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“Zhyvokrykhta” is an organic complex fertilizer with a unique composition that combines natural components possessing high agronomic properties.

Composition of “ZHYVOKRYKHTA”

“Zhyvokrykhta” (complex fertilizer) consists of:

Zeolite (90%), which provides:

- **Moisture absorption and retention:** zeolite acts like a sponge, holding water in the soil and reducing evaporation losses. This is especially important in arid regions.
- **Improvement of soil structure:** zeolite loosens the soil, ensuring oxygen access to plant roots.
- **Nutrient absorption and release:** zeolite can retain nitrogen, potassium, phosphorus, and other elements and release them slowly, ensuring long-term plant nutrition.
- **Reduction of toxins:** zeolite binds harmful metals and toxins that may accumulate in the soil.

Plant-based extract (10%). Composition:

- Zn (93.9 mg/g), K (0.85%), S (8.65%), N (nitrogen content 12%), Zn NH_4

- Microelements
- Vitamins, amino acids, flavonoids

It provides:

- **Organic matter enrichment:** the extract supplies the soil with organic substances, improving fertility.
- **Presence of microelements:** contains trace elements necessary for plant growth.
- **Biological activity:** stimulates beneficial microorganisms in the soil, helping convert nutrients into forms available to plants.
- **Environmental safety:** this component is eco-friendly and harmless.

Key Benefits of “ZHYVOKRYKHTA”

- **Comprehensive approach:** the combination of zeolite and plant extract supplies essential macro- and microelements, moisture, and organic matter.
- **Soil quality improvement:** enhances fertility, structure, aeration, and water retention capacity.
- **Eco-friendliness:** free from chemical additives, making the fertilizer safe for the environment.
- **Long-lasting effect:** due to gradual nutrient release, “Zhyvokrykhta” works steadily and effectively over time.
- **Reduced dependence on mineral fertilizers:** natural components can lower the need for synthetic fertilizers, providing economic benefits for farmers..

“ZHYVOKRYKHTA” is especially useful for:

- regenerating depleted soils,
- organic farming,
- increasing crop yields,
- protecting the environment from mineral fertilizer pollution. регенерації

Advantages of “ZHYVOKRYKHTA” over mineral fertilizers

Agronomists often focus on NPK values when choosing fertilizers. The benefits of “**Zhyvokrykhta**” go beyond traditional NPK analysis, because its nutrients:

- are released gradually,
- over a long period,
- and only in the amounts required by the plant.

Below are the key advantages of using “Zhyvokrykhta” compared to traditional mineral fertilizers:

1. Prolonged action - long-term effect

Unlike high-NPK mineral fertilizers that dissolve quickly and can leach away, “**Zhyvokrykhta**”:

- **Gradually releases nutrients:** zeolite retains nitrogen, phosphorus, and potassium in plant-available form, ensuring stable nutrition throughout the season.
- **Reduces nutrient losses:** mineral fertilizers are lost through leaching and volatilization, while “Zhyvokrykhta” significantly decreases these losses.

2. Improved soil fertility

“**Zhyvokrykhta**” acts not only as a nutrient source but also enhances soil long-term, unlike NPK fertilizers:

- **Restores soil structure:** zeolite loosens soil and improves water-air balance.
- **Increases organic matter content.**
- **Activates soil microflora:** biological activity stimulates beneficial microorganisms that transform nutrients into plant-available forms.

3. Reduced dependence on NPK

High-NPK fertilizers quickly deplete soil and require constant reapplication. In contrast, **“Zhyvokrykhta”**:

- **Improves nutrient efficiency**: unlocks nutrients already present in the soil, reducing the need for additional mineral fertilizers.
- **Creates nutrient balance**: provides comprehensive feeding, not just short-term NPK boosts.

4. Stress resistance

“Zhyvokrykhta” helps plants adapt to stress conditions through:

- **Better water retention**: zeolite improves drought tolerance.
- **Stronger immunity**: plant extracts increase resistance to diseases and extreme temperatures.

5. Eco-friendliness and cost-effectiveness

- **Eco-safety**: “Zhyvokrykhta” contains no chemical compounds that could harm the environment or degrade soil.
- **Reduced costs**: its complex action minimizes the need for separate mineral fertilizers.

6. A strong argument for professional agronomists

- **NPK is only part of the equation**: successful farming depends not only on three nutrients but also on soil condition, structure, biological activity, and water retention. “Zhyvokrykhta” improves these parameters long-term.
- **Sustainable agriculture**: with climate change, it is crucial to switch to fertilizers with prolonged action and ecological benefits, like “Zhyvokrykhta”.

Storage conditions: keep in a dry, dark place.

Shelf life: 2 years from production date.

Safety: non-toxic, non-allergenic, fire-safe.