

BioniQ®

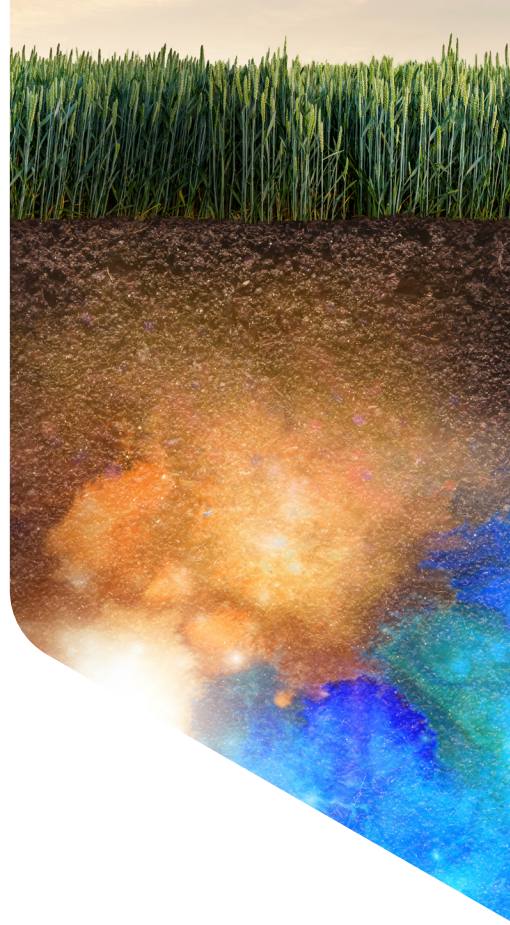
Barley · Canola · Wheat

Product Overview

Tap Into the True Potential of Your Farm

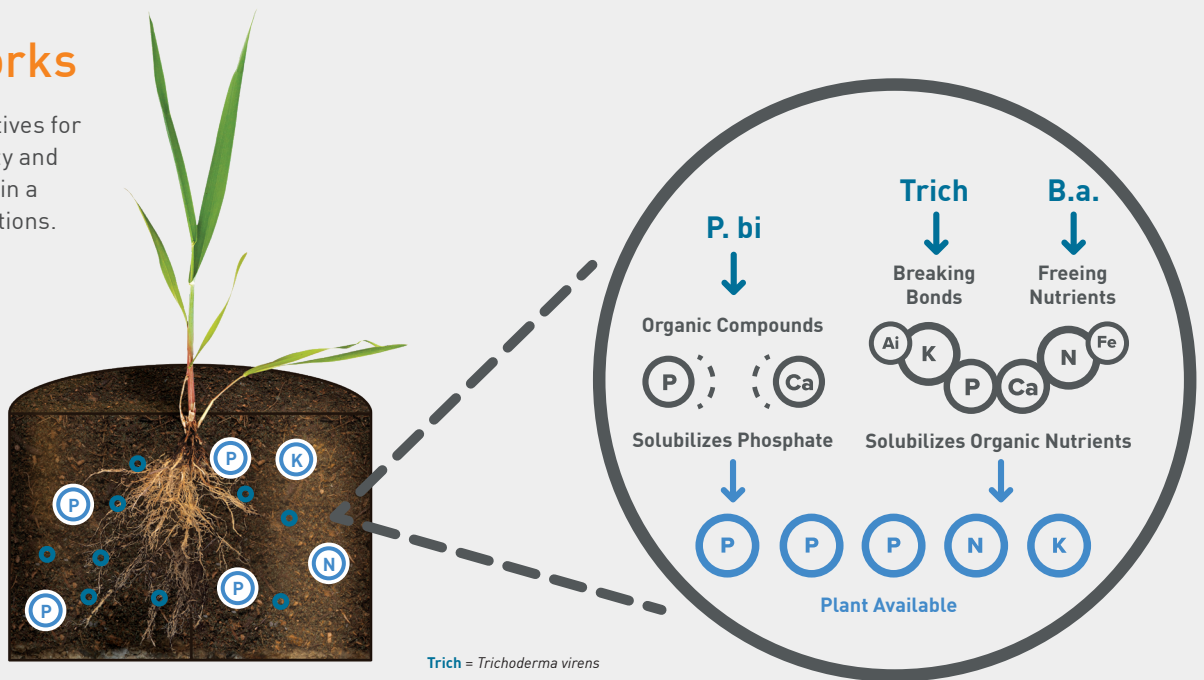
BioniQ is the inoculant for every cereal and canola grower that helps improve nutrient and moisture uptake, phosphate availability, and ultimately helps to increase yield potential. The *Penicillium bilaiae* fungus helps release bound mineral forms of soil and fertilizer phosphate, making it more readily available for the plant to use. The biologicals *Bacillus amyloliquefaciens* and *Trichoderma virens* help increase availability and uptake of nitrogen, phosphate, and potassium, which supports root and shoot growth in cereal and canola crops.

BioniQ increases yield and performance over a wide range of geographic locations and field conditions.



How It Works

Three biological actives for improved availability and uptake of nutrients in a variety of soil conditions.



Trich = *Trichoderma virens*

P. bi = *Penicillium bilaiae*

B. a. = *Bacillus amyloliquefaciens*

NexusBioAg

Features & Benefits



Increased yield and return on investment - see more at [BATResults.ca](https://www.batresults.ca)



Performance in a variety of soil conditions and types; active in cool soils for enhanced early-season vigour



Improved availability of phosphate for enhanced root growth



Enhanced nutrient availability, which supports root and shoot growth



Earlier, more uniform maturity

BioAdvantage Trials

Wheat

Untreated 63.5 (bu/ac)

BioniQ® 66.6 (bu/ac)



Win Rate



Yield Advantage

Source: Results were collected from 46 farmer-conducted, large-scale, side-by-side BioAdvantage Trials conducted in Western Canada from 2017-2022.

Barley

Untreated 77.0 (bu/ac)

BioniQ® 81.0 (bu/ac)



Win Rate



Yield Advantage

Source: Results were collected from 19 farmer-conducted, large-scale, side-by-side BioAdvantage Trials conducted in Western Canada from 2017-2022.

Canola

Untreated 44.9 (bu/ac)

BioniQ® 46.9 (bu/ac)



Win Rate



Yield Advantage

Source: Results were collected from 87 farmer-conducted, large-scale, side-by-side BioAdvantage Trials conducted in Western Canada from 2017-2022.

Application

BioniQ comes in a wettable powder co-pack that is optimally formulated for canola and cereal crops. The product is conveniently packaged for ease of use and can be applied similar to other wettable powder inoculants in the NexusBioAg portfolio.

BioniQ can be applied up to 60 days prior to seeding (depending on seed type) and can be used with many different seed treatments. Visit nexusbioag.com for the most up-to-date information on seed treatment compatibility.

Please read the label before application for complete use instructions.

BioniQ Wettable Powder Application

783 g co-pack			
Crop	Seed treated/one 783 g co-pack		Water (litres)
Barley	250 bu	12,000 lb	34
Canola/mustard	10 bu	500 lb	5
Oats	250 bu	8,500 lb	24
Rye	250 bu	14,000 lb	39
Wheat	250 bu	15,000 lb	42

If you would like more information or have questions, contact your local NexusBioAg Representative or visit nexusbioag.com

*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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