



# Harit Sanjivani Crop Schedule

## Crop: Sugar Cane

**Start sowing:** 15 December to 15 February, **Pre-sowing:** 15 October to 15 November,

**Sowing:** 15 July to 15 August

### How to apply Harit Sanjivani Products

While transplanting use **Defend 3 gm + Spray Max-85 1 ml** for drenching or through drip irrigation

Products of Harit Sanjivani	Time & Methods of Apply
<b>Sure Sugar Stage 1 - 250 gm + Soil Health Special 500 gm</b> (Per acre)	At the time of sowing or transplanting or up to 30 to 40 days after sowing or transplanting apply in soil by mixing it with any chemical fertilizer or organic manure or in 40 to 50 kg dry soil or through drip irrigation or drenching.
<b>Sure Sugar Stage 2- 300 gm - 2gm + Spray Max-85 1ml per liter of water</b>	Spraying should be done in 40 to 45 days after sowing or transplanting. (If there is drip irrigation then through drip irrigation can also be given)
<b>Sure Sugar Stage 3- 400 gm - 2 gm + Spray Max-85 1ml per liter of water</b>	Spraying should be done in 60 to 65 days after sowing or transplanting. (If there is drip irrigation then through drip irrigation can also be given)
<b>Sure Sugar Stage 4- 500 gm - 2 gm + Spray Max-85 1 ml per liter of water</b>	Spraying should be done in 80 to 85 days after sowing or transplanting. (If there is drip irrigation then through drip irrigation can also be given)
<b>Sure Sugar Stage 5 - 250 gm + Soil Health Special 500 gm</b> (Per acre)	After sowing or transplanting it can be given up to 100 to 120 days by mixing with any chemical fertilizer or organic manure or in 40 to 50 kg in dry soil or through drip irrigation or drenching.
<b>Spray Max-85 can give 500 ml per acre by drip irrigation or drenching.</b>	

### Time and dose of Macro and Micro Nutrients

## (Volume per acre)

Bio-fertilizers like Trichoderma, Pseudomonas, Phosphorus soluble bacteria, Azotobacter, mixed with cow dung or compost manure per 1 kg each.

- 1) At the time of transplanting Nitrogen 40 kg, Phosphorus 85 kg, potash 85 kg, mix micronutrients 30 kg
- 2) 45 to 60 days after transplanting- Nitrogen 160 kg
- 3) 90 to 110 days after transplanting Nitrogen - 40 kg
- 4) At the time of last soil application Nitrogen 160 kg, Phosphorus 85 kg, potash 85 kg, mix micronutrients 30 kg

Sugar Cane diseases and Treatment	Sugar Cane diseases and Treatment
<p><b>Fungus: 1) Red Rot</b></p>  <p><b>Treatment :</b> Spraying (volume per liter)  <b>Defend 2 gm</b> + Metalaxyle (+) Mancozeb 2 gm + <b>Spray Max-85</b> 1 ml</p>	<p><b>2)Smut</b></p>  <p><b>Treatment :</b> Spraying (volume per liter)  <b>Defend 2 gm</b> + Metalaxyle (+) Mancozeb 2 gm + <b>Spray Max-85</b> 1 ml</p>
<p><b>3)Wilt</b></p>  <p><b>Treatment :</b> Spraying (volume per liter)  <b>Defend 2 gm</b> + Metalaxyle (+) Mancozeb 2 gm + <b>Spray Max-85</b> 1 ml  <b>Drenching:</b> <b>Defend 2 gm</b> + Metalaxyle 1.5 gm + <b>Spray Max-85</b> 1 ml</p>	<p><b>4)Pokkah bong</b></p>  <p><b>Treatment :</b> Spraying (volume per liter)  <b>Defend 2 gm</b> + Hexaconazole (+) Captan 2 gm + <b>Spray Max-85</b> 1 ml  <b>Drenching:</b> <b>Defend 2 gm</b> + Metalaxyle 2.5 gm + <b>Spray Max-85</b> 1 ml</p>

<p><b>4) Rust</b></p>  <p><b>Treatment :</b> Spraying (volume per liter)  <b>Defend 2 gm</b> + Hexaconazole (+) Zineb 2 gm + <b>Spray Max-85</b> 1 ml</p>	<p><b>Viral: Yellow mosaic</b></p>  <p><b>Treatment :</b> Spraying (volume per liter)  <b>Rapid 2 ml</b> + Acephate 1.5 gm + <b>Spray Max-85</b> 1 ml          2 days after this spraying  <b>Fruit Special</b> 2 gm + Chelated zinc 1 gm + 13: 40: 13 - 5 gm + <b>Spray Max-85</b> 1 ml</p>
<p><b>Bacterial:</b> Grassy Shoot, Red strip, Leaf scald</p> <p><b>Treatment :</b> Spraying (volume per liter)</p> <p>1) <b>Defend 2 gm</b> + Captan 2 gm + Streptocycline 6 gm / 50 L + <b>Spray Max-85</b> 1 ml</p> <p>2) Copper oxychloride 2 gm + Streptocycline 6 gm / 50 L + <b>Spray Max-85</b> 1 ml</p> 	
<p><b>Sucking pest:</b></p>  <p>Aphids, Leaf hopper, Scale, Mealy bug</p> <p><b>Treatment :</b> (volume per liter):  <b>Rapid 1.5 ml</b>+ Clothianidin (Dantotsu) 0.5 gm + <b>Spray Max-85</b> 1 ml</p>	
<p><b>Pest:</b></p> <p>Shoot borer / Internode borer          Humani (White Grubs)</p>	<p><b>Insecticide:</b></p> <p>Emamectin 1 gm + Dichlorvose 1 ml + <b>Spray Max-85</b> 1 ml          Barazide 3ml + <b>Spray Max-85</b> 1 ml          Drenching: Chloropyrifos 50% (+) Cypermethrin 5% 3ml + <b>Spray Max-85</b> 1 ml</p>



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## Instructions :

- 1) **Sure Sugar Stage 2, 3, 4** can be mixed with any pesticide, insecticides, fungicides, fertilizer except alkaline such as Copper, Sulphour, Bordeaux mixture.
- 2) In every spraying use **Spray Max-85** in the ratio of 1 ml per liter.

**(Sugar Cane crop schedule given by field trials, farmers experience and agricultural universities trials and the schedule can be change according to soil type and environment)**