



Government of India
Ministry of Agriculture & Farmers Welfare
Department of Agriculture, Cooperation & Farmers Welfare
Directorate of Plant Protection, Quarantine & Storage Central Insecticide
Board & Registration Committee N.H.-IV,
Faridabad-121 001

MAJOR USES OF PESTICIDES

Registered under the Insecticides Act, 1968

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FUNGICIDES

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Fungicides

Crop	Common name of the disease	Dosage per ha			Waiting period from last application to harvest (in days)
		a.i. (g)	Formulation (g/ml)/%	Dilution in water (L)	
Aureofungin 46.15% w/v. SP					
Citrus	Gummosis	-	1.0%	750 (soil drench)	30
Azoxystrobin 23% SC					
Grapes	Downy mildew Powdery mildew	125 gm	500 ml	500 - 750	7
Chilli	Fruit rot Powdery mildew	125 gm	500 ml	500 - 750	5
Mango	Anthraco nose Powdery mildew	0.025%	0.1%	100 ml/ 100 lit of water depending on the size of the tree canopy	5
Tomato	Early & Late blight	125 gm	500 ml	500	3
Potato	Late Blight	125 gm	500 ml	500	12
Cucumber	Downey mildew Powdery mildew	125 gm	500	500	5
Cumin	Blight & Powdery mildew	115 gm	500	500	28
Benomyl 50 % WP					
Wheat	Loose smut	1 gm	2 gm	1 kg of seed	-
Groundnut	Tikka leaf spot	112.5 gm	225 gm	750	-
Tobacco	Frog eye spot	112.5 gm	225 gm	750	-
Grapes	Powdery mildew	150 gm	300 gm	625-700	-
	Anthraco nose	150 gm	300 gm	625-700	7
Beans	Powdery mildew	100 gm	200 gm	600	-
	Anthraco nose	100 gm	200 gm	600	-
Cucurbits	Powdery mildew	100 gm	200 gm	600	-

Cucurbits	Anthraco nose	100 gm	200 gm	600	-
Chillies	Powdery mildew	100 gm	200 gm	600	-
	Fruit rot	100 gm	200 gm	600	-
	Leaf spot	100 gm	200 gm	600	-
Brinjal	Powdery mildew	100 gm	200 gm	600	-
Sugar beat	Leaf spot	100 gm	200 gm	600	21
Peas	Powdery mildew	100 gm	200 gm	600	2
Bitertanol 25%WP					
Groundnut	Rust	250 gm	1000 gm	500	30
	Tikka	250 gm	1000 gm	500	30
Wheat	Karnal bunt	560 gm	2240 gm	750	-
Captan 50% WG					
Chillies	Fruit rot (Anthraco nose)	750 gm	1500 gm	500	5
Potato	Early blight & Late blight	750 gm	1500 gm	500	21
Captan 50% WP					
Apple	Scab	1250 gm	2.5 kg	750-1000	-
Cherry	Brown rot	1250 gm	2.5 kg	750-1000	-
Grapes	Downey mildew	1250 gm	2.5 kg	750-1000	-
Potato	Early blight	1250 gm	2.5 kg	750-1000	-
	Late blight	1250 gm	2.5 kg	750-1000	-
Tomato	Early blight	1250 gm	2.5 kg	750-1000	-
	Late blight	1250 gm	2.5 kg	750-1000	-
Captan 75% WP					
Apple*	Scab Flv speck Bitter rot	0.12%**	1667 gm	15-20**	8
Cherry	Brown rot	0.12%**	1667 gm	15-20**	NA
Grape	Downey mildew	1250 gm	1667 gm	1000	8
Cabbage/ Cauliflower. Tomato, Brinjal, Chillies, Beans, Ornamental	Damping off (Nursery)	0.25%	2500 gm	1000 Soil drench in the nursery	NA
Potato	Early blight	1250 gm	1667 gm	1000	8

	Late blight	1250 gm	1667 gm	1000	8
Tomato	Early blight	1250 gm	1667 gm	1000	6
	Late blight	1250 gm	1667 gm	1000	6
Chillies	Early blight	1250 gm	1667 gm	1000	8
	Fruit rot	1500 gm	2000 gm	1000	8
Citrus	Brown rot	0.25**	2500 gm	15-20**	NA
	Scab	0.12**	1667 gm	15-20**	NA
Rose	Black spot	1250 gm	1667	1000	NA
Paddy	Leaf spot	750 gm	1000 gm	750	NA
Captan 75% WS					
Chillies (soil drench)	Damping off (soil drench)	15-25 gm per kg seed	20-30 gm per kg seed	1	
Cabbage	Damping off (soil drench)	15-25gm per kg seed	20-30 gm per kg seed	1	
Tomato	Damping off (soil drench)	15-25 gm per kg seed	20-30 gm per kg seed	1	
Tobacco	Damping off (soil drench)	15-25 gm per kg seed	20-30 gm per kg seed	1	
Carbendazim 5% GR					
Paddy	Brown leaf spot	0.62 kg	12.5 kg	-	
Carbendazim 46.27% SC					
Grape	Powdery mildew	0.046% or 46 g /100 lit water	0.1% or 100 ml/ 100 lit Water	As required	30
Mango	Powdery mildew	0.046% or 46 g/100 lit water	0.1% or 100 ml/100 lit Water	As required	15
Carbendazim 50% WP					
Paddy	Blast	125-250 gm	250-500 gm	750 L	-
	Sheath blight	1gm/ kg seed	2 gm/ kg seed	(1 ltr/10 kg seed) (seed treatment)	(wet slurry treatment)
	Aerial phase	125-250 gm	250-500 gm	750	-
Wheat	Loose smut	1gm/kg seed	2 g/kg seed	(1 ltr/10 kg seed) (seed treatment before sowing)	(wet slurry treatment)
Barley	Loose smut	1 gm/kg	2 gm/kg	(1 ltr/10 kg seed) (seed treatment before sowing)	(wet slurry treatment)

