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TECHNOLOGY PAST 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.

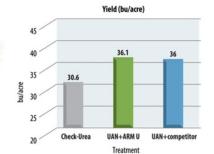


ARM U™ Case Studies

UAN+ARM U™ WHEAT YIELD DATA

CARMAN, MANITOBA SITE

Treatment	Yield (bu/acre)	% Increase
Check-Urea	30.6	
UAN+ARM U™	36.1	19%
UAN+Competitor	36	18%



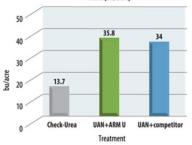
HIGH BLUFF, MANITOBA SITE

Treatment	Yield (bu/acre)	% Increase
Check-Urea	13.7	
UAN+ARM U™	35.8	161%
UAN+Competitor	34	148%

50

WHEAT

WHEAT



Yield (bu/acre)

Field Result Photos



3rd party field research conducted by University of Manitoba and University of Winnipeg Research Sites: Carman, MB; High Bluff, MB. Crops used: Wheat and Canola

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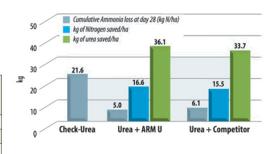
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UREA+ARM U™ WHEAT FIELD RESEARCH DATA

CARMAN, MANITOBA SITE

CUMULATIVE AMMONIA LOSS

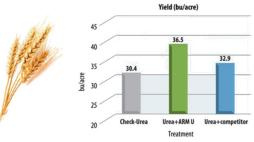
Treatment	Cumulative Ammonia loss at day 28 (kg N/ ha)	% Reduction	kg of Nitrogen saved/h	kg of urea saved/ha
Check-Urea	21.6			
Urea+ARM U™	5.0	78%	16.6	36.1
Urea+Competitor	6.1	73%	15.5	33.7



YIELD DATA

Treatment	Yield (bu/acre)	% Increase
Check-Urea	30.4	
Urea+ARM U™	36.5	20%
Urea+Competitor	32.9	8%

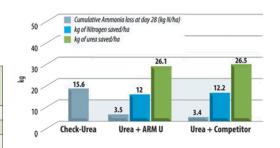




HIGH BLUFF, MANITOBA SITE

CUMULATIVE AMMONIA LOSS

Treatment	Cumulative Ammonia loss at day 28 (kg N/ ha)	% Reduction	kg of Nitrogen saved/h	kg of urea saved/ha
Check-Urea	15.6			
Urea+ARM U™	3.5	79%	12	26.1
Urea+Competitor	3.4	80%	12.2	26.5

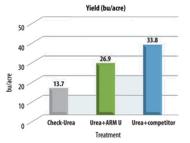


YIELD DATA

Treatment	Yield (bu/acre)	% Increase
Check-Urea	13.7	
Urea+ARM U™	26.9	27%
Urea+Competitor	33.8	34%

WHEAT





Field Result Photos



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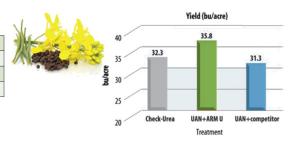
UAN+ARM U™ CANOLA FIELD RESEARCH DATA

CARMAN, MANITOBA SITE

CANOLA

YEILD DATA

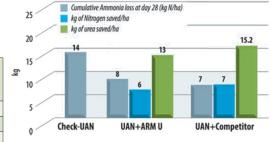
Treatment	Yield (bu/acre)	% Increase
Check-Urea	32.3	
UAN+ARM U™	35.8	11%
UAN+Competitor	31.3	-3%



HIGH BLUFF, MANITOBA SITE

CUMULATIVE AMMONIA LOSS

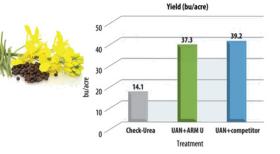
Treatment	Cumulative Ammonia loss at day 28 (kg N/ ha)	% Reduction	kg of Nitrogen saved/h	kg of urea saved/ha
Check-Urea	14			
UAN+ARM U™	8	44%	6	13
UAN+Competitor	7	51%	7	15.2



YEILD DATA

Treatment	Yield (bu/acre)	% Increase
Check-Urea	14.1	
UAN+ARM U™	37.3	165%
UAN+Competitor	39.2	178%

CANOLA



Field Result Photos



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Crops used: canola and Canola



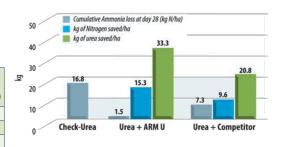
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UREA+ARM U™ CANOLA FIELD RESEARCH DATA

CARMAN, MANITOBA SITE

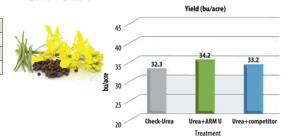
CUMULATIVE AMMONIA LOSS

Treatment	Cumulative Ammonia loss at day 28 (kg N/ ha)	% Reduction	kg of Nitrogen saved/h	kg of urea saved/ha
Check-Urea	16.8			
Urea+ARM U™	1.5	92%	15.3	33.3
Urea+Competitor	7.3	58%	9.6	20.8



YEILD DATA

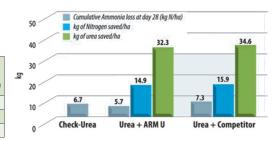
Treatment	Yield (bu/acre)	% Increase
Check-Urea	32.3	
Urea+ARM U™	34.2	6%
Urea+Competitor	33.2	3%



HIGH BLUFF, MANITOBA SITE

CUMULATIVE AMMONIA LOSS

Treatment	Cumulative Ammonia loss at day 28 (kg N/ ha)	% Reduction	kg of Nitrogen saved/h	kg of urea saved/ha
Check-Urea	6.7			
Urea+ARM U™	5.7	70%	14.9	32.3
Urea+Competitor	7.3	75%	15.9	34.6

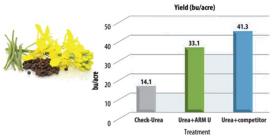


YEILD DATA

Treatment	Yield (bu/acre)	% Increase
Check-Urea	14.1	
Urea+ARM U™	33.1	135%
Urea+Competitor	41.3	193%

CANOLA

CANOLA



Field Result Photos



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