<i>Helicoverpa armigera</i>
60	OXYDEMETON – METHYL 25% EC	Bhindi	White fly
		Bhindi	Jassid/ Leaf beetle
		Chilli	Aphid
		Chilli	Mites
		Chilli	Thrips
		Onion	Thrips
		Tomato	White fly
		Potato	Aphids
		Apple	Sanjose scale
		Apple	Wooly Aphid
61	PAECILOMYCES LILACINUS 1.15% WP	Brinjal	Root Knot Nematode
62	PHORATE 10% CG	Brinjal	Aphid, Jassids,
		Brinjal	Lace wing bug,
		Brinjal	Red spider mite
		Brinjal	Thrips
		Cauliflower	Aphid
		Chillies	Aphid , Mite, Thrips
		Potato	Aphid
		Tomato	White fly
63	PHOSALONE 35% EC	Brinjal	Fruit borer
		Cabbage	Aphid
		Tomato	Fruit borer
		Tomato	Aphid, Pink mite
64	PHOSPHAMIDON 40% SL	Brinjal	Jassid, Aphid,
		Brinjal	White fly
65	PROPARGITE 57% EC	Chillies	Mite
		Brinjal	Two spotted spider
		Brinjal	mite
66	PYRIPROXYFEN 10% EC	Chilli	Whitefly,Aphids
		Okra	Fruit & shoot borer
		Cabbage	Diamond back moth
67	QUINALPHOS 25% GEL	Chillies	Aphid,
68	QUINALPHOS 20% AF	Okra	Shoot/Fruit borer
		Tomato	Fruit borer
69	QUINALPHOS 25% EC	Bhindi	Fruit borer
		Bhindi	Leaf hopper
		Bhindi	Mite
		Cauliflower	Stem borer
		Chillies	Aphid
		Chillies	Mite
		Tomato	Fruit borer

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Insecticides - Crop wise recommendation Vegetables

Sr. No.	Insecticides	Crop	Common name of the pest
70	QUINALPHOS 1.5% DP	Chillies	Aphid
71	SPINETORAM 11.7 % SC	Chillies	Thrips,
		Chillies	Fruit borer
		Chillies	Tobacco caterpillar
72	SPINOSAD 45.0% SC	Chillies	Fruit borer, Thrips
73	SPINOSAD 2.5% SC	Cabbage &	Diamond back moth
		Cauliflower	
74	SPIROMESIFEN 22.9% SC	Brinjal	Red spider mite
		Chilli	Chilli Yellow Mite
		Okra	Red spider mite
		Tomato	Whiteflies & Mites
75	THIACLOPRID 21.7% SC	Chilli	Thrips
		Brinjal	Shoot & fruit borer
76	THIODICARB 75% WP	Cabbage	Diamond back moth
		Brinjal	Shoot & Fruit borer
		Chilli	Fruit borer
77	THIAMETHOXAM 30% FS	Chilli	Thrips
		Okra	Jassids
78	THIAMETHOXAM 70% WS	Okra	Aphids, Jassids
		Tomato	Aphids & Thrips
79	THIAMETHOXAM 25% WG	Okra	Jassid, Aphid, White flies
		Tomato	White flies
		Brinjal	White flies
		Potato	Aphids
	THIAMETHOXAM 25% WG	Potato	-foliar application
		Potato	-Soil drench
		Potato	Aphids
80	THIOMETON 25% EC	Brinjal	Aphid & Jassid
		Brinjal	Fruit and Shoot borer
81	TOLFENPYRAD 15% EC	Cabbage	Diamond Back moth, Aphids
		Okra	Aphids, Jassids, Thrips and white fly
82	TRICHLORFON 5% GR	Vegetables	Fruit and shoot borer
		(Brinjal, cabbage,	Diamond back moth
		cauliflower, cucurbits,	Tobacco caterpillar
		tomato)	Red pumpkin beetle
83	TRICHLORFON 5% DUST	Vegetables (Brinjal,	Fruit and shoot borer
		cabbage, cauliflower,	Diamond back moth
		cucurbits, tomato)	Tobacco caterpillar
		cucurbits, tomato)	Red pumpkin beetle
84	TRICHLORFON 50% EC	Vegetables (Brinjal, cabbage, cauliflower, cucurbits, tomato)	Fruit and shoot borer
		Vegetables (Brinjal, cabbage, cauliflower, cucurbits, tomato)	Diamond back moth
		Vegetables (Brinjal, cabbage, cauliflower, cucurbits, tomato)	Tobacco caterpillar
		Vegetables (Brinjal, cabbage, cauliflower, cucurbits, tomato)	Red pumpkin beetle
85	Betacyfluthrin 8.49% + Imidacloprid 19.81% OD	Brinjal	Aphids, Jassids
		Brinjal	shoot & fruit borer

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Insecticides - Crop wise recommendation Vegetables

Sr. No.	Insecticides	Crop	Common name of the pest
	Cypermethrin 3% + Quinalphos 20% EC	Brinjal	Shoot & Fruit borer
86	Deltamethrin 1% + Trizophos 35%EC	Brinjal	Shoot & Fruit
		Brinjal	Borer, Jassids,
		Brinjal	Aphid,
		Brinjal	Eplachna beetle
87	Flubendiamide 19.92% w/w+ Thiacloprid 19.92% w/w	Chilli	Thrips
		Chilli	Fruit borer
88	Indoxacarb 14.5% + Acetamiprid 7.7% w/w SC	Chillies	Thrips, &
		Chillies	Fruit borer
89	Novaluron 5.25% + Indoxacarb 4.5% SC	Tomato	Fruit borer &
		Tomato	leaf eating caterpillar
90	Pyriproxyfen 5% EC + Fenpropathrin 15% EC	Brinjal	Whitefly, shoot and fruit borer
		Okra	Whitefly, fruit borer
		Chilli	Whitefly, fruit borer
91	Thiamethoxam 12.6%+Lambda cyhalothrin 9.5%ZC:	Chilli	Thrips, Fruit borer
92	Chlorantraniliprole 8.8% w/w + Thiamethoxam 17.5 % w/w SC:	Tomato	Leaf Miner,
		Tomato	Whitefly &
		Tomato	Fruit borer

Note- Plz. See CIB & RC website cibrc.nic.in for the details.

