

NANO.T® Chitosano cloridrato

Activator of self-defense mechanisms



NANO.T® Chitosano cloridrato represents the technological evolution of standard chitosan, a natural polymer derived from chitin. Thanks to its reduction to nanometric scale, its biological and mechanical properties are significantly enhanced.

NANO.T® Chitosano cloridrato is a product with natural elicitor action that increases plant resistance to environmental stress. NANO.T® Chitosano cloridrato also helps plants in case of drought, "helping" them to optimise pore closure during hot hours, reducing water loss.

NANO.T® Chitosano cloridrato applied in the pre-harvest phase creates an invisible film that acts as a barrier for the fruit.

Benefits

- Elicitor of the plant's self-defense mechanisms against **FUNGI AND BACTERIA**;
- High surface area/volume ratio: greater chemical reactivity and greater ability to penetrate the leaf cuticle, faster and more immediate effect;
- Plants more resistant to environmental stress;
- Healthier fruit before harvesting;
- More productive plants, especially in cases of drought and/or water scarcity.

NANO.T

TYPE
Liquid



PACKAGING



COMPOSITION

Chitosan hydrochloride 3%

Purity: European Pharmacopoeia

Heavy metals < 40 ppm

DENSITY

1,08 +/- 0,05 kg/dm³

Color and density are indicative.

DOSAGES AND USES

| CROPS | DOSAGES (L) IN 100 LITERS OF WATER | DOSAGES (L/HA) (MIN/MAX) | N° OF APPLICATIONS (MIN/MAX) | PERIOD | MINIMUM INTERVAL BETWEEN THE APPLICATIONS |
|---|------------------------------------|--------------------------|------------------------------|--|---|
| Table and grapevine | 1,5 - 3,3 | 2 - 6 | 4 - 8 | From budding to bunch closure | 2 weeks |
| Vegetables (open field and greenhouse) and leafy vegetables | 1,5 - 3,3 | 2 - 6 | 4 - 8 | From vegetative growth to fruit swelling | 2 weeks |
| Fruit TREES (pome fruits, stone fruits, kiwi, olives, etc.) | 1,5 - 3,5 | 2 - 5 | 4 - 8 | From vegetative recovery to fruit swelling | 2 weeks |
| Strawberries and berries (raspberries, blackberries, berries, etc.) | 1,5 - 4 | 3 - 8 | 4 - 8 | From vegetative growth to post-fruit set | 2 weeks |
| Extensive crops (tobacco, chard, beets, sunflowers, etc.) | 1,5 - 4 | 3 - 8 | 1 - 8 | Vegetative growth | 5-7 days |