

# NovoMAX

## Compost Acceleration Treatment



### How does it work?

Provides a blend of multiple Bacillus strains aimed at plant health and growth promotion. The Bacillus strains were mainly selected for their wide range of enzyme production, which helps hydrolyze raw substrates in the soil, making nutrients more available to the plant.

### Characteristics

- Facultative aerobes/anaerobes
- Complies with all FDA microbial standards for soil biological amendments
- All-natural and non-toxic
- Produces multiple enzymes including: amylase, protease, xylanase, cellulase, lipase, and esterase

### Beneficios:

- Decomposes and digests solids and compounds that cause odors
- Safe for the environment
- Improves and maintains a more balanced microbial ecosystem in the soil
- Provides activity across a range of temperatures while also functioning under facultative aerobic and anaerobic conditions
- Improves nutrient availability

### Applications:

- Plant health
- Nutrient availability
- Promotion of plant growth
- Soil ecosystem balance
- Soil remediation
- Denitrification



<b>Description</b>	Brown-colored free-flowing powder	<b>Bulk Density</b>	0.5-0.7 g/cm3	<b>Ingredients</b>	Bacillus Bacteria
<b>Packaging</b>	24 lbs. (11 kg) pail, packed in sachets	<b>Moisture Content</b>	15%	<b>Concentration</b>	4 Billion CFU/g
<b>Stability</b>	Maximum loss 1 Log/year	<b>Nutrient Content</b>	Biological nutrients and microbial growth factors	<b>Shelf Life</b>	Two years
<b>pH</b>	5.0 – 8.5	<b>Temperature Tolerance</b>	Between 0°C and 45°C and up to 5800 masl	<b>Properties</b>	Form: Powder Color: Brown
				<b>Storage</b>	Keep dry and free of moisture Keep container closed.

### Advantages:

- Improves microbial growth by providing trace elements that may be lacking.
- Optimizes microbial diversity from various groups of microorganisms, including mesophilic bacteria, thermophilic bacteria, yeasts, and fungi that take turns to break down long carbon chains into smaller molecules.
- Ensures the availability of effective microorganisms to degrade recalcitrant and complex organic molecules, such as hydrocarbons and inhibitors.
- Reduces the amount of waste by liquefying solid materials.
- Improves the quality of biological fertilizers obtained from composting.
- Stabilizes humus while reducing malodorous molecules in the final product.
- Improves the quality of agricultural products derived from natural fertilizers.

### Specifications:

- Packaging: Bucket with 50 sachets of 225 grams, water-soluble.
- Bucket weight: (24lbs) 11 kg.



Description:  
Toasted brown-colored powder



### Application.

To accelerate the process of organic degradation of one ton of compost, 225 grs of Novomax is used, and it can be applied on either dry or wet product.

It is diluted in water (1 BCP85/20 water) and applied directly onto the compost pile. This ratio may vary.

### Storage:

- Novomax can be stored in cool, dry, and isolated places.

### Precaution:

- Keep the container closed and out of reach of children.
- In case of ingestion, DO NOT induce vomiting.
- Consult your physician or go to the nearest toxicology care department.

### Environmentally Safe:

- Does not produce adverse effects in wastewater treatment plants or waste systems.