



## THE POWERFUL ENERGY BOOST FOR YOUR CROP

Potente® is a 100% natural vegetal derived amino acid product designed to provide a quick boost of energy when crops need it most. From a physiological standpoint, plants must complete a wide range of metabolic and developmental processes to achieve their full genetic yield potential. Under optimal growing conditions, these functions occur efficiently and with minimal stress. However, Canada rarely experiences consistently ideal environmental conditions, creating ongoing challenges for crop performance and productivity.

Applications of Potente can help mitigate environmental and physiological stress events that may otherwise deplete plant energy reserves. By supporting protein synthesis, chlorophyll production, and nutrient assimilation, Potente helps maintain plant performance throughout the growing season, keeping crops on track to maximize yield potential, crop quality, and overall return on investment.



### POTENTE AMINO ACID OVERVIEW

- » Preferred amino acid profile containing over 50% glutamic acids, designed to provide a quick shot of energy when the plant needs it most
- » Increases resistance to biotic and abiotic stress
- » Supports plant metabolism for increased chlorophyll production and root growth
- » Optimizes efficiency of plant nutrition and pesticide treatments

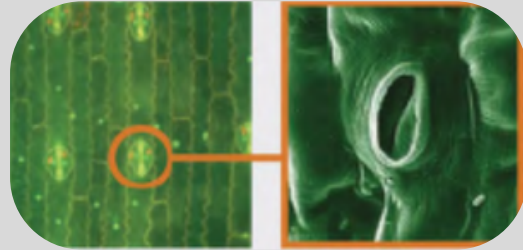
### NATURALLY POWERFUL. UNIQUELY EFFECTIVE

It starts with the right vegetal source ingredients and a unique blend of wheat and quinoa materials. These vegetal sources are rich in plant available L-isomer amino acids in contrast to less available D-isomer fractions found in animal-derived products. Our source materials must pass our rigorous quality control standards, to be considered. Our proteins and sugars undergo a highly controlled and proprietary fermentation process that renders amino acids which are easily assimilated and translocated into the plant. This exclusive manufacturing process is what sets Potente apart from other amino acid-based solutions and why Potente is so effective.

### THE POWER OF L-GLUTAMIC ACID

The opening of the stoma is controlled internally based on amino acids concentration. Stoma's close with temperature variations—resulting in lower transpiration and nutrient uptake efficiency. The L-Glutamic Acid acts as a cytoplasm osmotic agent of the guard cell and plant signaling compound to help plants manage energy reserves. Adequate levels of glutamic acid result in quicker signaling responses to the plant regarding energy needs, nutrient adsorption and root signaling.

### PLANT PHYSIOLOGY – ABSORPTION



Guard cells are key to plant physiology at work with Potente. L-glutamic acid opens guard cells, which are responsible for optimum uptake of macro- and micro-nutrients. Potente has over 50% of the total amino acids inside the jug, in the glutamic form.

### FEATURES & BENEFITS

- » Increased plant energy at key physiological phases of crop production
- » Enhanced chlorophyll production results in greening effect with visible impact on plant health
- » Supports faster vegetative and root development
- » Exceptional tank mix compatibility with herbicides, fungicides, insecticides, etc.
- » Available in 2 x 9.46 liter packs - 40 acres

### STRONG PEDIGREE FOR PERFORMANCE

Sipcam Agro Canada has a broad portfolio of crop protection and biostimulants and is part of an international network of companies that were formed more than 80 years ago. In fact, we are the market leader in our European geographies for biostimulants and have been for the past 15 years. You can be confident that Sipcam Agro products have been tested and proven under real world conditions by agronomists and producers who demand results.

**Put the POWER of Potente® to work on your crop, call 1 (833) 844-1924 for details**

Potente® 7-0-0 is a trademark of Sipcam Agro USA, Inc. To learn more about our entire portfolio of agricultural solutions, talk to your Sipcam Agro Canada representative or visit [www.sipcamagrocanada.ca](http://www.sipcamagrocanada.ca). Always read and follow label directions.

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