

# JumpStart® Wettable Powder Inoculant

## Improve phosphate availability to support early vigor in peanut crops

JumpStart® technology contains the naturally occurring soil fungus *Penicillium bilaiae*. It grows along plant roots releasing nutrients like phosphate bound in the soil, making them more available for the crop to use. *Penicillium bilaiae* does not replace the need for phosphate fertilizer, but does provide peanuts access to more nutrients for higher yield potential.

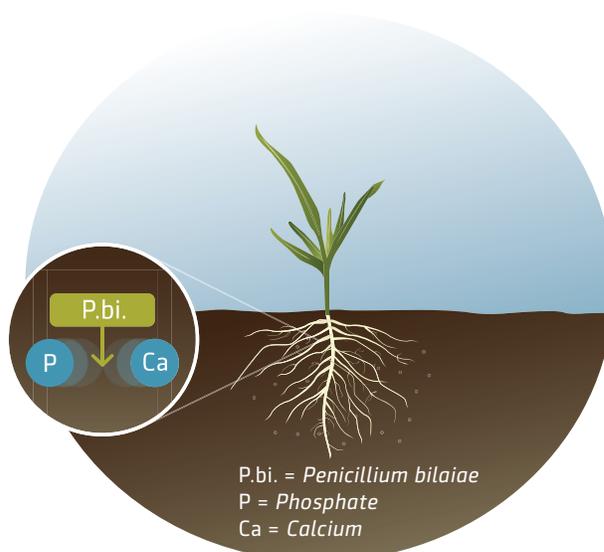
### Benefits of Using JumpStart Technology:

- Improves phosphate availability which:
  - Enhances early vigor
  - Bolsters root and shoot growth, supporting greater stress tolerance and earlier, more uniform plant development
  - Improves yield potential
- Improved plant nutrition enables plants to better handle environmental pressures
- Active in cool soil temperatures when phosphate is less available, which can help get the crop off to an early start

### How the Technology Works:

#### Freeing Phosphate

*Penicillium bilaiae* releases bound mineral forms of soil and fertilizer phosphate, making it more available for the plant to use.





## Product Details

### JumpStart® Wettable Powder Inoculant

Active Ingredients	Packaging	
720 million (7.2 x 10 <sup>8</sup> ) cfu/g <i>Penicillium bilaiae</i>	4 x 2.0 oz (57 g) container	14.0 oz (400 g) container

### In-furrow Application Rates for Peanut

Row Width	Recommended JumpStart Wettable Powder Rate	2.0 oz (57 g) Container Treats	14.0 oz (400 g) Container Treats
<b>30 in (76.2 cm)</b>			
Single Row	0.166 oz/acre (11.6 g/ha)	8.3 acres (3.4 ha)	41.5 acres (16.8 ha)
Twin Row	0.332 oz/acre (23.3 g/ha)	42.0 acres (1.7 ha)	20.8 acres (8.4 ha)
<b>36 in (91.4 cm)</b>			
Single Row	0.2 oz/acre (14.0 g/ha)	10.0 acres (4.04 ha)	50.0 acres (20.2 ha)
Twin Row	0.4 oz/acre (28.0 g/ha)	5.0 acres (2.02 ha)	25.0 acres (10.1 ha)

Always read and follow label directions

PRODUCT DETAILS

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#### IT IS IMPORTANT TO USE PROPER PPE WHEN HANDLING TREATED SEED.

**Performance may vary** from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

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