



UTKARSH - SPRAY SCHEDULE FOR CAULIFLOWER

CROP STAGE	Days after transplantation	Grade/product	Spray-In 15 litre water gm/ml	Spray-In 200 litre water kg/litre
FOR HEALTHY AND SPEEDY GROWTH	<i>10th day Spray</i>	19:19:19	100 gm	4 kg
		Stress Free	45 ml	0.6 litre
	<i>25th Day Spray</i>	19:19:19	100 gm	4 kg
		Stress Free	45 ml	0.6 litre
FLOWER FORMATION STAGE	<i>40th day spray</i>	Panther	40 ml	0.5 litre
		Combi – 2	30 gm	0.4 kg
	<i>55th day spray</i>	Horse Power	80 ml	1 litre
		Bhim	15 ml	200 ml
FOR FLOWER GROWTH, WEIGHT, COLOR AND QUALITY	<i>70th day spray</i>	13-0-45	75-100 gram	2 kg
		Boronated CAN	75 grams	8 kg
		Bhim	15 ml	200 ml
	<i>85th day spray</i>	0-0-50	75-100 gram	1 kg
		Combi – 2	30 grams	0.4 kg

UTKARSH - FERTILIZER SCHEDULE FOR CAULIFLOWER – 1 ACRE – For surface irrigation

CROP STAGE	FERTILIZER NAME	QUANTITY
Basal dosage – Before plantation	FYM /Compost	6-8 tons
	DAP/SSP	50 kg/150kg
	Urea	50 kg
	MOP	50 kg
	Combi soil	15 kg
After 4 weeks of transplantation	Urea	50 kg
	Magnesium Sulphate	15 kg
	MOP	25 kg

UTKARSH - FERTILIZER SCHEDULE FOR CAULIFLOWER – 1 ACRE – For drip irrigation

<u>CROP STAGE</u>	<u>FERTILIZER</u>	<u>QUANTITY</u>
After transplanting to 7 days	19:19:19	4 kg
8 to 20 days after transplanting	Urea	7 kg
	12:61:00(MAP)	4 kg
	13:0:45(NOP)	4 kg

21 to 45 days after transplanting	Urea	7 kg
	Horse Power	10 litres
	13:0:45(NOP)	4 kg
46 to 48 days after transplantation	Magnesium Sulphate	6 kg
49 to 60 days after transplantation	Urea	30 kg
	12:61:00	4-5 kg
	MOP	25 kg
61 to 63 days	Calcium Nitrate	10 kg
	BeShape	1 kg
64 to 75 days	13:0:45	4-5 kg
76 days till harvesting	0:0:50	4-5 kg
	Combi 2	1 kg

Diseases and Pest control

Disease and Pest Observation	Method of Application	Product Name	Dose
Diamondback moth	Trap/Lure	Diamond Back Moth DBM Lure with Water Trap	5-7/acre

Beet armyworm	Trap/Lure	Fall Army Worm FAW Lure with Funnel Trap	5-7/acre
Cauliflower Aphid	Spray	Beveroz + Verticoz	7-10 gram/ Liter of water each
Cauliflower looper	Spray	Beveroz	7-10 gram / Liter
Cucumber beetles	Spray	Beveroz + Verticoz	7-10 gram / Liter Each
Cutworms Argotic spp	Spray	Beveroz	7-10 gram / Liter
Flea beetles	Spray	Beveroz + Verticoz	7-10 gram/ Liter Each
Thrips	Spray	Beveroz + Verticoz	7-10 gram / Liter Each
Blackleg	Drenching	Tricho-P + Trichoherz-P	1-3 Liter/ Acre each
Club root	Drenching	Tricho-P + Trichoherz-P	1-3 Liter/ Acre each
Downy mildew	Spray	MildewNIL	0.5 ml/litre
Powdery mildew	Spray	MildewNIL	0.5 ml/litre
Sclerotinia stem rot	Drenching	Tricho-P + Trichoherz-P	1-3 Liter/ Acre each
Cauliflower mosaic	Spray	Beveroz + Viroz	7/4 ml/Liter
Ring spot	Spray	Trichoherz-P +Viroz	7/4 ml/Liter
Wire stem	Drenching	Tricho-P + Trichoherz-P	1-3 Liter/ Acre each
Bacterial soft rot	Drenching	MildewNIL	0.5 ml/litre

Blackleg	Drenching	Trichoz-P + Trichoherz-P	1-3 Liter/ Acre each
Black rot	Drenching	Trichoz-P + Trichoherz-P	1-3 Liter/ Acre each
Clubroot of cauliflower	Drenching	Trichoz-P + Trichoherz-P	1-3 Liter/ Acre each

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