

# REFLECT

Agro nutrition

NutriCare  
technologies

**CALCITE ACTIVATED**

**ASSOCIATED WITH NUTRIENT(S)**

Total Nitrogen: 90 g/L  
with Ureic Nitrogen: 90 g/L  
Calcium: 318 g/L  
Silicon (SiO<sub>2</sub>): 57 g/L



## Specifications

**PACK SIZE**  
10 L

**SHELF LIFE OF THE PRODUCT**  
24 months

**FORM**  
Liquid

**STORAGE CONDITIONS**

Store away from frost and keep in original container out of direct sunlight and tightly closed.

**FORMULATION**  
Active Nutrition Complex & Thermoregulator

**APPLICATION**  
Foliar

## Agronomic interests

### ROLE OF ACTIVE INGREDIENT

/ Significant improvement in photosynthetic activity.  
Its application by foliar spray allows improved photosynthetic activity (fixation of Carbon and water efficiency) via a CO<sub>2</sub> effect.

/ Protection of production functions in wind-related stress (drying of leaves), High temperature, water management and water stress due to the maintenance of photosynthetic activity (biomass effect and yield)

### PRODUCT SPECIFICATIONS

REFLECT is a unique & innovative activator used in foliar application, REFLECT is intended TO MAKE PHOTOSYNTHESIS MORE EFFICIENT even under stress

**LIGHT REDISTRIBUTION**  
Reflection of solar radiation thanks to the protecting filter created by REFLECT

**TEMPERATURE DECREASE :**  
In hot weather conditions, the stomata close. Reducing the temperature around leaves maintain stomata open and reactivate photosynthesis

### FEATURES AND BENEFITS OF THE FORMULATION

**THERMO-REGULATOR / ACTIVE COMPLEX**  
1- Formulation with CO<sub>2</sub> effect - CALCITE ACTIVATION Facilitate the dispersion of particles and promote assimilation CO<sub>2</sub> and Ca<sub>2</sub><sup>+</sup>  
2- Ultra fine granulometry: micronisation 100% of the particles are less than 10 microns  
3- Effectiveness of assimilation  
The MICRONIZED SURFACE of the particles allows for easy and quick penetration into the leaf cuticle.  
4- Effective foliar penetration - ANTI-AGGLOMERANT EFFECT OF SILICA - Silica complements the action of adjuvants for a double dispersing action and maintaining the granulometry.  
5- Formulated with seaweed extracts REFLECT reduces plant stress and provides rapid penetration of active ingredients into the leaf.

## Directions of use

### CROP RECOMMENDATIONS

**FOLIAR AND FERTIGATION**  
Maximum concentration: 3%

**FRUIT TREES:** 2-3 applications every 15 days at 2-3L/ha after fruit set through to three weeks prior to harvest.

**GRAPES:** 2-3 applications every 15 days at 2-3L/ha after flowering

#### HORTICULTURE:

/ POTATOES : 2-3 applications every 15 days at 2-3L/ha starting at BBCH42 (20-30% of total final tuber mass reached)

/ LETTUCE: 2-3 applications every 15 days at 2L/ha during vegetative growth

/ TOMATOES : 2-3L/ha after fruit set.

/ MELON: 2-3L/ha from flowering initiation

/ STRAWBERRY : 2-3 applications every 15 days at 2L/ha after fruit set.

**BROADACRE:** 2-3 applications every 15 days at 1-2L/ha from GS15-20 when there is sufficient foliage for plant uptake.

### Instructions for use

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.

## 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 : infoau@desangosse.com**