

# N-Physis

*N-Physis is a wettable-granular, nitrogen fixing bacteria, that allows a sustainable source of nitrogen to be available to the plant from application through harvest. By penetrating the cell wall, N-Physis can colonize within the plant cell while capturing nitrogen from the air around it and delivering it to the crop where and when it is needed. N-Physis works to provide additional nitrogen needed by the plant to meet your desired yields.*

## **MULTI CROP USE**

### **KEY BENEFITS**

- Captures atmospheric nitrogen from both above and below ground
- Allows another pathway for the plant to receive nitrogen in wet or dry conditions
- Repopulates throughout the plant from root tip to leaf tip

### **APPLICATION**

**Application rates may vary.**

#### **Foliar Application**

- One 200-gram pouch will treat 40 acres at 5 grams/ac (0.175 oz./acre). Apply within a minimum of 10 gal. of water/acre

#### **In-furrow application**

- One 200-gram pouch will treat 40 acres at 5 grams/ac (0.175 oz./acre). Apply within a minimum of 2.5 gal. of water/acre

#### **Suggested Application Rates**

- In-furrow rates vary from 5-7 grams/acre. (0.175 – 0.24 oz./acre)
- Foliar rates vary from 5-20 grams/acre. (0.175 – 0.70 oz./acre)
- Application rates are based on specific crop and soil needs, management objectives, and/or environmental conditions. Consult a technical representative for specific recommendations

### **IMPACT ON THE PLANT**

- Creates an additional pathway for supplemental nitrogen to enter the plant. Resulting in more opportunities for the plant to access nitrogen bridging the gap between nitrogen demand and available nitrogen.
- All-Season long nitrogen helps overcome poor grain fill and reduced yields.
- Creates overall healthier plants subsequently leading to improved disease resistance.
- Assists in stress mitigation during adverse environmental conditions such as drought or excessive moisture.

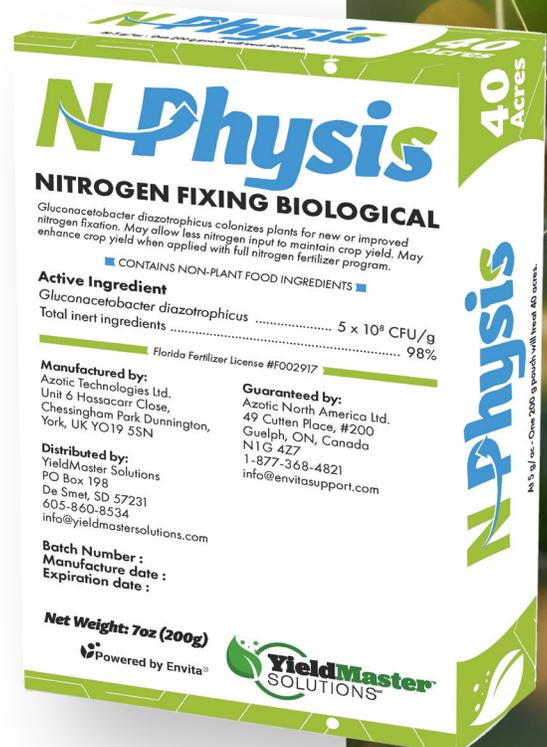
### **PACKAGING**

- 7 oz. (200 g)



To learn more, visit [yieldmastersolutions.com](http://yieldmastersolutions.com)

605-860-8534 | [f](#) [t](#) [in](#) [v](#)



## **N-Physis**

### **NITROGEN FIXING BIOLOGICAL**

*Gluconacetobacter diazotrophicus colonizes plants for new or improved nitrogen fixation. May allow less nitrogen input to maintain crop yield. May enhance crop yield when applied with full nitrogen fertilizer program.*

■ CONTAINS NON-PLANT FOOD INGREDIENTS ■

#### **Active Ingredient**

Gluconacetobacter diazotrophicus ..... 5 x 10<sup>8</sup> CFU/g  
Total inert ingredients ..... 98%

Florida Fertilizer License #F002917

**Manufactured by:**  
Azotic Technologies Ltd.  
Unit 6 Hassacarr Close,  
Chessingham Park Dunnington,  
York, UK YO19 5SN

**Guaranteed by:**  
Azotic North America Ltd.  
49 Cutten Place, #200  
Guelph, ON, Canada  
N1G 4Z7  
1-877-368-4821  
info@envitasupport.com

**Distributed by:**  
YieldMaster Solutions  
PO Box 198  
De Smet, SD 57231  
605-860-8534  
info@yieldmastersolutions.com

**Batch Number :**  
**Manufacture date :**  
**Expiration date :**

**Net Weight: 7oz (200g)**

Powered by Envita<sup>®</sup>

