



FONTANA Premium U 4-2-4

Product Sheet

Product description

- Organic liquid fertilizer; NPK 4-2-4 (w/w) - NPK 5-2-5 (w/v) (PFC1(A)(II))
- Product is made of 100% vegetable raw materials (enzymatically hydrolysed) and is vinasse-free
- Free from pathogens and weed seeds
- 100% water soluble
- Allowed to be used in organic agriculture (EU 2021/1165 and EU 2018/848)



Advantages

- Universal formula for different crops
- Complete organic nutrient supply
- Contains organic matter and amino acids

Average composition

	% on total product
Dry matter	47
Organic matter (loss on ignition at 550 °C)	25
pH	6.0

Main Elements	% on total product
Nitrogen (N) total	4.0
- Nitrogen (N) organic	3.7
- Nitrogen (N) ammonium	0.3
Phosphate (P ₂ O ₅) total	1.6
Potassium (K ₂ O) total	4.1
Magnesium (MgO) total	0.2
Sulphur (SO ₃) total	1.2
Calcium (CaO) total	0.2

Physical data

Appearance	Liquid
Bulk density	1.2 (kg/l)

Due to the natural origin of the raw materials of this fertilizer analysis may vary.

Dosage recommendations

Concentration	
Foliar fertilization (%)	0.3-2.0
Fertigation (‰)	0.8-2
Dosage (l/ha)	10-15
Applications	
Vegetables	2-5
Herbs	1-2 (max concentration 0.3% foliar or 1.0‰ fertigation)
Fruits	2-3 (foliar appl. on sufficient foliage - first appl. before flowering)
Viticulture	4-7
Floriculture	3-5
Tree nurseries	3-5

The dosage recommendations are based on the average crop need per cultivation. The exact dosage depends on the specific crop, crop stage, expected yield, climate conditions, soil type and the nutrient and organic matter content of the soil. For tailor-made advice, please contact MeMon or the local consultant.

General application advice

- Can be applied to the root zone of plants and/or sprayed directly onto leaf surfaces
- Can be applied by drip irrigation if the pipes are cleaned thoroughly with water afterwards
- Shake or stir well before use and apply immediately
- Pour through a sieve into the tank (sieve same size as nozzle size)
- Can be applied together with pesticides thanks to carrier effect of product
- When mixing with pesticides, test for compatibility first (particularly with pesticides containing high amounts of copper and sulphur)
- Do not mix with seaweeds and boron containing products in order to avoid gel forming
- FONTANA may have an effect on the flower colour

Storage conditions

- Store under stable temperatures in a frost free and dark environment
- After opening the packaging, the liquid fertilizer has a limited shelf life
- For closed packages, the shelf life is 2 years

Safety and environment

- Not intended for ingestion. Wash hands after use. Don't breath in dust
- In case of an accident or if you feel unwell, seek medical advice
- Keep away from children and pets