



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.

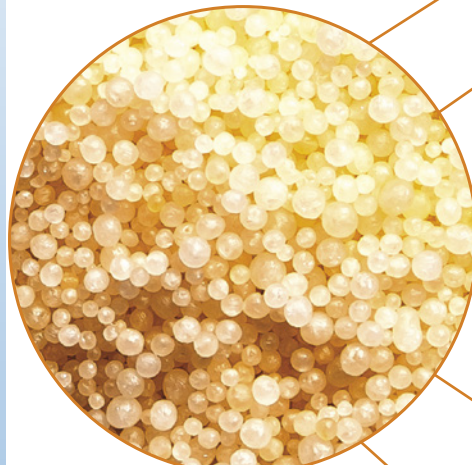
209 - 31136 Peardonville Rd,
Abbotsford, BC, V2T 6K2, Canada
tel.: 604.864.0154
fax: 604.864.0156



INTELLIGENT NITROGEN STABILIZER



The patented ARM UTM formula makes our products one of the most advanced Nitrogen management technologies on the market.



- **Increased NBPT efficacy & efficiency**
(stabilized & buffering capacity)
- **Thorough coverage and coating agent**
(spreader molecules)
- **Minimal smell**
(unlike other products in the market)
- **Acts as a dust control agent**
- **Stays in liquid form up to -15°C,**
making it easy to handle and store in cooler conditions
- **Formulated and manufactured for North American conditions**



Patent numbers:
USA: 9422203 B2
Canada: 2889430

Active ingredient:
18% N-(n-butyl) thiophosphoric triamide (NBPT), CAS No. 94317-64-3.

Total inactive ingredients:
82 % (preservative, colorant, spreading agents, surfactant).

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BLENDING INSTRUCTIONS:

Blending into UREA-AMMONIUM NITRATE (UAN) SOLUTIONS:

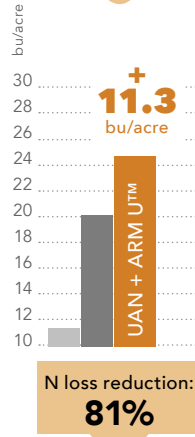
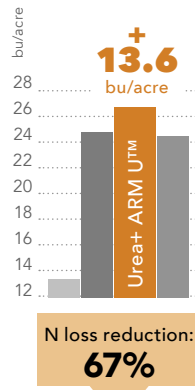
Use 1.2 L ARM U™/1000 kg UAN solution (1.5 qt ARM U™/250 gal UAN solution). Fill spray tank with half the desired amount of UAN, Measure the recommended quantity of Arm U™ and add to the tank. Mix well. Add other products at this stage, if needed. Add the second half of the UAN solution. Continue mixing until well blended.

Blending into UREA:

Use 2 L ARM U™/1000 kg Urea (2 qt ARM U™/ 2000 lbs 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.

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 Actives 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



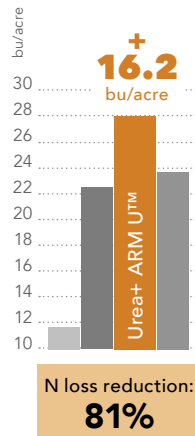
CANOLA • UREA - ARM U™, SPRING APPLIED *

TREATMENTS	TOTAL NH ₃ LOSS (kg N/ha)	% REDUCTION	GRAIN YIELD (kg/ha)	GRAIN YIELD (bu/acre)	% CHANGE
Bare soil	0.4		880	13.2	
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 *

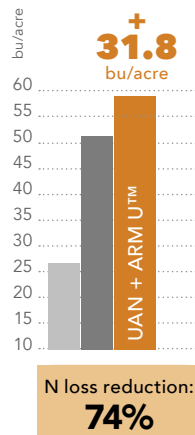
TREATMENTS	TOTAL NH ₃ LOSS (kg N/ha)	% REDUCTION	GRAIN YIELD (kg/ha)	GRAIN YIELD (bu/acre)	% CHANGE
Bare soil	0		880	13.2	
UAN	6.5		1339	20.0	
UAN with ARM U™	1.2	81.0	1636	24.5	22.2

WHEAT



WHEAT • UREA - ARM U™, FALL APPLIED *

TREATMENTS	TOTAL NH ₃ LOSS (kg N/ha)	% REDUCTION	GRAIN YIELD (kg/ha)	GRAIN YIELD (bu/acre)	% CHANGE
Bare soil	0		787	11.8	
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
Bare soil	0		1710	25.6	
UAN	9.0		3400	50.9	
UAN with ARM U™	2.4	74.0	3838	57.4	12.9

* 3RD party research conducted by University of Manitoba and University of Winnipeg