Tapioca	Set rot	0.5 gm	1 gm	1	-
Cotton	Leaf spot	125	250	750	-
Jute	Seedling blight	1 gm/kg seed	2 gm/kg seed	(1 ltr/10kg seed) (seed treatment)	(wet slurry treatment)
Groundnut	Tikka leaf Spot	112.5 gm	225 gm	750	-
Sugar beet	Leaf spot	100 gm	200 gm	400	-
	Powdery mildew	100 gm	200 gm	400	-
Peas Cluster	Powdery mildew	125 gm	250 gm	600	-
Beans	Powdery mildew	175 gm	350 gm	750	-
Cucurbits	Powdery mildew	150 gm	300 gm	600	-
	Anthracoise	150 gm	300 gm	600	-
Brinjal	Leaf spot	150 gm	300 gm	600	-
	Fruit rot	150 gm	300 gm	600	-
Apples	Scab	1.25 gm	2.5 gm	10 per tree	-
Grades	Anthracoise	150 gm	300 gm	600	-
Walnut	Downy leaf spot	1.5 gm	3 gm	10 per tree	-
Rose	Powdery mildew	0.5 gm	1 gm	2	-
Ber	Powdery mildew	5 gm	10 gm	10 per tree	-
Carboxin 75% WP					
Wheat	Flag smut	1.5 -1.875 gm/ kg seed	2 -2.5 gm/ kg seed	N/A	Only one time seed treatment required
	Loose smut	1.5 - 1.875 gm/ kg seed	2 -2.5 gm/kg seed	N/A	Only one time seed treatment required
	Bunt	1.5 - 1.875 gm/ kg seed	2 -2.5 gm/ kg seed	N/A	Only one time seed treatment required
Barley	Loose smut	1.5 - 1.875 gm/ kg seed	2 -2.5 gm/ kg seed	N/A	Only one time seed treatment required
	Covered smut	1.5 - 1.875 gm/ kg seed	2 -2.5 gm/ kg seed	N/A	Only one time seed treatment required
Cotton	Angular leaf spot	1.5 - 1.875 gm/ kg seed	2 -2.5 gm/ kg seed	N/A/	Only one time seed treatment required

Carpropamid 27.8% SC					
Rice	Blast	0.03%	0.1%	300-500 depending upon crop stage	
Chlorothalonil 75% WP					
Groundnut	Tikka	0.66 - 0.863 gm	0.875-1.50 gm	600-800	14
	Rust	0.66 - 0.863 gm	0.875-1.50 gm	600-800	14
Potato	Early & late blight	0.66 - 0.937 gm	0.875-1.250 gm	600-800	14
Copper Oxychloride 50% WG					
Grape	Downy mildew	0.12% or 120 g/100 lt. water	0.24% or 240 g/100 lt. water	As required depending upon PP equipment	30
Mango	Anthracnose	0.12% or 120 g/100 lt. water	0.24% or 240 g/100 lt. water	As required depending upon PP equipment	10
Copper oxv chloride 50% WP					
Citrus	Leaf Spot	1.25	2.5	750-1000	-
	Canker	1.25	2.5	750-1000	-
Cardamom	Clump Rot	1.87-3.75	3.75-5.5	750-1000	-
	Leaf Spot	1.25	2.5	750-1000	-
Chillies	Leaf Spot	1.25	2.5	750-1000	-
	Fruit Rot	1.25	2.5	750-1000	-
Betel	Foot Rot	1.25	2.5	750-1000	-
	Leaf Spot	1.25	2.5	750-1000	-
Banana	Fruit Rot	1.25	2.5	750-1000	-
	Leaf Spot	1.25	2.5	750-1000	-
Coffee	Black Rot	1.87-3.75	3.75-5.5	750-1000	-
	Rust	1.87-3.75	3.75-5.5	750-1000	-
Potato	Early Blight	1.25	2.5	750-1000	-
	Late Blight	1.25	2.5	750-1000	-
Tobacco	Downy Mildew	1.25	2.5	750-1000	-
	Black Sank	1.25	2.5	750-1000	-
	Frog eye leaf	1.25	2.5	750-1000	-
Tomato	Early Blight	1.25	2.5	750-1000	-
	Late Blight	1.25	2.5	750-1000	-
	Leaf Spot	1.25	2.5	750-1000	-

Grades	Downy Mildew	1.25	2.5	750-1000	-
Coconut	Bud Rot	1.25	2.5	750-1000	-
COPPER HYDROXIDE 53.8% DF					
Potato	Late blight	525	1500	500	22
Grape	Downy mildew	525	1500	500	12
Paddy	False smut	525	1500	500	10
	Bacterial leaf blight	525	1500	500	10
Chilli	Anthraco nose	350	1500	62	22
Rice	False smut -Bacterial leaf blight	525	1500	35	10
Copper Hydroxide 77% WP					
Rice	False smut	1000 gm	2000 gm	750	
Cymoxanil 50% WP					
Grades	Downy mildew	0.12 %	0.24% or 240 gm/100 Litre water	As required depending upon the crop stage and equip-ment used	15
Cyazafamid 34.5% SC					
Potato	Late blight	80g	200ml	500	27
Tomato	Late blight	80g	200ml	500	3-5
Grades	Downy mildew	80g	200ml	500	7
Difenoconazole 3% WS					
Wheat	Loose smut	6.0 g/100 kg seed	200 g /100 kg seed	10-20 ml water / kg seed	This is used as seed dresser
Difenoconazole 25% EC					
Apple	Scab	0.004% or 4 g/100 lt. water	0.015% or 15 ml/100 lt. water	As required depending upon the size of the plant and plant protection equipment used	14
Rice	Sheath blight	0.0125% or 12.5g/100 lt. water	0.05% or 50 ml/100 lt. water	500-1000 (or as per the size of plant canopy)	25
Chilli	Die-back Fruit rot	0.0125% or 12.5g/100	0.05% or 50 ml/100 lt. water	500	15

		lt. water			
Cumin	Blight (<i>Alternaria burnsii</i>) Powdery mildew (<i>Erysiphe polygonii</i>)	0.0125% or 12.5 g/100 lit. water	0.05% or 50 ml/100 lit. water.	500	15
Onion	Purple blotch (<i>Alternaria porri</i>)	0.025% or 25 g/100 lit. water	0.1% or 100 ml/100 lit. water.	500	20
Pomegranate	Fruit rot	0.025% or 25g/100ltr. water	0.1% or 100 ml/100 lit. water.	500	7
Grape	Anthraco nose Powdery mildew	0.0075% or 7.5 g/100lit water	0.03% or 30ml/100lit of water	500	42
Dimethomorph 50% WP					
Grades	Downy mildew (<i>Plasmopara viticola</i>)	500 gm	1000 gm	750 L	25
Potato	Late blight (<i>Phytophthora infestans</i>)	500 gm	1000 gm	750 L	16
Dinocap 48% EC					
Mango	Powdery mildew	2.4 gm	5 gm	10	-
Rose	Powdery mildew	0.96 gm	2 ml	10 lit water	-
Dithianon 75% WP					
Apple	Scab	1350 gm	1800 gms	2400 L	14-21
Dodine 65% WP					
Apple	Scab	0.05%	0.075%	10	21
Edifenphos 50% EC					
Paddy	Blast	250-300	500-600	750-1000	21
	Brown leaf spot	250-300	500-600	750-1000	21
Fenarimol 12%EC					

