

ACIDI UMICI PLUS

PRODUCT WITH SPECIFIC ACTIVATING EFFECT
ACTIVATOR
HUMIC EXTRACTS FROM LEONARDITE BY KOH



ALLOWED IN
ORGANIC
FARMING

ACIDI UMICI PLUS is a liquid compound with a very high concentration of humic acid extracted from Canadian Leonardite. It is known that humic extracts are the components of the humified organic matter that strongly contributes to the fertility of the soil, improving its chemical and physical structure, making soft clay soils and stronger sandy ones. The functions of the humic extracts occur both at soil level either directly on the plant. In fact, they process the mineralization and prevent build-up of salinity; they favour the assimilation of all nutrients, the development of the roots, seed germination, growth of the stems, buds and leaves. **ACIDI UMICI PLUS** also exerts protective function of the bacterial flora of soil and plants against excessive accumulation of pesticides. The humic and fulvic acids contained in humic extracts are complex molecules that are formed through the processes of degradation of organic matter in the soil. Humic acids are composed of macro molecules of high molecular weight with great ability to restructure the soils and maintain their exchange capacity; fulvic acids are made up of smaller molecules with the ability to make more available the nutrients. **ACIDI UMICI PLUS** grants a richest harvest and a better quality, a longest shelf life of the fruit, a greater robustness of the plants. **ACIDI UMICI PLUS** is recommended for all crops: fruit trees, horti crops, field crops, flowers and in particular when you want to get optimal stimulation of foliage and a vigorous increase of plant root development.

COMPOSITION (w/w)

| | | |
|--|---|------|
| Organic matter as it is | % | 16.0 |
| Organic matter on dry weight | % | 88.0 |
| Humified organic matter in % on total organic matter | % | 95.0 |
| Organic nitrogen (N) on dry weight | % | 1.0 |
| C/N Ratio | | 44 |
| Extraction method KOH (Potassium Hydroxide) | | |

CHEMICAL AND PHYSICAL PROPERTIES

| | | | |
|-------------|--------|------------------------------------|-----------|
| FORMULATION | liquid | DENSITY (g/cm ³) 20° C | 1.10 |
| COLOUR | black | pH (solution at 1% w/w) | 9.5 ± 0.5 |

DOSAGE AND DIRECTIONS OF USE

| | Crop | Applications | Dosage by application |
|--------------------|---------------------|--------------------------------|-----------------------|
| FOLIAR APPLICATION | All crops | 3-4 times during growing cycle | 100-150 ml/hl |
| | Fruit trees, kiwi | 2-4 times during growing cycle | 30-60 l/ha |
| SOIL APPLICATION | Horti crops | 2-4 times during growing cycle | 30-60 l/ha |
| | Citrus fruits | 2-4 times during growing cycle | 30-60 l/ha |
| | Grape | 2-4 times during growing cycle | 30-60 l/ha |
| | Strawberry | 2-3 times during growing cycle | 40-60 l/ha |
| | Flowers-Ornamentals | 1-2 times during growing cycle | 40-60 l/ha |

HOW TO USE

ACIDI UMICI PLUS is successfully used on all types of extensive and intensive crops. In particular, significant responses are observed in horticultural crops, orchards, vineyards, strawberries and ornamental crops.

PACKING

| | | | | | |
|--------|---------------|------------|----------------|------------|------------------|
| Bottle | 1 l = 1.10 kg | Tank | 20 l = 22 kg | Tank (IBC) | 1000 l = 1100 kg |
| Tank | 5 l = 5.50 kg | Tank (IBC) | 640 l = 704 kg | | |

