



UreaPro

Organ-mineral fertilizers NP (Ca)

Conventional

| | | | |
|----|---|---|----|
| N | P | K | Ca |
| 25 | 5 | 0 | 8 |

| | |
|----|------|
| C | U.F. |
| 18 | 56 |

CONTAINS SELECTED TECTOSILICATES. SLOW RELEASE, IT DOESN'T CAUSE BURNS.

UreaPro: it's a revolutionary fertilizer which aims at the reduction in air and soil pollution, especially with a decrease in the quantity of Nitrogen (chemical and mineral) generally used. The recommended quantity for hectare widely falls under the parameters imposed by the Nitrates Directive and allows a better qualitative and quantitative crop production, affecting positively the economic return of the agricultural holding.

UreaPro: it's a mixture of urea and noble proteins (amino acids and peptides). The peculiar manufacturing techniques make the product uniform and integrated in the shape of tiny pellets, particularly hard, so that it can be distributed with seeders and/or tamping machines and will dissolve in the event of humidity.

If the product is spread around the entire field with standard rotating manure spreader, even if it comes into contact with crops (young corn plants, etc) it doesn't cause any damage or burns like traditional urea, both for its original composition partially different, and for the lower recommended volumes.

Nitrogen, in ureic and organic solution, is linked to selected tectosilicates which allow a rise in the cation exchange, the proper retention of water and nutritional elements. It is available in short terms (ureic fraction) and in long terms (slow transfer of the organic component) based on the constant and continuous plants request. The product can absorb one and a half its own volume in water in order to make it available to the rooting structure of the plant, if needed, creating therefore a favourable environment which can eventually prevent water and/or nutritional stress. Compared to traditional urea, it's more efficient and effective, hampering Nitrogen losses due to run-off and/or sublimation: we advise to use **UreaPro at 70-80%** of traditional, amount per hectare.

selected itectosilicates inside



| PACKAGING | |
|-----------|--------------------------|
| Bag | Kg. 25 (n° 60/pallet) |
| Big Bags | Kg. 500/each |
| Form | Mini pellets (ø 3,5 mm.) |



Restrictions on the use - Art. 11, paragraph 1, letter c) of the Reg.CE/1069/2009: The feeding of farmed animals with herbage, assumed through the pasture or administered after having been picked up, coming from farmland where organic fertilizers or soil improvers different from dung have been applied, unless the pasture or the cut of grass takes after a waiting period - at least 21 days, facing to guarantee a suitable risk assessment for the public and animal health.

| COMPOSITION | | | |
|----------------------|----------------------------------|---|--------|
| Nitrogen | (N) | total | 25 % |
| Nitrogen | (N) | organic | 3,5 % |
| Nitrogen | (N) | ureic | 21,5 % |
| Phosphoric anhydride | (P ₂ O ₅) | soluble only in mineral acids (P ₂ O ₅ total) | 5 % |
| Phosphoric anhydride | (P ₂ O ₅) | neutral ammonium citrate and water soluble | 4 % |
| Calcium oxide | (CaO) | total | 8 % |
| Carbon | (C) | biological origin | 18 % |
| Organic substance | | | 31 % |

| Raw material | ORGANIC COMPONENTS | |
|--------------|-----------------------------------|--|
| | Mixture of NP organic fertilizers | |
| Raw material | MINERAL COMPONENTS | |
| | Urea | |

| RECOMMENDED DOSES - Kg./Ha | |
|----------------------------|-----------|
| All Crops | 200 - 500 |

(It is advisable to use UreaPro at about 80% of the usual amount / hectare of traditional Urea)
Example: "Kg. 300 x 80% = Kg. 240 / Ha"

The recommended doses have indicative value and should be increased or decreased considering the follow: the pedoclimatic characteristic of the zone of interest, fertility, water retention, structure of soil, cultural variety, the equipment in use and finally the experience of the agricultural entrepreneur. In any case it is recommended to avoid concentrations of the product next to the seed and/or to the roots.



The suitable analytical data on the wrappings follow the prescriptions of the D.L.g.s n. 75 of 29/04/2010 and following changes and /or integrations. All the data provided in the present publication are indicative, BIOS s.r.l. the right reserves its rights to modify them without obligation of warning.

ORGAN-MINERAL FERTILIZERS NP