

# WORM POWER

The engine of nature.

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University tested-  
university proven



Three times  
the plant  
nutrition



One third the  
amount  
per application



Increases water  
holding capacity  
of the soil



Introduces an  
active microbial  
community to  
the soil



Increases  
size and yield

## 1. Plant Nutrition

- Enhanced availability of plant nutrients: Unlocks the available nutrient potential in the soil and makes it plant available
- A viable source of macro and micro-nutrients

## 2. Enhanced Efficiency of Water Use:

- Increases water holding capacity of the soil, reducing irrigation frequency and increasing stress tolerance during harsh conditions.
- Watershed friendly

## 3. Humic Acid's Role:

- High content: More than 5% by weight
- Makes nutrient delivery more efficient over an extended period

## 4. Soil Inoculation:

- Worm Power delivers robust and diverse microbial populations
- "A complete soil ecosystem in a bag". Enhances soil fertility, by fostering the development of complementary soil micro-organisms

## 5. Effective Bio-Stimulant

- Accelerated root initiation, establishment & development
- Encourage bridging into native soils and nutrient uptake

## 6. Soil Disease & Pest Suppression

- On-going tests show a potential mode of action interferes with pathogens' access to plant roots
- Foliar spray shows anecdotal evidence for mildew and fungal suppression, and reduction in insect damage

## Stronger, Healthier Turf From The Soil Up!

### Beneficial Impacts Of Our Worm Power.

Within our facility's tightly controlled environment our worms produce 100% organic castings and worm-worked material – Worm Power– that strengthens the Chemical, Physical, and Biological aspects of the soil around your plant's root zone. OMRI listed and CDFA certified, Worm Power improves soil health, and the health, vigor and strength of your plants



"I have used Worm Power on all of my greens for the past four consecutive years. Each year the greens have been easier to manage and look better to the members. This has been the best year ever out of 32 years at the course. The greens did GREAT!"

-Craig Elms,  
Golf Course Superintendent



"My customers' lawns have responded better this year than ever before. Worm Power has made a real difference."  
-Dave Swathout, Owner - Brighton Landscaping Services Inc.

## Turf Tough Enough To Take It.

From golf courses and city parks to school grounds and athletic fields, there's as broad a range of turf management practices as there are uses for the turf itself. When you include the seasonal variables that come into play from one region to the next, that range expands even further. The one element that is universally important however, regardless of turf use: healthy soil.

Worm Power will enhance plant vigor and improve stress tolerance, for turf that will thrive throughout the season.

## Plant Response Is The Key

Through ten years of trials and university research with top leading land grant university's, Worm Power has consistently been shown to produce stronger, healthier and more vigorous plants.



Turf plugs from new seeding



Hops in Upstate NY



Tomato Comparison



Cabbage Comparison

## Analysis

Worm Power Select Organic Liquid Extract  
(Sold as 55 gal. drum, 250 gal. tote, 2.5 gal. jugs)

	0.002 - 0.001 - 0.024
Total Nitrogen (N).....	0.002%
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ).....	0.001%
Soluble Potash (K <sub>2</sub> O).....	0.024%
Calcium (Ca).....	0.003%
Sulfur (S).....	0.003%
Iron (Fe).....	0.000%
Magnesium (Mg).....	0.001%

Worm Power Select Organic Granular  
(Sold as 40 lb bags, 900 lb sack, and 1800 lb sack)

	1.5 - 0.7 - 1.5
Total Nitrogen (N).....	1.5%
1.2%..... Water Insoluble Nitrogen	
0.3%..... Water Soluble Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ).....	0.7%
Soluble Potash (K <sub>2</sub> O).....	1.5%
Calcium (Ca).....	1.6%
Sulfur (S).....	0.2%
Iron (Fe).....	0.1%
Magnesium (Mg).....	0.3%

## Recommended Worm Power Application Rates Turf.

Worm Power will be most effective when both granular and liquid extract, formulations are applied. The spring time granular application starts the microbial community in the soil which will assist in unlocking available nutrients, and it will deliver a micro and macro nutrient boost. Liquid applications throughout the growing season will facilitate access directly to the root zone. The fall application of Worm Power granular will serve as an effective winterizing treatment. Worm Power liquid will not foul filters, spray nozzles, or emitters.

Program	Liquid	Granular
<b>GOLF COURSE:</b>		
Tees & Greens	Apply monthly throughout the season, beginning 2 weeks after core aeration:  16 oz. / 1000 sq ft applied as a soil spray  Note: Application may be broken into bi-weekly applications of 8 oz. / 1000 sq ft	Two Seasonal Applications:  Spring: 5lbs / 1000 sq ft applied at core aeration  Fall: 5lbs / 1000 sq ft at core aeration
Fairways		
Divot Mix	No Application required	Combine 10% (by volume) into existing mix
Repair / Renovation	16oz. / 1000 sq ft applied monthly as a soil spray beginning 45 days after emergence	Till 30 lbs / 1000 sq ft into top 4" of soil prior to seeding
<b>SPORTS TURF:</b>		
Granular Only Program	No Application	20 lbs / 1000 sq ft 5 applications throughout the season beginning at time of crabgrass control
Liquid Only Program	16 oz. / 1000 sq ft applied on a monthly basis throughout the growing season	No Application
Combined Granular & Liquid Program	16 oz. / 1000 sq ft applied on a monthly basis beginning 1 month after Spring granular treatment	20 lbs / 1000 sq ft 2 applications: early spring and late fall for winterization
<b>COMMERCIAL LAWN APPLICATION</b>	Commercial lawn applicators may follow same regimen as Sports Turf	Commercial lawn applicators may follow same regimen as Sports Turf

The **SCIENCE** of Organic Plant, Tree & Turf Care



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