

# Recover™ PO<sub>4</sub>

A BIOLOGICAL PHOSPHATE SOLUBILIZER

## An Innovative Formulation of a Well-Proven Active

- Phosphate solubilizer with same active ingredient as JumpStart® (*Penicillium bilaii*)
- Convenient liquid formulation
- Active ingredient makes soil and fertilizer phosphate more plant-available
- Enhances early vigour, increases root growth and leaf surface area

### Features

<b>Active Ingredient:</b>	<i>Penicillium bilaii</i> 7.2 x 10 <sup>8</sup> CFUs/ml
<b>Formulation:</b>	Liquid
<b>Crops:</b>	Alfalfa, Canola, Chickpeas, Corn, Dry Beans, Lentils, Peas, Soybeans, Wheat (spring and winter)
<b>Application:</b>	On-seed
<b>Package Size:</b>	400 ml, 2 L

### Recover PO<sub>4</sub> Application Rates

Crop	400 ml (13.5 fl oz)				2 L (2.1 qt)				Planting Window*
	Seed Inoculated		Approx. Water Volume		Seed Inoculated		Approx. Water Volume		
	lbs	kgs	gallons	litres	lbs	kgs	gallons	litres	days
Alfalfa	880	400	2	8	4,400	2,000	10	40	15
Canola	800	360	2	8	4,000	1,800	10	40	60
Chickpeas	19,200	8,720	6.5	24	96,000	43,600	33	120	15
Corn	60 units (80K)		5.5	20	300 units (80K)		28	100	30
Dry Beans	14,400	6,530	5.5	20	72,000	32,650	28	100	15
Lentils	14,400	6,530	5.5	20	72,000	32,650	28	100	15
Peas	24,400	10,900	8.5	32	120,000	54,500	43	160	15
Soybeans	275 units (140K)		5.5	20	1,375 units (140K)		28	100	30
Wheat	14,400	6,530	10.5	40	72,000	32,650	53	200	30

\*Planting window for when Recover PO<sub>4</sub> applied to bare seed.

See reverse for further details and find us at:

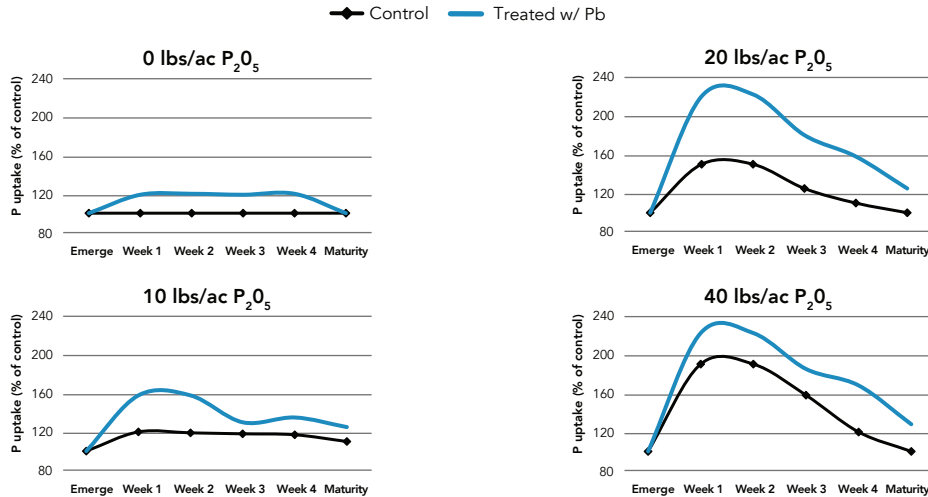
[brettyoung.ca/Recover](http://brettyoung.ca/Recover)

**BrettYoung™**  
DISTINCT BY DESIGN

# BIOLOGICALS

## Phosphorous uptake with and without *Penicillium bilaii*

*Penicillium bilaii* enhances the plant's phosphorous uptake at all fertilizer application rates.



<sup>1</sup> Source: Chambers J W and Yeomans J C 1990 The influence of PB-50 (*Penicillium bilaii* inoculant) on yield and phosphorus uptake by wheat. Proc. Ann. Manitoba Soc. Soil Sci. Mtg. 33: 283-293. Phosphate uptake determined by tissue tests.

## When and where to use Recover PO<sub>4</sub>

Use Recover PO<sub>4</sub> as part of your phosphate fertility program:

- 1) Use in fields where soil tests show low to medium levels of available phosphate.
  - a. If soil tests recommend to apply 10 to 15 lbs/acre of phosphate – just use Recover PO<sub>4</sub>
  - b. If soil tests recommend to apply 15 to 25 lbs/acre of phosphate – apply a lower amount of recommended phosphate and use Recover PO<sub>4</sub>
- 2) Use in fields with high pH and high calcium levels. These soils will more readily tie-up phosphate, thus there is more phosphate to release from the soil and recover for your crop.
- 3) Use Recover PO<sub>4</sub> on the seed and reduce the amount of seed-placed phosphate to avoid any potential seedling damage from high seed-placed phosphate applications.

## Distinct By Design

At BrettYoung, we strive to be a company like no other. We are proud of our strategic partnerships with world-class organizations through which we source leading technologies and genetics.

We succeed in our markets by bringing distinct choices that deliver performance and value. By design, our success is deeply rooted within your success; the two are intertwined and grow together. We are **Distinct By Design** and we wouldn't have it any other way.

For more information visit [brettyoung.ca](http://brettyoung.ca) or call toll-free at 1-800-665-5015.

**BrettYoung**<sup>™</sup>  
DISTINCT BY DESIGN