



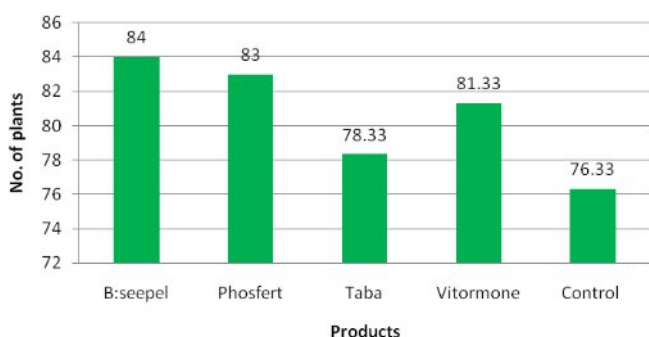
Agri-Bio-inputs for INM in Soybean

B:seepel- Bio-organic seed dresser, Phosfert- PSB
Vitormone- Foliar N fixer, Taba- Bio-organic spray

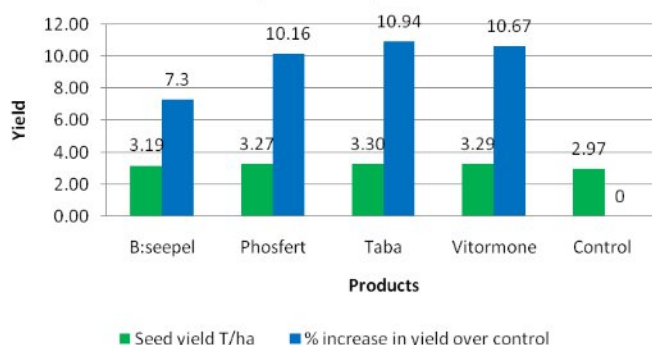
Protocol:
Crop: Soybean
Institute: Agharkar Research Institute, Pune
Year of trial: 2012-13
Trial No: 9/2/2012/Adm-4042 dtd.2.8.12
Product: B:seepel, Phosfert, Vitormone, Taba
Application: B:seepel -5g (seed treatment)
 Phosfert @ 0.5ml/L 15 DAS,
 Vitormone @ 2ml/L 45 DAS,
 Taba @ 2ml/L 20 & 55 DAS.

Treatment	Plant ht (cm)	No. of plants/row at harvest	Seed yield T/ha	% increase in yield over control
B:seepel	56.7	84.00	3.19	7.30
Phosfert	51.5	83.00	3.27	10.16
Taba	49.6	78.33	3.30	10.94
Vitormone	48.4	81.33	3.29	10.67
Control	59.2	76.33	2.97	0.00

No. of plants /row at harvest



Effect of Agri-bio-inputs on Yield



Conclusion:

1. Application of B:seepel @5g/kg seeds increases germination & plant stand by 10.05% up to harvest over control
2. Application of Taba, Phosfert and Vitormone effectively increased yield by 10.94% , 10.16% and 10.67% respectively over control
3. B:seepel, Taba, Phosfert and Vitormone did not show any phytotoxic effect on soybean when sprayed individually or in combination with 75% POP.

