

# aminOpf

“Liquid plant based Fertilizer”

The organic base of aminOpf\* consists of plant based raw materials with high levels of natural sugars. Specific fermentation processes upgrade the organic materials to an excellent fertilizer. Natural vegetable raw materials have low amounts of salt, reducing the risk of root- and leaf burn damage. The high content of trace elements and sugars supports a healthy soil life and provides healthy and stable plant growth. The amino acids in aminOpf\* originate from plants and are therefore easy to absorb, even at low temperatures. The balance between slow and quick released nitrogen elements ensures an effect of up to 3 weeks. aminOpf\* is a natural product and contains no preservatives.

## PRODUCT BENEFITS

- 100% plant based
- Ensures stable plant growth
- Supports healthy soil life
- Efficient use of minerals
- Easily absorbed amino acids
- Increases abiotic stress tolerance
- Also effective at low temperatures
- Contributes to climate-proof crops

## USE IN COMBINATION WITH OTHER PRODUCTS

aminOpf\* may be used in combination with all other fertilizers, bacterial products, mycorrhiza products and plant enhancers. Application of Fulvic-25 strengthens the effect of aminOpf\*.

## Packaging, transport & storage

aminOpf\* is supplied in bottle of 500 ml and 1L litre. Must be stored closed, dry, in a frost-free place, away from direct sunlight. Large or sudden temperature changes may cause crystals. aminOpf\* is free of preservatives and therefore long-term storage might not be stable. Shake, stir or aerate the product before use in order to restore the original structure.

## Health and safety information

Not intended for ingestion. Wash hands after handling the product. While handling the product, wear protective clothing. In case of accidents or feeling ill, seek medical assistance (if possible, show this label). KEEP OUT OF REACH OF CHILDREN.

## Product licences

OPF 7:2:3 is approved for use in organic agriculture in accordance with EU regulation 834/2007. Check for actual listings: [www.inputs.bio](http://www.inputs.bio), SKAL, FIBL, InfoXGen or Soil Association.

\* Greenbay sales OPF 7:2:3 (product of PHC BV, Netherland) as aminOpf in India.



Soil improvement



Optimizing rhizosphere



Natural fertilization



Defence straitening



Water management

**INGREDIENTS**

Potato extract	20%
Sugar beet extract	80%

**DOSAGE**

	Foliar fertilization	Irrigation / fertigation
Arable farming	5-10 l/ha, biweekly	
Tree nursery	5-10 l/ha, every 2 - 3 weeks	10 - 50 l/ha, biweekly
Fruit crops	3-5 l/ha, weekly	5 %, as needed
Greenhouse crops	1 ml/m <sup>2</sup> , weekly	1 ml/m <sup>2</sup>
Horticulture	5-10 l/ha	25-50 l/ha, biweekly

**ADDITIONAL INFORMATION**

Minimum dilution with water 1:20, 600-1000 l/ha. Different doses may apply for the recovery of fields in poor (bio) condition. Spray diluted or mixed product within 4-6 hours. The raw materials are extracted from conventional sugar beet and potatoes. Therefore aminOpf\* contains all known and unknown compounds that can be found in plants. As with all organically sourced materials, the analysis may vary as much as 15%. Consult your crop advisor for tailor-made advice.

GUARANTEED ANALYSIS	Elements	Value	Amino acids	r.a <sup>1</sup> g/kg	Total g/kg
	N-total	6.8-7.3%		Alanine	15.4
NO <sub>3</sub> -N	< 0.1%		Arginine	1	1.5
NH <sub>4</sub>	0.8 - 1.0 %		Asparagic acid	22.9	31.4
Cl	0.41%		Cysteine	0.5	0.9
P <sub>2</sub> O <sub>5</sub>	2.5 - 2.8 %		Glutamic acid	50	96.3
K <sub>2</sub> O	2.2 - 2.5 %		Glycine	0.7	2.5
B	18 mg/kg		Histidine	0.5	0.5
CaO	0.20%		iso-Leucine	1.1	1.1
Cu	10 mg/kg		Leucine	0.5	1.3
Fe	83 mg/kg		Lysine	0.7	1.7
MgO	0.20%		Methionine	0.5	0.5
MO	< 5 mg/kg		Phenylalanine	0.5	0.9
Mn	19 mg/kg		Proline	29.7	31.1
Zn	38 mg/kg		Serine	0.9	2
Na <sub>2</sub> O	1.20%		Taurine	0.7	0.7
S	1.70%		Threonine	0.5	1
SO <sub>3</sub>	4.30%		Tyrosine	0.5	0.7
			Valine	1.1	1.1

<sup>1</sup>readily absorbed by plants

PROPERTIES	Total dry matter (of total weight)	59%	Amino acids	19 - 21 %
	Ash	8.10%		PH
Organic matter (OS)	50.9%		Density	1.3 (1 kg = 1.3)

**PACKAGING:** aminOpf\* is available in 500 ml and 1 litre Bottle.

**GUARANTEE**

Greenbay sales OPF 7:2:3 (product of PHC BV, Netherland) as aminOpf in India. Carefully follow the instructions on the packaging. We do not guarantee the product's suitability for applications other than that originally intended. GREENBAY is only obliged to replace any products that do not meet the specifications. Suggestions for use and information on results of the product's use obtained by the producer may be considered reliable. As Plant Health Cure cannot control the conditions of the product's use, the buyer/user is responsible for all results, including any injuries or damage resulting from the use of this product by itself or in combination with other products. Keep out of reach of children.

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