



MAXYIELD APPLICATION PROTOCOL FOR POTATOES

Crop Nutrition & Soil Improvement Program

Crop: Potatoes (*Solanum tuberosum*)

Product: Maxyield Organic Soil Conditioner (Humic Acid Granule)

Product Benefits

Maxyield helps to:

- Improve soil pH balance
 - Increase nutrient availability and uptake
 - Enhance root development and root mass
 - Improve soil structure and aeration
 - Increase soil moisture retention
 - Support healthy plant growth and tuber development
 - Improve overall soil biological activity
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1. Nursery Preparation

Recommended Rate

10 kg Maxyield per 400 kg of nursery soil

Application Method

1. Thoroughly mix 10 kg of Maxyield with 400 kg of nursery soil or potting media.
 2. Ensure even distribution throughout the growing media.
 3. Fill nursery trays, beds, or containers with the prepared mixture.
 4. Plant seed potatoes or propagation material according to standard practice.
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2. Planting Application

Recommended Rate

Area	Maxyield Rate
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Per Acre	10 kg
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Per Hectare	25 kg
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Area Maxyield Rate

Application Method

With Chemical Fertilizer (Recommended)

Mix Maxyield with basal fertilizer at a ratio of approximately **1:5**.

Example:

- 10 kg Maxyield
- 50 kg fertilizer

Apply evenly in the planting furrow or planting row before covering the seed tubers.

With Organic Manure

Maxyield may also be mixed with well-decomposed manure or compost and applied during planting.

3. Topdressing Application

Recommended Rate

Area Maxyield Rate

Per Acre 10 kg

Per Hectare 25 kg

Timing

Apply together with the first topdressing fertilizer application, typically **4–6 weeks after emergence** or according to local agronomic recommendations.

Application Method

Mix Maxyield with fertilizer at approximately **1:5 ratio** and apply evenly along the crop rows.

Maxyield may also be applied together with compost or well-decomposed manure where organic fertility programs are used.



Best Practice Recommendations

- Conduct soil analysis whenever possible.
 - Apply Maxyield as part of a balanced fertility program.
 - Ensure adequate soil moisture after application.
 - Follow local fertilizer recommendations for potatoes.
 - Maintain good crop management practices including proper hilling and weed control.
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Recommended Program Summary

Growth Stage	Maxyield Rate
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Nursery	10 kg per 400 kg soil
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Planting	10 kg/acre (25 kg/ha)
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Topdressing	10 kg/acre (25 kg/ha)
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Maxyield Organic Soil Conditioner

Supporting healthy soils, stronger roots, and improved potato production.