



Naturally Made. PROFESSIONAL RESULTS.™

@HealthyGrowPro



@foliarpak

HG 2-4-3

Enhanced with Foliar-Pak[®] Armament[®]

Nutrition Source

Aerobically Composted Chicken Manure (ACCM)

Healthy Grow[®] 2-4-3 enhanced with Foliar-Pak[®] Armament[®] is our premium all-organic fertilizer, naturally high in calcium, an essential nutrient that promotes strong and healthy plants.

Benefits



Increases nutrient uptake by 20-30%



Enhances water-holding capacity



Stimulates microbial activity



Ensures predictable nutrient availability



Improves cation-exchange capacity



Promotes natural tolerance to stress, pests and disease

Excellent for all turf applications, enhancing top dressing, gardens, and landscape beds.

Healthy Grow Professional's base, Aerobically Composted Chicken Manure (ACCM), is an all-natural, slow-release, non-burning organic blend rich in humates, carbohydrates and trace minerals, which naturally enhances any soil type and promotes turf and plant quality.

Armament technology is a patented, biodegradable nutrient enhancer that protects certain nutrient ions from interactions, antagonisms and tie up in the soil. Armament's primary job is to ensure that the nutrients applied to the soil remain in a plant-available form - preventing interaction with other nutrients in the soil and from hydrogen and hydroxide ions.

Healthy Grow 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.

HG 2-4-3 Enhanced with Foliar-Pak® Armament®

Supporting Healthy Soil

Healthy Grow® Professional 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 in 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)	Active Bacteria (15-25 µg/g)	Total Bacteria (100-3000 µg/g)	Active Fungal (15-25 µg/g)	Total Fungal (100-300 µg/g)
COMPETITOR A	0	287	0	30.20
COMPETITOR B	0	560	0	15.30
COMPETITOR C	0	230	0	19.40
COMPETITOR D	0	393	0	2.15
HG 2-4-3	45.0	888	14.4	467.00

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 0.3% Ammoniacal Nitrogen 1.7% Organic Nitrogen	(N)	2.0%
Available Phosphoric Acid	(P ₂ O ₅)	4.0%
Soluble Potash	(K ₂ O)	3.0%
Calcium	(Ca)	8.0%
Sulfur	(S)	0.5%

Directions for Use

- » Utilize regular soil tests to identify proper application rate.
- » Use in combination with aerification for enhanced results.
- » Always calibrate spreader to ensure proper application.
- » Irrigate to move product down into the turf canopy before mowing.

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.

Application Rates

TURF

- » Apply 5-50 lb of product per 1,000 sq ft to deliver 0.1 to 1.0 lb of N per 1,000 sq ft as needed for desired result.

LANDSCAPE BEDS

- » Apply 1-5 lb of product per 100 sq ft to deliver desired results.

DIVOT MIX & GARDEN SOILS

- » Thoroughly combine 50 lb of HG 2-4-3 per 10 cubic feet of soil mix.

SOD

- » Apply 10-20 lb of product per 1,000 sq ft directly to soil prior to sod installation.

SEEDBED PREPARATION

- » Apply 10-20 lb of product per 1,000 sq ft and incorporate into top inch of soil.

SOIL MIX

- » Implement a 1:10 Ratio of Healthy Grow to soil mix

NEW PLANTINGS

- » **Trees:** 1 lb per 1 caliper inch, incorporating product during backfill
- » **Potted plant material:** 1 cup/quart
- » **Annuals:** Incorporate 20-50 lb per 1,000 sq ft in the top 3-4 inches of the soil before planting

PEARL VALLEY FARMS 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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