



For office use only

*A
Report
On*

*Evaluation of product
RCM-HARIT SANJIVANI
(NOCA Certified nutrient supplement)
on Cotton for yield and quality improvement
(Agency Trial)*

**Conducted at
RRC, (Dr. PDKV, Akola), Amravati
During
(2020-21)**



*Submitted by
Head
Regional Research Center (Dr. PDKV)
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Proforma

1. Location:	Regional Research Center, (Dr. PDKV), Amravati	
2. State:-	Maharashtra	
3. Year :-	2020-21	
4. Zone :	Central	
TRIAL:	SAU trial	
Experimental Details:		
Number of Entries :-	01 (Ajeet 155)	
Number of Treatments :	06	
Number of replications :	4	
Number of Rows/ Entry :	4	
Design :	Randomised Block Design (RBD)	
Spacing :-	120 x 60 cm H x H	
Plot Size:	7.20 x 4.80 m ²	
Crop grown during previous season:	Gram	
Soil type :-	Medium Black Soil	
Sowing date :	19/06/2020	
Gap filling date :	29/06/2020	
Thinning date:	29/06/2020	
Fertilizer applied	Chemical Fertilizer applied through Straight Fertilizers viz. Urea, SSP and MOP	
Dose		
	N : P : K	Date
Basal Dose	45:65:65	29/6/2020
Top Dressing	40 Kg N	6/7/2020
	40 Kg N	7/8/2020
Number of Irrigations		
	Date	Irrigation Details
	23/11/2020	Flood Irrigation
	15/12/2020	Flood Irrigation
	31/12/2020	Flood Irrigation
Weed control/ Mechanical details		
	Date	Details
Weeding	8/7/2020	
Weeding	4/8/2020	
Hoeing	9/7/2020	
Hoeing	5/8/2020	

Plant Protection Measures :

S.N.	Chemical Dose	Days	Date
1.	Neemark 300 ppm (50 ml /10 l water)		2/7/2020
2.	Aceitamaprid 20 SP (1.5 g/10 l water)		22/7/2020
3.	Imidacloprid 200 SC + Carbendazim 50WP		30/8/2020
4.	Neemark 300 ppm + Carbendazim 50WP (50 ml + 10 g/10 l water)		15/10/2011
5.	Emamectin Benzoate 5% SG		10/11/2020

Picking:**Dates of Picking**

27/11/2020

18/12/2020

27/0/2021

Protocol:

Treatments	Stage I (g/acre)	Stage II (g/acre)	Stage III (g/acre)	Stage IV (g/acre)
	At Sowing (Soil Applin.)	30 DAS (Foliar Spray)	30 DAS (Foliar Spray)	30 DAS (Foliar Spray)
T1	150	75	125	150
T2	200	100	150	200
T3	250	125	175	250
T4	300	150	200	300
T5	350	200	250	350
T6	0	0	0	0

