

PESTICIDES RECOMMENDATION FOR VEGETABLE CROPS

- **VEGETABLES**
- **CHILLIES**
- **ONION**
- **CABBAGE & CAULIFLOWER**
- **TOMATO**
- **OKRA (BHINDI)**
- **BRINJAL**
- **MUSK MELON /
WATER MELON/CUCURBITS**
- **PEAS**
- **SPINACH**
- **GUAR**

VEGETABLES INSECT CONTROL

S.#	INSECT PESTS	RECOMMENDED INSECTICIDE	DOSE/ACRE	NAME OF THE COMPANY/DISTRIBUTOR
i)	Jassid	Confidor SL200 Actara 25WP Mospilan 20SP Imida cloprid 25WP	80 ml 24 gm 125 gm 100 gm	Bayer CropScience Syngenta Arysta Generics
ii)	Thrip	Jozer 202SL Confidor SL200 Mospilan 20SP	125 ml 80-100 ml 125 gm	Pak Agro Chemicals/ Agri Farm Services Bayer CropScience Arysta
iii)	Whitefly	Confidor SL200 Polo 500SC Mospilan 20SP	250 ml 200 ml 125 gm	Bayer CropScience Syngenta Arysta
iv)	Beetles, caterpillars	Sevin 85SP Shogan 1.8EC Karate 2.5EC Thiodan 35EC Match 050EC Proclaim 019EC Tracer 240SC Steward 150SC Decis Super 100EC	250 gm 250 ml 400 ml 800-1000 ml 150-200 ml 200 ml 40 ml 175 ml 75 ml	Bayer CropScience Pak Agro Chemicals/ Agri Farm Services Syngenta Bayer CropScience Syngenta Syngenta Dow Agro Sciences Dupont Bayer CropScience
v)	Fruit/Pod borers	Decis Super 100EC Match 050EC Proclaim 019EC Larvin 80DF Sevin 85SP Karate 2.5EC Tracer 240SC Steward	75 ml 150-200 ml 200 ml 300 gm 250 gm 400 ml 40 ml 175 ml	Bayer CropScience Syngenta Syngenta Bayer CropScience Bayer CropScience Syngenta Dow Agro Sciences Dupont

CHILLIES INSECT CONTROL

S.#	INSECT PESTS	RECOMMENDED INSECTICIDE	DOSE/ACRE	NAME OF THE COMPANY/DISTRIBUTOR
i)	Thrip brown & Black	Mospilan 20SP Confidor SL200 Thiodan 35EC	125 gm 80-100 ml 600 ml	Arysta Bayer CropScience Bayer CropScience
ii)	Whitefly	Moziban 20SL Confidor SL200 Polo 500SC Mospilan 20SP	120 ml 250 ml 200 ml 125 gm	Pak Agro Chemicals/ Agri Farm Services Bayer CropScience Syngenta Arysta
iii)	Aphid	Mospilan 20SP Confidor SL200 Advantage 20EC Polo 500SC	125 gm 250 ml 500 ml 200 ml	Arysta Bayer CropScience F.M.C. Syngenta
iv)	Bud mite	Profenophos 500EC Curacron 500EC Polo 500SC	800 ml 800 ml 200 ml	Pak Agro Chemicals/ Agri Farm Services Syngenta Syngenta
v)	Fruit borer	Karate 2.5EC Danital 30EC Larvin 80DF Sevin 85SP Tracer 240SC Proclaim 019EC Curacron 500EC	400 ml 250 ml 300 gm 250 gm 80 ml 200 ml 800 ml	Syngenta Arysta Bayer CropScience Bayer CropScience Dow Agro Sciences Syngenta Syngenta

CHILLIES DISEASE CONTROL

S.#	DISEASE	RECOMMENDED FUNGICIDE	DOSE / 100 LITER OF WATER	TIME OF APPLICATION	NAME OF THE COMPANY/ DISTRIBUTOR
i)	Damping off	Ridomil Gold 68WP	250 gm/ 100 Liter of water	REMARKS Through drenching in beds when crop is 20 days old and the roots of chillies should be dipped for five minutes before transplanting.	Syngenta
		Derosal 500SC	200 ml	Through drenching in beds when crop is 20 days old and the roots of chillies should be dipped for five minutes before transplanting.	Bayer CropScience
		TopsinM 70WP	100 gm	Through drenching in beds when crop is 20 days old and the roots of chillies should be dipped for five minutes before transplanting.	Arysta
ii)	Anthracnose	Antracol 70WP	500 gm	Spray at appearance of disease.	Bayer CropScience
		Dithane M45	250 gm	Spray at appearance of disease.	Dow Agro Sciences
		Aliette 80WP	250 gm	Spray at appearance of disease.	Bayer CropScience

