NITRO WOOL

concime azotato
100% lana di pecora

Technical data sheet

Organic nitrogen fertilizer based on raw sheep's wool

Product Name

Product Photo

NITRO WOOL



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1. Product description

Organic nitrogen fertilizer
made from sheep's wool waste,
rich in nitrogen and carbon, ideal for improving soil fertility and promoting plant growth.
Permitted in organic farming pursuant to Regulation (EU) 2018/048.

2. Composition

- Organic Nitrogen (N): 10%
- Organic Carbon (C) from Biological Origin: 40%
- Hygroscopic Power: 350%
- Origin: 100% raw sheep's wool

3. Characteristics

- Fertilizer Type: Organic
- Form: Pelleted
- Color: Brown (varies depending on treatment)
- Odor: Characteristic of wool

4. Benefits

- Improves soil fertility and structure.
- Increases water retention capacity and reduces drought stress.
- Prevents soil acidification.
- Provides nutrients gradually, continuously, and sustainably.
- Promotes soil microbial life.
- Increases organic matter.
- Physical repellent effect against slugs and snails.

4.1 Contribution against desertification

- Improves the resilience of arid and sandy soils.
- Reduces erosion and runoff.
- Promotes vegetation establishment.
- Helps restore fertility to degraded soils.

5. Instructions for use

- For vegetables and gardens → 50-150 g/m²
- For grasses and legumes → 70-100 g/m²
- Fruit trees → 100-150 g/plant
- Pots → 5-10% mixed with the substrate
- Application: Integrate into the soil before sowing or when plants start growing again.

5.1 Duration of the action

5-6 months

6. Conservation

- Store in a cool, dry place.
- Keep away from moisture and direct light.
- Do not store in mixture or in close contact with highly soluble mineral fertilizers (for ex. urea, nitrates, ammonium sulfate).

7. Warnings

- Do not exceed the recommended dose to avoid overheating the soil.
- Wear gloves during application to avoid irritation.
- Keep out of reach of children.

8. Conclusion

This natural organic fertilizer with high agronomic value, made from sheep's wool waste, represents a sustainable solution for modern, efficient, and resilient agriculture.

Thanks to its high organic nitrogen content, its richness in carbon, and its extraordinary water-retention capacity, the product improves soil fertility, supports crop productivity, and contributes to the regeneration of degraded land.

Ideal for organic farming, regenerative practices, and cropping in areas subject to water stress: it combines nutrition, protection, and sustainability in a single natural solution.

Suitable for greener agriculture programs and for interventions to combat desertification.

A reliable solution for more sustainable agricultural, agri-environmental, and fertilization projects in Europe and in arid and semi-arid areas of the Middle East and North Africa.