



HG 10-3-2

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

Healthy Grow® 10-3-2 with Holganix® is an organic-based blend of nutrients and beneficial non-plant food ingredients that naturally enhances any soil environment and promotes turf and plant quality.

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-based blend containing humates, carbohydrates, endo- and ecto-mycorrhizae and trace minerals, providing a rich soil environment for strong, healthy plants that are less susceptible to environmental and disease pressures.

Healthy Grow with Holganix contains no heavy metals or human bio solids. The added organic matter improves soil tilth, reduces compaction, and enhances water availability. 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 - 180 SGN
- » Versatility - broadcast applications on turf, incorporate at aerification, apply to landscape planting beds, underlay sod, seedbed preparation

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. Over 1.2 million egg-producing chickens thrive on a high-quality, calcium-enriched diet produced in Pearl Valley's 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 10-3-2 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.

The easy-to-spread granules are extremely low dust, distribute easily, and move into the turf canopy with irrigation.

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.

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
HG 2-4-3	.74	45.0	888	14.4	467

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.

Guaranteed Analysis

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

Total Nitrogen	(N)	10.0%
5.0% Ammoniacal Nitrogen		
5.0% Water Insoluble Nitrogen		
Available Phosphoric Acid	(P ₂ O ₅)	3.0%
Soluble Potash	(K ₂ O)	2.0%
Calcium	(Ca)	6.0%
Sulfur	(S)	1.0%

Derived From: Aerobically Composted Chicken Manure
ACCM, Ammonium Sulfate, Urea

Also contains non-plant food ingredients from Holganix	
Molasses & High Fructose Corn Syrup	1.38%
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 4.6 lb of product per 1,000 sq ft to deliver 0.34 to 0.46 lb of N per 1,000 sq ft

FAIRWAYS, ROUGHS, & RESIDENTIAL LAWNS

» Apply 150 to 200 lb of product per acre to deliver 0.34 to 0.46 lb of N per 1,000 sq ft

Use recommended rates above to apply 3 to 4 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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