



**ACTIVE**<sup>TM</sup>  
AgriScience  
activeagriscience.com

TECHNOLOGY  
BEYOND  
the POINT  
of NUTRITION<sup>TM</sup>

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  
**COMPLETE**<sup>TM</sup>

ENHANCING  
**NUTRITIONAL**  
QUALITY



Active COMPLETE<sup>TM</sup> provides the micronutrients needed for a strong finish to the plant reproductive phase, along with Active AgriScience's proprietary Intrinsic<sup>TM</sup> activation formula. This results in greater and more uniform production of fruits, grains, and seeds, and overall, a higher yield. In addition, this pre-harvest fertilizer increases grain quality and seed nutrition.



#### **GUARANTEED MINIMUM**

##### **ANALYSIS:**

Available Phosphate ( $P_2O_5$ ) ... 38%  
Soluble Potash ( $K_2O$ ) ..... 7%  
Manganese (Mn)(actual) ..... 2.8%  
Zinc (Zn)(actual) ..... 4.7%

#### **INCREASED CROP VOLUME:**

Active COMPLETE<sup>TM</sup> supports quicker and more uniform late season growth; husk and pod fill, fruit ripening, and seed maturation.

#### **INCREASED QUALITY:**

Active COMPLETE<sup>TM</sup> increases grain quality and seed nutrition.

#### **REDUCED TRANSPIRATION:**

Active COMPLETE<sup>TM</sup> increases xylem pressure through positive water potential, and enhanced elasticity of the xylem, and helps to regulate stomatal function to reduce excess water loss.

#### **INCREASED WATER USE EFFICIENCY:**

Active COMPLETE<sup>TM</sup> combats drought induced changes in plants by inhibiting both ethylene synthesis and free radical formation. Ethylene and free radicals destabilize plant membranes, through fluidization and lipid peroxidation, resulting in water leakage and quicker wilting. Active COMPLETE<sup>TM</sup> treated plants exhibit greater water use efficiency and inherent resistance to these drought-induced changes.

#### **INCREASED NUTRIENT MOBILIZATION and ABSORPTION:**

Active COMPLETE<sup>TM</sup> provides nitrogen and potassium in easy-to-absorb complexes, and phosphorous in two different forms. This increases secretion of root exudates into the rhizosphere resulting in increased bound nutrient mobilization, availability, and root interception. Treated plants show improved nutrient uptake.

#### **INCREASED PERFORMANCE UNDER STRESS CONDITIONS:**

Active COMPLETE<sup>TM</sup> benefits are unaffected by unfavourable conditions. It maintains the ability to simultaneously upregulate desirable pathways and downregulate undesirable pathways, allowing plants to maximize their genetic potential under cold, wet or drought conditions.

#### **PRESERVES PRODUCT EFFICACY and FUNCTION OVER a WIDE pH RANGE:**

Active COMPLETE<sup>TM</sup> contains simple organic molecules that act as either weak acids or bases. This buffering capacity preserves product efficacy and function over a wide pH range.



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## DIRECTIONS for USE:

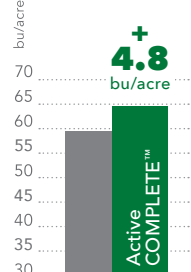
**General Crop Use:** apply at late fungicide timing as a foliar spray using 1.25 - 2.5 L per hectare (0.5 - 1 L per acre) with a minimum of 50 L water per hectare (20 L / acre) for ground applications and 30 L of water per hectare (12 L / acre) for aerial applications. **Wheat:** full flowering, 50% of anthers mature, BBCH 60-65. **Corn:** milk stage, BBCH 60-65 or at herbicide timing. **Soybean, other pulses:** after pods are formed, V5-R2. **Potatoes:** when tubers are beginning to form or at herbicide timing. **Tomatoes, vegetables:** full flowering, 50% of anthers mature, BBCH 60-65. **Fruit and nut trees:** after fruit/pod formation and before ripening. **Hops:** when cones begin to form. Spray early morning or late afternoon when the sun is lower in the sky. Do not apply when air temperatures are above 29°C. Avoid spraying on windy days. Add tank-mix partners in the following order: water, agrochemical, Active COMPLETE™.

