



ACTIVE[™]
AgriScience

activeagriscience.com

TECHNOLOGY
BEYOND THE
POINT OF
NUTRITION

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.

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ACTIVE INGREDIENTS:

12% N-(n-butyl) thiophosphoric triamide (NBPT).
2% 3,4-Dimethyl pyrazol Phosphate (DMPP).

INACTIVE INGREDIENTS:

86 % (preservative, colorant, spreading agents, surfactant, product performance enhancer).

VARIABLE APPLICATION:

UAN: 1 - 2 L / mt
Urea: 1.2 - 2.4 L / mt

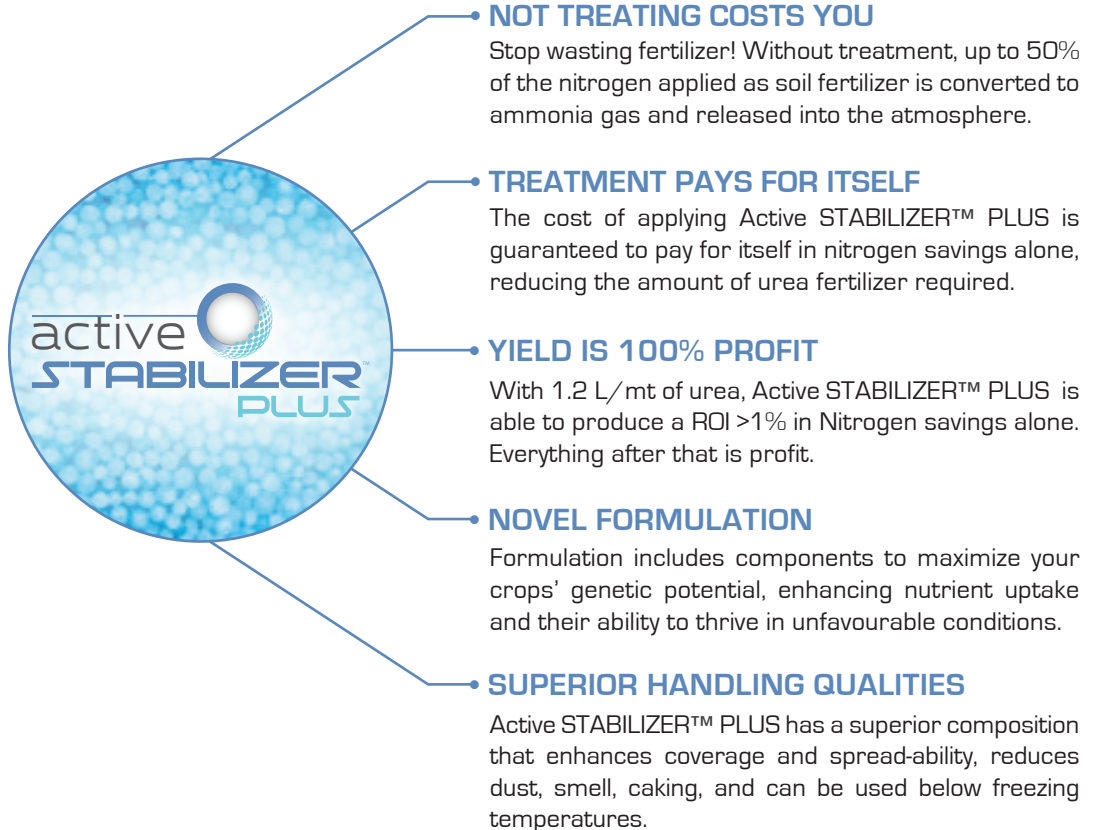
Use this product only in accordance with directions on the label.



**DUAL-ACTION
NITROGEN
STABILIZER**



Active STABILIZER™ PLUS prevents nitrogen loss due to ammonia volatilization, nitrification and denitrification processes ensuring applied fertilizer is not wasted. Depending on a farmer's goals, Active STABILIZER™ PLUS gives farmers a choice: higher yield using the same amount of urea based nitrogen or same yield but using less urea based nitrogen. In comparison to DCD products, the DMPP in Active STABILIZER™ PLUS offers superior efficacy and no bio-accumulation. With its low cost and unique variable application rate, farmers can treat as necessary to maximize their return on investment.



**NO LONGER STRESS ABOUT THE DECISION TO STABILIZE YOUR NITROGEN.
BENEFITS PLUS PRICE EQUALS PEACE OF MIND**



ACTIVETM
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COST OF TREATMENT
\$2.53/acre or \$0.013/lb to
treat 193.48 lb urea @ 1.2L.

UREA SAVINGS
Cost of urea = \$0.273/lb.

Urea saved/acre with
treatment = 13.63 lb.

\$0.273 * 13.63lb = \$3.72 of
urea saved/acre.

\$3.72 - \$2.53 = \$1.19/acre
net money saved.

Grower loses \$1.19/acre by
not treating.

YIELD SAVINGS
N requirement to increase 1
bu of canola = 3.3 lb.

6.3 lb of N saved ÷ 3.3 lb/bu
canola = 1.9 bu of canola
gained.

1.9 bu of canola/acre *
\$13/bu = \$24.70 potential
revenue gained.

TOTAL SAVINGS
\$24.7 + \$1.19 =
\$25.89/acre in savings.



BENEFITS PLUS
PRICE EQUALS
PEACE OF MIND



DUAL-ACTION NITROGEN STABILIZER



AMMONIA VOLATILIZATION OF UREA TREATED WITH ACTIVE STABILIZER PLUS

Greenhouse study conducted at University of Manitoba

N APPLICATION RATE: 89 lb / acre

UREA MARKET PRICE: \$600 / mt

ACTIVE STABILIZER PLUS SRP: \$24 / L

TREATMENT COST AT 1.2L / mt: \$2.53 / acre

N REQUIREMENT TO INCREASE 1 bu OF CANOLA: 3.3 lb

CANOLA MARKET PRICE: \$13.00 / bu

Application Rate (L/mt)	N savings lb of N/acre			\$ Value for saved N / acre	Net savings / acre	Expected yield increase - canola (bu/acre)	\$ Value for increased yield	Total peace of mind
	NH3	Nitrates	Total					
Untreated urea	0.0	0.0	0.0	\$0.00	\$0.00	0.00	\$0.00	\$0.00
Urea 1.2L	3.2	3.1	6.27	\$3.72	\$1.19	1.90	\$24.70	\$25.89
Urea 1.8L	3.2	1.5	4.65	\$2.76	-\$1.04	1.41	\$18.32	\$17.27
Urea 2.4L	3.7	1.1	4.76	\$2.82	-\$2.25	1.44	\$18.74	\$16.49

