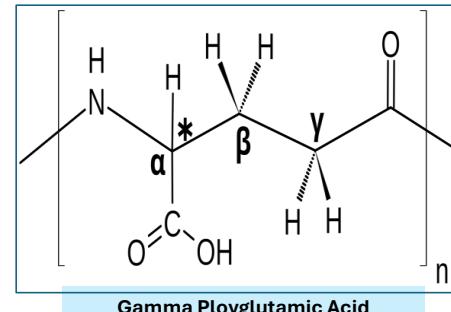




Evaluation of Bio-Efficacy Studies of BP 100 on Improvement in Okra Growth, Nutrient Uptake and Yield by Soil Application



Institute Name	Lovely Professional University
Location	Punjab
Crop	Okra
Product	BP 100
Method of Application	Soil Application
Effective treatment with dose	BP 100 two applications-1st at transplanting @ 10kg/acre and 2nd application at fruit formation stage @ 10kg/acre+ RDF
Benefits	<ul style="list-style-type: none"> • Enhances plant vigour, growth and yield • Improves soil properties nutrient uptake and water holding capacity • Promotes beneficial microbial activity



Gamma Ployglutamic Acid

Okra crop

Performance of BP 100 vs control

Performance Metric	Value (%)
Increase in no. of leaves (%)	31.92
Increase in no. of flowers (%)	66.20
Increase in No. of fruits/ plant (%)	83.37
Increase in Fruit Yield (%)	50.06
Increase in N Uptake (%)	24.78
Increase in P Uptake (%)	44.33
Increase in K Uptake (%)	29.82

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	23.1	11.8	17.97	36.12	78.65	20.48	94.87
Control	17.51	7.1	9.8	24.07	63.03	14.19	73.08

