

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

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



Fusarium wilt of Tomato



Fusarium wilt of Brinjal



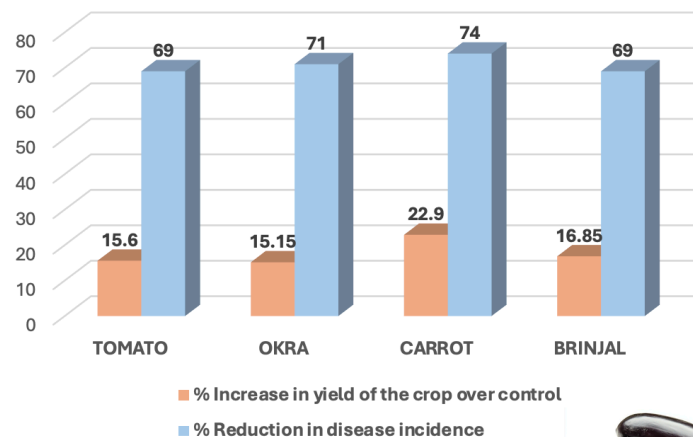
Fusarium wilt of Okra



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

