

NODUMAX LEGUME INOCULANT FOR SOYBEANS

Biofertilizer for soybean growth

TECHNOLOGY / SOLUTION



Nodumax is a biofertilizer specifically intended for use as a legume inoculant applied onto soybean seeds before planting to promote Biological Nitrogen Fixation. It is a peat-based inoculant ensuring that legume rhizobium symbioses is present, resulting in improved root nodulation and high rates of biological nitrogen fixation (BNF). Nitrogen fixation reduces the need for costly nitrogen fertilizers.

The product is packed in 100 g packets sufficient for coating 10 to 15 kg of soybean seeds.



PROBLEM / ISSUE SOLVED

- African farmers yield less than their counterparts in developed countries. Average soybean yield in Zimbabwe is 1.7 tons per hectare compared to 3.75 in USA
- Increased high demand for plant protein not met by current production
- High quantity, high cost and frequent unavailability of nitrogen fertilizers used for cultivation of legumes

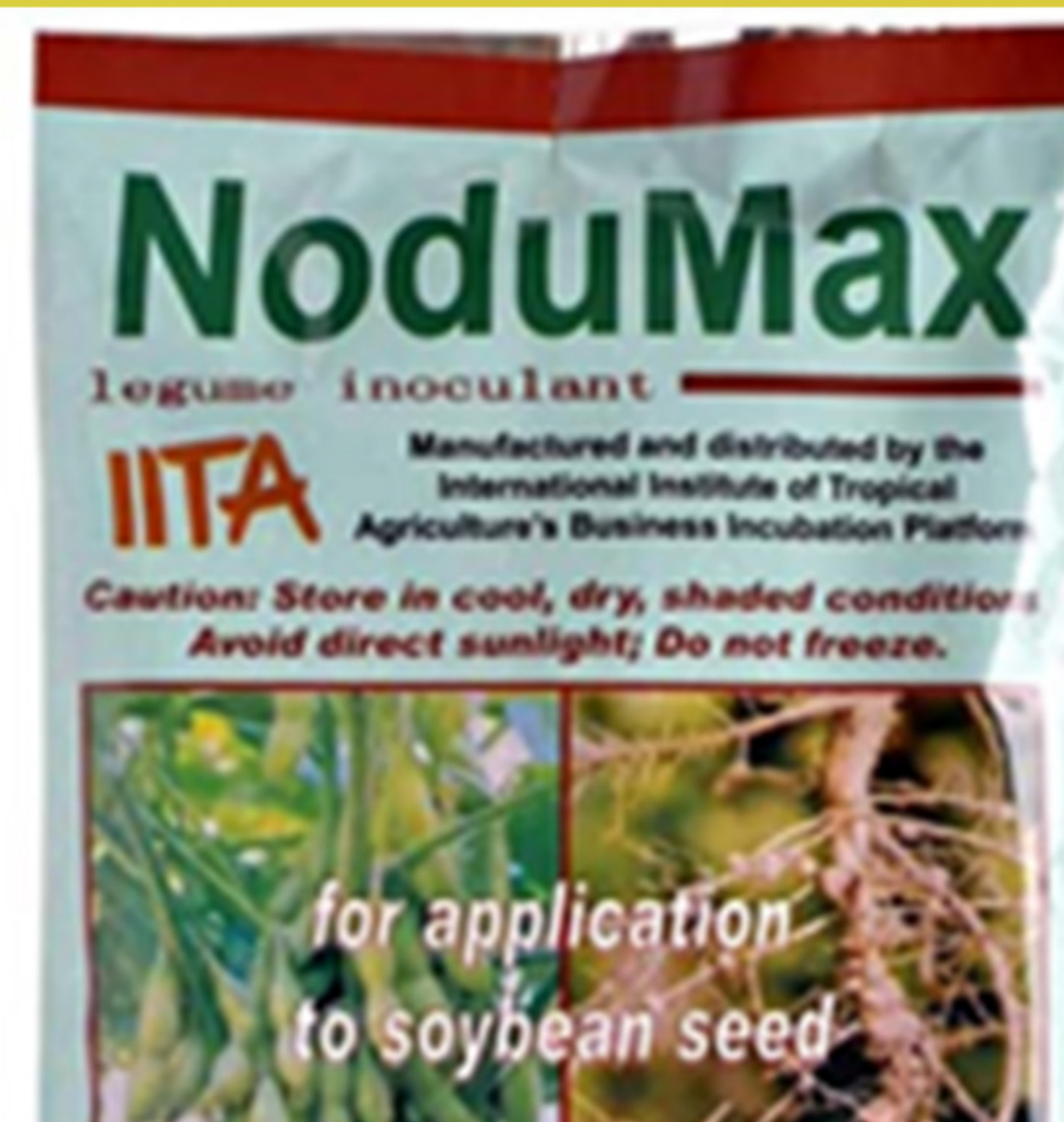


GOOD FOR
Soybean producers,
Agrodealers and farmer cooperatives



BENEFITS

- ✓ Specially made for soybean
- ✓ Enhances access and fixation of nitrogen from the air
- ✓ Very low cost and readily available
- ✓ Use increases yield by an average of 30-45%
- ✓ Environmentally friendly



