



**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  
tel.: 639.398.0485

### ACTIVE INGREDIENTS

30% NBPT (N-(n-butyl) thiophosphoric triamide);

### INACTIVE INGREDIENTS

70% [N-methyl-2-pyrrolidone (NMP), propylene glycol, emulsifier, preservative, dye].

activeagri.com/arm-u-30nbpt



JULY 30 2024



**ARM U**<sup>TM</sup>  
30% NBPT

**30% NBPT**  
**UREASE**  
**INHIBITOR**

### BEST FOR HIGH NITROGEN LOSS SITUATIONS

High concentration of NBPT is effective with high pH soils and low moisture.



### MAXIMIZES FERTILIZER EFFICIENCY

Minimizes nitrogen loss, boosting fertilizer efficiency and reducing costs.



### CANADIAN MADE

Made in Canada and designed specifically for North American conditions.



### INHIBITS NH<sub>3</sub> LOSS

Up to 92% reduction in ammonia volatilization compared to untreated urea.



### CONSISTENT PERFORMANCE

Offers more reliable performance across a wider range of environmental conditions.



### EFFORTLESS APPLICATION

Liquid formulation allows easy application with thorough coverage and minimal handling issues.

## 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 1.2 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 720 ml 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.

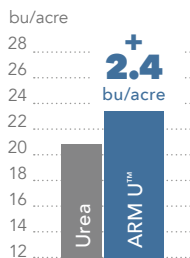
## COMPATIBILITY

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

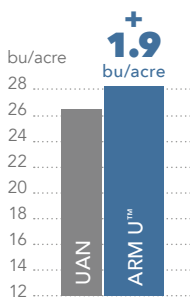
\*3<sup>rd</sup> party research by University of Manitoba and University of Winnipeg.

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.

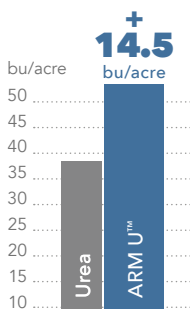
## CANOLA



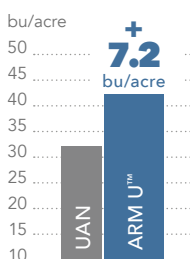
N loss reduction:  
**67%**



N loss reduction:  
**70%**

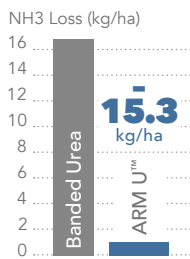


N loss reduction:  
**88%**



N loss reduction:  
**35%**

## NH3 LOSS



N loss reduction:  
**92%**

## CANOLA • UREA - ARM U™ 30% NBPT & 15% DMPP - FALL APPLIED\*

TREATMENTS	TOTAL NH <sub>3</sub> LOSS (kg N/ha)	% REDUCTION	GRAIN YIELD (kg/ha)	GRAIN YIELD (bu/acre)	% CHANGE
Urea	16.6		1410	21.1	
ARM U™ 30%NBPT & 15%DMPP	5.4	67.0	1570	23.5	11.3

## CANOLA • UAN - ARM U™ 30% NBPT & 15% DMPP - SPRING APPLIED\*

TREATMENTS	TOTAL NH <sub>3</sub> LOSS (kg N/ha)	% REDUCTION	GRAIN YIELD (kg/ha)	GRAIN YIELD (bu/acre)	% CHANGE
UAN	4.0		1762	26.4	
ARM U™ 30%NBPT & 15%DMPP	1.2	70.0	1888	28.3	7.2

## WHEAT • UREA - ARM U™ 30% NBPT & 15% DMPP - FALL APPLIED\*

TREATMENTS	TOTAL NH <sub>3</sub> LOSS (kg N/ha)	% REDUCTION	GRAIN YIELD (kg/ha)	GRAIN YIELD (bu/acre)	% CHANGE
Urea	21.0		2573	38.5	
ARM U™ 30%NBPT & 15%DMPP	2.4	88.0	3544	53.0	37.7

## WHEAT • UAN - ARM U™ 30% NBPT & 15% DMPP - FALL APPLIED\*

TREATMENTS	TOTAL NH <sub>3</sub> LOSS (kg N/ha)	% REDUCTION	GRAIN YIELD (kg/ha)	GRAIN YIELD (bu/acre)	% CHANGE
UAN	2.6		2201	32.9	
ARM U™ 30%NBPT & 15%DMPP	1.7	35.0	2682	40.1	22.0

## NH3 LOSS • Urea and UAN - ARM U 30% NBPT\*

TREATMENT	BANDED		BROADCAST	
	CUMULATIVE NH3 LOSS (kg/ha)	% NH3 REDUCTION	CUMULATIVE NH3 LOSS (kg/ha)	% NH3 REDUCTION
Urea	16.6		19.2	
Urea + ARM U 30% NBPT	1.3	92.3	2.4	87.6
UAN	3.3		2.8	
UAN + ARM U 30% NBPT	1.0	70.4	1.6	41.4