



Fertilizers for increasing Sesame yield

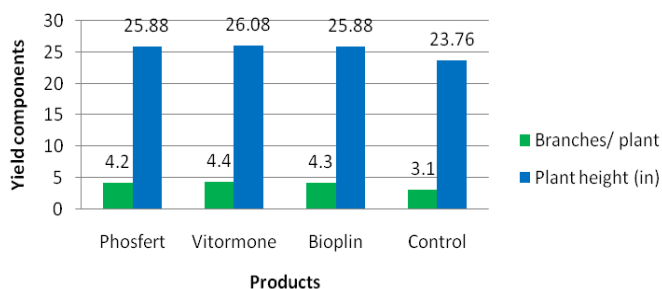
Bioplin- N fixer, Phosfert- PSB, Vitormone- Foliar N fixer

Protocol:

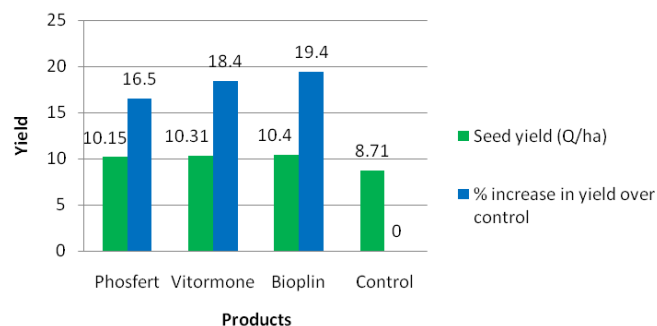
Crop: Sesame
Institute: Vishva-Bharti, Sriniketan, WB
Year of trial: 1998-2000
Trial No: Agric.Sci.Digest:20(2):90-92 (2002)
Product: Bioplin, Phosfert, Vitormone
Application: @ 2 L/ha

Treatment	Phosfert	Vitormone	Bioplin
Branches/ plant	4.2	4.4	4.3
Test wt (g)	3.11	3.13	3.13
Seed yield (Kg/ha)	1015	1031	1040
% increase in yield over control	16.50	18.40	19.40

Effect of Bio-fertilizers on Sesame



Effect of Bio-fertilizers on Yield



Conclusion:

1. Phosfert @ 2L/ha significantly increased plant height by 8.92%, Branches/plant by 35.48% test weight by 9.50% and yield by 16.50%
2. Vitormone @ 2L/ha significantly increased plant height by 9.76%, Branches/plant by 41.93%, test weight by 10.21% and yield by 18.40%
3. Biopli @ 2L/ha significantly increased plant height by 8.92%, Branches/plant by 38.71%, test weight by 10.21% and yield by 19.40%

