An innovative industrial **PROCESS**

A innovative industrial process allowing an intimate mix of raw materials and an improvement of the nitrogen nutrition efficiency.

### Product ANALYSIS

#### Nutrigrass
- Sulphate of ammonia containing sodium and sulphur N fertiliser (S) (Na) (Mg) / 20-0-0 (8.4-5.9-1.8)
- **20%** NITROGEN (N) total with 7% ammoniacal nitrogen and 13% urea nitrogen
- **8.4%** SULPHUR (S) soluble in water
- **5.9%** SODIUM (Na) soluble in water
- **1.8%** MAGNESIUM (Mg) soluble in water

#### Sodigrass
- NK fertiliser (S) (Na) (Mg) / 20-0-4.2 (7.6-5.9-1.2)
- **20%** NITROGEN (N) total with 7% ammoniacal nitrogen and 13% urea nitrogen
- **4.2%** POTASSIUM (K) soluble in water
- **7.6%** SULPHUR (S) soluble in water
- **5.9%** SODIUM (Na) soluble in water
- **1.2%** MAGNESIUM (Mg) soluble in water

#### Maxigraze
- NPK fertiliser composed of soft ground phosphate (S) (Na) (Mg) / 6-4.4-5.8 (4.8-5.2-1.8)
- **6%** NITROGEN (N) total with 4% ammoniacal nitrogen and 2% urea nitrogen
- **4.4%** PHOSPHORUS (P) soluble in mineral acids with 3.3% phosphorus (P) soluble in 2% formic acid
- **5.8%** POTASSIUM (K) soluble in water
- **4.8%** SULPHUR (S) soluble in water
- **5.2%** SODIUM (Na) soluble in water
- **1.8%** MAGNESIUM (Mg) soluble in water

#### Optigrass
- NPK fertiliser composed of soft ground phosphate (S) (Na) (Mg) / 13-2.2-4.2 (6-4.5-1.2)
- **13%** NITROGEN (N) total with 5% ammoniacal nitrogen and 8% urea nitrogen
- **2.2%** PHOSPHORUS (P) soluble in mineral acids with 1.6% phosphorus (P) soluble in 2% formic acid
- **4.2%** POTASSIUM (K) soluble in water
- **6%** SULPHUR (S) soluble in water
- **4.5%** SODIUM (Na) soluble in water
- **1.2%** MAGNESIUM (Mg) soluble in water

All products contain Soil Conditioner Base.

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**N-PROCESS**: environment, yield and quality for forage

**N-PROCESS**: Environment

Protecting Nitrogen, N-PROCESS limits leaching and volatilisation losses

- **Measure of Nitrate leaching**

![Graph showing nitrate leaching over 5 days of cumulative rainfall](image)

- **Ammoniacal nitrogen Volatilisation**

![Graph showing ammoniacal nitrogen volatilisation over 14 days](image)

**N-PROCESS**: a preserved and stimulated soil

95% of soil nitrogen is organic

N-PROCESS protects and stimulates soil biological activity, improving nitrogen mineralisation

![Graph showing mineralised nitrogen over 10 days](image)

Contains Calcium from calcified seaweed for better use of soil and fertiliser Nitrogen

Increased yield
Improved quality
Ensured profitability

**N-PROCESS**: yield and quality

Improving nitrogen efficiency, N-PROCESS increases crop productivity

- **Optimal root use of P and K**

![Graph showing mineral absorption of P and K over 115 days](image)

- **Improve Nitrogen Efficiency**

Increasing productivity and quality of forages

N-Process promotes protein and forage autonomy of livestock farms

![Graph showing protein and DM intake over 150 days](image)

**N-PROCESS**: Forage palatability

Contains Calcium from calcified seaweed for better use of soil and fertiliser Nitrogen

Increased yield
Improved quality
Ensured profitability

Thanks to its sodium content N-PROCESS:

- improves the grass palatability for a higher DM intake and less rejection
- maintains an appropriate ratio between potassium and sodium for your forage quality

![Graph showing measurement of refusal over 150 days](image)