

## MISCELLANEOUS PRODUCTS

# SAND-AID

## ASCOPHYLLUM NODOSUM SEAWEED DEHYDRATE- GRANULAR

### FEATURES

SAND-AID is made with dried seaweed of the coasts of Canada. The production process is studied to preserve all the positive qualities of the living seaweed.

The analysis shows a 50% carbohydrates content and the presence of vitamins, microelements and aminoacids. The product is in homogeneous granules, it is applied to the soil and it is used:

1. to bring organic matter that is fundamental to increase the biological and physical sandy substrate characteristics. SAND-AID is the perfect solution to increase the organic substance without inhibiting the positive yield of the soil. The benefits of SAND-AID are quickly detectable, without the degradation of the percolation or the filtration velocity. It promotes the bacterical microflora and increasing the nitrogen disponibility. The product is beyond compare as a starter for the useful micro-organisms in the system with a high sandy content; that means a higher speed Carbon release, therefore more raw meterial for the growth of plant tissue.

2. to reduce both irrigation and fertilization expences, increasing the absorption of nutrients.

SAND-AID increases the soil humidity and reduces the water loss.

The alginic acid, a carbohydrate which is about 25% of the dry substance of SAND-AID, is an emulsifier.

It absorbes, it keeps and it releases the water gradually, making the water and the nutrients a homogeneous resource for the roots.

3. to increase the fertilization efficiency. SAND-AID contains natural emulsifiers which improve the retention soil capacity. It prevents the washing away of the micro and macroelements, particularly in the sandy soils. It also has a higher cationic exchange capacity than some other organic fertilizers, thus it increases the absorption.

4 to improve the resistance to damage caused by dryness, low temperatures and frost.

The more is intense the stress, the more it is easier to recognise the treated and untreated areas.

SAND-AID also has some unique characteristics:

- 100% bio-active ingredients, that means the product does not contain useless "filling" and the consumer buy a pure product;
- C/N relation 20.8: it is an optimal value for the organic matter;
- homogeneous granulometry: to optimize the distribution and the mixing;
- it does not stratify and does not create dry areas;
- it is safe, natural, not toxic, reliable and constant during the use.

SAND-AID is a flexible and effective granular nutrient.

## DOSES AND USE PATTERNS

SAND-AID can be used in all the crops and mixed with the most of fertilizers, to treat in seedbed, litter for transplant and potting. The doses below are approximate and may vary depending on climate, soil type and fertility.

Extensive farming: 250-450 kg per hectare

Row crops: 1,5 kg per 50 meters

Horticulture and floriculture: 1,5 kg per 10 m<sup>2</sup>

Woody plants and orchards: 200 grams per every cm of the trunk diameter

Lawn: 5 Kg per 100 m<sup>2</sup>

Sports field: 5-7,5 kg per 100 m<sup>2</sup> in autumn and spring, for 14 kg of product every season

Seedbed: 500 grams per 10 m<sup>2</sup>

Litter plants: 20-25 grams per 1000 cm<sup>2</sup>

Pot mixture: 2-3% of the total volume of the mixture

Fertilizer mixtures: 5-10% of the total volume of the mixture

Compost: 6 kg per m<sup>3</sup>

PACKING: 25 KG BAGS, 5 KG BUCKETS.