



# HYDROLYZED PROTEIN

TECHNICAL DATA SHEET



## Technical Data Sheet

**MATERIAL NAME:** Hydrolyzed Protein

**TRADE NAME:** Hydrolyzed Protein N16

Soy protein 95 is a water-soluble hydrolyzed protein powder created using enzymatic technology. It is derived from non-GMO soy protein and contains 16% organic nitrogen, making it ideal for nitrogen-deficient crops.

This product is recommended for non-chemical fertilizer and organic farming practices, as it is eco-friendly and safe for the environment. Additionally, it is stable, non-toxic, non-stimulating, and easily dissolves.

### Content Details

Physical Properties		Chemical Properties	
Color	Light Yellow	Protein Content	90%~95%
Form	Powder	Amino Acid Content	80%+
Odor	Special Aromatic	Organic Nitrogen	16%
Water Solubility	100%	PH Value	4~6
Moisture	5%		

### Application

The product reduces the energy required by plants for their production and translocation, allowing plants to allocate saved energy to other vital processes.

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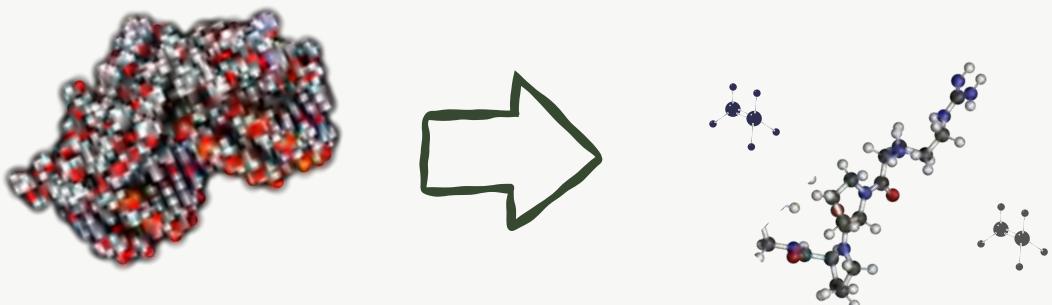
It is primarily used in various agricultural fields such as fruit, pastures, and horticultural crops. When combined with chemical fertilizers, it improves utilization rates, thereby reducing the quantity of fertilizers needed.

Irrigation and foliar spray is recommended for the usage, dilution Rates: Foliar spray: 1: 800-1000 ; Irrigation: 1: 600-800

## Technical Information

It is produced using enzymolysis technology, which keeps the molecule's structure intact and allows the amino acids to be present in various forms. The production process does not involve the use of any chemicals.

The production process involves the use of proteases to break down the peptide molecules. This gentle process results in the final products containing oligopeptides (molecules with a molecular weight within 1000 Da), and free amino acids.



## PACKAGING

10Kg, 20Kg, 25Kg Paper carton/drum

## STORAGE

Dry, cool, direct sun light proof, moisture proof warehouse

**SHelf Life:** 36 months

