

**USA BlueBook**  
**EXCLUSIVE**

**plantPRO**

## PlantPRO™ Cold Weather Health Bacterial Supplement

- Optimize your plant during cold weather



If you're putting on your hat and gloves, your bugs are starting to slow down. Use PlantPRO Cold Weather Health supplement to prevent or recover from upsets due to low temperatures. This special blend of naturally occurring, non-engineered microorganisms is formulated to grow and create enzymes that break down organic waste when it's cold. It reduces total sludge volume, ammonia, grease and odors, and is good for animal waste digestion.

The bacteria are supplied on a proprietary micronutrient carrier that provides accelerated germination, growth and enzyme production. The supplement is effective in water temperatures as low as 39°F, and has a guaranteed minimum bacterial concentration of 4 billion CFU/g (1.8 trillion CFU/lb). Packed in 1-lb water-soluble pouches in 25-lb containers.

**Shipping:** Quantities of 7+ ship motor freight.

DESCRIPTION	STOCK #	EACH
PlantPRO Cold Weather Health Bacterial Supplement, 25 lbs	84924	\$

### Dosage Schedule

#### For WWTP

Flow Rate	Initial Dose	Maintenance
Up to 20,000 gpd	1 pouch every other day for 10 days	1 pouch per week
20,000 to 50,000 gpd	1 pouch per day for 10 days	2 pouches per week
50,000 to 500,000 gpd	2 pouches per day for 10 days	1 pouch per day
500,000+ gpd	5 pouches per day for 10 days	1 pouch per day

#### For Lagoons

Initial Dosage	Maintenance
10 lbs per acre per day for 5 days	1 lb per acre per week

## Aquafix VitaStim Low F:M Bacterial Supplement

- Improve settling and prevent filaments
- Create a healthier biomass



Use VitaStim Low F:M to improve biological function in your municipal or industrial applications. It stimulates the biological community, creating a robust environment with excellent nutrient uptake and better settling. It also limits the growth of filament populations commonly found in low F:M conditions. Packaged in 1-lb water-soluble packs in a 30-lb pail.

DESCRIPTION	STOCK #	EACH
VitaStim Low F:M, 30 lbs	39798	\$

### Dosage Schedule

2 lbs per day per 500,000 gpd

## Aquafix SmartBOD Carbon Supplement

- Get a healthy biomass in low food and low light conditions
- Better than dog food, crude glycerin or molasses



SmartBOD is an advanced carbon source that provides the building blocks of biological life. It contains bioavailable sources of amino acids, complex proteins, carbohydrates, and micronutrients. Bacteria in biological wastewater processes use these to produce clean effluent, floc, and settling characteristics. SmartBOD will not raise phosphorous.

SmartBOD produces healthier biomass with lower dosage than carbon sources like glycerin, molasses, dog food or chicken feed. Bacteria on crude glycerin or molasses grow fast, but are ill-equipped to digest anything except sugar—leading to cloudy effluent and polysaccharide slime. Dog food and chicken feed add more fats and phosphorus than are beneficial to the bacterial populations. They also contain high levels of inert solids, which accumulate in a wastewater treatment system and can trap organic matter, resulting in low DO conditions.

DESCRIPTION	STOCK #	EACH
SmartBOD, 50-lb Bag (Bulk)	87534	\$

### Dosage Schedule

#### Water Above 59°F (15°C)

<b>Plant Start Up/Severely Low F:M:</b>	30 lbs per million gpd for 10 days
<b>Low F:M/Toxicity:</b>	30 lbs per million gpd

#### Water Below 59°F (15°C)

<b>Plant Start Up/Severely Low F:M:</b>	30 lbs per million gpd for 10 days
<b>Low F:M/Toxicity:</b>	15 lbs per million gpd

## Bio Jet 7® Bacterial Supplement

- Replenishes and supplements bacterial populations

Bio Jet 7 contains patented bacteria strains to quickly degrade detergents, tissue, fats, oil and greases as they digest starches, cellulose, protein and vegetable gum.

Overcomes related problems such as odor and excessive solids accumulation in wastewater treatment plants, ponds or lagoons. Safe, non-toxic formula is approved for waste related applications by the USDA.

**Shipping:** Quantities of 7+ of the 5-gallon size ship motor freight.



SIZE	STOCK #	EACH
1 Gallon	45051	\$
5 Gallons	45050	

### Dosage Schedule

Plant Capacity	Initial Dosage (Every day for 3 days)	Maintenance (Every day)
Up to 25,000 gpd	12 oz	4 oz
Up to 50,000 gpd	24 oz	8 oz
Up to 75,000 gpd	36 oz	12 oz
Up to 100,000 gpd	48 oz	16 oz
Up to 1 million gpd	48 oz for each 100,000 gallons of capacity	16 oz for each 100,000 gallons of capacity
Over 1 million gpd	3 gallons for each million gallons of capacity	1 gallon for each million gallons of capacity