Apple	Scab	0.005% (5 g/100 lts of water)	0.04 % (40 ml/ 100 lts of water)	10 lts./ tree	30
Flusilazole 40% EC					
Rice	Sheath Blight	120 g ai/ha	300 ml/ha	500	24
Chilli	Powdery Mildew	40-60 g a.i/ ha	100-150 ml/ha	500	5
Fosetyl-AL 80% WP					
Grapes	Downey mildew	1120- 1600 gm	1400- 2000 gm	750-1000	30
Cardamom	Azhukal disease and Damping off	1800-2400 gm	2250-3000 gm	750-1000	90
Hexaconazole 2% SC					
Chillies	Powdery mildew & Fruit rot	60 gm	3.0 L	500	7
Potato	Early blight & Late blight	60 gm	3.0 L	500	21
Grapes	Powdery mildew	30-60 gm	1.5-3.0 L	500-750 depending upon crop canopy	14
Hexaconazole 5% EC					
Apple	Scab	0.0025%	0.05% (50 ml/100 lt)	As required	30
Rice	Blast Sheath blight	50 gm	1000 ml	500	40
Groundnut	Tikka leaf spot	75 gm	1500 ml	500	30
Mango	Powdery mildew	0.005% (5 g/100 lit)	0.1% (100 ml/100 lt)	As required	30
Sovbean	Rust	0.005% (5 g/100 lit)	0.1% or (100 ml/100 lit)	As required	30
Tea	Blister blight	10 gm	200 ml	70-90 with power sprayers 175-200 with knap Sack sprayer	7
Grapes	Powdery mildew	25-50gm	500-1000ml	500	14

Hexaconazole 5 % SC					
Mango	Powdery mildew	0.01% (10 g/100 lt water)	0.2% or (200 ml/100 lt. water)	As required depending on size of tree and plant protection equipment	27

				used.	
Rice	Sheath blight	0.01% (10 g/100 lt water)	0.2% or (200 ml/100 lt. water)	As required depending on size of tree and plant protection equipment used	40
Grapes	Powdery mildew	25-50 gm	500-1000	500	14
Hexaconazole 75 % WG					
Paddy	Sheath blight&Sheath rot	50	66.7	500	30
Iprodione 50% WP					
Rapeseed Mustard	Alternaria blight	1.125Kg -1.5 kg	2.25 kg-3 kg	750-1000	50
Rice	Sheath blight	1.125 kg	2.25 kg	750	35
Tomato	Early blight	0.75 kg	1.5 kg	500	15
Grapes	Anthracoise	0.5- 1.0 kg	1.0 – 2.0 kg	500	20
Isoprothiolan 40% EC					
Rice	Blast	300	750	500-1000	60
Kasugamycin 3% SL					
Rice	Blast	30-50 gm 0.030% 0.050%	1000-1500 ml	750-1000	30
Kitazin 48% EC					
Rice	Blast. Sheath Blight	0.10% or 100 gram in 100 lit of water	0.20% or 200 ml in 200 lit of water	As required depending upon crop stage and plant protection equipment used	15
Chilly	Fruit rot /dieback	0.10% or 100 gram in 100 lit of water	0.20% or 200 ml in 200 lit of water	As required depending upon crop stage and plant protection equipment used	3
Tomato	Early blight	0.10% or 100 gram in 100 lit. of water	0.20% or 200 ml in 200 lt. of water	As required depending upon crop stage and plant protection equipment used	5
Potato	Early blight	0.10% or 100 gram in 100 lit.	0.20% or 200 ml in 200 lit of water	As required depending upon crop stage and plant protection	48

		of water		equipment used	
Onion	Purple blotch	0.10% or 100 gram in 100 lit. of water	0.20% or 200 ml in 200 lt. of water	As required depending upon crop stage and plant protection equipment used	63
Pomegranate	Anthraco nose	0.10% or 100 gram in 100 lit. of water	0.20% or 200 ml in 200 lt. of water	As required depending upon crop stage and plant protection equipment used	10
Grape	Anthraco nose	0.10% or 100 gram in 100 lit of water	0.20% or 200 ml in 200 lit of water	As required depending upon crop stage and plant protection equipment used	15
Kresoxim-methyl 44.3% SC					
Paddy	Blast Sheath Blight	250 gm	500 ml	500	30
Grapes	Powdery mildew Downey mildew	300-350 gm	600-700 ml	500	07
Lime Sulphur 22% SC					
Apple	Scale Powdery mildew	This liquid is used at one per cent in conventional sprayers: Doses 2-5 lit/ha			2% pre and 1% post blossom
Bean	Rust	This liquid is used at one per cent in conventional sprayers: Doses 2-5 lit/ha			-
Cherry	Leaf spot	This liquid is used at one per cent in conventional sprayers: Doses 2-5 lit/ha			Three applications: after petal fall 2 week later & after harvest
Grape	Powdery mildew	This liquid is used at one per cent in conventional sprayers: Doses 2-5 lit/ha			Feb followed by two dustings in summer
Peach	Leaf curl Brown rot Powdery mildew	This liquid is used at one per cent in conventional sprayers: Doses 2-5 lit/ha			Only 1 1 application before the petal swell. Three pre-harvest applications

Pear	Black spot	This liquid is used at one per cent in conventional sprayers:Doses 2-5 lit/ha			At white bud, Petal fall.
Plum	Black spot	This liquid is used at one per cent in conventional sprayers:Doses 2-5 lit/ha			Delayed dormant spray
Rose	Powdery mildew	This liquid is used at one per cent in conventional sprayers:Doses 2-5 lit/ha			Delayed dormant spray
Mancozeb 35% SC					
Tomato	Early blight & Late blight	0.175% or 175 gm/100 Lt. water	0.5% or 500 gm/100 lt. water	500Lt Water or as required depending upon crop stage and equipment used	10
Mancozeb 75% WG					
Tomato	Early Blight	750 gm	1000 gm	500 Lit	5-6
Mancozeb 75% WP					
Wheat	Brown & black rust	1.125-1.5 kg	1.5-2 kg	750 Lt	-
	Blight	1.125-1.5 kg	1.5-2 kg	750 Lt	-
Maize	Leaf blight	1.125-1.5 kg	1.5-2 kg	750 Lt	-
	Downy mildew	1.125-1.5 kg	1.5-2 kg	750 Lt	-
Paddy	Blast	1.125-1.5 kg	1.5-2 kg	750 Lt	-
Jowar	Leaf spot	1.125-1.5 kg	1.5-2 kg	750 Lt	-
Potato	Late blight	1.125-1.5 kg	1.5-2 kg	750 Lt	-
	Early blight	1.125-1.5 kg	1.5-2 kg	750 Lt	-
Tomato	Late blight	1.125-1.5 kg	1.5-2 kg	750 Lt	-
	Buck eye rot	1.125-1.5 kg	1.5-2 kg	750 Lt	-
	Leaf spot	1.125-1.5 kg	1.5-2 kg	750 Lt	-
Chilies	Damping off	2.25 g	3 g (soil drench)	1 Lt	-
	Fruit rot	1.125-1.5 kg	1.5-2 kg	750 Lt	-
	Ripe rot	1.125 -1.5 kg	1.5-2 kg	750 Lt	-
	Leaf spot	1.125 -1.5 kg	1.5-2 kg	750 Lt	-

