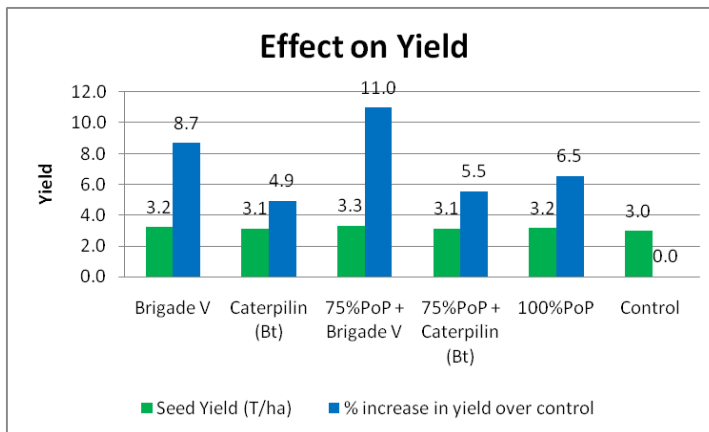
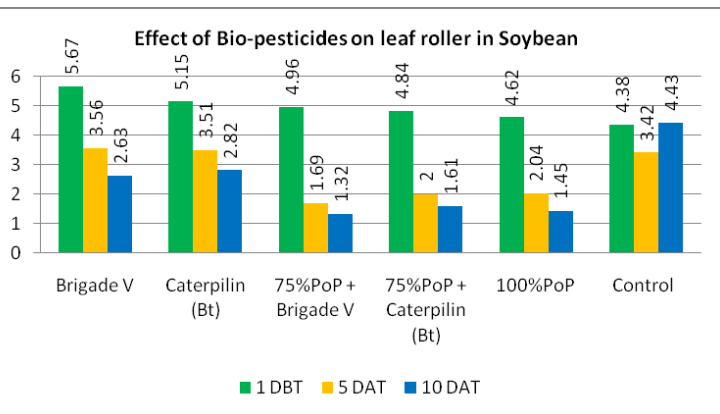




Insecticides for management of Leaf roller in Soybean

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: Brigade V ,Caterpilin(Bt)
Application: One spray at 40 DAS @5g/L (Brigade V) and 0.5g/L (Caterpilin)

Treatment	1 DBT	5 DAT	10 DAT	Yield (T/ha)	% increase
Brigade V	5.67	3.56	2.63	3.217	8.68
Caterpilin (Bt)	5.15	3.51	2.82	3.106	4.93
75%PoP + Brigade V	4.96	1.69	1.32	3.285	10.98
75%PoP + Caterpilin (Bt)	4.84	2.00	1.61	3.124	5.54
100%PoP	4.62	2.04	1.45	3.153	6.52
Control	4.38	3.42	4.43	2.96	0



Conclusion:

1. One spray of Brigade-V @5g/L and Caterpilin@ 0.5g/L at 40 DAS significantly controlled leaf roller of soybean by 40.63 % and 36.44 respectively over control
2. One spray of Brigade-V @5g/L and Caterpilin@ 0.5g/L at 40 DAS effectively increased yield by 8.68% & 4.93% respectively over control
3. Brigade-V and Caterpilin did not show any phytotoxic effect on soybean when sprayed individually or in combination with 75% POP.

