

# ALCYGOL TOTAL

Agro nutrition

FERTILISER - NPK 9-2-5 FERTILISER SOLUTION WITH MICRO-NUTRIENTS

NutriCare  
technologies

## ASCOPHYLLUM NODOSUM EXTRACTS

### ASSOCIATED WITH NUTRIENT(S)

Nitrogen (N): 90 g/L  
Phosphorus (P): 23.56 g/L  
Potassium (K): 44.86 g/L  
Magnesium (Mg): 1.77 g/L

Boron (B): 500 mg/L  
Copper (Cu): 140 mg/L  
Iron (Fe): 300 mg/L  
Manganese (Mn): 500 mg/L  
Molybdenum (Mo): 50 mg/L  
Zinc (Zn): 400 mg/L



## Specifications

**PACK SIZE**  
10 L

**SHELF LIFE OF THE PRODUCT**  
24 months

**FORM**  
Liquid (SL)

### STORAGE CONDITIONS

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

**FORMULATION**  
Natural seaweed extracts

**APPLICATION**  
Foliar

**DENSITY**  
1.17

## Agronomic interests

### ROLE OF ACTIVE INGREDIENT

Supply combined with Nitrogen, Phosphorus, Potassium and micro nutrients essential to the good progress of the crop. The proportion of each element is specific to the needs of the plant then allowing an improvement of the overall nutritional status of the plant.

The balance in micro-nutrients is close to the one of the sap of the plants. The micronutrients are, for the most part, under a chelated form increasing their level of absorption, of assimilability and their circulation in the plant.

### PRODUCT SPECIFICATIONS

Alcygol Total is an original and unique formulation which combines the natural seaweed attributes with NPK and micronutrients. Alcygol Total improves the nutritional status of the crop. Used in foliar spraying, it activates the metabolism of each vegetal cell. This action on the whole plant improves the photosynthesis and the capacity of taking the mineral elements through the root system.

Alcygol Total is a polyvalent product which is suitable to numerous crops. It is specifically adapted to the nutrition, the stimulation and growth of the vegetative system.

Alcygol Total is a ready for use liquid product with a very «soft» action on the foliage, safe to use and handle.

### FEATURES AND BENEFITS OF THE FORMULATION

**Natural seaweed extracts** improve the assimilation of active ingredients on plant leaf surfaces. They improve wetting, spreading and stick ability of these compounds to ensure improved uptake time and reduced losses due to washing off. Crystallising is also avoided due to reduced water evaporation, resulting in an absorption rate of 80-90%.

## Directions of use

### CROP RECOMMENDATIONS

#### FOLIAR APPLICATION

- > **CEREALS** - Rate: 3 L/ha in 100 L/ha min of water - Timing: from stem elongation to boot stage from last leaf emerging to beginning earing.
- > **RICE** - Rate: 3 L/ha in 100 L/ha min of water - Timing: 2 applications at 15 – 45 – 55 days after sowing on Intensive rice. 200 L water / ha.
- > **LEGUMES, PEAS** - Rate: 3 L/ha in 100 L/ha min of water - Timing: 5-10 cm - start flowering - flat pods.
- > **POTATOES** - Rate: 5 L/ha in 100 L/ha min of water - Timing: 3-4 applications from start of tuber formation then every 14 days.
- > **MAIZE** - Rate: 5 L/ha in 100 L/ha min of water - Timing: 1-2 applications from 4-6 leaves and 10-15 days later if necessary.
- > **OILSEEDS, CORN, RICE, COTTON** - Rate: 3 L/ha in 100 L/ha min of water - Timing: 1-2 applications - in case of stress after emergence, then as required on well-developed foliage.
- > **VEGETABLES** - Rate: 5 L/ha in 100 L/ha min of water - Timing: 3-4 applications, every 10 - 14 days from establishment.
- > **GRAPES** - Rate: 5 L/ha in 100 L/ha min of water - Timing: 2-3 applications from separate bunches, start of flowering and pre bunch closure, then every 10-14 days as required.
- > **TOP FRUIT, CITRUS AND KIWIFRUIT** - Rate: 5 L/ha in 100 L/ha min of water - Timing: 4 applications from petal dropping then every 14 days.
- > **BERRYFRUITS** - Rate: 5 L/ha in 100 L/ha min of water - Timing: 1-2 applications on well-developed foliage.
- > **BANANA TREES** - Rate: 5 L/ha in 100 L/ha min of water - Timing: 3-5 applications, every 2 – 3 weeks from the vegetative start.
- > **PINEAPPLE** - Rate: 5 L/ha in 100 L/ha min of water - Timing: fresh pineapple: 5th - 6th month - preserve pineapple: 8th - 9th month.

### 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 28°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.

## Precautions

### MIXING

1. Fill the spray tank with half the required amount of water and start agitation.
2. Add the required amount of Alcygol Total and then add the rest of the water, maintaining agitation continuously. When combining with other components in a tank-mix, always add Alcygol Total last. Do not allow the mixture to stand without agitation.
3. After spraying, clean and rinse the spraying equipment thoroughly.

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](mailto:infoau@desangosse.com)