S.#	DISEASE	RECOMMENDED FUNGICIDE	DOSE / 100 LITER OF WATER	TIME OF APPLICATION	NAME OF THE COMPANY/ DISTRIBUTOR
iii)	Fruit rot	Sancozeb 80WP	250 gm	Spray at appearance of disease.	Pak Agro Chemicals/ Agri Farm Services
		Antracol 70WP	500 gm	Spray at appearance of disease.	Bayer CropScience
		Dithane M45	250 gm	Spray at appearance of disease.	Dow Agro Sciences
		TopsinM 70WP	100 gm	Spray at appearance of disease.	Arysta
iv)	Powdery mildew	Score 250EC	50 ml	At appearance of disease.	Syngenta
		TopsinM 70WP	100 gm	At appearance of disease.	Arysta
		Baytan Foliar 250EC	50 ml	At appearance of disease.	Bayer CropScience
v)	Collor stem rot	TopsinM 70WP	100 gm	At appearance of disease.	Arysta
		Aliette 80WP	250 gm	At appearance of disease.	Bayer CropScience
		Ridomil Gold 68WP	250 gm	At appearance of disease.	Syngenta

CHILLIES WEEDS CONTROL

S.#	WEEDS	RECOMMENDED HERBICIDE	DOSE/ ACRE	TIME OF APPLICATION	NAME OF THE COMPANY/ DISTRIBUTOR
i)	<u>Broad leaf weeds, sedges & grasses</u> Waho, Bhurt, Lulur, Mandhano, Sawri, Lunak & Kal/Kabah	Dual Gold 960EC	800 ml	Within 24 hours after transplanting.	Syngenta
		Stomp 455 G/L CS	1000 ml	Application on ridges before transplanting.	BASF
		Pendimethalin 330EC	1000 ml	Application on ridges before transplanting.	Pak Agro Chemicals/ Agri Farm Services

ONION INSECT CONTROL

S.#	<u>INSECT PESTS</u>	<u>RECOMMENDED INSECTICIDE</u>	<u>DOSE/ ACRE</u>	<u>NAME OF THE COMPANY/DISTRIBUTOR</u>
i)	Thrip (Brown & Black)	Confidor SL200 Thiodan 35EC Mospilan 20SP Kurifost 40EC	100 ml 600 ml 100 gm 600 ml	Bayer CropScience Bayer CropScience Arysta Pak Agro Chemicals/ Agri Farm Services
ii)	Army worm	Larvin 80DF Match 050EC Proclaim 019EC Lorsban 40EC	250 gm 150-200 ml 200 ml 1000 ml	Bayer CropScience Syngenta Syngenta Dow Agro Sciences
iii)	Lyphygma	Bulldock 025EC Match 050EC Proclaim 019EC Lorsban 40EC Talstar 10EC SumiAlpha 110EC	300 ml 150-200 ml 200 ml 1000 ml 250 ml 200 ml	Bayer CropScience Syngenta Syngenta Dow Agro Sciences F.M.C. Arysta

ONION DISEASE CONTROL

<u>S.#</u>	<u>DISEASE</u>	<u>RECOMMENDED FUNGICIDE</u>	<u>DOSE / 100 LITER OF WATER</u>	<u>TIME OF APPLICATION</u>	<u>NAME OF THE COMPANY/ DISTRIBUTOR</u>
i)	Downy mildew	Aliette 80WP	250 gm	At appearance of disease.	Bayer CropScience
		Success 72WP	250 gm	At appearance of disease.	Arysta
		Dithane M45	250-500 gm	At appearance of disease.	Dow Agro Sciences
ii)	Leaf spot (Purple bloch)	Antracol 70WP	500 gm	At appearance of disease.	Bayer CropScience
		Aliette 80WP	250 gm	At appearance Of disease.	Bayer CropScience
		Dithane M45	250 gm	At appearance of disease.	Dow Agro Sciences
		Copper oxychloride 50WP	500 gm	At appearance of disease.	Generic