**COMPATIBILITY:** This product is compatible with most fertilizers and pesticides. If compatibility is uncertain, conduct a jar test prior to use.

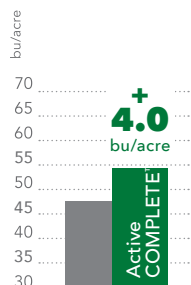
\* 3<sup>rd</sup> party field research with Ag-Quest, BC Grain, ICMS, Mara and New-Marc Research

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.

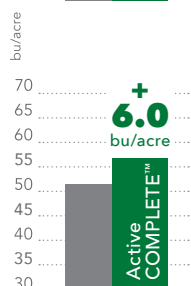
### WHEAT



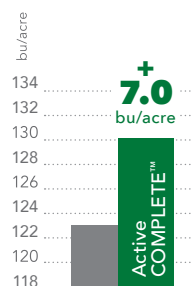
### CANOLA



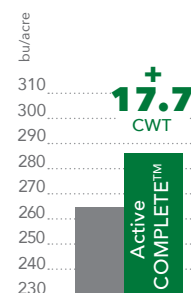
### SOYBEAN



### OATS



### POTATOES



## WHEAT • 6 YEAR AVERAGE YIELD DATA \*

TREATMENTS	YIELD - 2013 (bu/acre)	YIELD - 2014 (bu/acre)	YIELD - 2015 (bu/acre)	YIELD - 2016 (bu/acre)	YIELD - 2017 (bu/acre)	YIELD - 2018 (bu/acre)	AVERAGE (bu/acre)	% CHANGE
Check	77.0	63.3	50.9	45.3	68.2	56.0	59.5	0
Active COMPLETE™	87.0	65.6	56.9	48.4	72.7	59.75	64.3	8

## CANOLA • 5 YEAR AVERAGE YIELD DATA \*

TREATMENTS	YIELD - 2013 (bu/acre)	YIELD - 2014 (bu/acre)	YIELD - 2015 (bu/acre)	YIELD - 2016 (bu/acre)	YIELD - 2017 (bu/acre)	5 YEAR AVERAGE (bu/acre)	% CHANGE
Check	45.0	52.0	39.0	33.8	57.7	45.5	0
Active COMPLETE™	48.5	62.3	40.7	37.3	58.7	49.5	9

## SOYBEAN • 4 YEAR AVERAGE YIELD DATA \*

TREATMENTS	YIELD - 2013 (bu/acre)	YIELD - 2014 (bu/acre)	YIELD - 2015 (bu/acre)	YIELD - 2016 (bu/acre)	3 YEAR AVERAGE (bu/acre)	% CHANGE
Check	68.0	10.1	58.1	68.7	51.2	0
Active COMPLETE™	74.0	22.4	61.5	70.8	57.2	11.6

## OATS • 3 YEAR AVERAGE YIELD DATA \*

TREATMENTS	YIELD-2016 (bu/acre)	YIELD-2017 (bu/acre)	YIELD-2018 (bu/acre)	3 YEAR AVERAGE (bu/acre)	% CHANGE
Check	138.1	159.6	77.6	123.0	0
Active COMPLETE™	151.5	163.1	74.0	130.0	5.5

## POTATO • 2 YEAR AVERAGE YIELD DATA \*

TREATMENTS	YIELD-2018 (CWT)	YIELD-2019 (CWT)	2 YEAR AVERAGE (CWT)	% CHANGE
Check	253.1	274.8	264.0	0
Active COMPLETE™	258.0	305.3	281.7	6.7

## Active COMPLETE™ EFFECT