Soil fertility
management
Speciality



Soybean
Commodity

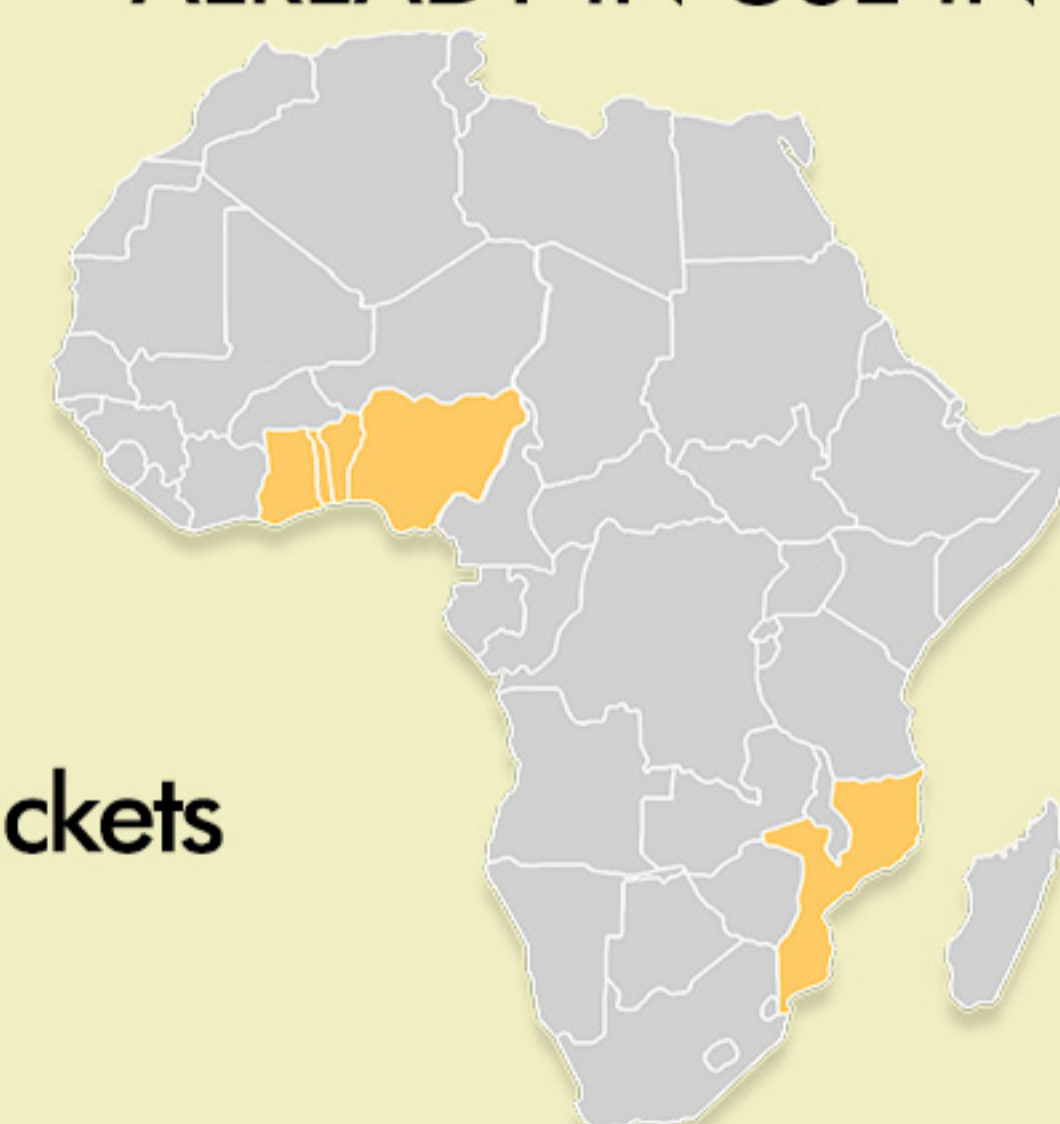


US\$ 3.20 for 100 g packets
Purchase price



30 - 45 %
increase in yield
Added value

ALREADY IN USE IN



Bénin, Ghana, Mozambique,
Nigeria, Togo

HOW DOES IT WORK?

First, gum arabic is dissolved in clean, hot water and mixed to coat the outside of the seeds. The inoculant (100 g applied to 10-15 kg of seed and allowing 0.25 ha to be planted) is added and mixed back into the gum-coated seed until it appears as a fine brown powder that is evenly distributed.

Nodumax should be applied to the seed just before planting. Seeds should be distributed as soon as possible after application, taking care to protect them from direct sunlight.

