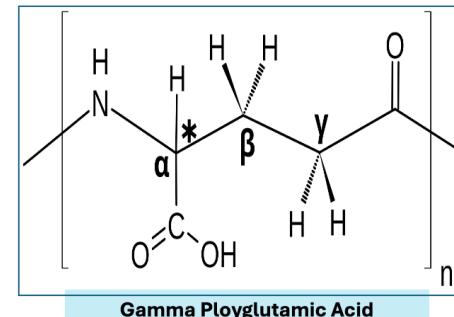




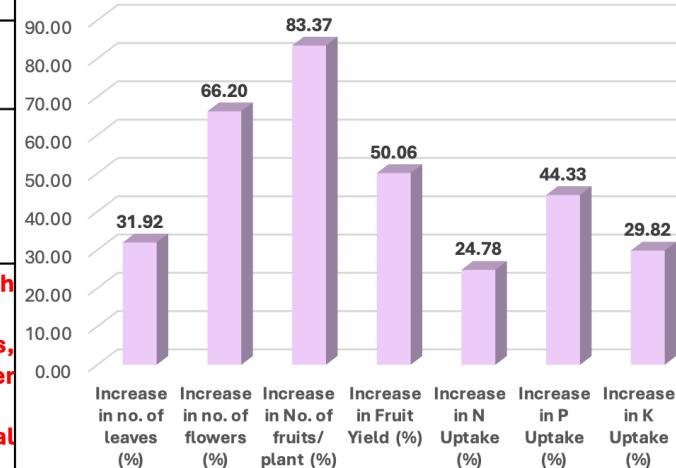
## **Evaluation of Bio-Efficacy Studies of BP 100 on Improvement in Okra Growth, Nutrient Uptake and Yield by Soil Application**



|                                      |   |
|--------------------------------------|---|
| <b>Institute Name</b>                | Lovely Professional University  |
| <b>Location</b>                      | Punjab  |
| <b>Crop</b>                          | Okra  |
| <b>Product</b>                       | <b>BP 100</b>   |
| <b>Method of Application</b>         | Soil Application  |
| <b>Effective treatment with dose</b> | <b>BP 100 two applications-1<sup>st</sup> at transplanting @ 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> |



## Performance of BP 100 vs control



## Okra crop

| 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            |

