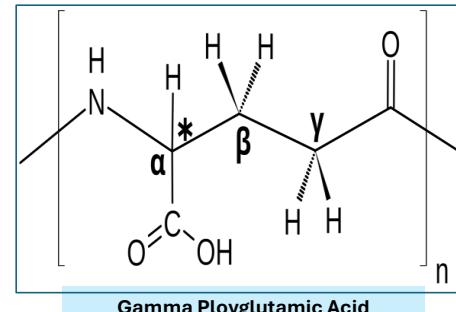




# Evaluation of Bio-Efficacy Studies of BP 100 on Improvement in Okra Growth, Nutrient Uptake and Yield by Soil Application



<b>Institute Name</b>	Jawaharlal Nehru Krishi Vishwa Vidyalaya
<b>Location</b>	Jabalpur, Madhya Pradesh
<b>Crop</b>	Okra
<b>Product</b>	<b>BP 100</b>
<b>Method of Application</b>	Soil Application-Drenching
<b>Effective treatment with dose</b>	<b>BP 100 two applications-1<sup>st</sup> at planting @ 10kg/acre and 2<sup>nd</sup> application at fruit formation stage @ 10kg/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> <li>• Promotes beneficial microbial activity</li> </ul>

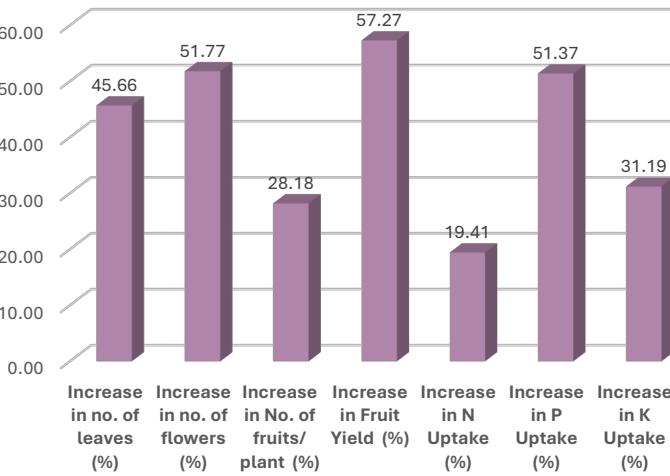


## Gamma Ployglutamic Acid



## Okra crop

## Performance of BP 100 vs control



TREATMENTS							
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	14.1	21.4	18.97	17.41	77.65	21.48	95.87
Control	9.68	14.1	14.8	11.07	65.03	14.19	73.08

