

N-TECH 45

Advanced Nano
Nitrogen Technology



COMPOSITION

%w/v

Total Nitrogen (N)	45,00
Zinc EDTA	01,00
Manganese EDTA	00,80
Molybdenum	00,05
Nickel	00,02



CHARACTERISTICS

N-TECH 45 is a formulated nutritional product and not just a simple mixture of raw materials, as are most of NPK fertilizers in powder form.

N-TECH 45 has an uniform and simultaneous solubility of all the nutrients, during use, while avoiding sedimentation in the storage containers of the nutrient solution. In contrast, common NPK water soluble powder fertilizers, which are produced through a mixture of raw materials, have increase variability in grain size that results in a non-uniform dilution of nutrients, since the smallest grains are dissolved firstly.

The conductivity and the salinity index are maintained in very low levels so that the soil will not be burdened with undesirable, salt concentration.

Application is suitable for different crops: fruit trees, coffee, olive trees, vegetable crops, industrial crops, meadows, etc. It can be used in drip irrigation, foliar application and flood irrigation.

- 1 Alternative to Urea
- 2 Gel Formulation with Laminar Effect
- 3 Gel for Enhanced Foliar Contact
- 4 Reduces Soil Salinity

EFFECTS



Neutral pH, unlike most liquid foliar that are highly acidic or highly alkaline. N-45 NANO COMPLEX can be used at higher doses, not being aggressive with the cells that form stomas.



More comfortable for the farmer to dosing per volume instead of on weight.



Best solution in terms of speed and ease to use. Allow higher liquid dispersion homogeneity than solid products.



Guarantee solubility by its GEL formulation



Adjuvant: promotes effectiveness of plant protection products when applied jointly.

APPLICATION

CROP	L/Ha	ml/100L	APPLICATION DETAILS
RICE	2 - 5	200-300	Rooting to tillering stage. Spray 2-3 times per cropping.
CORN	4 - 5	100 - 300	1 week after germination. Spray 3-4 times per cropping.
COTTON	—	200 - 300	2-3 applications (from 4th leave to the harvest).
CITRUS	4 - 5	200 - 300	3-4 applications (sprouting, preflowering, setting and fattening).
FRUITS AND WINE	3 - 5	200 - 300	2-4 applications (from sprouting until bud differentiation).
CEREALS	4 - 5	100 - 300	1-2 applications.
VEGETABLES	4 - 6	200 - 300	3-4 applications, each 10-14 days.

CROP	L/Ha	ml/100L	APPLICATION DETAILS
SUGAR BEET	4 - 6	200 - 300	2-3 applications.
OLIVE TREE	5 - 10	300 - 400	3 applications (beginning of sprouting, stone hardening, fattening)
POTATOES	5 - 10	300 - 400	1-2 applications at the beginning of the crop.
MANGO	3 - 5	200 - 300	Apply during growing stage and off-season period.
ONIONS/ GARLIC	4 - 6	100 - 200	7 to 10 days after transplanting to bulb formation. Spray 3-4 times per cropping.
PLANTATION CROPS (BANANA, PINEAPPLE)	3 - 5	200 - 300	Vegetative stage to pre-flowering stage.