ONION WEEDS CONTROL

<u>S.#</u>	<u>WEEDS</u>	<u>RECOMMENDED HERBICIDE</u>	<u>DOSE/ ACRE</u>	<u>TIME OF APPLICATION</u>	<u>NAME OF THE COMPANY/ DISTRIBUTOR</u>
i)	<u>Broad leaf weeds, sedges & grasses</u> Waho, Bhurt, Lulur, Mandhano, Sawri, Lunak & Kal/Kabah	Dual Gold 960EC	800 ml	Application on ridges before transplanting.	Syngenta
		Stomp 455 G/L CS	1000 ml	Application on ridges before transplanting.	BASF
		Pendimethalin 330EC	1000 ml	Application on ridges before transplanting.	Pak Agro Chemicals/ Agri Farm Services

CABBAGE & CAULIFLOWER INSECT CONTROL

S.#	INSECT PESTS	RECOMMENDED INSECTICIDE	DOSE/ACRE	NAME OF THE COMPANY/DISTRIBUTOR
i)	Diamond back moth	Regent 50SC Proclaim 019EC Steward 150SC Tracer 240SC Match 050EC	480 ml 200 ml 175 ml 80 ml 150-200 ml	Bayer CropScience Syngenta Dupont Dow Agro Sciences Syngenta
ii)	Leaf eating caterpillar	Regent 50SC Match 050EC Karate 2.5EC Proclaim 019EC Tracer 240SC Lorsban 40EC Talstar 10EC	480 ml 150-200 ml 400 ml 200 ml 4080 ml 1000 ml 250 ml	Bayer CropScience Syngenta Syngenta Syngenta Dow Agro Sciences Dow Agro Sciences F.M.C.

CABBAGE & CAULIFLOWER WEEDS CONTROL

S.#	WEEDS	RECOMMENDED HERBICIDE	DOSE/ACRE	TIME OF APPLICATION	NAME OF THE COMPANY/DISTRIBUTOR
i)	<u>Broad leaf weeds, sedges & grasses</u> Waho, Bhurt, Lulur, Sawri, Lunak & Kal/Kabah	Dual Gold 960EC Stomp 455 G/L CS	800 ml 1000 ml	Within 24 hours of transplanting. Application on ridges before transplanting.	Syngenta BASF

TOMATO INSECT CONTROL

S.#	INSECT PESTS	RECOMMENDED INSECTICIDE	DOSE/ACRE	NAME OF THE COMPANY/DISTRIBUTOR
i)	Whitefly	Mospilan 20SP Polo 500SC Confidor SL200 Moziban 20SL	125 gm 200 ml 250 ml 120 ml	Arysta Syngenta Bayer CropScience Pak Agro Chemicals/ Agri Farm Services
ii)	Fruit borer	Decis Super 100EC Proclaim 019EC Match 050EC Larvin 80DF Tracer 240SC Steward 150SC Shogun 1.8EC Thiodan 35EC	50-75 ml 200 ml 150-200 ml 450 gm 80 ml 175 ml 200-250 ml 1000 ml	Bayer CropScience Syngenta Syngenta Bayer CropScience Dow Agro Sciences Dupont Pak Agro Chemicals/ Agri Farm Services Bayer CropScience

TOMATO DISEASE CONTROL

S.#	DISEASE	RECOMMENDED FUNGICIDE	DOSE / 100 LITER OF WATER	TIME OF APPLICATION	NAME OF THE COMPANY/DISTRIBUTOR
i)	Leaf spot (Early blight)	Aliette 80WP	250 gm	At appearance of disease.	Bayer CropScience
		Antracol 70WP	500 gm	At appearance of disease.	Bayer CropScience
ii)	Fruit rot	Dithane M45	500 gm	At appearance of disease.	Dow Agro Sciences
		Antracol 70WP	500 gm	At appearance of disease.	Bayer CropScience
		Aliette 80WP	250 gm	At appearance of disease.	Bayer CropScience
		Redomil Gold 68 WP	250 gm	At appearance of disease.	Syngenta
		Copper oxychloride 50WP	500 gm	At appearance of disease.	Generic

OKRA (BHINDI) INSECT CONTROL

S.#	INSECT PESTS	RECOMMENDED INSECTICIDE	DOSE/ACRE	NAME OF THE COMPANY/DISTRIBUTOR
i)	Jassid	Actara 25WG	24 gm	Syngenta Bayer CropScience
		Confidor SL200	80 ml	
		Jozer 202SL	120 ml	
ii)	Fruit borer	Mospilan 20SP	125 gm	Pak Agro Chemicals/ Agri Farm Services Arysta
		Karate 2.5EC	400 ml	Syngenta F.M.C.
		Talstar 10EC	250 ml	
		Tracer 240SC	40 ml	Dow Agro Sciences
		Proclaim 019EC	200 ml	Syngenta
Steward 150SC	175 ml	Dupont		
Bulldock 025EC	330 ml	Bayer CropScience		

