

List of Insecticide

Sl.No	Trade name	Chemical Composition	Mode of Action	Active ingredient	Recmdn.	Against
1	Acephate/ Asatof/Starthene	O-S Dimethyl acetylphosphoramidothioate	S	75% wp	0.75-1 g/ltr	Aphids, jassids, bollworms
2	Actara	Thiamethoxam	S	25%	0.2g/l	Sucking pest, Aphids,Hoppers,WF,Root grub
3	Admire	Imidacloprid	S	70% WG	0.5-0.8ml/ltr	Sucking pests
4	Avaunt	Indoxacarb	C	15.8%EC	0.5-0.8ml/ltr	DBM,Bollworm
5	Confidor	Imidacloprid	S	17.80%	0.25-0.5ml/l	Sucking pests
6	Corogen	Chlorantraniliprole	C	18.50%	0.5 ml/l	Borer & Caterpillar
7	Curacron	Profenofos	C	50% EC	1.5-2 ml/l	Bollworm, sucking pests (15dsys)
8	Cymbush	Cypermethrin	C	25% EC	0.5ml/l	Borer, bollworm, sucking pests
9	Decis	Deltamethrin	C	2.8% EC	1ml/l	Leafminor, white flies
10	Dursban	Chlorpyrifos	C	20% EC	1.5-2.5 ml/l	Leaf hopper, BPH, termites, sucking pests
11	Ekalux	Quinolphos	C	25%	0.5-1.5ml/l	sucking pests, borer,
12	Fame	Flubendiamide	S	39.35%	1 ml/l	Borer & Caterpillar
13	Furadon/Tata Furan	Carbofuron	S	3%G	5 kg/acre	stem borer,cutworm white grub,termite,shootfly,stem borer,aphids,thrips,jassids
14	Hostathian	Triazophos	CTL	40% EC	1ml/ltr	Leaf minor, white flies
15	Jump	Fipronil	S	80%	0.2g/l	Sucking pests
16	Karate	Lambda-cyhalothrin	C	5% EC	0.5ml/ltr	Borer, weevils, aphids, jossids, thrips, whiteflies
17	Colonel-S	Dicofol	C	18.50%	2.7ml/l	Mites
18	Lannate	Methomyl	C	40%	1 ml/l	Bollworms, borer, succing pests

19	Larvin	Thiodicarb	C	75%WP	2-3 g/l	Bollworm,shoot & fruit borer,pod borer, DBM
20	Magister	Fenazaquin	S	10%	0.5 ml/l	Mites
21	Malathion	Melathion	S	50% EC	1 ml/l	caterpillars,fruitborer,gallmidge fly,leaf eating caterpillar,stem borer
22	Marshal [liquid]	Carbosulfan	C	25% EC	1-1.5ml/l	Aphid, borer, hoppers
23	Matador	Lambda-cyhalothrin	C	4.9% EC	0.5 - 0.7 ml	Borer in paddy & cotton
24	Metasystox	Oxidematon methyle	S	25%EC	2 ml/l	Sucking pests
25	Nuvan	Dichlorvos	C	76%EC	0.5-1.0ml/l	cut worms, leaf roller, aphids, sucking pests
26	Monostar/Tata Mono	Monocrotophos	C	36%	1ml	Succing pests, bollworm
27	Oberan	Spiromesifen	C	22.9%	0.2ml/l	Mites
28	Politrin-C	Profenofos + Cypermethrin	C	40 %+4%	1-1.5ml/l	Bollworm, sucking pests (15dsys)
29	Pegasus	Diafenthiuron	C	50%	1.25g/l	Pod borer, fruit borer,
30	Proclaim	Emamectin benzoate	Biological insecticide	5% SG	00.5g/ltr	Bolworm, fruit & shoot borer
31	Regent	Fipronil	C & S	5%	1-1.5ml/l	Borer, bollworm, sucking pests
32	Pride/ Rekord	Acetamiprid	S	20% SP	0.2 g/l	Aphids,jassids,thrips,whitefly
33	Rogar	Dimethoate	S	30%	1-1.3ml/l	Borer, mites, catterpillars, sucking pests
34	Sevin	Carbaryl	C	50% WDP	4g/l	Borer, bollworm, sucking pests
35	Spark	Deltamethrin + Triazophos	C	1%+35%	1.5ml	Succing pests, bollworm & leaf minor
36	Starphor	Phorate	S	10%	25-30 kg/ha	Trrmites,nematodes
37	Thimet	Phorate	S	10%G	30kg/ha	Termites, nematodes
38	Vertimac	Abamectin	S	1.90%	0.25 - 0.5ml	Spoders & mites in ornamentals
39	Wetttasul -80	Sulphur	C	80% WP	2-5g/l	Mites

