



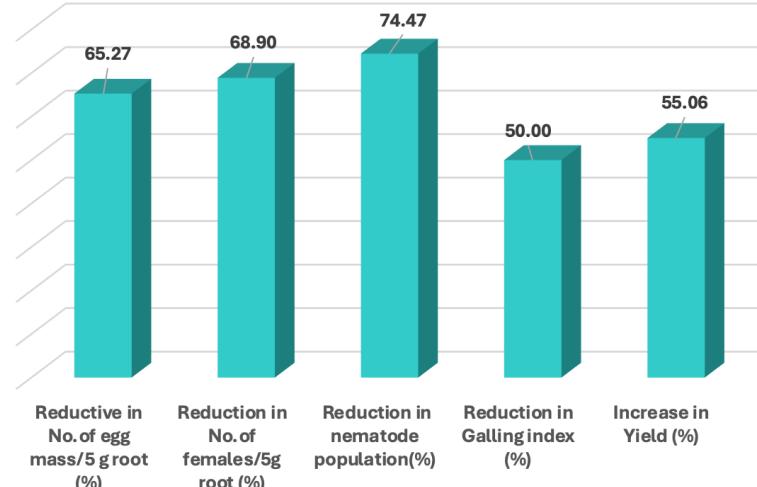
Biological Solutions for Soil and Crop Health



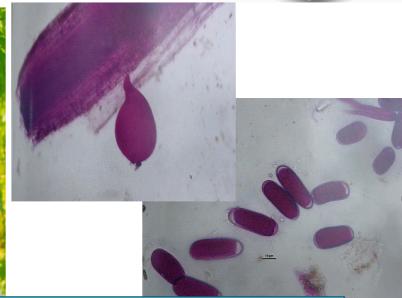
Institute Name	Tamil Nadu Agricultural University
Location	Coimbatore, Tamil Nadu
Crop	Bitter Gourd
Variety	F1 hybrid Palee
Product	Nemasol M5+Rubitrol
Method of Application	Soil application- Drenching
Effective treatment with dose	Nemasol M5 @100g +Rubitrol@2.5g/litre (2 Times each)
Benefits	<ul style="list-style-type: none"> Reduction in Egg masses Reduction in number of female nematodes Reduction in gall index Healthy growth of crops Enhances systemic resistance in the plants improving defense system



Performance of Nemasol M5 over control (%)



Management of Root Knot Nematode in Bitter Gourd with Nemasol M5



Bitter gourd field; Nematode female and eggs under microscope

RESULTS

Parameters	Pooled for both locations				Yield per plant (kg)
	Soil nematode population /5g	Root gall index	No. of females/ 5 g roots	No of egg masses/ 5 g roots	
Effective treatment	89.25	2	6.315	4.115	3.52
Control	349.595	4	20.31	11.85	2.27

