

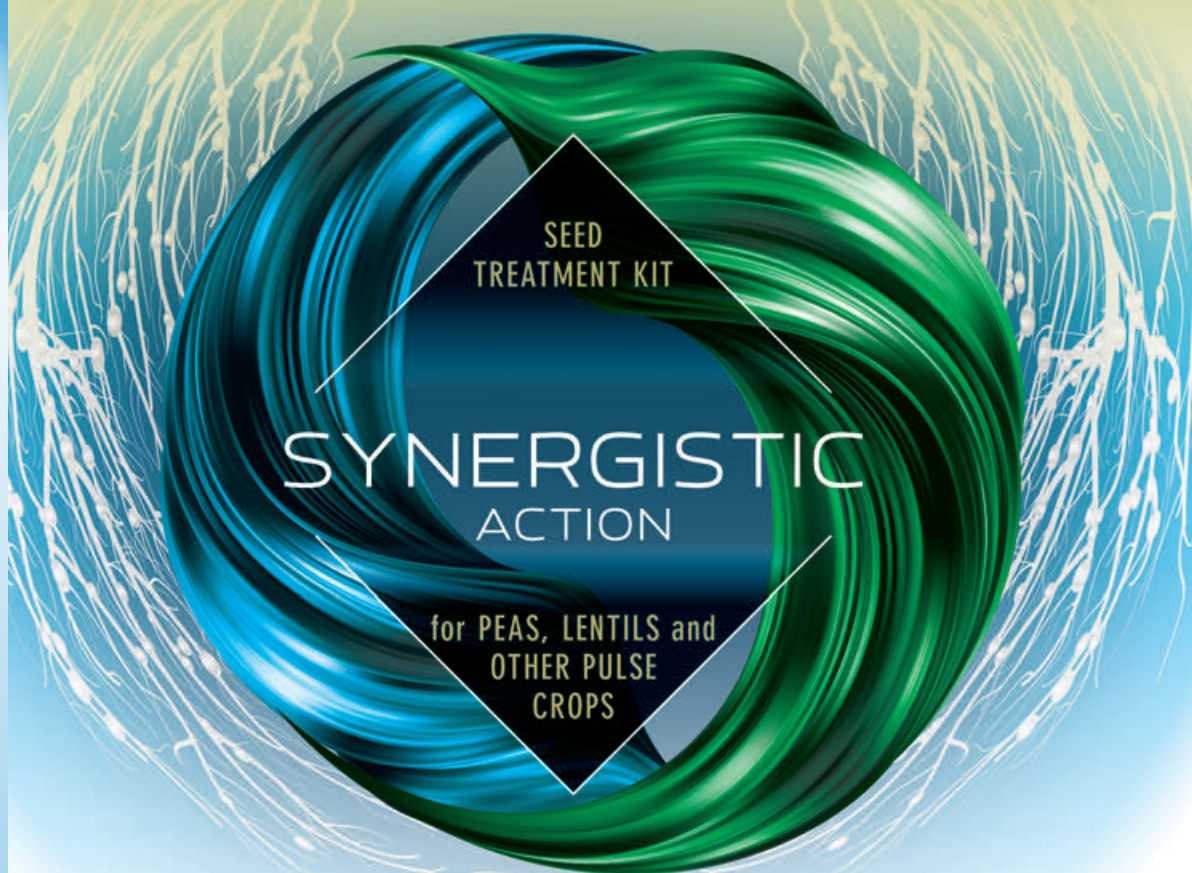


ACTIVETM
AgriScience
activeagriscience.com

TECHNOLOGY
BEYOND
the POINT
of NUTRITIONTM

Active AgriScience Inc. supports the farming community by providing innovative, effective and economical products that increase yields. A leader in plant nutrient and bioactive compound research and technology, Active AgriScience uses rigorous scientific methods to develop and enhance products to improve farm production and profits.

3422 Millar Avenue
Saskatoon, SK, S7K 5Y7, Canada
tel.: 604.864.0154



NITROGEN
FIXING
RHIZOBIAL
INOCULANT



PREMIUM
NUTRITIONAL
SEED
TREATMENT



SEED TREATMENT KIT for PEAS, LENTILS and OTHER PULSE CROPS

3.8L kit treats 800kg of seed
19L kit treats 4000kg of seed

3.8L KIT CONTAINS:

- 1 x Active PLSTM, 1.6L
- 1 x N-RhizoTM PULSE, 2.2L

19L KIT CONTAINS:

- 5 x Active PLSTM, 1.6L
- 5 x N-RhizoTM PULSE, 2.2L

• EASY TO USE •

Contains compatible nutritional seed treatment and rhizobial inoculant in one easy to use pack.

• ECONOMICAL •

Less expensive than buying separate seed nutrient and inoculant products.

• SYNERGISTIC •

Active PLSTM contains the necessary nutrients to support germination, vigorous early growth, and Rhizobial bacterial growth.

• FLEXIBLE •

Seeds can be treated with both products together or sequentially. Can treat seeds up to two weeks before planting.

• FAST •

Seeds dry quickly.

HOW DOES IT WORK?

- Inoculates seeds with symbiotic Rhizobium leguminosarum bacteria
- Provides the micronutrients and trace elements needed to improve germination, early growth and the efficiency of biological nitrogen fixation (BNF).
- Active PLSTM works synergistically with N-RhizoTM PULSE to maximize BNF
- Leads to stronger plants and higher yields.



