



ACTIVE[™]
AgriScience
activeagriscience.com

TECHNOLOGY
BEYOND
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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DIRECTIONS FOR USE:

ALWAYS READ LABEL BEFORE USE.

General Crop Use: apply at fungicide timing as a foliar spray using 2.5 L per hectare (1 L per acre) with a minimum of 50-100 L water per hectare (20-40 L / acre) for ground applications and 60 L of water per hectare (12-24 L / acre) for aerial applications. Allow a minimum of 3 weeks between applications.

Canola, soybean, peas, lentils and other pulse crops: apply once at the pre-bloom - 30% bloom stage.

COMPATIBILITY: This product is compatible with most fertilizers, and pesticides. If compatibility is uncertain, conduct a jar test prior to use. Add tank-mix partners in the following order: water, agrochemical, Active PODFILL[™].

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SUPPORTING POLLINATION OF PULSE CROPS



Active PODFILL[™] enhances pollen development, fertilization, and yield of peas, lentils, soybeans and other beans. It improves pollen hydration, germination, pollen tube growth and viability. Active PODFILL[™] encourages bee foraging activity which increases fertilization. Plants produce more fruit sets and an increased number of larger, more uniform and higher quality pods and seeds, ultimately resulting in greater yields.



GUARANTEED MINIMUM ANALYSIS:

Total Nitrogen (N).....	8%
Available Phosphate (P2O5).....	4%
Soluble Potash (K2O).....	12%
Boron (B)(actual)	2.0%

Use this product on the basis of soil and tissue analysis in accordance with recommendations of a qualified person or institution or apply according to recommendations in your approved nutrient program.

TAILORED FORMULA SPECIFIC TO PULSES:

More economical formula compared to other nutrient solutions tailored specifically to enhance the pollination and fertilization of peas, lentils, soybeans and other beans.

INCREASED POLLEN TUBE GROWTH:

Pollen tube growth is essential for sexual reproduction to occur in plants. Active PODFILL[™] contains nitrogen, potassium, and a polyamine complex to support pollen tube growth and accumulation of secretory vesicles in pollen tubes.

INCREASED FERTILIZATION:

Active PODFILL[™] helps regulate anther dehiscence and pollen hydration. It also increases pollen volume and viability while the polyamines present in Active PODFILL[™] help attract bees, resulting in greater fertilization and minimal abortive flowers.

INCREASED SIZE AND QUALITY OF FRUITS, PODS AND SEEDS:

Active PODFILL[™] increases fertilization and supports carbohydrate and nucleic acid metabolism, sugar transport, cell differentiation and maturation. This results in a higher volume of larger, more uniform, high quality fruits, pods, and seeds.

INCREASED NUTRIENT MOBILIZATION AND ABSORPTION:

Active PODFILL[™] boosts the uptake of calcium, magnesium, and potassium.

INCREASED PERFORMANCE UNDER STRESS CONDITIONS:

Active PODFILL[™] 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.