



Consulting
& Training

Analytic
Equipment

Seed
Coating

Seed
Treatment
Equipment

iGROW 1

Recommended Uses

iGROW 1 is a versatile agricultural product and is designed and effective in conjunction with seed treatment. The primary benefits of iGROW 1 are its positive effects on seedling development, plant quality and yield. iGROW 1 is made of 100% natural Yucca Schidigera. It is a high-grade non-toxic concentrated liquid extracted from the Yucca plant, known for its natural surfactant properties.

Features & Benefits

- Versatile application
- Enhanced germination
- Improved moisture regulation
- Resilience during abiotic stress conditions
- Wide compatibility with other additives

Appearance

Dark brown sirupy liquid, sweet smelling, with a bitter taste.

Moisture	Max. 70%
Protein	Min . 0.8%
Raw fat	Min. 0.6%
Crude fibre	Max. 0.5%
Ash	Max. 2%
Carbohydrates	Min. 24%
Preservative	Citric acid

Physical Properties

Heat resistance	Excellent
Concentration	30 Brix
Quality	Saponin content (Butanol extraction method) approx. 11%
pH value	4.0 ± 0.2 (10% aqueous solution)
Density	1.10 ± 0.05 (25°C)

Characteristics

Packaging	11 kg cans or IBCs weighing 1.100 kg
Use	Mix well
Shelf life	24 months
Storage	Keep dry, in closed packaging, at room temprature (approx. 20°C)

Compatibility

Non-ionic formula ensures compatibility with a wide range of fertilizers, agro-chemicals, and different soil pH levels.

Effectiveness in stress conditions

iGROW 1 helps seedlings maintain growth and vigor during periods of drought, heat, or high salinity by optimizing moisture regulation and nutrient availability.

Application Guide

Apply iGROW 1 to seeds before or during sowing for optimal germination support. Yucca Schidigera may be used, among others, as a plant aid, organic fertilizer or wetting agent for crops.