



# NUTRIENT UPTAKE ENHANCEMENT Root Builder P



## ADVANTAGES

Safe to Apply In Furrow

Increases Root Growth

Complete Nutrient Package

## OVERVIEW

Root Builder P 5-15-0 has been proven to be more effective than standard NPK starter fertilizers on potatoes across the USA, due to its significant increase of root growth.

Root Builder P contains 15% ortho-phosphate, which is safe to apply directly with the seed and is more available in cool soils for better early season phosphate uptake.

Blend with Bio-Gro's SetMore for increase set.



### COMPATIBLE

- NUE Micronutrients
- Bio-Gro Humics and SetMore Base
- Most Pesticides



### RESULTS

- Larger Roots - Early in Season
- More Fine Root Hairs
- Increased Phosphate Uptake

## BENEFITS

Due to the immobility of phosphate in soils, Bio-Gro's Root Builder P contains specific compounds to increase root growth, and stimulate the development of fine root hairs. This increases the root to soil surface area for better P uptake, important for early season P uptake to achieve yield and quality. This increase of early nutrient uptake typically results in a more even set and tends to hold more of the first set.

Compatible with Set More Base, for higher tuber counts for varieties and situations where higher tuber counts are desirable.

Root Builder P has been utilized by potato growers as a dependable in-furrow starter fertilizer for many years. In University testing we have accomplished increases of 40-50 cwt/acre (2 - 2.5 tons/acres)

9.93 lbs/gal  
pH 2.0 - 2.5

## CONTENTS

<b>Nitrogen (N)</b> .....	5.0%
<b>Phosphate (P<sub>2</sub>O<sub>5</sub>)</b> .....	15%

## Mixing Instructions

Best Practice: Add to tank prior to fertilizer. Agitate prior to application.

## APPLICATION RATES

### In-Furrow Application:

Apply 3-5 gal/acre on any row crop or cereal grain.

### Potatoes:

Apply 5-8 gal/acre as directly beneath the seed piece.  
Or spray over the seed piece in a 4-6" spray with 5-10 gal/acre of water.

## Storage

Do not store below 32F. Do not allow the product to freeze. Store out of direct sunlight. Keep in a cool location out of reach of children and livestock.

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