

NITROGEN BIOFERTILIZER · SOIL & PLANT LINE

VitaN2

Nitrogen from the air, phosphorus from the soil. Without buying either.

REFERENCE RATE

1 L/ha in-furrow

☐ Nationally manufactured

☐ Native microbiology

☐ Legumes and grasses

What it is

An inoculant of nitrogen-fixing bacteria, Azospirillum and Bradyrhizobium japonicum, plus phosphorus-solubilizing microorganisms. It works in legumes and in grasses.

Why it works

Fixes nitrogen from the air

Converts atmospheric nitrogen into plant-available forms, biologically.

Releases locked phosphorus

Produces organic acids that release phosphorus held in the soil — the phosphorus you already paid for and that got locked up.

Roots from day one

Produces growth enzymes and improves root development from the crop's first days.

Less reliance on urea

Improves the efficiency of the nitrogen you apply and reduces dependence on synthetic nitrogen.

What to expect

Every figure states its evidence level

+25 to 30 %

Forage in year three, pasture recovery package

MEASURED RESULT

7-8 → 16 %

Pasture protein in the reference dairy case

FIELD OBSERVATION



Where and how to apply

SYSTEM	RATE	APPLICATION METHOD
In-furrow inoculation	1 L/ha	All crops, within the planting-plan mix
Foliar top-up	0.3 L/ha	Early vegetative stage (V3–V4 in soybeans)

Live biological product. Chlorine-free water, or water left to stand 12 hours; mix the tank fresh and never with bactericides.

The case behind every figure

Sector, region and scale; never the grower’s name

MEASURED RESULT Pastures: 25 to 30% more forage by year three

Degraded-pasture recovery package, VitaCrop plus VitaN2 plus CARBOterra across three applications. One case reached 45 bales where 20 to 25 had been the norm.

FIELD OBSERVATION Dairy: the pasture stopped needing urea

Reference case under full regenerative management: pasture protein from 7–8% up to 16%, harvest from 8–9 months a year to 12, and urea dropped altogether.

Technical data

Base	Azospirillum (brasilense), Bradyrhizobium japonicum and phosphorus solubilizers
Format	Liquid concentrate
Viability	6 months from manufacture
Storage	Shaded, cool, out of direct sun
Origin	Made in Paraguay
Crops	Legumes and grasses; pastures

Works with

Protein+

The cobalt and molybdenum nodulation needs: without them the inoculant performs below its potential.

GrowBox

The seed treatment that sets fixation up from germination.

FILABIOSA

The in-furrow microbiology that rides along with inoculation.



NEXT STEP

Request a quote or talk to an agronomist

An agronomist replies within 24 business hours. We set the rate and the protocol against your own field's diagnosis.

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Before you buy, measure your soil

Soil chromatography sets the baseline and the rate. A result from your own field is a better argument than anyone else's case.

Request a diagnosis →