OKRA (BHINDI) DISEASE CONTROL

S.#	DISEASE	RECOMMENDED FUNGICIDE	DOSE / 100 LITER OF WATER	TIME OF APPLICATION	NAME OF THE COMPANY/ DISTRIBUTOR
i)	Powdery mildew	Score 250EC	50 ml	At appearance of disease.	Syngenta
		Baytan Foliar 250EC	40 ml	At appearance of disease.	Bayer
		Topsin M70WP	100 gm	At appearance of disease.	CropScience Arysta
ii)	Leaf spot	Antracol 70WP	500 gm	At appearance of disease.	Bayer CropScience
		Aliette 80WP	250 gm	At appearance of disease.	Bayer CropScience
		Dithane M45	250-500 gm	At appearance of disease.	Dow Agro Sciences
		Carbendazim 50WP	200 gm	At appearance of disease.	Pak Agro Chemicals/ Agri Farm Services/ Ali Akbar
		Topas 100EC	50 ml	At appearance of disease.	Syngenta
		Copper oxychloride 50WP	500 gm	At appearance of disease.	Generic

OKRA (BHINDI) WEEDS CONTROL

S.#	WEEDS	RECOMMENDED HERBICIDE	DOSE/ ACRE	TIME OF APPLICATION	NAME OF THE COMPANY/ DISTRIBUTOR
i)	<u>Broad leaf weeds, sedges & grasses</u> Waho, Bhurt, Lulur, Mandhano, Sawri, Lunak & Kal/Kabah	Dual Gold 960EC	800 ml	Within 24 hours of transplanting	Syngenta
		Stomp 455 G/L CS	1000 ml	On ridges before sowing.	BASF
		Pendimethalin 330EC	1000 ml	On ridges before sowing.	Pak Agro Chemicals/ Agri Farm Services

BRINJAL INSECT CONTROL

S.#	INSECT PESTS	RECOMMENDED INSECTICIDE	DOSE/ACRE	NAME OF THE COMPANY/DISTRIBUTOR
i)	Jassid	Actara 25WG Confidor SL200 Jozer 202EC	24 gm 80 ml 120 ml	Syngenta Bayer CropScience Pak Agro Chemicals/ Agri Farm Services
		Mospilan 20SP	125 gm	Arysta
ii)	Thrips	Confidor SL200 Mospilan 20SP Match 050EC	80 ml 125 gm 200 ml	Bayer CropScience Arysta Syngenta
iii)	Thrip black	Thiodan 35EC	600 ml	Bayer CropScience
iv)	Shoot borer	Decis Super 100EC Karate 2.5EC Danitol 30EC Talstar 10EC Bulldock 025EC Shogan 1.8EC	75 ml 400 ml 250 ml 250 ml 300 ml 250 ml	Bayer CropScience Syngenta Arysta F.M.C. Bayer CropScience Pak Agro Chemicals/ Agri Farm Services
v)	Fruit borer	Proclaim 019EC Match 050EC Tracer 240SC Steward 150SC Larvin 80DF Shogun 1.8EC	200 ml 150-200 ml 80 ml 175 ml 450 gm 200-250 ml	Syngenta Syngenta Dow Agro Sciences Dupont Bayer CropScience Pak Agro Chemicals/ Agri Farm Services
		Decis Super 100EC Bulldock 025EC	50-75 ml 300 ml	Bayer CropScience Bayer CropScience

MUSK MELON / WATER MELON / CUCURBITS INSECT CONTROL

S.#	INSECT PESTS	RECOMMENDED INSECTICIDE	DOSE / 100 LITER OF WATER	NAME OF THE COMPANY/DISTRIBUTOR
i)	Jassid	Actara 25WG Confidor SL200 Jozer 202EC Mospilan 20SP	25 gm 60 ml 120 ml 125 gm	Syngenta Bayer CropScience Pak Agro Chemicals/ Agri Farm Services Arysta
ii)	Thrip	Confidor SL200 Mospilan 20SP	80 ml 125 gm	Bayer CropScience Arysta
iii)	Whitefly	Confidor SL200 Polo 500SC Mospilan 20SP	250 ml 200 ml 125 gm	Bayer CropScience Syngenta Arysta
iv)	Red pumpkin beetle Hadda beetle Cutworm	Sevin 85SP Karate 2.5EC Bulldock 025EC Lorsban 40EC	250 gm 500 cc 500 cc 200 cc	Bayer CropScience Syngenta Bayer CropScience Dow Agro Sciences
v)	Heliothis	Proclaim 019EC Tracer 240SC Steward 150SC Larvin 80DF Match 050EC Lorsban 40EC Bulldock 025EC	30 ml 40 ml 75 ml 75 gm 50 cc 200 cc 200 ml	Syngenta Dow Agro Sciences Dupont Bayer CropScience Syngenta Dow Agro Sciences Bayer CropScience
vi)	Fruit fly	Dipterex SP80	100-160 gm	Bayer CropScience

