HUMOFERT
Nutritional Products for Qualitative Crops

- Specification Sheet -

NBA

NBA is a condensed liquid Nitrogen-Boron fertilizer. The 85% of the contained nitrogen is slow release derived from poly-methylene urea, while Boron comes from borate of high Boron content. Furthermore, **NBA** contains 14% seaweed extract which stimulates plant growth and increases the plants' ability to assimilate nitrogen and boron resulting in a much greater efficiency of the product.

PROPERTIES AND USES:

- ✓ It remains on the leaves or in the soil for a longer period of time and releases nitrogen gradually so that it can be fully absorbed by the plants.
- ✓ Due to its sticking properties, **NBA** holds Boron and the nutrients of the seaweed on the leaves or near the roots, resulting in their increased assimilation by the plant.
- ✓ It provides settled growth in any crop while in parallel accelerates the cell processes achieving an increased fruit setting.
- ✓ It assists in the protein synthesis which has a significant effect on the production of plant hormones.
- ✓ It has a very low salt index and does not cause phytotoxicity.
- ✓ It is a source of energy for the beneficial soil microorganisms.
- ✓ It does not leach or vaporize.
- ✓ It does not contaminate the environment since it does not contain nitrates.
- ✓ It is does not crystallize on the leaf and does not create sediment in the tank.
- ✓ It can be used as a sticking or wetting agent.

APPLICATION:

NBA when applied foliarly, is applied generally 3-4 times during the growing season (in most crops it is applied at the growth stage, at blooming and at fruit setting). In the case of soil application, it is applied every 15-30 days during the growing season according to the needs of each crop

Application Rate: Generally it is applied at the following application rate.

Foliar application: 2.5-12 l/ha

Soil application: 25-45 l/ha.

STANDARD ANALYSIS	(w/w)	(w/v)
Total Nitrogen (N)	18.6 %	22.70 %
Polymethylene Nitrogen	15.3 %	18.67 %
Urea Nitrogen	2.70 %	3.29 %
Boron	1.90 %	2.32 %

PHYSICAL PROPERTIES:

Appearance:	Brown dark fluid
Density:	1.22 g/ml
Solubility:	100% water soluble
pH:	8.4-9.0