Broad Acre Crops

NITRYX® SP

NITROGEN FIXING BACTERIA



Nitryx SP 20 lb pail

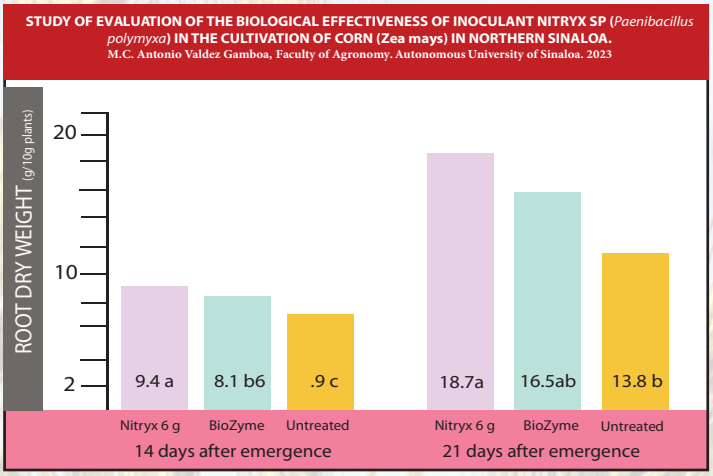
Questions? Send us a message at blacksmithbio.com/contact

Corporate Office
Spring, TX
832-647-9663

Nitryx® SP is a powerful tool crop management tool for CORN, SOY, WHEAT AND CANOLA and other root and tuber crops

Nitryx SP is a high concentration of the beneficial microorganism *Paenibacillus polymyxa*. This powerful, unique bacteria was isolated from the tissue of a lodgepole pine as part of an exhaustive university discover program looking for microorganisms that draw nitrogen from the atmosphere and transfer them to plants.

When applied, the Nitryx microbe colonizes the roots and foliage using the plant's exudes as a food source while at the same time secreting metabolic by-products beneficial to the plant host.



(Left) Corn trial evaluation for registration Sinaloa Mexico

Nitryx® SP is an excellent tool for invigorating plants and increasing yield.

- Increases fertilizer efficiency
- Perfect rotational or tank mix partner with other biological and chemicals
- Broad spectrum efficacy
- Increases marketable yield
- 0-day PHI

Seed Piece Application: Apply product to seed pieces at planting at a rate of 0.5-12 oz per acre

Soil Application: Through irrigation, use 2-12 oz per acre every 1-8 weeks.

Recommended Foliar Application Use 2-12 oz per acre. Spray wet to runoff. Use alone or rotate with other products. Reapply every 7-28 days or in rotation.

