

Bio-Efficacy of **Rhizocare** Against Soil borne Pathogens Causing Wilt in **Vegetables**

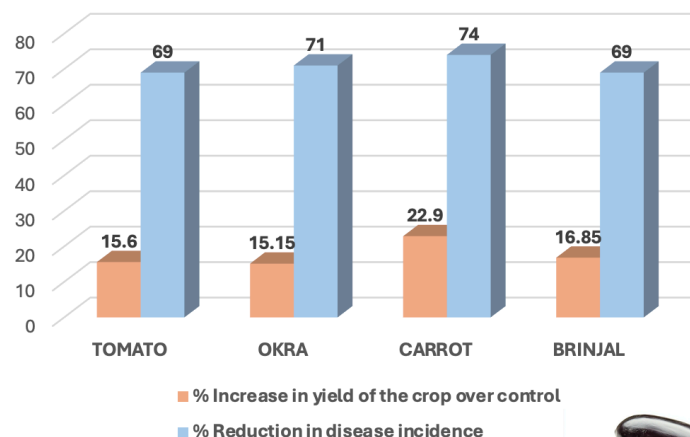
Institute Name	Indian Institute of Horticultural Research
Location	Bangalore
Crop	Tomato, Okra, Brinjal, Carrot
Product	Rhizocare (T.viride)
Method of Application	Seed treatment ,Nursery Bed Treatment and Soil application
Effective treatment with dose	Seed treatment @20g/kg of seed+ Nursery bed treatment @50g/m ² +Soil application of 5 tons enriched FYM (5ton FYM+5 kg of Trichoderma)/ha
Benefits	<ul style="list-style-type: none"> Effective in management of soil borne pathogens causing wilt. Develops crop resistance.



Fusarium wilt of Tomato Fusarium wilt of Brinjal Fusarium wilt of Okra Sclerotium wilt of Carrot

Symptoms of Wilt in vegetables

Performance of Rhizocare over control



RESULTS

Parameters	% Increase in yield of the crop over control	% Reduction in disease incidence	Ratio of additional cost to additional returns
TOMATO	15.6	69	1:5.4
OKRA	15.15	71	1:4.0
CARROT	22.9	74	1:7.0
BRINJAL	16.85	69	1:2.0

