



### UTKARSH - SPRAY SCHEDULE FOR CAULIFLOWER

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

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

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

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

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

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

### **Diseases and Pest control**

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

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

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

For more details, contact:

**Utkarsh Agrochem Pvt Ltd**

177-179, Golden Plaza, Behind Kamrej Police Station,  
NH No.8, Taluka: Kamrej, District: Surat – 394185

**[www.utkarshagro.com](http://www.utkarshagro.com)**

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