



ACTIVE
AgriScience
activeagriscience.com

TECHNOLOGY BEYOND the POINT of NUTRITION™

Active AgriScience Inc. supports the farming community by providing innovative, effective and economical products. A leader in plant nutrient and bioactive compound research and technology, Active AgriScience uses rigorous scientific methods to develop full cycle fertilizer and nitrogen management solutions to help enhance crop potential while being mindful of environmental impacts.

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Saskatoon, SK, S7K 5Y7, Canada
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GUARANTEED MINIMUM ANALYSIS

Total Nitrogen (N)	2%
Available Phosphate (P ₂ O ₅)	10%
Soluble Potash (K ₂ O)	10%
Boron (B)(actual)	0.1%
Cobalt (Co)(actual)	0.04%
Iron (Fe)(actual)	0.005%
Manganese (Mn)(actual)	0.1%
Molybdenum (Mo)(actual)	0.05%
Nickel (Ni)(actual)	0.001%
Zinc (Zn)(actual)	0.2%
Fulvic acid	1%
Lactic acid	1%
EDDHA	0.0125%
EDTA	0.36%

activeagri.com/active-pls



DEC 11 2024

active
PLS
PEAS
LENTILS
SOYBEANS

SEED TREATMENT FOR LEGUME CROPS

NUTRIENT PACKAGE
2 - 10 - 10
0.1% Boron
0.04% Cobalt
0.005% Iron
0.1% Manganese
0.05% Molybdenum
0.001% Nickel
0.2% Zinc

ENHANCED GERMINATION

Supplies seeds with essential micronutrients and trace elements to improve germination rates.

PROMOTES EARLY GROWTH

Contains essential macronutrients and trace elements to promote vigorous early growth.



BALANCED PH

Maintains an ideal pH to enhance rhizobacterial growth and root-inoculant communication.



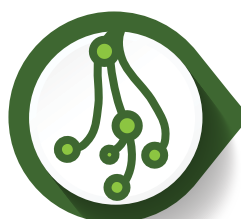
SUPERIOR NUTRIENTS

Superior nutrient composition enhances seed performance while offering excellent value.



IMPROVED STRESS RESISTANCE

Enhances plant performance under cold, wet, or drought conditions by upregulating desirable pathways.



OPTIMIZED BNF EFFICIENCY

Works synergistically with rhizobial inoculants to maximize Biological Nitrogen Fixation (BNF).



Boost Crop Performance with our
FULL SEASON FERTILITY PACKAGE

active **PLS**
PEAS
LENTILS
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SEEDING

active **VPR**
PLUS

EARLY GROWTH

active **PODFILL**

FLOWERING



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ALWAYS READ LABEL BEFORE USE

MIXING INSTRUCTIONS

Calibrate equipment to release the required amount of Active PLS and other agrochemicals based on seed flow rate. Thoroughly mix seeds with the Active PLS and other agrochemicals. If using Active PLS without additional agrochemicals, dilute with water (1:1 ratio) to ensure uniform coverage of seeds. A colouring additive allows a visual check to ensure all seeds are uniformly coated. Allow treated seeds to air dry for 5-10 min before seeding.

APPLICATION

Apply once before seeding as a seed nutrient dressing using 2 ml / kg of seed.

COMPATIBILITY

Compatible with **Rhizobium** and **Bradyrhizobium inoculants**, most pesticides, and fertilizers. If compatibility is uncertain, conduct a jar test prior to use. Scan QR code for more information.

AVAILABLE SIZES

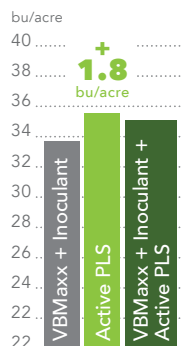
10L, 500L, 1000L



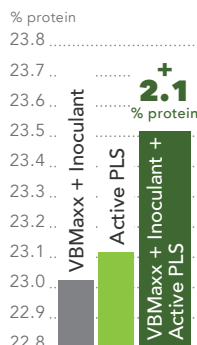
*3rd party yield research with Ag-Quest.

