



# HG 8-3-5

Organic Fertilizer +  **HOLGANIX**  
Soil Nourishing Root Stimulating™

Healthy Grow® 8-3-5 with Holganix® is an economical nutritional blend formulated for quick spring green-up. It provides the optimum level of nutrients and non-plant food ingredients for sustaining turf grasses through the spring months.

Healthy Grow with Holganix is Aerobically Composted Chicken Manure (ACCM) infused with a biological meta-catalyst that promotes beneficial microbial activity in and around the soil and plants. It's an all-natural, slow-release, non-burning organic blend rich in humates, endo- and ecto-mycorrhizae, carbohydrates and trace minerals, naturally creating a soil environment that produces vigorous root growth for strong turf and plants. Plus, the Iron Sulfate provides beautiful dark green color without the flush growth from conventional chemical fertilizers.

Healthy Grow with Holganix contains no heavy metals or human bio solids. And because it's fully composted, you don't get the odor problems normally associated with manure-based composts.

## Benefits

- » Combination of Healthy Grow + Holganix delivers diverse soil biology and sustainable nutrition
- » High levels of indigenous beneficial bacteria and fungi
- » Low odor - indicative of complete composting process, no ammonia smell
- » Homogeneous pellet - 90 SGN, 180 SGN
- » Versatility - broadcast applications on turf, incorporate at aerification, apply to landscape planting beds, underlay sod, seedbed preparation

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## The Pearl Valley Organix story



It all began with a science project when first grade teacher, Dave Thompson, wanted his class to watch chicks hatch from eggs. Thirty years later, Dave, his wife Terry, and son Ben are running the successful family businesses of Pearl Valley Eggs and Pearl Valley Organix. Dave always had a strong belief in protecting the environment and doing things right, and this shows in all aspects of the business. Pearl Valley's egg-producing chickens thrive on a high-quality, calcium-enriched diet produced in their own feed mill. Ground wheat straw, grown on site, aids in the composting process. So not only does Pearl Valley sell environmentally sound solutions, they live them every day.

## Processing over 40 tons of chicken manure a day

Chicken manure is transported on underground conveyors to covered buildings and blended with a carbon source. The mixture is then turned daily until fully composted in 45-60 days. Unlike competitive products, no artificial heat is used, so the microbial population is preserved. Finished compost is screened, then pelletized and dried to create a ready-to-use, homogenous, low-odor fertilizer.

**healthy  
grow**  
PROFESSIONAL

A PEARL VALLEY ORGANIX BRAND



# HG 8-3-5 Organic Fertilizer + Holganix®

## Supporting Healthy Soil

Healthy Grow fertilizers add organic matter to the soil and encourage microbial growth to help balance your soil as nature intended.

Available in SGN sizes of 90 and 180, the easy-to-spread granules are extremely low dust, distribute easily, and move into the turf canopy with irrigation.

Backed by years of university research on golf courses, Healthy Grow Organic Fertilizers have consistently outperformed conventional synthetic fertilizers and other organic alternatives.

Organism Biomass Data (Expected Range)	Dry Weight (.45 – .85)	Active Bacteria (15 -25)	Total Bacteria (100-3000)	Active Fungal (15-25)	Total Fungal (100-300)
COMPETITOR A	.92	0	287	0	30.2
COMPETITOR B	.97	0	560	0	15.3
COMPETITOR C	.91	0	230	0	19.4
COMPETITOR D	.89	0	393	0	2.15
<b>HG 2-4-3</b>	<b>.74</b>	<b>45.0</b>	<b>888</b>	<b>14.4</b>	<b>467</b>

When analyzed against other competitive fertilizers, results show that Healthy Grow contains higher levels of beneficial active bacteria and fungi, which promotes soil health, root development and nutrient uptake.

## Naturally High in Calcium

An essential plant nutrient that plays a critical role in root and cell wall development, calcium improves the plant's ability to photosynthesize and more efficiently take up nitrogen and other minerals.

**Result: a stronger, healthier plant.**

## Guaranteed Analysis

Available in bulk, bulk bags, and 50 lb bags.

Total Nitrogen	(N)	8.0%
4.5% Ammoniacal Nitrogen		
3.5% Organic Nitrogen		
Available Phosphoric Acid	(P <sub>2</sub> O <sub>5</sub> )	3.0%
Soluble Potash	(K <sub>2</sub> O)	5.0%
Calcium	(Ca)	5.0%
Sulfur	(S)	5.0%

**Derived From:** Aerobically Composted Chicken Manure ACCM, Ammonium Sulfate, Urea, Methylene Urea, Sulfate of Potash, Monoammonium Phosphate, Iron Sulfate, Molasses.

Also contains non-plant food ingredients from Holganix

Molasses & High Fructose Corn Syrup	2.38%
Brewer's Yeast	.48%
Yucca Extract	0.01%
Endo Mycorrhizae	0.014%
Ecto Mycorrhizae	0.014%

PEARL VALLEY ORGANIX has years of experience refining the chicken manure composting process and combining it with superior additives to produce the best-performing, organic-based fertilizers on the market.

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## Application Rates

### GREENS, TEES, & OTHER FINE TURF

» Apply 3.4 to 5 lb of product per 1,000 sq ft to deliver 0.28 to 0.4 lb of N per 1,000 sq ft

### FAIRWAYS, ROUGHS, & RESIDENTIAL LAWNS

» Apply 150 to 218 lb of product per acre to deliver 0.28 to 0.4 lb of N per 1,000 sq ft

*Use recommended rates above to apply 4.6 to 7 oz equivalent of Holganix per 1,000 sq ft. Apply up to 12.5 lb per 1,000 sq ft to deliver 1 lb of N per 1,000 sq ft.*

### USE PRECAUTIONS

Apply to dry turf. Always calibrate spreader to ensure proper application. Irrigate to move product down into the turf canopy before mowing.

### DIRECTIONS FOR USE

Use during the active growing season to achieve soil test goals and/or desired aesthetic results.



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