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Insecticides - Crop wise recommendation for fruit crops			
Sr. No.	Insecticides	Crop	Common name of the pest
1	ALUMINUM PHOSPHIDE 56% 3 g tab, 10g pouch	Dry Fruits, Nuts	
2	ALUMINUM PHOSPHIDE 15%, 12g tablet	fruits, nuts, spices & oilseeds (Air tight cover or godowns)	Khapra Beetle, Saw Toothed Grain Beetle ,
		fruits, nuts, spices & oilseeds (Air tight cover or godowns)	Rice Moth, Almond
		fruits, nuts, spices & oilseeds (Air tight cover or godowns)	Moth
3	AZADIRACHTIN 5% W/W MIN. NEEM EXTRACT CONCENTRATES	Tobacco	Tobacco caterpillar,
		Tobacco	Aphids
4	<i>BACILLUS THURINGIENSIS</i> VAR. <i>KURSTAKI</i> , SEROTYPE H-39, 3B, STRAIN Z-57	Tobacco	Spodoptera, Heliothis
5	<i>BACILLUS THURINGIENSIS</i> VAR. <i>KURSTAKI</i> , SEROTYPE H-39, 3B, STRAIN Z-59	Teak	Defoliator (<i>Hyblaea pured</i>) , Skeletonizer (<i>Eutectona machaeralis</i>)
		Wood	Dipping/brushing
6	BROMADIOLONE 0.25% CB	Coconut/ Bamboo	Indian house rat
7	BROMADIOLONE 0.005% RB	Coconut/ Bamboo	Indian house rat, Field Rat
		Coconut/ Bamboo	Large bandicota
8	BUPROFEZIN 25% SC	Mango	Hoppers
		Grapes	Mealy bugs
9	CARBOFURAN 3% CG	Citrus	Nematode
		Citrus	Leaf miner
		Tea	Cock chafer grub
10	CHLORPYRIFOS 20% EC	Ber	Leaf hopper
		Citrus	Black citrus, Aphid
		Tobacco	Ground beetle
11	CYANTRANILIPROLE 10.26% OD	Grapes	Thrips- <i>Scirtothrips dorsalis</i>
		Grapes	Flea beetle- <i>Scelodonta strigicollis</i>
12	DAZOMET TECHNICAL	Tobacco	Root-knot nematode,
		(Carnation & Gerbera)	
13	DELTAMETHRIN 2.8% EC	Mango	Hoppers
14	DICHLORVOS 76% EC	Cashew	Apple borer
15	DICOFOL 18.5% EC	Citrus	Red Spider mite
		Litchi	Red Spider mite
16	DIMETHOATE 30% EC	Citrus	Black citrus aphid
		Fig	Fig jassid
		Fig	Mealy bug
		Mango	Hopper
		Grapes	Thrips
17	FENPYROXIMATE 5% EC	Coconut	Eriophyde mite
18	FIPRONIL 80% WG	Grapes	Thrips
19	IMIDACLOPRID 17.8% SL	Mango	Hopper
		Citrus	Leaf miner,
		Citrus	psylla
		Grapes	Flea beetle
20	LAMBDA-CYHALOTHRIN 4.9% CS	Grapes	Thrips & Flea beetle
21	LAMBDA-CYHALOTHRIN 5% EC	Mango	Hoppers

Central Insecticides Board & Registration Committee, Faridabad

Insecticides - Crop wise recommendation for fruit crops			
Sr. No.	Insecticides	Crop	Common name of the pest
22	MALATHION 50% EC	Mango	Mealy scale,
		Mango	Mango hooper
		Grape	Beetle
23	METALDEHYDE	Citrus, Rubber, Paddy, Tea,	Snails, Slugs, Giant African
24	METHOMYL 40% SP	Grapes	Mealy bug
25	METHYL BROMIDE 98% W/W	Dry Fruits, Nuts	Rust Red Flour
26	MONOCROTOPHOS 36% SL	Citrus	Black aphids
		Citrus	Mite
		Mango	Bug mite
		Mango	Gall maker
		Mango	Hopper,
		Mango	Mealy bug
		Mango	Shoot borer
		Coconut	Black headed
		Coconut	Caterpillar
27	NPV OF SPODOPTERA LITURA 0.5% AS	Tobacco	<i>Spodoptera litura</i>
28	OXYDEMETON – METHYL 25% EC	Mango	Hoppers
		Tobacco	White fly/Aphids
29	PHORATE 10% CG	Citrus	Leaf minor
30	QUINALPHOS 25% EC	Citrus	Scale
		Citrus	Citrus butterfly
31	THIAMETHOXAM 25% WG	Mango	Hoppers
		Citrus	Psylla
		tomato)	Red pumpkin beetle
32	VERTICILLIUM LECANII 1.15% WP	Citrus	Mealy bug

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