BRANDT® EnzUp® 2-9-2 LS

Enzyme-Driven Nutrient Technology

BRANDT EnzUp 2-9-2 LS is a liquid enzyme and nutrient formulation built on patented BRANDT EnzUp technology. It delivers targeted enzymes along with nitrogen, phosphorus, potassium, sulfur, manganese and zinc to improve nutrient availability and root-zone activity by breaking down complex organic materials in the soil. This process helps release nutrients for plant uptake while supporting microbial activity and root development.

Key Benefits of BRANDT EnzUp 2-9-2 LS

- **Enzyme-Driven Nutrient Release:** Targeted enzymes break down complex organic compounds in the soil, releasing nutrients such as phosphorus and nitrogen into plant available forms
- **Improved Nutrient Availability:** Converts bound or unavailable nutrients into forms that can be more readily absorbed by plant roots
- **Enhanced Root-Zone Activity:** Supports a more active rhizosphere by increasing the availability of carbon sources and nutrients
- **Supports Microbial Activity:** Released sugars and nutrients serve as a source for beneficial soil microbes, contributing to overall soil biological function
- **Consistent Performance Across Soil Types:** Non-living enzyme technology provides reliable activity without dependence on environmental conditions

Enzyme Functions:

Mannanase enzyme - breaks down starches in the exudate that surrounds the outermost layer of the root tips. This draws water and nutrients to the root zone and releases sugars to the plant. This boosts root growth and increases microbial activity.

Phosphatase enzyme – breaks down organic phosphorus in the soil, releasing phosphate into plant-available forms and improving nutrient availability for root uptake.

Guaranteed Analysis

Total Nitrogen (N)	2.00%
Available Phosphate (P_2O_5)	9.00%
Potash (K_2O)	2.00%
Sulfur (S)	1.00%
Manganese (Mn)	0.05%
0.05% Chelated manganese	
Zinc (Zn)	1.00%
1.0% Chelated zinc	

ALSO CONTAINS NON-PLANT FOOD INGREDIENTS:

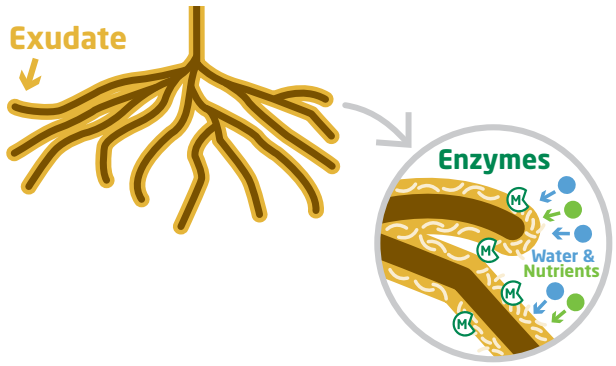
Phosphatase	4.5 x 10^1 µUnits/g
Mannanase	2.0 x 10^5 µUnits/g

Application Recommendations

In the absence of a soil or leaf analysis to determine nutrient deficiencies, apply the following rates:

Mild Deficiency	2-6 gal/ac
Moderate to Severe Deficiency	5-10 gal/ac

After initial application, monitor plant nutrient levels and apply again as needed.



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