

### COMPOSITION:

Total nitrogen (N)	8.5%
Water-soluble organic nitrogen (N)	8%
Nitrogen (N) $\alpha$ -amino	0.5%
Organic carbon (C) of biological origin	26%
Dry matter	66.6%
Free amino acids	15%
Molecular weight in Dalton	800-1000
C/N ratio	3.27

#### Amino acid profile (g/100g)

Alanine 5.2; Arginine 0.5; Aspartic acid 1.6; Glutamic acid 5.0; Glycine 10; Hydroxylysine 2.1; Hydroxyproline 3.3; Histidine 0.4; Isoleucine 0.9; Leucine 1.8; Lysine 1.7; Methionine 0.7; Omitina 2.5; Phenylalanine 1.2; Proline 6.3; Serine 0.3; Threonine 0.5; Tyrosine 1.2; Valine 1.6; **Total amino acids w/w: 50%**

### TECHNICAL FEATURES:

HPF is a liquid organic nitrogen fertilizer derived from hydrolyzed animal epithelium. The rich and complete amino acid complex, in addition to protein formation, promotes active plant metabolism during critical periods (transplanting, flowering, fruit set, vegetative recovery, frost, and drought).

HPF improves the quality (increasing the sugar content of the fruit) and shelf life of crops. HPF's low molecular weight facilitates and accelerates the absorption of all nutrients and the differentiation of the flower buds. HPF also stimulates photosynthetic activity and enhances the effect of hormones, fungicides, acaricides, insecticides, herbicides, and foliar fertilizers.

### PHYSICAL CHARACTERISTICS:

Specific gravity: 1.28

pH of 1% solution: 6.7

Conductivity at 1% (mS/cm): 0.62

### METHOD AND DOSAGE OF USE:

#### FOLIAR APPLICATION

Fruit trees, Vines, Citrus Fruits, Kiwis, Olives:	2-3 lt/ha every 8-10 days
Vegetables, open field flowers:	200-300 cc/hl per intervention
Industrial Crops, Potatoes, Beets, Cereals:	3-5 lt/ha per intervention

#### RADICAL APPLICATION

Fruit trees, vines, citrus fruits, kiwis, olives:	5-10 lt/ha per intervention
Ornamental, Floricultural:	1-1.5 Kg/1000m <sup>2</sup>
Post-transplant vegetables:	1-2 kg/1000m <sup>2</sup>