

NATURAL FORCE™

VEGETABLE AMINOACIDS

Organic nitrogen fertilizer fluid
Fluid Vinasse of fruit and cereals
ALLOWED IN ORGANIC FARMING
N. Reg. Mipaaf 0012866/15



Composition

Total Nitrogen	3,2% of which
Organic Nitrogen (N)	3,2%
Phosphoric Anhydride (P ₂ O ₅) water sol.	3,9%
Potassium Oxide (K ₂ O) water sol.	3,2%
Magnesium (MgO) water soluble	1,15%
Organic Carbon (C) water soluble	>10%

Characteristics

Aspect	Liquid dense dark brown
Density at 20 °C	1,24-1,25 kg/lit round
pH (20 °C)	3,5 – 4,5

NATURAL FORCE is a liquid fertilizer containing high free amino acids (31%), low peptone weight, vitamins, macro- and microelements from plant protein origin. Thanks to such chemical composition **NATURAL FORCE** allows energy expenditure on physiological processes, increase resistance to stress and increase fruit quality or to overcoming stress conditions.

• Rate and method of application - FOLIAR APPLICATION

Crop	Rate g/hl	Timing
Citrus fruits, Pome fruits, Stone fruits, Kiwi, Grape, Olive tree	500	4 treatments from pre-flowering to fruit enlargement
Vegetable and Floricultural crop in open field	300-350	3 treatments from pre-flowering to fruit enlargement
Vegetable and Floricultural crop in green house	350	3 treatments from pre-flowering to fruit enlargement
Leafy vegetable	400	3 Treatment during the cycle
Cereals	350	2 treatment during the cycle

The values quoted are based on spraying carried out with equipment at normal volume

• Rate and method of application - DRIP IRRIGATION

Crop	Rate Kg/ha	Timing
Citrus fruits, Pome fruits, Stone fruits, Kiwi, Grape, Olive tree	30-60	From pre-flowering to harvest
Vegetable crop in open field	40-80	From pre-flowering to harvest
Vegetable crop in green house	30-50	From pre-flowering to harvest
Ornamental crop	50-70	From pre-flowering to harvest

Recommendations and compatibility: The product is compatible with most fluids mineral fertilizers and organic fertilizer, but for compatibility it is recommended to make preliminary tests. When you make 3 kg/ha Natural Force blends with copper products like: Plant Protection Products or Fertilizers, reduce the copper products dosage by 30-40% from the minimum recommended label dose.

Don't mix Natural Force with Mineral oils. Store the product in containers or plastic tanks (eg. Polyethylene or Polypropylene). The environment must be sufficiently cool and shady. Avoid prolonged exposure to high temperatures (30-35°C) for to prevent fermentation processes.

Natural Force proteins and amino acids	%
Protein	20
Free amino acids	31
Glutamine	1,66
Histidine	0,96
Arginine	1,52
glycine	2,98
asparagine	0,14
Serine	2,19
Alanine	5,26
Lysine	2,14
Ac.Ascpartico	3,8
Ac. Glutamic	11,29
Cysteine	0,04
Proline	4,23
Threonine	2,24
Valine	2,29
methionine	0,9
leucine + isoleucine	2,27
Tyrosine	1,71
Phenylalanine	1,42
Tryptophan	0,34

Packaging

Tanks	6 kg
Tanks	30 kg
Tank	1100 kg

NATURAL FORCE



PRODUCT FOR
ORGANIC FARMING

EURO TSA s.r.l.
TECHNOLOGY SERVING AGRICULTURE

