

RizoGran Catalyst™*

The Next Generation of Granular Inoculant Technology

A powerful new line of granular inoculants for pea & lentil, soybean and chickpea.

- Superior inoculant performance in tough conditions
- Enhances phosphate availability
- Increases root and plant growth and improves stress tolerance

Product
Information

RizoGran
Catalyst™*
Pea & Lentil

RizoGran
Catalyst™*
Soybean

RizoGran
Catalyst™*
Chickpea

Formulation	Peat Granular	Peat Granular	Peat Granular
Guaranteed Analysis	<i>Rhizobium legumimosarum</i> <i>bv. viciae</i> Minimum CFU/g 1×10^8	<i>Bradyrhizobium japonicum</i> + <i>B. diazoefficiens</i> Minimum CFU/g 1×10^8	<i>Mesorhizobium cicerii</i> Minimum CFU/g 1×10^8
	<i>Pseudomonas fluorescens</i> Minimum CFU/g 1×10^7	<i>Pseudomonas fluorescens</i> Minimum CFU/g 1×10^7	<i>Pseudomonas fluorescens</i> Minimum CFU/g 1×10^7
Technology	<ul style="list-style-type: none"> • Osmo Protector Technology • Plant Growth Promoting Rhizobacteria 	<ul style="list-style-type: none"> • Bio-Inducer Technology • Osmo Protector Technology • Plant Growth Promoting Rhizobacteria 	<ul style="list-style-type: none"> • Osmo Protector Technology • Plant Growth Promoting Rhizobacteria
Crops	Pea & Lentil	Soybean	Chickpea
Application	In-furrow	In-furrow	In-furrow
Application Rate	3.8 lbs/per ac (4.4 kg/ha) 12 inch row	3.8 lbs/per ac (4.4 kg/ha) 12 inch row	3.8 lbs/per ac (4.4 kg/ha) 12 inch row
Package Size	18.14 kg (40lbs) or 235.87 kg (520 lbs)	18.14 kg (40lbs) or 235.87 kg (520 lbs)	18.14 kg (40lbs) or 235.87 kg (520 lbs)

* Pending Registration

See reverse for further details and find us at:

brettyoung.ca/catalyst

BrettYoung™
DISTINCT BY DESIGN

FEATURES

Osmo Protector Technology

Provides tougher bacteria that enhances performance in the field under adverse conditions. This includes high temperature, low water availability and chemical stresses.

Plant Growth Promoting Rhizobacteria

Rhizobacter's exclusive strain of *Pseudomonas fluorescens* delivers:

- Phosphorous Solubilization: enhanced phosphorous availability, with solubilizing activity on both organic and inorganic soil phosphorous.
- Production of Plant Growth Factors: phytohormone production promotes root growth, which enhances plant growth, nutrient uptake and stress tolerance

Multiple Rhizobia Strains

RhizoGran Catalyst Soybean and RhizoGran Catalyst Pea & Lentil contain multiple rhizobia strains that work in synergy to deliver enhanced nitrogen fixation under a wide range of field conditions.

Bio-Inducer Technology (soybean only)

Accelerates initial, early communication between rhizobia and plant roots to trigger earlier nodulation for maximum biological nitrogen fixation.

RizoGran Catalyst Granular Application

Row Spacing (cm)	Row Spacing (in)	Application Rate kg/ha	Application Rate lb/ac
15.2	6	8.8	7.7
17.7	7	7.5	6.6
20.3	8	6.6	5.8
22.9	9	5.8	5.1
25.4	10	5.2	4.6
30.5	12	4.4	3.8
38.1	15	3.5	3.1
61	24	2.2	1.9
76.2	30	1.7	1.5

Distinct By Design

At BrettYoung we are proud of the strategic partnerships we have with world-class organizations through which we source leading technologies and genetics. This allows us to bring **distinct** market choices that deliver you performance and value. **By design**, our success will always be rooted within your success. Like you, we are independent, resolute, and **Distinct By Design**.

For more information visit brettyoung.ca or call us toll-free at 1-800-665-5015.