Product packaging



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DIRECTIONS for USE:

Active PLS™: 2ml / kg of seed

N-Rhizo™ PULSE: 2.75 ml / kg of seed

Simultaneous application

as two (or three) separate products:

Direct/stream both Active PLS™ and Agchem / N-Rhizo™ PULSE in the required amounts towards the seeds.

Sequential Application:

- Sequence of addition: Seed, Active PLS™, Agchem, N-Rhizo™ PULSE
- First treat the seeds with required amount of Active PLS™ and mix well for uniform coverage
- Soon after application of Active PLS™, apply the required amount of Agchem/ N-Rhizo™ PULSE and mix well for uniform coverage

Allow treated seeds to air dry for 5-10 min before seeding. For optimal performance, plant seeds as soon as possible after inoculation and no later than two weeks after treatment.

Do not expose treated seeds to high temperatures, or direct sunlight. In hot dry field conditions, light irrigation after planting can help lower potential damage to the inoculant.

In fields where legumes have not been grown for four years or more, higher application rates will lead to better results.

COMPATIBILITY: Inoculants are living organisms and can be harmed by some chemical seed treatments. If in doubt, check with your dealer / manufacturer before using.

N-Rhizo PULSE MINIMUM GUARANTEE:

This product contains 2 X 10⁹ cfu/g of Rhizobium leguminosarum.

Active PLS GUARANTEED MINIMUM ANALYSIS:

Total Nitrogen (N).....	0.5%
Soluble Potash (K ₂ O).....	0.3%
Calcium (Ca)	3.15%
Molybdenum (Mg)	0.09%
Nickle (Ni)	0.0018%
Cobalt (Co)	0.04%

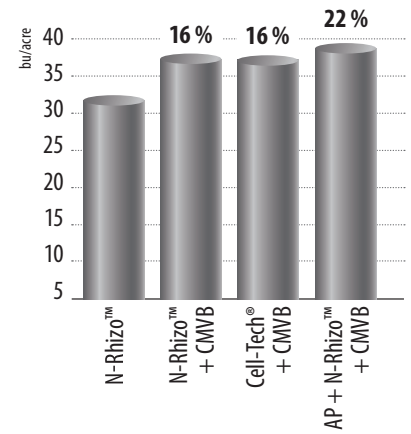
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YIELD DATA - PEAS, SK • 2018

Research conducted by Agquest, Saskatoon, SK - 2018

TREATMENT	YIELD (bu/acre)	% CHANGE
N-Rhizo™	32	
N-Rhizo™ + CMVB	37	16
Cell-Tech® + CMVB	37	16
AP + N-Rhizo™ + CMVB	39	22

N-Rhizo = N-Rhizo™ PULSE; AP = Active PLS™; CMVB = Cruiser Maxx® Vibrance® Beans Seed

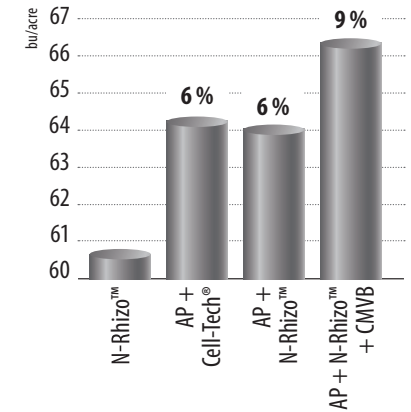


YIELD DATA - PEAS, MB • 2018

Research conducted by New Era Ag, Swan River, MB - 2018

TREATMENT	YIELD (bu/acre)	% CHANGE
N-Rhizo™	60.6	
N-Rhizo™ + CMVB	64.1	6
Cell-Tech® + CMVB	64	6
AP + N-Rhizo™ + CMVB	66.1	9

N-Rhizo = N-Rhizo™ PULSE; AP = Active PLS™; CMVB = Cruiser Maxx® Vibrance® Beans Seed



YIELD DATA - LENTIL, SK • 2018

Research conducted by Agquest, Saskatoon, SK - 2018

TREATMENT	YIELD (bu/acre)	% CHANGE
Check (Cell-Tech®)	22	
N-Rhizo™	21	
N-Rhizo™ + CMVB	23	5.0
Cell-Tech® + CMVB	23	5.0
AP + Cell-Tech® + CMVB	26	18.0
AP + N-Rhizo™ + CMVB	25	14.0

N-Rhizo = N-Rhizo™ PULSE; AP = Active PLS™; CMVB = Cruiser Maxx® Vibrance® Beans Seed

3-4 times ROI
N-Rhizo™ PULSE + Active PLS™

PEAS NODULE DATA - 2018 • CANADA

Research conducted by New Era Ag, Swan River, MB; Agquest, Saskatoon, SK - 2018

TREATMENT	Saskatoon, SK	Swan River, MB	MEAN
Check (Cell-Tech®)	4	47.1	26
N-Rhizo™	11	63.2	37
Active PLS™ + Cell-Tech®	9	29.5	19
Active PLS™ + N-Rhizo™	10	108.9	59
Active PLS™ + N-Rhizo™ + CMVB	9	72.4	41



Lentil plant treated with N-Rhizo™ PULSE + Active PLS™