

**PAKISTAN COUNCIL FOR SCIENTIFIC AND INDUSTRIAL RESEARCH
(PCSIR)**

PRODUCT BROCHURE

Company/ Institute Name	PCSIR, Labs. Complex, Lahore
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Industrial Sector	Agriculture
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Product Title	Nitrogen fixing biofertilizer
Summary of Product	The inoculation of nitrogen fixing bacteria has advantage over traditional mineral fertilizers. The selected strains proved to be efficient nitrogen fixers. The strains is more sensitive to the temperature and pH as compared to the nutritional factors. The nitrogen fixer <i>Azotobator</i> strain also produced growth hormones and vitamins that play important role in better plant growth. Thus this approach could be reduce over application of chemical fertilizers for the profit of farmers and ensure environment-friendly practices.
Application/End User	Agriculture