Onion	Leaf blight	1.125-1.5	1.5-2 kg	750 Lt	-
Tapioca	Leaf spot	1.125-1.5 kg	1.5-2 kg	750 Lt	-
Cauliflower	Collar rot	2.25 gm	3 gm	1 Lt	-
	Leaf spot	1.125-1.5 kg	1.5-2 kg	750 Lt	-
Ground nut	Tikka disease & rust	1.125-1.5 kg	1.5-2 kg	750 Lt	-
	Collar rot Leaf spot	18.75 to 22.50/ 10 kg seed	25 to 30/ 10 kg seed	0.1 (water slurry)	-
Grapes	Angular leaf spot	1.125-1.5 kg	1.5-2 kg	750 Lt	-
	Downy mildew	1.125-1.5 kg	1.5-2 kg	750 Lt	-
	Anthracoise	1.125-1.5 kg	1.5-2 kg	750 Lt	-
Guava	Fruit rot	15 g	20 g	10/tree Lt	-
Banana	Cigar end rot	1.125-1.5 kg	1.5-2 kg	1000 Lt	-
	Tip rot	1.125-1.5 kg	1.5-2 kg	1000 Lt	-
	Sigatoka leaf spot	1.125-1.5 kg	1.5-2 kg	1000 Lt	-
Apple	Scab & sooty blotch	22.5 g /tree	30 gm/tree	10 Lt/tree	-
Cumin	Blight	1.125-1.5 kg	1.5-2 kg	500 Lt	-
Mandipropamid 23.4% SC					
Grapes	Downy mildew	0.2 ml/lit	0.8 ml/lit	500-1000	5
Potato	Late blight	0.2 ml/lit	0.8 ml/lit	500-750	40
Tomato	Late blight	0.02% or 0.2 mL	0.08% or 0.8m/L	500	5
Metalaxyl-M 31.8% ES					
Maize	Downy mildew	0.76 g/kg seed	2.4 ml/kg seed	This is used as a seed dresser	
Mustard	Downy Mildew and White rust	1.11	3.5		
Chilli	Damping Off	0.64	2.0		
Tomato	Damping Off	0.64	2.0		
Pearl millet	Downy mildew	0.7 g/kg seed	2.0 ml/kg seed		
Sorghum	Downy mildew	0.7 g/kg seed	2.0 ml/kg seed		
Sunflower	Downy mildew	0.7 g/kg seed	2.0 ml/kg seed		
Metalaxyl 35% WS					

Maize	Sorghum downy mildew Sugarcane downy mildew Phillippine downy mildew Brown stripe downy mildew	Slurryseed treatment with 240g/100 kg seed	700 g/ 100 kg seed	0.75-1.0/100 kg seed	3½-4 months depending on the variety
Baira	Downy mildew	Slurry seed treatment with 200g/100 kg seed	600 g/ 100 kg seed	0.75-1.0/100 kg seed	3-3½ months depending on the variety
Sorghum	Downy mildew	Slurry seed treatment with 200g/100 kg seed	600 g/ 100 kg seed	0.75-1.0/100 kg seed	3½-4 months depending on the variety
Sunflower	Downy Mildew.	Slurry seed treatment with 200g/100 kg seed	600 g/ 100 kg seed	0.75-1.0/100 kg seed	3½-4 months depending on the variety
Mustard	White rust	Slurry seed treatment with 200g/100 kg seed	600 gm/ 100 kg seed	0.75-1.0/100 kg seed	3½-4 months depending on the variety
Metiram 70% WG					
Tomato	Alternaria blight (Alternaria solani)	1750 gm	2500 gm	500-750 lt	6
Groundnut	Tikka (Cercospora spp.)	1400 gm	2000 gm	500-750Lt.	16
M.E.M.C. 6% FS					
Sugarcane	Whip smut	0.025g /kg seed	0.415 g /kg seed	100 ml	Period of seed treatment 3-5 minute
Potato	Tuber	0.025 g/kg seed	0.415 g/kg seed	100 ml	Period of seed treatment 3-5 minute
Myclobutanil 10% WP					
Apple	Scab	0.004%	0.04%	10 lit/ tree	21
Grape	Powdery mildew	0.004%	0.04%	500 lit/ ha	15

Chilies	Powdery mildew Leaf spot Die back	0.004%	0.04%	500 lit/ha	03
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Penconazole 10% EC

Grapes	Powdery mildew (Unicinula necator)	0.005% or 5 gm/100 Lt. water	50 ml/100 Lt. water	Depending upon the requirement	30
Apple	Scab (Venturia inaequalis)	0.005% or 5 gm /100 lit water	50 ml/100 Lt. water	10 Lt. water per tree	30
Mango	Powdery mildew (Oidium mangiferae)	0.005% or 5 gm/100 Lt. water	50 ml/100 Lt. water	10 Lt. water per tree	30
Pulses (Black Gram /Greengram)	Powdery mildew (Erysiphe polygoni)	0.005% or 5 gm/100 Lt. water	50 ml/100 Lt. water	500Lt/ha	30

Pencycuron 22.9% SC

Rice	Sheath blight	150-187.5 gm	600-750 ml	500 Lt.	-
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Picoxystobin 22.52% w/w SC

Rice	Rice blast	150	600	500	12
Grape	Downey Mildew, Powdery Mildew	100	400	750-1000	7

Propiconazole 25% EC

Wheat	Karnal bunt (Neovossia indica)	125 gm	500 gm	750	30
	Leaf rust / Brown Rust (Puccinia recondite F. sp. tritici)	125 gm	500 gm	750	30
	Stem rust (B. graminis f. sp. tritici)	125 gm	500 gm	750	30
	Stripe rust /Yellow Rust (P. striiformis)	125 gm	500 gm	750	30
Rice	Sheath blight (Rhizoctonia solani f. sesakii)	125 gm	500 gm	750	30

