

Bio- efficacy evaluation of a new organic yield enhancer - Vigore Premium in groundnut.
Junagadh Agricultural University, Junagadh.



Experiment details:

Year of Experiment: *Kharif* 2013-14

Design: Randomized Block Design

Treatments: 8

Replications: 3

Variety: Gujarat Groundnut-20

Year: Kharif 2013

Dosage: RDF 100% + Vigore @ 250 g/ acre along with basal dose + Spray application of Vigore Premium @ 1 g/lit. of water at 25 DAS, 45-50 DAS & 65-70 DAS.

Treatments	No. of branches/ plant	No. of pods/ plant	100 Kernel weight (g)	Shelling %	Pod yield (kg/ha)	Haulm yield (Kg/Ha)
Control Plot	5.73	12.17	47.29	69.11	1250	2087
Vigore applied plot	7.27	14.67	53.4	73.93	1479	2545
% increase	26.8 %	13 %	13.4	7 %	18.32 %	22 %

Conclusion:

The results clearly indicated that the growth of groundnut in terms of plant height, plant spread, number of pods, 100 kernel weight, and shelling % increased with application of Vigore Premium , applied either as soil application or spray application. With the application of Vigore Premium, the yield of groundnut in term of pod yield is increased by 18.32 % and haulm yield is increased to the extent of 22% over control plots.

