

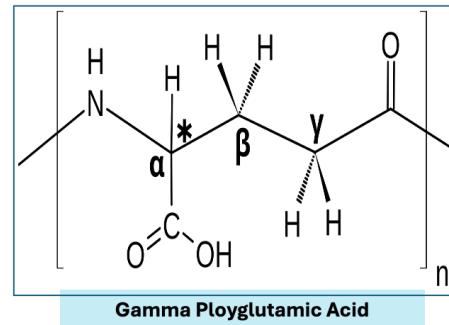
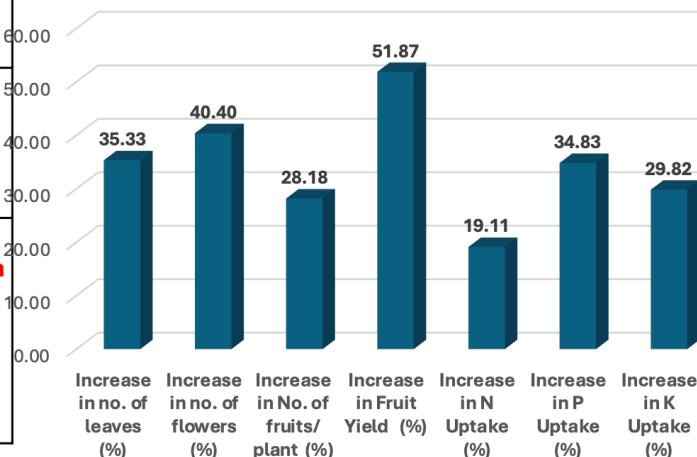
# Evaluation of Bio-Efficacy Studies of BP 100 on Improvement in Okra Growth, Nutrient Uptake and Yield by Soil Application



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



## Performance of BP 100 over control



## Gamma Ployglutamic Acid



## Okra crop

## RESULTS

FREQUENCY							
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