Groundnut	Early leaf spot (Cercospora arachidicola)	125 gm	500 gm	750	15
	Late leaf spot (C. personata)	125 gm	500 gm	750	15
	Rust (Puccinia arachidis)	125 gm	500 gm	750	15
Tea	Blister blight	31.25- 62.50 gm	125-250 gm	175-250	7
Savabean	Rust	125 gm	500 gm	500	26
Propiconazole 10.7%+ Tricvclazole 34.2% SE					
Paddy	Sheath blight Blast	0.045	0.1	500	23
Propineb 70% WP					
Apple	Scab	0.21% or 210 g/100 Lt. water	0.30% or 300 gram/ 100 Lt. water	As required depending upon size of the tree and plant protection equipment used	30
Pomegranate	Leaf and fruit spots	0.21% or 210 g/100 Lt. water	0.30% or 300 gram/ 100 Lt. water	As required depending upon size of the tree and plant protection equipment used	10
Potato	Early & late Blight	0.21% or 210 g/100 Lt. water	0.30% or 300 gram/ 100 Lt. water	As required depending upon crop stage and plant protection equipment used	15
Chilli	Dieback	0.35% or 350 g/100 Lt. water	0.5% or 500 gram/ 100 Lt. water	As required depending upon crop stage and plant protection equipment used	10
Tomato	Buck eve rot	0.21% or 210 g/100 Lt. water	0.30% or 300 gram/ 100 Lt. water	As required depending upon crop stage and plant protection equipment used	10

Grades	Downy Mildew	0.21% or 210 g/100 Lt. water	0.30% or 300 gram/ 100 Lt. water	As required depending upon crop stage and plant protection equipment used	40
Rice	Brown leaf spot	1050 to 1400 g	1500 to 2000 g	Use 500 litre spray volume/ hectare	
Pyraclostrobin 20% WG					
Tomato	Early blight	75-100 gm	375-500 gm	500	3
Soybean	Frog eye leaf spot (Cercospora) & Alternaria leaf spot	75-100	375-500	500	26
Cotton	Alternaria Leaf blight	100	500	500	14
Groundnut	Tikka disease	100	500	500	29
(Streptomycin Sulphate 90% + Tetracycline Hydrochloride 10%) SP					
Apple	Fire blight	-	Spray Streptomycin 25 to 50 ppm solution at 20 to 30% bloom. It is advisable to spray trees every 3 to 4 days during blossom time	-	-
Beans	Halo blight	-	Spray Streptomycin 100 to 150 ppm solution thrice at interval of 7 days. For prevention apply first spray 10 days after emergence of leaf.	-	-
Citrus	Citrus canker	-	Spray Streptomycin 50 to 100 ppm solution repeatedly at an interval of	-	-

			15 to 20 days after the appearance of new growth. Cover the foliage and young fruits fully.		
Potato	Black leg and soft rot, bacterial brown wilt or ring or the bangle disease of potato	-	Seeds treatment: Prior to planting soak potato seed tubers in streptomycin 40 to 100 ppm solution for half an hour. Spray: Two to three sprays of 40 to 50 ppm solution at an interval of 20 days. First spray 30 days after planting.	-	-
Tabacco	Wild fire	-	Spray Streptomycin 40 to 100 ppm solution at two leaf stage of the plant. Repeated application at an interval of 7 days is necessary till the plants get established in the field.	-	-
Tomato	Bacterial leaf spot	-	Spray seedlings with streptomycin 40 to 100 ppm solution in seed beds and fields after the appearance of first true leaves two sprays of streptomycin,	-	-

			one before transplanting and another after are effective for controlling the disease.		
Paddy	Bacterial leaf blight	-	<p>Seeds treatment: Prepare streptomycin 40 ppm solution and soak seeds for 12 hours at room temperature before sowing.</p> <p>Seedling treatment: Dip the seedling in streptomycin 40 to 100 ppm solution. The antibiotic will be absorbed through the injured roots and penetrate the vascular bundles inside the seedlings.</p> <p>Spray: Spray streptomycin 100 to 150 ppm solution at early root stage. Second spray, if necessary before grain set.</p>	-	-
Tea	Blister Blight	-	It is fungal disease and can be controlled by spraying 40 gms with 350 to 420 gms copper oxychloride (50% Wettable power) in 67 liters of water per hectare	-	-

			with air blast sprayer, covering two rows on either side.		
Sulphur 40% WP					
Cotton	Mites	1.50-2.00 Kg	3.75-5.00 kg	750-1000	-
Beans	Powdery mildew	2.25-3.00 kg	5.65-7.50 kg	750-1000	-
Cumin	Powdery mildew	1.40 Kg	3.50 kg	1000	-
Grapes	Powdery mildew	1.22 kg	3.00 kg	1000	-
Groundnut	Tikka Leaf spot	2.25-3.00 kg	5.65-7.50 kg	750-1000	-
Mango	Powdery mildew	1.50-2.00Kg	3.75-5.00 kg	1000	-
Opium	Powdery mildew	1.16 kg	3.00 kg	1000	-
Peas	Powdery mildew	2.25-3.00kg	5.65-7.50 kg	750-1000	-
Roses	Powdery mildew & Red SpiderMite	1.50-2.00Kg	3.75-5.00 kg	1000	-
Sorghum	Mites	0.75-1.00kg	2.00-2.50 kg	750-1000	-
Tea	Pink & Purple Mites	1.00-2.00kg	2.50-5.00 kg	750-1000	-
Sulphur 52% SC					
Tea	Red Spider mites	1.04 Kg	2.00 Lt.	400	-
Pea	Powdery mildew	1.04 Kg	2.00 Lt.	400	-
Chilli	Powdery mildew	1.04 Kg	2.00 Lt.	400	-
Sulphur 55.16 % SC					
Grapes	Powdery mildew	0.165% or 165 g/100 Lt. water	0.30% or 300 ml/ 100 Lt. water	As required	10
Mango	Powdery mildew	0.165% or 165 g/100 Lt. water	0.30% or 300 ml/ 100 Lt. water	As required	10
Sulphur 80% WP					
Apple	Powdery mildew	2-4 kg	2.5-5.0 Kg	750-1000	-
Grapes	Powdery mildew	2-4 kg	2.5-5.0 Kg	750-1000	-
Groundnut	Tikka Leaf spot	2-4 kg	2.5-5.0 Kg	750-1000	-

