



**SOLULYS®** is used as an **organic fertilizer**, and potential **biostimulant** as part of nutrient formulations in plant care. Additionally, **SOLULYS®** promotes **microbial development** critical to a healthy soil matrix.

**SOLULYS®** acts as a **NPK fertilizer**, with organic nitrogen readily available for plant growth. Derived from soluble corn protein extracts serving as a **key source of secondary nutrients** (Ca, S, Mg) and **micronutrients** (B, Cl, Mn, Fe, Zn, Cu, Mo, and Se). Additionally, the product provides **water soluble proteins, free amino acids, vitamins, and other natural organic acids** (e.g., lactic acid) to aid in growth promotion and stress tolerance of the plant. **SOLULYS®** is also widely used as a microbial growth promoter in related applications.

The major advantage of **SOLULYS®** is **compositional consistency** (protein, amino acids, minerals, trace elements...). Compared to other products derived from the corn steeping process, the patented **SOLULYS®** process delivers a uniform, stable and **consistent product**.

## HOW TO USE?

As a direct organic fertilizer or as part of biostimulant compositions having improved formulations for:

- Foliar applications
- Granulated nutrients
- Microbial biostimulant applications

**SOLULYS®** can be purchased in powder or liquid form. Consult your technical representative for dosage recommendations.



## OUR ADVANTAGES

### BIODEGRADABILITY

- Fully biodegradable and used in plant metabolism

### 100% BIO-BASED PRODUCT

- Extracted from soluble corn wet milling fractions

### PLANT BIOSTIMULANT

- Provides nutritional and non-nutritional growth response and stress tolerance
- Stimulates growth of microorganisms present in soil

### CONSISTENCY

- Proprietary process used to produce a consistent, stable product

## PHYSICAL PROPERTIES

	SOLULYS® 048	SOLULYS® 095
Appearance	Liquid	Powder
%DS	48%	95%
NPK	7:3:3	7:3:3
Solubility	~94% at pH 6 and 50% loading	~60% at pH 7 and 10% loading
Particle Size	90% < 60 µm	90% < 360 µm
Total Nitrogen	7.1%	7.8%
Amino Nitrogen	2.5%	2.5%
Total AA	~40 g/100 g	~40 g/100 g
Organic Matter	~40%	~80%

## MISCELLANEOUS INFORMATION

Storage temperature	5–30°C
Storage instructions	Closed container, protect from humidity
Shelf life	12 months liquid / 30 months powder
Packaging	Bulk, big bag, 25 kg bag, drum



Preliminary studies demonstrate a positive biostimulant effect of SOLULYS® 048E on tomato in controlled conditions. SOLULYS® 048 induced significant growth stimulation of leaf and root parameters (leaf biomass at the doses N/500 and N/100 and root surface at the dose N/100).

