

YILFERT GEMLİK AMMONIUM NITRATE (33% N & %N 34)

1. It dissolves easily in the soil and penetrates the plant quickly.
2. Since plants can easily absorb Nitrate (NO₃⁻) and Ammonium (NH₄⁺), it does not leave any additional substances in the soil.
3. It has a positive effect on the physical, chemical and biological properties of the soil
4. It does not cause rapid pH change in the soil and does not cause nitrogen loss.
5. In order to reduce the relative humidity of the air in rainy regions and to minimize the risk of burning and explosion, fertilizer grains are specially produced and presented in prill form.
6. In semi-arid and low-rainfall regions, it meets the nitrogen needs of the plant by dissolving rapidly even in short-season rains, without burning the plant root area.

NITROGEN CONTENT;

1. It acts directly on plants as a source of plant nutrients and ensures quality and abundant crops.
2. It increases the availability of various plant nutrients in the soil.
3. It increases the effectiveness of microorganisms that have beneficial effects on the nutrition and development of plants.
4. In case of nitrogen deficiency, yellowing appears first on the lower old leaves, and it shows stunted and weak growth. In case of excessive nitrogen deficiency, the leaves turn brown and eventually die.

STORAGE CONDITIONS;

1. Keep away from heat and fire sources.
2. Stack the packaged fertilizers in piles. When stacking, make sure that the row height is no more than 15 sacks, use grids that will prevent the sacks from coming into contact with the ground, and leave a distance of at least 1 meter between them.
3. Store in dry and well-ventilated warehouses.
4. Do not smoke or use fire in the warehouse area.
5. Keep the fertilizer away from direct sunlight to prevent physical deterioration due to heat.
6. Do not keep the fertilizer in a humid environment.
7. Make sure that the doors of the places where fertilizers are stored are closed, especially in regions where day and night temperatures are different and humidity is high.
8. Use gloves for long periods of use.
9. **Never store urea fertilizer in the same closed environment.**

YILFERT GEMLİK NITRIC ACID 55% N

Nitric Acid (HNO₃) is a colorless or yellowish liquid with a pungent odor and corrosive properties. It can react with a wide variety of substances. The reaction of nitric acid with ammonia results in ammonium nitrate fertilizer, the most important component of mineral fertilizers used worldwide.

Mainly usage areas;

1. In the production of fertilizer and plant nutrition products,
2. Various metal industries, processing and purification of metals,
3. In the cleaning products industry,
4. Water purification and pH control,
5. Paint and chemical industry.