

# 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.

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## Active PRIME™ • WINTER WHEAT



### Active PRIME treated

REGULAR

- ENHANCED GERMINATION
- STRONGER ROOT GROWTH
- REDUCED TRANSPIRATION
- INCREASED WATER USE EFFICIENCY
- INCREASED NUTRIENT MOBILIZATION AND ABSORPTION
- INCREASED PERFORMANCE UNDER STRESS CONDITIONS
- INCREASED FUNCTION UNDER WIDE RANGE OF pH



### **DIRECTIONS FOR USE:**

READ THE ENTIRE LABEL BEFORE USING THIS PRODUCT. SHAKE WELL BEFORE USING. Apply as a seed nutrient dressing to wheat, canola or barley seeds at the rate of 4 ml / kg of seed. Seed coating can be done simultaneously with Active Prime $^{\text{TM}}$  and compatible agrochemicals. If using Active PRIME $^{\text{TM}}$  without additional agrochemicals, dilute with water (1:1 ratio) to ensure uniform coverage of seeds.

- Calibrate equipment to release the required amount of Active Prime™ and other agrochemicals based on seed flow rate.
- Thoroughly mix seeds with the Active Prime™ (and other agrochemicals) mixture. A coloring additive allows a visual check to ensure all seeds are uniformly coated.
- Allow treated seeds to air dry for 5-10 min before seeding.





# PREMIUM SEED NUTRIENT DRESSING

Active PRIME<sup>™</sup> nsures early germination, increased seedling vigor, better root growth, and increased yield.





## YIELD DATA. WINTER WHEAT • 2015, 2016

Research conducted by AGQUEST (Elm Creek, MB and Taber, AB).

Treatment	Yield (bu/ac)					
	2015		2016			
	Elm Creek, MB	Taber, AB	Elm Creek, MB	Mean	% change	
Check	65.0	41.7	89.0	65.2		
Active PRIME	69.3	45.6	91.3	68.7	5.4	

# Yield - 2015, 2016 69 68 67 66 65 65 Check Treatment

# Root Length (cm) 134 131 128 125 120 14 Active PRIME Treatment

### **ROOT ARCHITECTURE DATA. WINTER WHEAT • 2015, 2016**

Research conducted by AGQUEST (Elm Creek, MB and Taber, AB).

Treatment	Root Length (cm)						
	2015		2016				
	Elm Creek, MB	Taber, AB	Elm Creek, MB	Mean	% change		
Check	168.0	71.2	122.0	120.4			
Active PRIME	187.0	81.0	131.0	133.0	10.5		