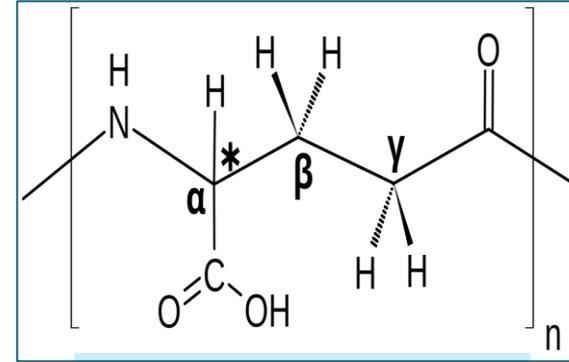


Evaluation of Bio-Efficacy Studies of **BP-100[®]** on Improvement in **Okra** Growth, Nutrient Uptake and Yield by Soil Application

Institute Name	Mahatma Phule Krishi Vidyapeeth
Location	Rahuri, Maharashtra
Crop	Okra
Product	BP-100[®]
Variety	Janhavi (VNR Seeds)
Method of Application	Soil Application
Effective treatment with dose	BP-100[®] two applications-1st at sowing @ 5kg/acre and 2nd application at fruit setting stage @ 5kg/acre+ RDF
Benefits	<ul style="list-style-type: none"> Enhances plant vigour, growth and yield Improves soil properties, nutrient uptake and water holding capacity

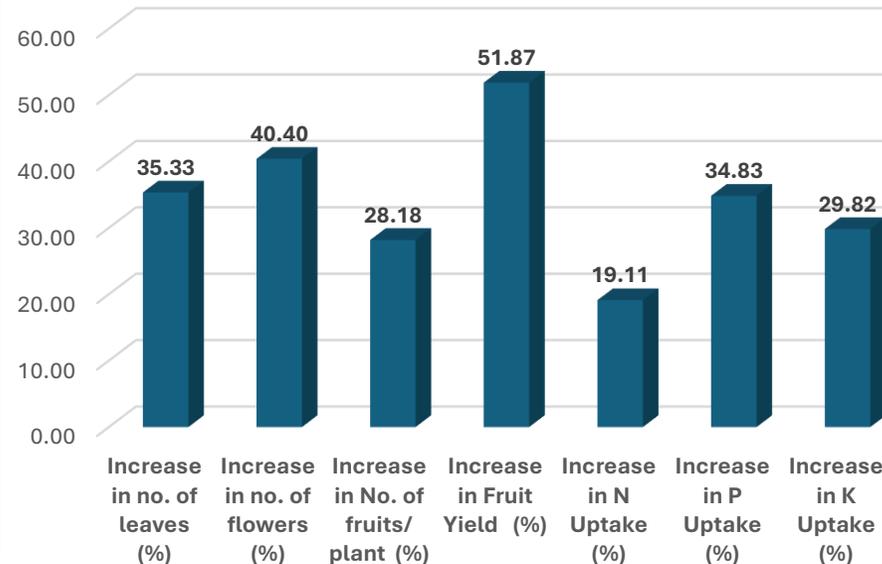


Gamma Poly Glutamic Acid



Okra crop

Performance of BP -100[®] over control



RESULTS

Parameters	No. of leaves / plant	No. of flowers / plant	No. of fruits/ plant	Fruit Yield (t/ha)	N Uptake (kg/ha)	P Uptake (kg/ha)	K Uptake (kg/ha)
Effective treatment	13.1	21.2	18.97	7.32	78.65	20.48	94.87
Control	9.68	15.1	14.8	4.82	66.03	15.19	73.08