Cowpea. Moong/Urid	Powdery mildew	2.5 kg	3.13 Kg	750-1000	-
Pea	Rust	2.5 kg	3.13 Kg	750-1000	-
Sorghum	Grain smut	2.4-3.2 g/kg seed	3-4 g/kg seed	1 Lt/10 kg seed	-
Chillies & Okra	Powdery mildew	2.5 kg	3.13 Kg	750-1000	-
Mango	Powdery mildew	2.5 kg	3.13 Kg	750-1000	-
Citrus	Powdery mildew	2.5 kg	3.13 Kg	750-1000	-
Tea	Red spider mite	0.8 kg	1 kg	200	-
	Pink & Purple mite	0.8 Kg	1 Kg	200	-
Sulphur 80% WG					
Grapes	Powdery mildew	1.50-2.00 kg	1.875-2.50 Kg	750-1000	-
Cowpea	Powdery mildew	1.50-2.00 kg	1.875-2.50 Kg	750-1000	-
Guar	Powdery mildew	1.50-2.00 kg	1.875-2.50 Kg	750-1000	-
Pea	Powdery mildew	1.50-2.00 kg	1.875-2.50 Kg	750-1000	-
Cumin	Powdery mildew	1.50-2.00 kg	1.875-2.50 Kg	750-1000	-
Apple	Scab	1.50-2.00 kg	1.875-2.50 Kg	750-1000	-
Mango	Powdery mildew	1.50-2.00 kg	1.875-2.50 Kg	750-1000	-
Sulphur 85% DP					
Grape	Powdery mildew	12.75-17kg	15-20 kg	-	-
Ground nut	Tikka Leaf spot	12.75-17kg	15-20 kg	-	-
Beans	Powdery mildew	12.75-17kg	15-20 kg	-	-
(Cow pea. moong, urid)	Rust	12.75-17kg	15-20 kg	-	-
Pea	Rust	12.75-17kg	15-20 kg	-	-
	Powdery mildew	12.75-17 kg	15-20 kg	-	-
Rubber	Powdery mildew	31.86 kg	37.5 kg	-	-
Cumins & Coriander	Powdery mildew	12.75-17 kg	15-20 kg	-	-
Tobacco	Powdery mildew	85 kg	100 kg	-	-
Tebuconazole 2% DS					

Wheat	Loose smut Flag smut	0.2 kg/10 kg seed	10 Lt/ 10 kg seed		
Groundnut	Collar rot Root rot Stem rot	0.2 to 0.25 kg/10 kg seed	10 to 12.5 Lt/ 10 kg seed		
Tebuconazole 5.36% FS					
Wheat	Loose smut	0.2	3.33/10kg of seed	-	-
Tebuconazole 25.9% m/m EC					
Chili	Fruit rot Powdery mildew	0.125- 0.1875 kg	0.50-0.75 lit	500	5
Groundnut	Tikka & rust	0.125- 0.1875 kg	0.50-0.75 lit	500	49
Rice	Blast. Sheath Blight	0.1875 kg	0.750 lit	500	10
Onion	Purple Blotch	0.1563-0.18 75	0.625-0.750	500	21
Tebuconazole 25% WG					
Chilli	Powdery mildew, fruit rot	0.125-0.187 5	0.500-0.750	500	5
Groundnut	Tikka leaf spot, rust	0.125-0.187 5	0.500-0.750	500	22
Rice	Blast	0.1875	0750	500	10
Thifluzamide 24% SC					
Rice	Sheath Blight. Rhizoctonia solani	90 gm	375 gm	500	28
Thionphanate Methyl 70% WP					
Papava	Powdery mildew	500 gm	715 gm	750-1000	4-8
Apple	Scab	500 gm	715 gm	750-1000	3
Tomato	Ring rot	500 gm	715 gm	750-1000	7
Bottle gourd	Anthracoise	1000 gm	1430 gm	750-1000	1
Grades	Powdery Mildew, Anthracoise ,Rust	500	715	750-1000	14
		500	715	750-1000	14
		500	715	750-1000	14
Thiram 40 FS					

Maize	Seedling blight	9.6	24	100 ml to make slurry	-
Thiram 75% WS					
Groundnut	Collar rot	37.5 gm	50 gm	1	7-10
Wheat	Flag smut	18.8-22.5 gm	25-30 gm	1	7-10
	Karnal bunt	18.8-22.5 gm	25-30 gm	1	7-10
Barley	Leaf stripe	18.8-22.5 gm	25-30 gm	1	7-10
Maize	Seedling blight	18.8-22.5 gm	25-30 gm	1	7-10
Sorghum	Loose smut	18.8-22.5 gm	25-30 gm	1	7-10
	Seedling blight	18.8-22.5 gm	25-30 gm	1	7-10
Potato	Scab	18.8-22.5 gm	25-30 gm	1	7-10
Rice & cotton	Seed born disease	18.8-22.5 gm	25-30 gm	1	7-10
Triadimefon 25% WP					
Wheat	Bunt of Wheat	0.025%	0.500 kg	750	25
	Powdery mildew	65-135 gm	0.260-0.520	750	25
Pea	Rust. Powdery mildew	0.025%	0.100%	750	25
Grapes	Powdery mildew	0.0025%	0.010%	750	25
Urd Bean	Root rot (Macrophomina Phaseolina)		4 gm/kg seed	Seed treatment) Mix required quantity of the seeds with the required quantity of <i>Trichoderma viride</i> 1% WP and ensure uniform coating, shade dry and sow.	
Tricyclazole 75% WP					
Paddy	Blast	225-300 gm	300-400 gm	500	30
Validamycin 3% L					
Rice	Sheath Blight	60 gm	2000 gm	750	There should be no residues on grains and straw of paddy 14 days before the harvest.

Zineb 75% WP

Jowar	Red leaf spot	1.125-1.5 KG	1.5-2 KG	750-1000 Lt	
	Leaf spot	1.125-1.5 KG	1.5-2 KG	750-1000 Lt	
	Leaf blight	1.125-1.5 KG	1.5-2 KG	750-1000 Lt	
Paddy	Blast	1.125-1.5 KG	1.5-2 KG	750-1000 Lt	
Wheat	Rust Blight	1.125-1.5 KG	1.5-2 KG	750-1000 Lt	
Maize	Leaf Blight	1.125-1.5 KG	1.5-2 KG	750-1000 Lt	
Ragi (Bajra)	Blast	1.125-1.5 KG	1.5-2 KG	750-1000 Lt	
Tobacco	Leaf spot	1.125-1.5 KG	1.5-2 KG	750-1000 Lt	
Onion	Downy mildew	1.125-1.5 KG	1.5-2 KG	750-1000 Lt	
	Blight	1.125-1.5 KG	1.5-2 KG	750-1000 Lt	
Potato	Early blight	1.125-1.5 KG	1.5-2 KG	750-1000 Lt	
	Late blight	1.125-1.5 KG	1.5-2 KG	750-1000 Lt	
Tomato	Early blight	1.125-1.5 KG	1.5-2 KG	750-1000 Lt	
	Late blight	1.125-1.5 KG	1.5-2 KG	750-1000 Lt	
	Grey leaf mould	1.125-1.5 KG	1.5-2 KG	750-1000 Lt	
Chillies	Fruit rot	1.125-1.5 KG	1.5-2 KG	750-1000 Lt	
	Leaf spot	1.125-1.5 KG	1.5-2 KG	750-1000 Lt	
Brinjal	Blight	1.125-1.5 KG	1.5-2 KG	750-1000 Lt	
Cucurbits	Downy mildew	1.125-1.5 KG	1.5-2 KG	750-1000 Lt	
	Anthraxnose	1.125-1.5 KG	1.5-2 KG	750-1000 Lt	
	Leaf spot	1.125-1.5 KG	1.5-2 KG	750-1000 Lt	
Cauliflower	Leaf spot	1.125-1.5 KG	1.5-2 KG	750-1000 Lt	
Cumin	Early blight	1.125-1.5 KG	1.5-2 KG	750-1000 Lt	
Apple	Scab	1.125-	1.5-2 KG	750-1000 Lt	

