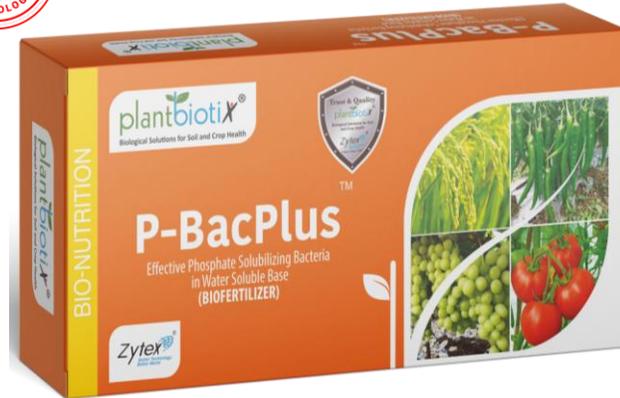


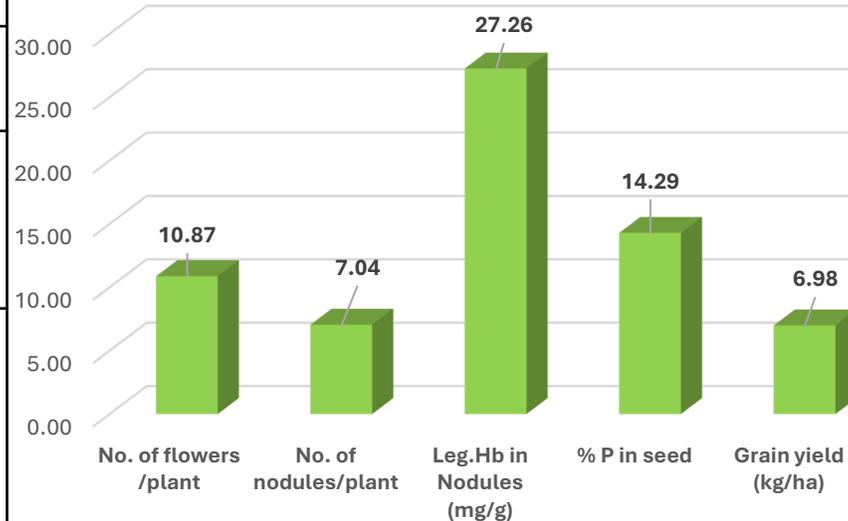
# Evaluation of P-Bac Plus™ Microbial Formulation on Nodulation, Growth and Yield of Soybean



Soybean crop

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

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)
<b>Effective treatment</b>	<b>13.67</b>	<b>30.4</b>	<b>13.96</b>	<b>0.56</b>	<b>0.09</b>	<b>39.79</b>	<b>2049.72</b>
<b>Control</b>	<b>12.33</b>	<b>28.4</b>	<b>10.97</b>	<b>0.49</b>	<b>0.04</b>	<b>38.38</b>	<b>1915.94</b>