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For Organic Use

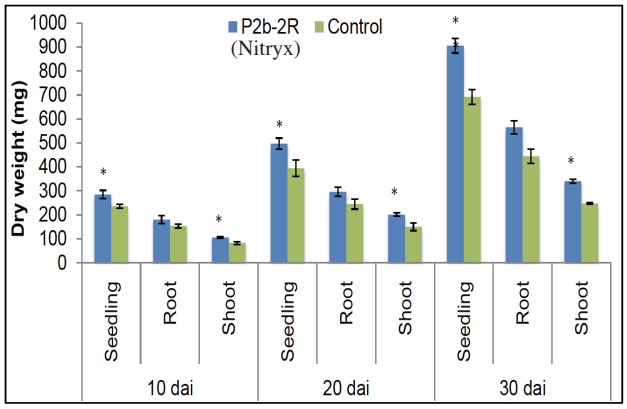
REGISTERED cdfa ORGANIC INPUT MATERIAL

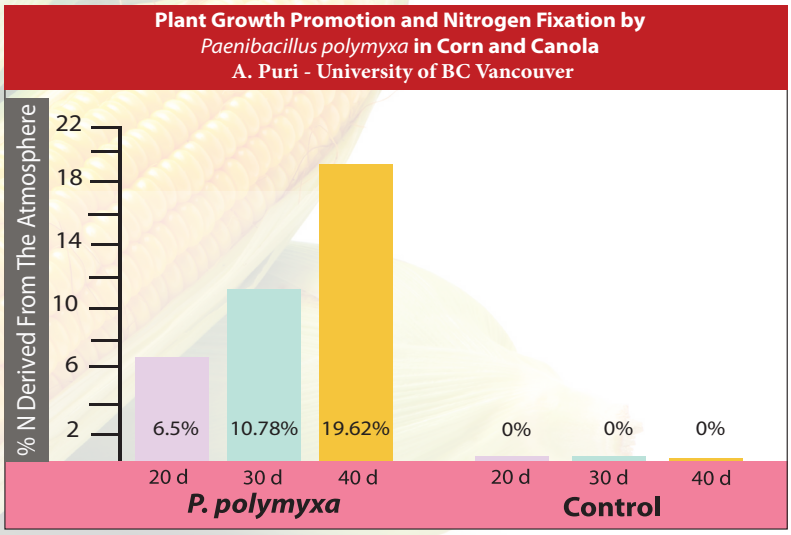
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CORN

(BELOW) Dry Weight of corn seedlings, root, and shoots inoculated with Nitryx SP and harvested at 10, 20 and 30 days.

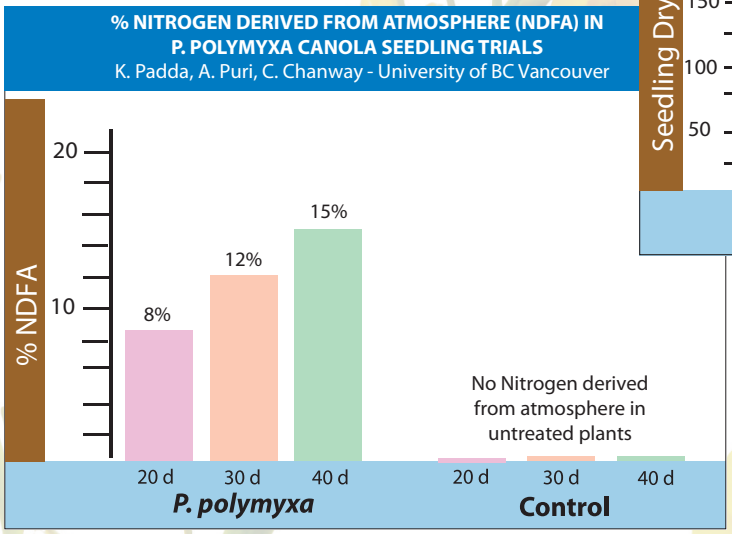


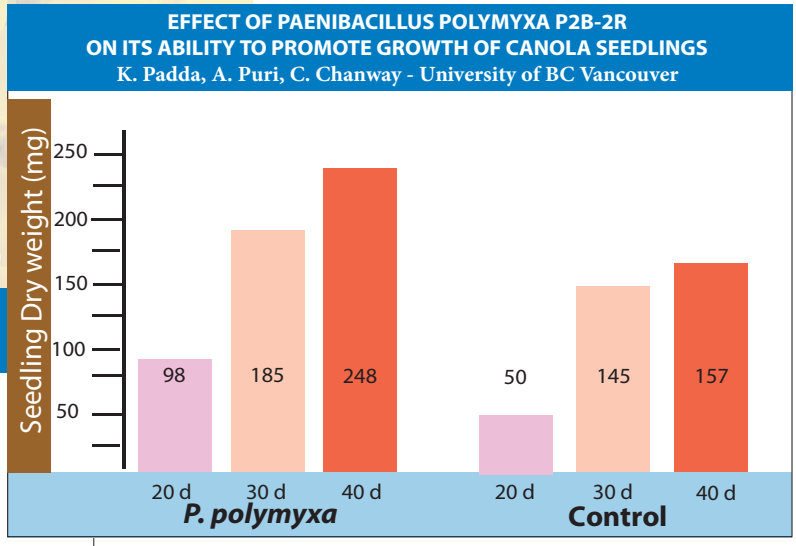


(ABOVE) Percentage of Nitrogen derived from the atmosphere in corn plants treated with Nitryx SP tested at 20, 30 and 40 days after application.

CANOLA

(Below Percentage of Nitrogen derived from the atmosphere in canola seedlings treated with Nitryx SP tested at 20, 30 and 40 days after application.





(ABOVE) Dry Weight of canola seedlings, inoculated with Nitryx SP versus untreated control harvested at 20, 30 and 40 days.