



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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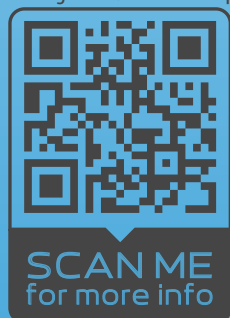
ACTIVE INGREDIENTS

18% NBPT (N-(n-butyl) thiophosphoric triamide);

INACTIVE INGREDIENTS

82% [N-methyl-2-pyrrolidone (NMP), propylene glycol, emulsifier, preservative, dye].

activeagri.com/arm-u-18nbpt



JULY 30 2024



ARM U™
18% NBPT

18% NBPT
**UREASE
INHIBITOR**

BEST INDUSTRY VOLATILIZATION PRODUCT

Leads the industry in preventing nitrogen loss via ammonia volatilization.



HIGHLY EFFICIENT

Requires less product per metric tonne of fertilizer compared to competitor brands.



CANADIAN MADE

Made in Canada and designed specifically for North American conditions.



INHIBITS NH₃ LOSS

Up to 81% reduction in ammonia volatilization compared to untreated urea.



BEST NITROGEN MANAGEMENT ROI

Enhanced nitrogen fertilizer efficiency translates into a significant ROI.



GREAT HANDLING

Easy to store, mix, and apply, offering reliable performance under various environmental conditions.

NITROGEN STABILIZERS FOR EVERY SCENARIO



12% NBPT, 2% DMPP
General purpose dual inhibitor for fall or spring.



10% DMPP
For banded applications.



18% NBPT
For high soil pH, low moisture.



30% NBPT, 15% DMPP
For fall applications, water-logged soils.



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ALWAYS READ LABEL BEFORE USE

BLENDING DIRECTIONS

Blending into Urea: Use 2 L ARM U™/1000 kg Urea. For uniform blending, use a blender with impregnation equipment. Weigh the urea and transfer to blender. Add the required amount of ARM U™ to the urea in the blender. Blend until the ARM U™ is uniformly mixed into the urea. Do not add any other fertilizer materials until ARM U™ is thoroughly distributed. If mixture appears wet or sticky, a drying agent may be added at this time.

Blending into UAN: Use 1.2 L ARM U™/ 1000 kg UAN solution. Fill spray tank with half the desired amount of UAN, Measure the recommended quantity of ARM U™ and add to the tank. Mix well. Add other products at this stage, if needed. Add the second half of the UAN solution. Continue mixing until well blended. Keep agitator running while mixing.

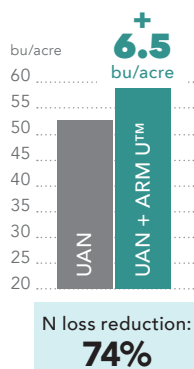
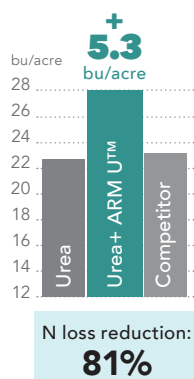
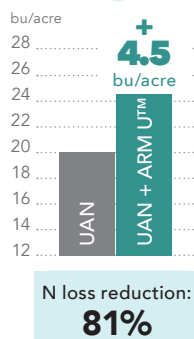
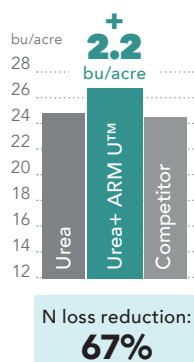
COMPATIBILITY

Compatible with urea, urea ammonium nitrate and other urea based fertilizers.

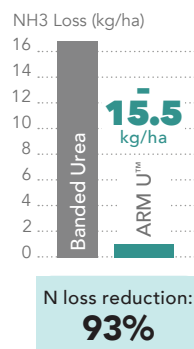
*3rd party research by University of Manitoba and University of Winnipeg.

ACTIVE AGRISCIENCE DISCLAIMER: Presented Data and product attributes will not guarantee the future efficacy and product attributes as these vary greatly related to weather conditions soil types and genetics of crops. It is understood and agreed that Active AgriScience Inc. ("Active") does not guarantee that use of its Products will yield any specific result. Active's legal liability, and that of its employees or agents, arising from use of its products shall be limited to the cost paid for the product regardless of whether any loss arose from Active's own negligence, breach of contract, or any other cause. Under no circumstance shall Active be liable, beyond the cost paid for the product, for direct consequential, incidental, or special damages, including, but not limited to, damage or destruction of a crop, or contamination of any property.

CANOLA



NH3 LOSS



CANOLA • UREA - ARM U™, SPRING APPLIED *

TREATMENTS	TOTAL NH ₃ LOSS (kg N/ha)	% REDUCTION	GRAIN YIELD (kg/ha)	GRAIN YIELD (bu/acre)	% CHANGE
Urea	15.0		1646	24.6	
Urea with ARM U™	4.9	67.0	1793	26.8	8.9
Urea + competitor	6.7	55.0	1611	24.1	-2.1

CANOLA • UAN - ARM U™, FALL APPLIED *

TREATMENTS	TOTAL NH ₃ LOSS (kg N/ha)	% REDUCTION	GRAIN YIELD (kg/ha)	GRAIN YIELD (bu/acre)	% CHANGE
UAN	6.5		1339	20.0	
UAN with ARM U™	1.2	81.0	1636	24.5	22.2

WHEAT • UREA - ARM U™, FALL APPLIED *

TREATMENTS	TOTAL NH ₃ LOSS (kg N/ha)	% REDUCTION	GRAIN YIELD (kg/ha)	GRAIN YIELD (bu/acre)	% CHANGE
Urea	15.1		1520	22.7	
Urea with ARM U™	2.9	81.0	1871	28.0	23.1
Urea + competitor	2.1	86.0	1564	23.4	2.9

WHEAT • UAN - ARM U™, FALL APPLIED *

TREATMENTS	TOTAL NH ₃ LOSS (kg N/ha)	% REDUCTION	GRAIN YIELD (kg/ha)	GRAIN YIELD (bu/acre)	% CHANGE
UAN	9.0		3400	50.9	
UAN with ARM U™	2.4	74.0	3838	57.4	12.9

NH3 LOSS • Urea and UAN - ARM U 18% NBPT*

TREATMENT	BANDED		BROADCAST	
	CUMULATIVE NH ₃ LOSS (kg/ha)	% NH ₃ REDUCTION	CUMULATIVE NH ₃ LOSS (kg/ha)	% NH ₃ REDUCTION
Urea	16.6		19.2	
Urea + ARM U 18%NBPT	1.1	93.1	3.4	82.4
UAN	3.3		2.8	
UAN + ARM U 18%NBPT	0.5	85.8	1.7	39.7