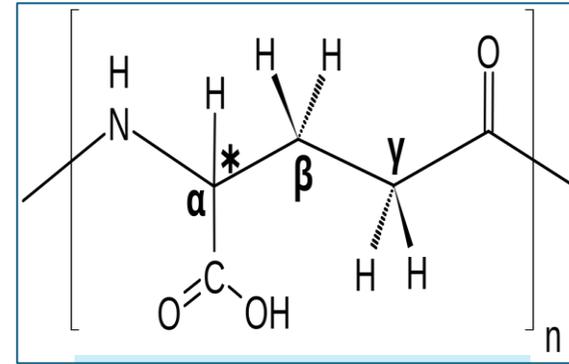


# Evaluation of Bio-Efficacy Studies of **BP-100<sup>®</sup>** on Improvement in **Okra** Growth, Nutrient Uptake and Yield by Soil Application

<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<sup>®</sup></b>
<b>Method of Application</b>	Soil Application-Drenching
<b>Effective treatment with dose</b>	<b>BP-100<sup>®</sup> 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>• <b>Enhances plant vigour, growth and yield</b></li> <li>• <b>Improves soil properties, nutrient uptake and water holding capacity</b></li> <li>• <b>Promotes beneficial microbial activity</b></li> </ul>

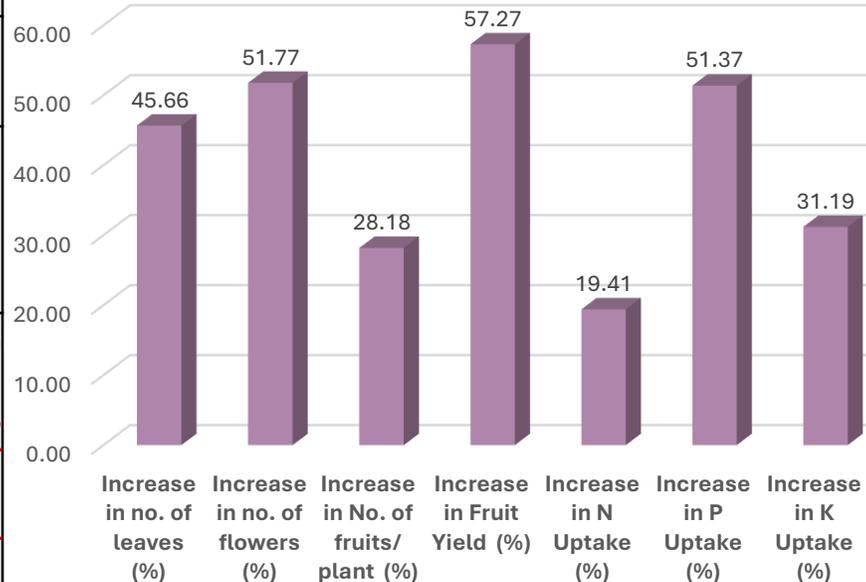


Gamma Poly Glutamic Acid



Okra crop

## Performance of BP-100<sup>®</sup> 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)
<b>Effective treatment</b>	<b>14.1</b>	<b>21.4</b>	<b>18.97</b>	<b>17.41</b>	<b>77.65</b>	<b>21.48</b>	<b>95.87</b>
<b>Control</b>	<b>9.68</b>	<b>14.1</b>	<b>14.8</b>	<b>11.07</b>	<b>65.03</b>	<b>14.19</b>	<b>73.08</b>