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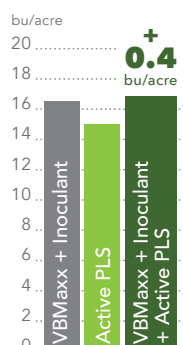
PEAS - YIELD



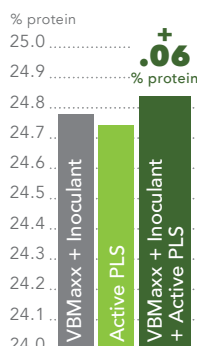
PEAS - PROTEIN



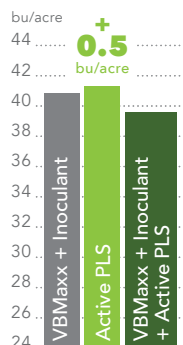
LENTILS - YIELD



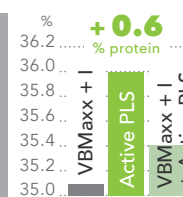
LENTILS - PROTEIN



SOYBEAN - YIELD



SOYBEAN PROTEIN



TREATMENTS	YIELD REP 1 (bu/acre)	YIELD REP 2 (bu/acre)	YIELD REP 3 (bu/acre)	YIELD REP 4 (bu/acre)	AVERAGE YIELD (bu/acre)	% CHANGE
VBMmaxx + Inoculant	36.3	31.2	38.4	28.7	33.7	
Active PLS	38.3	34.2	32.5	36.9	35.5	5.4
VBMmaxx + Inoculant + Active PLS	39.5	30.8	31.4	39.0	35.2	4.5

TREATMENTS	PROTEIN REP 1 (%)	PROTEIN REP 2 (%)	PROTEIN REP 3 (%)	PROTEIN REP 4 (%)	AVERAGE PROTEIN (%)	% CHANGE
VBMmaxx + Inoculant	23.45	22.99	22.43	23.25	23.03	
Active PLS	23.29	23.32	23.05	22.83	23.12	0.40
VBMmaxx + Inoculant + Active PLS	23.22	24.28	23.15	23.41	23.52	2.11

TREATMENTS	YIELD REP 1 (bu/acre)	YIELD REP 2 (bu/acre)	YIELD REP 3 (bu/acre)	YIELD REP 4 (bu/acre)	AVERAGE YIELD (bu/acre)	% CHANGE
VBMmaxx + Inoculant	17.6	18.6	12.3	17.6	16.5	
Active PLS	16.2	13.2	15.0	16.4	15.2	-8.0
VBMmaxx + Inoculant + Active PLS	18.7	18.2	13.4	17.2	16.9	2.1

TREATMENTS	PROTEIN REP 1 (%)	PROTEIN REP 2 (%)	PROTEIN REP 3 (%)	PROTEIN REP 4 (%)	AVERAGE PROTEIN (%)	% CHANGE
VBMmaxx + Inoculant	25.42	25.12	23.89	24.68	24.78	
Active PLS	25.29	24.77	24.87	24.01	24.74	-0.17
VBMmaxx + Inoculant + Active PLS	25.22	24.31	24.21	25.60	24.84	0.23

TREATMENTS	YIELD REP 1 (bu/acre)	YIELD REP 2 (bu/acre)	YIELD REP 3 (bu/acre)	YIELD REP 4 (bu/acre)	AVERAGE YIELD (bu/acre)	% CHANGE
VBMmaxx + Inoculant	40.5	45.1	40.3	37.1	40.8	
Active PLS	38.7	44.2	40.4	41.7	41.3	1.2
VBMmaxx + Inoculant + Active PLS	43.4	36.6	37.7	40.7	39.6	-2.8

TREATMENTS	AVERAGE PROTEIN (%)	% CHANGE
VBMmaxx + Inoculant	35.40	
Active PLS	36.00	1.69
VBMmaxx + Inoculant + Active PLS	35.10	-0.85