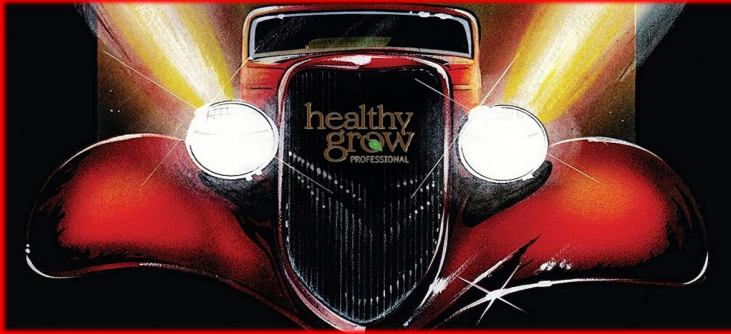


RPM

— 422 —

Accelerator



DIVERSE AND ROBUST BENEFICIAL BIOLOGY
AEROBIC COMPOST ▶ ORGANIC MATERIAL
SEA PLANT ▶ MOLASSES ▶ AMS
ENDO / ECTO MYCORRHIZAE





Product Description:

The primary ingredient in RPM 422 Accelerator is aerobically composted organic chicken manure from layer hens. This produces an organic carbon-based nutrition and biology product that feeds plants and soil life.

The fully cured organic material improves soil structure optimizing oxygen and water balance.

RPM 422 Accelerator is enhanced with sea plant, molasses, endo, ecto mycorrhizae, fermented yeast and ammonium sulfate.

These ingredients accelerate the biological and plant nutrient activity improving desired plant response and soil conditions.

RPM 422 Accelerator can be applied to all turf varieties and landscape plants.

Net Weight 50 lbs.

Manufactured by:
Pearl Valley Organix, Inc
968 South Kent Road
Pearl City, IL 61062
815-242-7650
www.healthygrowpro.com

Guaranteed Analysis 4-2-2		
Total Nitrogen 2.15% Ammoniacal Nitrogen 1.85% Water Insoluble Nitrogen	(N)	4.0%
Available Phosphoric Acid	(P2O5)	2.0%
Soluble Potash	(K2O)	2.0%
Calcium	(Ca)	8.0%
Sulfur	(S)	0.8%
Derived From: aerobically composted chicken manure (ACCM), ammonium sulfate, sulfate of potash		
Non-Plant Food Ingredients: endo and ecto mycorrhizae, sea plant meal, molasses meal, yucca extracts		

Application Instructions:

Apply rates according to desired use and agronomic objectives.

RPM 422 Accelerator can be used pre plant, post plant, in season , dormant feed and during aerification.

The following table is a guide to the amount of key nutrients and compost material received at various rates.

Rate / 1000	Nutrient / # / 1000 Sq. Ft					
	ACCM	N	P	K	Ca	S
9.0#	7.7	.37	.18	.18	.73	.07

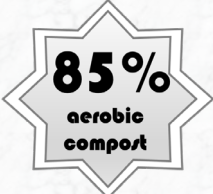
For optimum results apply to dry turf and soils. Provide adequate water to thoroughly saturate the granules. Granules will quickly disintegrate upon drying.



