



Fertilizer Pellets

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Certified Product
Scheme

SAFETY DATA SHEET (SDS) & TECHNICAL DATA SHEET (TDS)

Raw Sheep Wool Pellets – Organic Fertiliser & Soil Improver

Manufacturer: Sneem Organic Wools Ltd, North Square, Sneem, Co. Kerry, Ireland

Product type: Organic fertiliser (animal by-product, Category 3)

Shelf life: 4 years from date of manufacture

Document version: v1.9

SECTION 1: Identification of the substance/mixture and of the company

Product name: Raw Sheep Wool Pellets – Organic Fertiliser
Use: Organic fertiliser and soil improver (professional and non-professional use)
Manufacturer: Sneem Organic Wools Ltd
Address: North Square, Sneem, Co. Kerry, Ireland
Phone: +353 (87) 060 9241 / +353 (86) 221 3772
Email: sneemorganicwools@gmail.com

SECTION 2: Hazards identification

This product is not classified as hazardous according to Regulation (EC) No 1272/2008 (CLP). No specific hazards identified when used as intended.

SECTION 3: Composition / information on ingredients

100% sheep wool (animal by-product, Category 3) in accordance with EC Regulation 1069/2009. Heat treated during pelletisation.

SECTION 4: First aid measures

Inhalation: Not applicable under normal use.
Skin contact: Wash with water if irritation occurs.
Eye contact: Rinse with clean water if required.
Ingestion: Not intended for ingestion; seek medical advice if swallowed.

SECTION 5: Firefighting measures

Suitable extinguishing media: Water, foam, CO₂. No special measures required.

SECTION 6: Accidental release measures

Collect mechanically and reuse where possible. Dispose of residues via composting or land application.

SECTION 7: Handling and storage

Handle with standard hygiene practices. Store in a dry, cool, ventilated area away from moisture.

SECTION 8: Exposure controls / personal protection

No special personal protective equipment required under normal conditions.

SECTION 9: Physical and chemical properties

Appearance: Brown/grey pellets
Odour: Natural wool odour
Solubility: Insoluble in water
Bulk density: Approx. 500–600 kg/m³

SECTION 10: Stability and reactivity

Stable under normal storage and use conditions.

SECTION 11: Toxicological information

No known toxic effects. Product is non-toxic.

SECTION 12: Ecological information

Biodegradable. Improves soil organic matter and soil life. No adverse environmental effects when used correctly.

SECTION 13: Disposal considerations

Dispose of product residues via composting or land application in accordance with local regulations.

SECTION 14: Transport information

Not classified as dangerous goods for transport.

SECTION 15: Regulatory information

Permitted for use in organic farming in accordance with Irish Organic Association standards and EU Organic Regulation (EU) 2018/848.

SECTION 16: Other information

The information provided is based on current knowledge and is intended for guidance only.

TECHNICAL DATA SHEET (TDS)

Product description

Raw sheep wool pellets are a 100% natural organic fertiliser made from Irish sheep wool. They supply slow-release, organically bound nitrogen and improve soil structure and moisture retention.

Nutrient content (typical)

Nitrogen (N): 12.8% (organically bound, slow-release)

Phosphorus (P): 0.003%

Potassium (K): 3.86%

Organic matter: approx. 80%

Grassland use – organic systems (Teagasc-aligned)

Use of sheep wool pellets aligns with Teagasc organic grassland principles, emphasising soil fertility, clover contribution and slow-release organic nutrients. Typical nitrogen supply targets range from 50–100 kg N/ha/year and must be justified by soil analysis and nutrient management planning.

Grassland type	Typical N target (kg N/ha)	Product rate (kg/ha)	Notes
Low-input grazing	50–70	390–550	Maintenance, clover-rich swards
Productive grazing	70–90	550–700	Moderate stocking rates
Silage / high demand	Up to 100	≈780	Subject to soil analysis & nutrient plan

Application guidance

Apply once per season using a pendulum or disc spreader on a coarse setting. Best applied in early spring, after grazing/cutting, or in late summer/autumn.

Important notes

This product is not a balanced fertiliser and is primarily a nitrogen source. Use in accordance with organic nutrient management planning.