List of Fungicide & Bactericide

Sl..No	Trade name	Chemical concentration	Mode of Action	Active ingredient	Recmdn.	Against
1	Aliette	Fosetyl-AL	S	80 % WP	1 g/l	DM
2	Amistar	Azyoxystrobin	S	23% SC	1ml/ ltr	DM & PM in vegetables & grapes
3	Aureofungin	Aureofungin	S	46.15 SP	0.1 g/lit	Bacterial diseases
4	Beam	Tricyclazole	S	75% WP	0.5 - 0.8g	Paddy blast & sheath blight
5	Bavistin	Carbendazim	S	50%	2g/Kg or 0.5g/l	Blasts, blight, PM, rots, wilts
6	Bayleton	Traidimefon	S	25% WP	0.5g	Powdery mildew & Rust (25-40 days)
7	Benomyl/Benofit	Benomyl	S	50% WP	0.5ml/l	PM, Anthrachnose, leaf spot, rots, rust
8	Blitox	COC	C	50% WP	2.5ml/l	Rots, leaf spots, damping off,
9	Calixin	Tridemorph	S	80% EC	0.5 -1 ml/lit	PM, wilts
10	Captan/ Foltaf/ Captaf	Captan	C	50% WP	2 - 2.5g/ltr	Daming off, rots
11	Contaf	Hexaconozole	S	5%	0.5-1ml/l	PM

12	Cuman	Ziram	C	27% SL	1ml/ltr	Blight, DM, Anthracnose
13	Curzate M8	Cymoxanil + Mancozeb	C & S	8 % + 64 %	3 g/l	Late blight, DM
14	Equation Pro	Famoxadone +Cymoxanil	C & S	16.6 %+22.1%	1 ml/l	Late blight,DM
15	Folicur	Tebuconazole	S	25.9% m/m	2.5 ml/l	Tikka, Rust, Sheath blight,Dieback, Anthracnose,Spots
16	IM-45/Abic M-45	Indofil-Mancozeb	C	45%	2-2.5g/l	Blasts, blight, DM, rots, Leaf spots, buck eye rot,
17	Kavach	Chlorthalonil	C	75%	1-2g/l	Fruit rots, rust, blight, DM (Grape) (10-60 days)
18	Karathane	Dinocap	S	48% EC	0.3-0.5ml/l	PM
19	Kocide	Copper hydroxide	C	77WP	2 g/l	Anthracnose, Cercospora,Leaf spot
20	Quintal 50WP	Iprodione + Carbendazime	C & S	25% +25%	1g/ltr	Sheath blight & blast in rice
21	Ridomil	Metalaxyl + Mancozeb	C & S	4%+ 64%	1-1.5g/lt	Wilts, leaf spots, downy mildew, fruit rot, late blight
22	Rovral	Iprodione	C	50 WP	1g/lit	Botrytis,Damping off,Wilt,Early and late blight&molds

23	Rubigan -f	Fenarimol	S	12 % EC	0.5 ml/l	PM
24	Streptocycline	Streptomycin sulphate +Tetracycline	S	90%+ 10%	0.1g/l	bacterial diseases
25	Tilt	Propiconazole	S	25% EC	0.5ml/l	Rust, leaf spots, blight,
26	Topsin/ Roko/ Moti	Thiophenate-Methyl	C	70%	1g/l	Anthrachnose, PM, Blight, Blast, Smut, Wilt, Rot
27	Topas	Penconazole	S	10 % EC	0.5 ml/l	PM
28	Wet.Sulphur/ sulfex	Wettable sulphur	C	80%	2-5g/l	PM, mites

List of Organic Chemicals

Sl.No	Trade name	Chemical concentration	Active ingredient	Recmdn.	Against
1	Adhar	Azospirillum		500g + 500ml water + Ragi ganji/ kg seed or 2-3 Kg + 20Kg FYM/ acre	
2	Azab	Azotobacter			
3	Biocatch	verticillium lecani		2g/lit	Aphids,Scales,Thrips,mealy bugs and nematode
4	Cal-MB	Organic based product		1-2ml/ltr	Sucking pests, leaf minor
5	Cal-Nova	Organic based product		2 ml/lit	
6	Cal-Paste	Organic based product		2ml/lit	
7	Caltika	Amino acids, Vit B1, B2, B6 & Folic acid		5ml/ltr	Growth promoter
8	Delfin	Bt var Kurstaki		0.5g/lit	DBM : Cabbage & Cauliflower
9	Humicil	Humic acid 6%	6%	5-10ml/ Kg seeds	Humic acid @ 1.5% for nursery sprays @ 1g/ltr
10	Lipel	Bacillus thuringiensis		0.50%	Bollworm, borer, leaf roller
11	Meta	Metarhizium			

12	Neem top	Neemseed extract		5 ml/l	Sucking pests
13	Rhizobium/ Sunrise	Rhizobium			
14	Shakti	Potassium bacteria			
15	Trishul	VAM			
16	Trichoderma/ Nisarga/ Bio- cure-F/ Rakshak-V	T. viridae 1%	1%	4g/kg	Seed treatment for rot, wilt, damping off
17	Varsha	Verticillium			

List of Herbicide

Sl..No	Trade name	Chemical concentration	Active ingredient	Recmdn.	Against
1	Gramoxone	Paraquat dichloride	24% SL	2.5-4ml/l	Weeds
2	Oxy gold	Oxyfluorfen	23.5% EC	2 ml/lit	Weeds
3	Round -up	Glyphosate	41% SL	2ml/l	Weeds
4	Stomp	Pendimethalin	30% EC	2ml/l	Weeds