		1.5 KG			
	Black rot	1.125-1.5 KG	1.5-2 KG	750-1000 Lt	
Citrus	Greasv spot	1.125-1.5 KG	1.5-2 KG	750-1000 Lt	
Cherries	Leaf spot	1.125-1.5 KG	1.5-2 KG	750-1000 Lt	
Grapes	Downv mildew	1.125-1.5 KG	1.5-2 KG	750-1000 Lt	
Guava	Fruit rot	1.125-1.5 KG	1.5-2 KG	750-1000 Lt	
Ziram 80% WP					
Grape	Downy mildew	1.2-1.6 kg	1.5-2.0 kg	750-1000	--
	Anthracos e	1.2-1.6 kg	1.5-2.0 kg	750-1000	--
Apple	scab	1.2-1.6 kg	1.5-2.0 kg	750-1000	21
Potato	Early blight	1.2-1.6 kg	1.5-2.0 kg	750-1000	3
Tomato	Early blight	1.2-1.6 kg	1.5-2.0 kg	750-1000	3

Combination Fungicides

Crop	Common name of the disease	Dosage per ha (a.i.)	Dosage/ha (Formulation)	Dilution	Waiting Period
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Ametoctradin + Dimethomorph 20.27% w/w SC					
Grape	Downey Mildew	420-525	800-1000ml	750	34
Cucurbits	Downey Mildew	420-525	800-1000ml	500	03
Potato	Late Blight	420-525	800-1000ml	500	32
Azoxystrobin 11% + Tebuconazole-18.3% SC W/W					
Chilli	Fruit rot Powdery mildew Die back	72.12	600-700	500-750	7
Rice	Sheath Blight	82.5+137.25	750	500	-
Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC					
Chilli	Anthraco-nose & Powdery Mildew	0.03% or 0.3 g/L	0.1% or 1 ml / Litre water	500	5
Tomato	Early blight & Late blight	0.03% or 0.3 g/L	0.1% or 1 ml / Litre water	500	5
Paddy	Blast & sheath blight	0.03% or 0.3 g/L	0.1% or 1 ml / Litre water	500	31
Maize	Blight & Downey Mildew	0.03% or 0.3 g/L	0.1% or 1 ml / Litre water	500	26
Wheat	Rust & Powdery mildew	0.03% or 0.3 g/L	0.1% or 1 ml / Litre water	500	35
Boscalid 25.2% + Pyraclostrobin 12.8% WG					
Grape	Downey Mildew & Powdery mildew	190-228	500-600	750-1000	34
Cantan 70% + Hexaconazole 5% WP					
Chillies	Fruit rot (Anthraco-nose)	375-750 gm	500-1000 gm	500 lt.	5 days
Potato	Early blight & Late blight	375-750gm	500-1000 gm	500 lt.	21 days
Carbendazim 12% + Mancozeb 63% WP					
Groundnut	Leaf spot, blast	375 gm	500 gm	500 lt.	72
Paddy	Blast	563 gm	750 gm	750 lt.	57
Potato	Early blight , late blight , black scuff	210+1102.5			
Tea	Blister blight , grey blight , red rust , die-back , black rot	(150+787.5) -(180+945)	1250-1500	250-500	7

Grape	Downey mildew, powdery mildew, anthracnose	0.11%	0.15%	As required depending on crop canopy	7
Mango	Powdery mildew and anthracnose	0.11%	0.15%	As required depending on crop canopy	7
Groudnut	Tikka leaf spot, collar rot and dry root rot	1.88	2.5	-	NA (Seed treatment)
Carbendazim 25%+ Mancozeb 50% WS					
Groundnut	Collar rot Dry root rot Tikka leaf spot	(7.5+15.0)To (8.75+17.5) (for 10 kg seed)	30-35	0.1	This is used as seed treatment
Potato	Late blight Black scurf	(1.5 + 3.0) To (1.75 + 3.5) (for 10 kg seed)	6 - 7	2	This is used as seed treatment
Paddy	Brown Spot , Seedling Blast , Sheath Blight	7.5+15 to 8.75+17.5	30-35	NA	NA
Wheat	Loose smut	7.5+15 to 8.75+17.5	30-35	NA	NA
Carbendazim 25 %+ Flusilazole 12.5% SE					
Paddy	Sheath blight	300-360	800-960	500	54
Groundnut	Stem rot , Early leaf spot, Late leaf spot	240-300	640-800	500	24
Carboxin 17.5% + Thiram 17.5% FF					
Wheat	Loose smut	8.75 to 10.5gm	25 to 30gm	100ml	Being a seed treatment fungicide , no waiting period is required
Carboxin 37.5% + Thiram 37.5% DS					
Wheat	Loose smut and	2.25	3.0 gm/Kg	0	About 3

