



ONE.A PROLINE



NutriCare
technologies

L-PROLINE

One.A Proline is a complexed Calcium using bioactive Proline amino acid.

ASSOCIATED WITH NUTRIENT(S)

Calcium (Ca): 143 g/L



Specifications

PACK SIZE 10 L	SHELF LIFE OF THE PRODUCT 18 months	FORM Liquid (SL)	STORAGE CONDITIONS Store away from frost and keep in original container out of direct sunlight and tightly closed.
FORMULATION Pure FREE Amino-Acids / Synthesis Origin	APPLICATION Foliar		

Agronomic interests

ROLE OF ACTIVE INGREDIENT	PRODUCT SPECIFICATIONS	FEATURES AND BENEFITS OF THE FORMULATION
<p>L.Proline plays a crucial role in protecting plants during various environmental stresses. Proline is an excellent anti stress agent and leads to tolerance to a wide range of abiotic stresses. Proline is especially important during osmotic stress (drought, salinity and freezing).</p> <p>Proline leads to:</p> <ul style="list-style-type: none"> - Osmotic adjustment (compatible osmolyte) - Stabilised cellular structures - Prevention of cell damage due to free radicals (radical scavenger) - Provides energy needed for recovery - Efficient Calcium treatment due to the amino acid complexing of the Calcium to improve plant cell strength. 	<p>ONE.A PROLINE is a ready-to-use liquid formulation containing L.Proline and Calcium.</p> <p>ONE.A PROLINE is an original technology using bioactive Proline amino acid. Benefits when using ONE.A PROLINE is the improvement in the harvest quality of fruit and vegetables and mitigating environmental stress on the plant.</p>	<p>When amino acids are not bonded in order to form peptides or proteins, they are "free amino acids".</p> <p>Free amino acids are directly and totally usable by the plant.</p> <p>FREE AMINO ACIDS ARE NATURAL, STABLE AND NEUTRAL SUBSTANCES FOR FOLIAR SPRAYS.</p> <p>Amino acids are easily absorbed by the plants leaves and fruit cells and since amino acids form bonds with Calcium they greatly improve Calcium uptake.</p>

Directions of use

CROP RECOMMENDATIONS	Instructions for use
<p>FOLIAR APPLICATION</p> <p>> FRUIT TREES (Stone and Pip fruit) Rate: 6 L/ha in 400L min of water. Timing: 5-7 applications at 15 day intervals, 1st application from fruit set and up to 3 weeks before harvest.</p> <p>> OTHER CROPS AND VEGETABLES (Outdoor) Rate: 6 L/ha in 400L min of water. Timing: 4 to 6 applications at 10-14 day intervals on well-established crops.</p>	<p>For best results, use sufficient water to achieve an even crop coverage to the point of run-off. Avoid spraying in very strong sunlight and/or very high temperatures. If possible, apply during evening or early morning especially if day-time temperatures exceed 25°C. Very young foliage and crops under stress may be more susceptible to scorch. Lower doses should be applied in these circumstances and the application interval reduced accordingly. Refer to the Crop Recommendations table for application rates and timings for individual crops. Use outdoors only. Fill the spray tank with half the required amount of water and start agitation. Shake container well and add the required amount of our product, then add the rest of the water maintaining agitation continuously. After spraying, clean and rinse the spraying equipment thoroughly.</p>

Precautions

COMPATIBILITY: Always read the product labels and follow the manufacturers' instructions for all products at all times. Some settings, outside the control of the manufacturer or distributor, may have repercussions on the performance of co-applied products. Therefore, the co-application is made at the risk of the end user. When combining with other components in a tank-mix, always add this product last. If there is any doubt at all, consult the manufacturer or distributor concerned.

IMPORTANT : respect the uses, doses, conditions and instructions for use mentioned on the packaging, which are determined according to the characteristics of the product and the applications for which it is recommended. On this basis, conduct the crop and treatments according to the best agricultural practices taking into account, under your responsibility, all the specific factors concerning your farm, such as soil characteristics, weather conditions, cropping methods, cultivars and their specific resistances. AGRONUTRITION guarantees the quality its products only in their initial packaging over the period indicated on the manufacturer's certificates. They guarantee their conformity to the composition indicated on the packaging and to the regulations currently in force. Precautionary measure brochures are available on request. To request a MSDS, thank you to contact : fds-msds@agro-nutrition.fr