



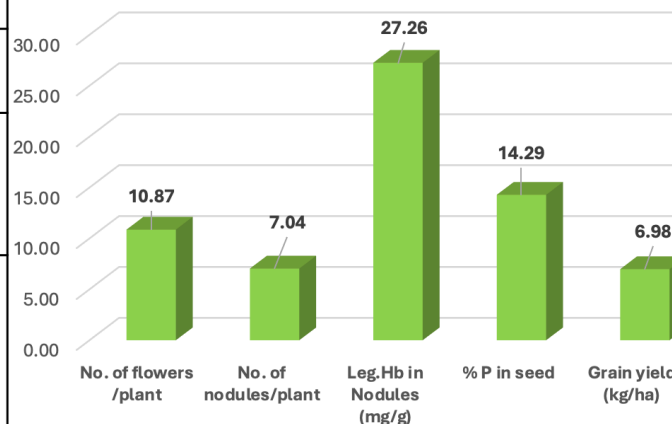
Evaluation of **P Bac Plus** Microbial Formulation on Nodulation, Growth and Yield of **Soybean**

Institute Name	Indian Institute of Soybean Research
Location	Indore, Madhya Pradesh
Crop	Soybean
Variety	JS 95-60
Product	P Bac Plus
Method of Application	Soil Application-Drenching
Effective treatment with dose	P Bac Plus @ 200 g / acre through soil application along with basal dose of fertilizers
Benefits	<ul style="list-style-type: none"> Improves availability of P to plants. Improves root development and overall plant vigour. Helps in enhancing the defense system of plants.



Soybean crop

Performance of P Bac Plus over control (%)



RESULTS

Parameters	No. of flowers /plant	No. of nodules /plant	Leg Hb in Nodules (mg/g)	% P in seed	% P in straw	% Protein in seeds	Grain yield (kg/ha)
Effective treatment	13.67	30.4	13.96	0.56	0.09	39.79	2049.72
Control	12.33	28.4	10.97	0.49	0.04	38.38	1915.94