	other seed borne and early soil borne diseases	gm/Kg seed	seed		Month
Soybean	Collar rot, Charcoal rot and other seedling diseases	2.25 gm/Kg seed	3.0 gm/Kg seed	0	About 3 Month
Cotton	Root rot, Bacterial bight	2.5gm/Kg seed	3.5 gm/Kg seed	0	About 3 Months
Groundnut	Collar rot,Seed rot,Root rot, Stem rot	2.25gm/ Kg seed	3 gm/Kg seed	0	About 3 Months
Pigeon pea	Seed rot, Root rot, Stem rot, Fusarium wilt	3 gm/Kg seed	4 gm/Kg seed	0	About 3 Months
Potato	Black scurf	1.87gm/Kg seed	2.5 gm/Kg seed	0	About 3 Months
Cymoxanil 8% + Mancozeb 64% WP					
Grapes	Downy mildew	1080-1440 gm	1500 – 2000gm	500-1000.	10 days
Potato	Late blight	1080 gm	1500 gm	500-750	10 days
Tomato	Late blight	1080 gm	1500 gm	500-750	10 days
Cucumber	Downy mildew	1080 gm	1500 gm	500-600	10 days
Famoxadone 16.6% + Cymoxanil 22.1% SC					
Grapes	Downy mildew	210	500	500-750	27
Potato	Late blight	210	500	500	40
Tomato	Early and Late Blight	210	500	500	3
Gherkin	Downy mildew	210	500	500-750	3
Fenamidone 4.44% + Fosetyl AI 66.7% WG					
Grade	Downy mildew	88.8 + 1334 - 111.0+ 1667.5 gm	2000-2500 gm	500-750 lt.	90 days
Fenamidone 10% + Mancozeb 50% WG					
Potato	Late blight	125+625-150+750 gm	1250-1500 gm	500 lt.	30
Grapes	Downy mildew	150+750 gm	1500 gm	500 -750	85
Gherkin	Downy mildew	150+750 gm	1500gm	375-500	5
Fluopicolide 4.44% + Fosetyl aluminium 66.67%WG.w/w					

Grape	Downy mildew	99.9 + 1500 to 111+ 1667	2.25-2.5 (2250-2500gm)	750li	40
Fluopyram 17.7% w/w + Tebconazole 17.7% w/w SC					
Grape	Powdery mildew and Anthraconase	Fluopyram 112.5 + Tebconazole 112.5	562.5	750-1000	10
Hexaconazole 4% + Zineb 68% WP					
Paddy	Sheath Blight , Brown Spot . Blast , Grain discolouration	(40+680)-(50+850)g m	1000-1250	500	34
Tea	Black Rot , Grey blight, Blister Blight	25+425 gm	625	250-500	7
Iprodione 25% + Carbendazim 25% WP					
Rice	Sheath Blight Blast	250 gm	500 gm	500 lt.	30
Metalaxyl M 4% + Mancozeb 64% WP					
Grapes	Downy mildew	0.17 %	0.25%	500-1000 lt.	8 days
Potato	Late blight	0.17 % or 1700 gm	0.25% or 2500 gm	500-1000 lt.	24 days
Black pepper	Phytophthora foot rot	0.17 % or 1700gm	0.25% or 2500 gm	2 lt./vine as foliar spray or 3 lt./vine as soil drench	21 days
Mustard	Downy mildew & White rust	0.17 % or 1700gm	0.25% or 2500 gm	1000 lt.	60 days.
Chilli	Damping Off	0.20%	0.3%	2.0l/m ²	53
Metalaxyl M 3.3% + Chlorothalonil 33.1% SC					
Potato	Late blight	0.073%	0.2%	500	34
Tomato	Early and Late blight	0.073%	0.2%	500	5
Metalaxyl 8% + Mancozeb 64% WP					
Grapes	Downy mildew	2000 g or 0.4%	2500 g or 0.5%	500 lt.	Not less than 7 weeks
Tobacco Nursery	Damping off	3600 g or 0.072%	5000 g or 0.1%	5000 lt.	Not less than 7 weeks

	Leaf blight/ Black Shank (Soil drench at sowing and spray at 30 days after sowing)	1440 g or 0.14%	2000 g or 0.2%	1000 lt.	Not less than 7 weeks
Potato	Late blight	1800 gm or 0.18%	2500 gm or 0.25%	1000 lt.	Not less than 7 weeks
Mustard	White rust and Alternaria blight	1800 gm or 0.18%	2500 gm or 0.5%	1000 lt.	Not less than 8 weeks
Black Pepper	Phytophthora foot rot	1.8 g.a.i/vine or 0.09%	2.5 gm/vine or 0.125%	2 lt./vine (spraying) 5 lt. / vine (soil drenching)	Not less than 21 weeks
Pearl millet	Downy mildew	1440 gm or 0.28%	2000 gm or 0.4%	500 lt.	Not less than 7 weeks
Metiram 55% + Pyraclostrobin 5% WG					
Tomato	Early blight	900-1050	1500-1750	500	5
Potato	Late blight	900-1050	1500-1750	500	15
Grape	Downy Mildew	900-1050	1500-1750	750	34
Chilli	Anthraco nose	900-1050	1500-1750	750	5
Onion	Purple Blotch	900-1050	1500-1750	750	16
Cotton	Alternaria leaf spot	900-1050	1500-1750	750	45
Apple	Premature leaf fall disease & Alternaria leaf spot and blight	1750g/ha	100g/100L	1750	12
Green gram	Cercopora leaf spot	900-150	1500-1750	500	18
Ground nut	Tika disease	900-1050	1500-1750	500	42
Pomegranate	Fruit spot	900-1050	1500-1750	500	67
Propiconazole 13.9% + Difenconazole 13.9% EC					
Paddy	Sheath blight, dirty panicle	0.02% - 0.03%	(0.07-0.1%) 0.7-1.0ml/l	500	46
Pyraclostrobin 133g/l + Etoxiconazole 50g/l SE					
Ground nut	Tikka	114.37-137.25	625-700	500	21
Wheat	Yellow rust	137.25	750	500	47
Coffee	Rust of Coffee	137.25	750	750	37

Soybean	Control of Cercospora leaf spot	137.25	750	500	27
Tebuconazole 10%WP+Sulphur65%WG					
Chilli	Powdery mildew& Fruit rot	937.50(125+812.5)	1250	500	5
Soybean	Leaf spot & Pod blight	937.50(125+812.5)	1250	500	26
Tebuconazole 50% + Trifloxvstrobin 25% WG					
Rice	Sheath blight, Leaf , Neck Blast, Glume discoloration (dirty panicle),	100 + 50	200	375-500	21 days
Rice	False smut and Brown leaf spot		350-400	500	35
Tomato	Early blight	175+87.5	350	500	3
Thiophanate Methyl 450g/l + Pyraclostrobin 50g/l w/v FS					
Okra	Post emergent damping off	15	30	500	NA
Soybean	Seedling rot	10-12.5	20-25	Sufficient to coat the seeds uniformly	NA
Groundnut	Stem rot	10-12.5	20-25	Sufficient to coat the seeds uniformly	NA
Potato for tuber	Black scurf	10	20	Sufficient to coat the seeds uniformly	NA

* Warning: When used as a foliar spray on Red Delicious variety of apples. This product may cause resetting.

** In case of fruit trees the values given pertain to the concentration of a.i. in spray solution and volume of spray solution required per tree.