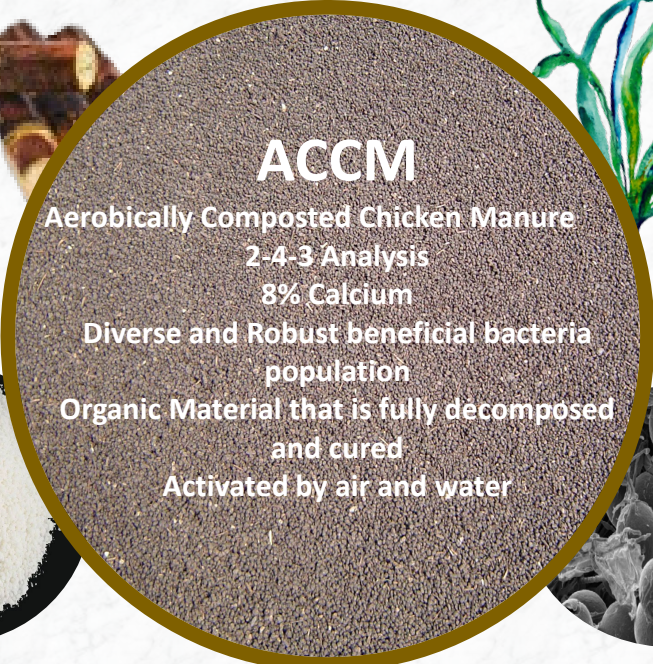
POWER INGREDIENTS



POWER PRODUCT



Blackstrap Molasses:
High Brix, readily available and desired carbon source for soil life.



Ascophyllum nosodum:
Sea plant containing natural root and plant growth hormones, anti stress compounds, vitamins and minerals.



Ammonium Sulfate:
Establishes desirable pH level to accelerate initial microbial activity. Provides plant desired source of Nitrogen.



Endo/Ecto Mycorrhizae:
Fungal population that increases root function and improves natural disease and stress tolerance.

The Product:

The primary ingredient in RPM 422 Accelerator is aerobically composted organic chicken manure from layer hens. A layer hen diet is rich in minerals, vitamins, amino acids, proteins and calcium. A 45-day composting and curing process utilizes natural heat to breakdown the material, kill unwanted pathogens and provide an optimum environment to culture beneficial bacteria. This produces an organic carbon-based nutrition and biology product that supports plant and soil life while improving the physical structure of the soils. RPM 422 Accelerator is enhanced with sea plant, molasses, Endo/Ecto mycorrhizae and ammonium sulfate. These ingredients accelerate the biological and plant nutrient activity improving desired plant response and soil conditions.

What It Does:

Our independent research validates that with proper oxygen and soil moisture, the “target” application rate will:
Increase bacterial populations and activity

- Release an additional 50 – 75% of soil minerals for every pound of nutrient applied
- Increase thatch deterioration and reduction in buildup
- Improve the physical structure of the soil:
 - Water retention and uniformity in distribution
 - Holding sites for nutrients
 - Improved exchange of oxygen and toxic gases
- Improved plant stress tolerance, natural disease resistance and improved drought tolerance

The “target” application rate to maximize soil and plant response is 12 - 25# / 1000 of the base aerobic compost applied annually. This equates to 15 - 30# / 1000 of the RPM 422 Accelerator annually.

The more intensive the turf management – the higher the rate.

What You Will See:

Initial response is determined by the application rate and the current condition of the turf and soils it is applied on. The more RPM 422 Accelerator that is applied initially and annually – the greater the response. Plants and soils in poor condition will take time to recover and thrive in the new environment.

“Consistency and Quality” is the primary feedback we get from long term users.

Making It Work!

Air and Water activate the biology in RPM 422 Accelerator. It requires no other food source. If possible, open your soils with aerification prior to application. Apply enough irrigation to thoroughly saturate the granules – this may be double what you are used to – but it is worth the effort! This will initially form a compost and nutrient “tea” filling the rhizosphere and activating the biological activity.



RPM 422 Accelerator Agronomic

Annual Target Rates

Golf Courses

Greens: 30#/1000
Tees & Fairways: 15#/1000

Sports Fields

Football & Soccer: 30#/1000
Baseball: 15#/1000

Lawn Care

Cool Season: 15#/1000
Warm Season: 20#/1000

All Turf Areas – All Turf Types - All Landscape Areas

Dormant Feed ▶ Spring ▶ Summer ▶ Fall

Seed, Sprigging, Sod ▶ Apply Pre-Plant or following seed, sprig or sod application

Aerification ▶ Apply after top dress sand has been applied

Landscape / Flower Bed Applications

Apply preplant at a broadcast rate of 10#/1000 square feet ▶ Set plants ▶ Water to saturate top 3 inches of soil
Apply post plant at a rate either broadcast or targeted application ▶ Provide irrigation to wash product off of leaves and into the soil profile

Trees & Shrubs

Apply 1 cup per foot diameter of the planting hole ▶ Mix lightly with soil while backfilling ▶ Irrigate to saturate soil
Repeat application monthly during establishment ▶ Spring and Fall once established