MUSK MELON DISEASE CONTROL

S.#	DISEASE	RECOMMENDED FUNGICIDE	DOSE /100 LITER OF WATER	TIME OF APPLICATION	NAME OF THE COMPANY/ DISTRIBUTOR
i)	Powdery mildew	Baytan Foliar 250EC	50 ml	At the time of first sign of disease.	Bayer CropScience
		Carbendazim 50WP	200 gm	At the time of first sign of disease.	Pak Agro Chemicals/ Agri Farm Services/ Ali Akbar
		Score 250EC	50 ml	At the time of first sign of disease.	Syngenta
	Downy mildew	Topsin M 70WP	100 gm	At the time of first sign of disease.	Arysta
		Aliette 80WP	250 gm	At the time of first sign of disease.	Bayer CropScience
		Antracol 70WP	500 gm	As preventive application.	Bayer CropScience
		Dithane M45	250-500 gm	At the time of first sign of disease.	Dow Agro Sciences
		Success 72WP	250 gm	At the time of first sign of disease.	Arysta
		Ridomil Gold 68WP	250 gm	At the time of first sign of disease.	Syngenta

CUCURBITS DISEASE CONTROL

S.#	DISEASE	RECOMMENDED FUNGICIDE	DOSE / 100 LITER OF WATER	TIME OF APPLICATION	NAME OF THE COMPANY/ DISTRIBUTOR
i)	Powdery mildew	Topsin M70 WP	100 gm	At the time of first sign of disease.	Arysta
	Downy mildew	Carbendazim 50WP	200 gm	At the time of first sign of disease.	Pak Agro Chemicals/ Agri Farm Services/ Ali Akbar
		Baytan foliar 250EC	50 ml	At the time of first sign of disease.	Bayer CropScience
		Score 250EC	50 ml	At the time of first sign of disease.	Syngenta
		Topas 100EC	50 ml	At the time of first sign of disease.	Syngenta
		Aliette 80WP	250 gm	At the time of first sign of disease.	Bayer CropScience
		Success 72WP	250 gm	At the time of first sign of disease.	Arysta
		Antracol 70WP	500 gm	As preventive application.	Bayer CropScience
		Topsin M70 WP	100 gm	As preventive aApplication.	Arysta
		Dithane M45	250-500 gm	At the time of first sign of disease.	Dow Agro Sciences
		Metalyxl+Mancozab	250 gm	At the time of first sign of disease.	Pak Agro Chemicals/ Agri Farm Services/ Generic

PEAS DISEASE CONTROL

S.#	DISEASE	RECOMMENDED FUNGICIDE	DOSE / 100 LITER OF WATER	TIME OF APPLICATION	NAME OF THE COMPANY/ DISTRIBUTOR
i)	Powdery mildew	Score 250EC	50 ml	Dec March	Syngenta
		Baytan Foliar 250EC	50 ml	Dec March	Bayer CropScience
		Topsin M70WP	100 gm	Dec March	Arysta
		Topas 100EC	50 ml	Dec March	Syngenta

SPINACH DISEASE CONTROL

S.#	DISEASE	RECOMMENDED FUNGICIDE	DOSE / 100 LITER OF WATER	TIME OF APPLICATION	NAME OF THE COMPANY/ DISTRIBUTOR
i)	Leaf spot	Aliette 80WP	250 gm	Sept -April	Bayer CropScience
		Antracol 70WP	500 gm	Sept -April	Bayer CropScience
		Caliper 50WP	500 gm	Sept- April	Ali Akbar Enterprise
		Dithane M45	250-500 gm	Sept- April	Dow Agro Sciences

GUAR DISEASE CONTROL

S.#	DISEASE	RECOMMENDED FUNGICIDE	DOSE / 100 LITER OF WATER	TIME OF APPLICATION	NAME OF THE COMPANY/ DISTRIBUTOR
i)	Leaf spot	Antracol 70WP	500 gm	August Sept	Bayer CropScience
		Aliette 80WP	250 gm	August Sept	Bayer CropScience
		Dithane M45	250-500 gm	August Sept	Dow Agro Sciences