

BRLNT ORGANIC Fertilizer Usage Instructions for POTATOS

Description: BRLNT ORGANIC Concentrate is an environmentally friendly next-generation liquid organic-mineral fertilizer, formulated as a concentrated blend of amino acids complex, humic and fulvic acids, and macro- and micronutrients. It is designed for both foliar and soil application, ideal for potato cultivation.



Key Features and Benefits:

1. **Higher Potato Yields:** Promotes increased potato yields, benefiting farmers.
2. **Essential Nutrients:** Supplies essential macro- and micronutrients during crucial growth stages, maintaining plant health and productivity.
3. **Enhanced Root System:** Strengthens potato root systems, improving their ability to absorb water and nutrients from the soil.
4. **Seed Germination Activation:** Activates the germination and maturation process of potato seeds, accelerating plant growth and development.
5. **Cold Resistance:** Increases potato resistance to low temperatures, enabling them to better withstand adverse weather conditions.
6. **Improved Efficiency:** Enhances the effectiveness of applied mineral fertilizers and pesticides, allowing better utilization of plant protection products.
7. **Disease Resistance:** Strengthens potato resistance to diseases, reducing the risk of losses caused by fungal or bacterial infections.
8. **Weather Resilience:** Improves plant resilience to variable weather conditions, particularly important during periods of fluctuating climate.
9. **Stress Relief:** Acts as an anti-stress and adaptogenic agent when used in stressful conditions, helping plants endure challenging periods.
10. **Accelerated Rooting:** Speeds up the rooting of seedlings, enhancing their development and survivability.
11. **Reduced Heavy Metals:** Reduces the inflow of heavy metals and radionuclides into plants, contributing to safer food products.

Conclusion: BRLNT ORGANIC Concentrate is an innovative solution significantly enhancing the efficiency and quality of potato cultivation while

prioritizing environmental sustainability and safety. However, it's important to note that the effects of its application may vary based on factors such as soil conditions, climate, and agricultural practices.

Instructions for Using BROLLNT ORGANIC Concentrate in Potato Cultivation

Application Schedule:	Concentrate BROLLNT ORGANIC L/ha
Treatments Before Planting Bulbs:	<p align="center">1.5L Concentrate</p> <p>When soaking potato bulbs, use 1.5 liters of BROLLNT ORGANIC concentrate mixed with 15-20 liters of water per ton of material, along with plant protection agents.</p>
Early Growth Stage (Approx. 10 cm Plant Height):	<p align="center">1.5L-2L Concentrate Application:</p> <p>For effective application, dilute 1.5 to 2 liters of BROLLNT ORGANIC concentrate in 200 to 300 liters of water per hectare. Additionally, add 4 kilograms of heptahydrate magnesium sulfate ($MgSO_4 \cdot 7H_2O$) to the mixture.</p>
Stem and Leaf Growth (Plant Height >15 cm):	<p align="center">2.5L-3L Concentrate Application:</p> <p>For effective application, dilute 1.5 to 2 liters of BROLLNT ORGANIC concentrate in 200 to 300 liters of water per hectare. Additionally, add 6 kilograms of heptahydrate magnesium sulfate($MgSO_4 \cdot 7H_2O$) to the mixture.</p>
Tubers Reach Approximately 40% -50% of Final Weight:	<p align="center">1.5L-3L Concentrate Application:</p> <p>For effective application, dilute 1.5 to 2 liters of BROLLNT ORGANIC concentrate in 200 to 300 liters of water per hectare. Additionally, add 5 kilograms of heptahydrate magnesium sulfate ($MgSO_4 \cdot 7H_2O$) to the mixture.</p>

Recommendations:

- Apply when the air temperature is between +5°C and +25°C
- Foliar treatments should be done in dry weather and in the absence of strong winds, with morning and evening hours considered optimal.
- Can be used both alone and in combination with mineral fertilizers (the yield growth rate significantly increases when used in combination).
- Do not exceed the recommended doses.
- Preparation of the working solution:
- Shake the container well before opening and measure the required amount of fertilizer.
- Partially fill the sprayer tank with water (if possible, use warm water at a temperature of +20°C to +25°C) and pour the measured amount of fertilizer through the sieve with the agitator turned on.
- While stirring, fill the tank with water to the required volume.
- Use the prepared working solution immediately after preparation.
- The fertilizer can be used in combination with plant protection products after conducting a compatibility test to ensure no sediment or other insoluble elements are formed.

Storage conditions:

- Store in a cool and dark place, in original packaging, at temperatures between +5°C and +30°C.
- Dispose of unused fertilizer packaging after the expiration date.
- Safety precautions:
- Adhere to general hygiene and safety principles when working with the fertilizer.
- Use protective gloves.
- In case of eye contamination, rinse thoroughly with water and seek medical attention if necessary.
- The product is not for consumption; keep it out of the reach of children.
- Safe for transportation without restrictions

