



The 
Andersons®

PROFESSIONAL GROWER CATALOG



HUMIC PRODUCTS
PREMIUM NUTRITION
HERBICIDES

INSECTICIDES
ORGANIC PRODUCTS

ROOTED IN QUALITY, SERVICE, AND TECHNOLOGY

With a focus on quality, service, and technology, the products we bring to market are designed to make work easier for those who use them. From a broad range of fertilizers, control products, and soil enhancers, to patented products and delivery systems, we're committed to delivering next-generation solutions with the highest level of quality and customer service in the industry.

The Andersons, Inc. was founded in 1947 in Maumee, Ohio, and is currently an eight billion dollar corporation (NASDAQ:ANDE). As a worldwide supplier to the turf industry, The Andersons is a major manufacturer and marketer of patented dispersible granular products such as Contec DG® for putting greens, tees, and other fine turf. In addition, The Andersons offers a full line of premium products for several professional markets that include greenhouse, nursery, lawn and landscape, horticulture, agriculture, golf courses, and sports turf.

The Andersons, Inc. also includes business groups that serve other markets including trade, ethanol, and rail.

For more about The Andersons, visit www.AndersonsPlantNutrient.com.

ENVIRONMENTAL SUSTAINABILITY IS AN INTEGRAL PART OF OUR COMPANY MISSION AT THE ANDERSONS.

We understand our customers' innate desire to have products which contain effective, natural, and above all, safe ingredients. We believe in creating beautiful outdoor living spaces while minimizing our impact on the planet. For those who would prefer a hybrid fertility approach, we also carry products containing both traditional and organic fertilizer sources.

WHY CHOOSE OMRI (ORGANIC MATERIALS REVIEW INSTITUTE) PRODUCTS?



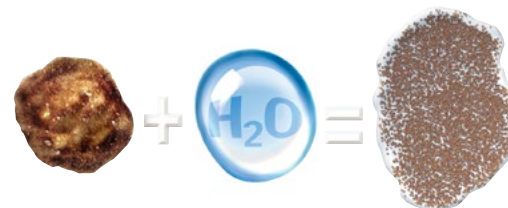
The OMRI Listed® Seal assures the suitability of products to be used for certified organic production, handling, and processing. For professional growers who desire products which meet OMRI criteria, see page 11.

DG PRO[®] TECHNOLOGY

**All granule carrier technology is not created equal,
and the results can be seen in plant performance.**

DG Pro is a dispersible granule (DG) carrier that dissolves almost immediately, dispersing into thousands of microparticles upon contact with moisture such as irrigation, rain, or dew.

Featured on our complete line of control products, this patented technology creates a self-incorporating granule designed to provide consistent coverage and more quickly move active ingredients down to the root zone through mulch, turf, or bare-soil applications.



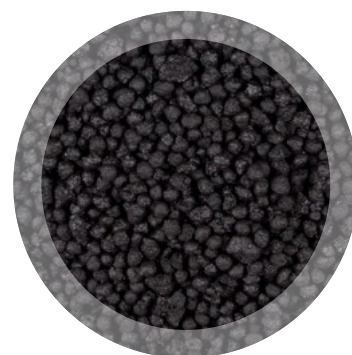
EXPLORE PRODUCTS FEATURING DG PRO TECHNOLOGY ON PAGE 10.

HUMIC PRODUCTS

Humic₂**DG**TM

70% HUMIC ACID

- Contains fulvic acid, humic acid, and humin
- Dust-free particles rapidly disperse upon contact with moisture
- Enhances nutrient efficiency, retention, and cation exchange capacity



APPLICATION TIMING

Season-long

INCORPORATION RATE

1-3 lbs/yd³

TOPDRESS RATE

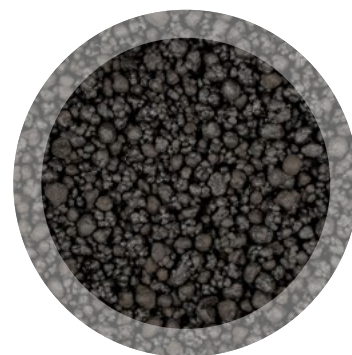
6-12 g/ft²



Humic₂**DG**TM **CharX**[®]

30% HUMIC ACID

- A 50/50 blend of humic acid and biochar
- Provides a carbon food source for soil microorganisms
- Enhances soil porosity and increases water holding capacity
- Provides karrikins, which boost roots and aid in seed germination



APPLICATION TIMING

Season-long

INCORPORATION RATE

1-3 lbs/yd³

TOPDRESS RATE

6-12 g/ft²



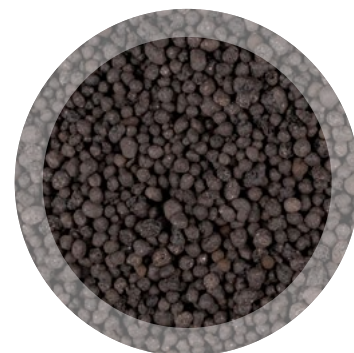
Humates make up 60-80% of soil organic matter.¹ This soil organic matter provides substantial benefit to both soil and plants, increasing nutrient holding capacity, water holding capacity, and stable aggregates. We utilize the highest quality humates in a complete range of products designed to improve plant nutrient uptake, efficacy, and rooting capacity, which yields an increased tolerance to many environmental stressors (drought, temperature).

1.Brady, Nyle C, and Ray R Weil. The Nature and Properties of Soils. 14th ed., Pearson Education, 2008

Black Gypsum DG[®]

10% HUMIC ACID

- Adjusts soil/soil media pH quicker than standard gypsum
- Allows soil nutrients to become more plant available
- Enhances the soil's ability to hold nutrients
- Contains the complete spectrum of carbon and humic substances



APPLICATION TIMING

Season-long

INCORPORATION RATE

8-12 lbs/yd³

TOPDRESS RATE

6-12 g/ft²



UltraMate SG[®]

70% HUMIC ACID

- Useful as a sprayable application or fertigation application
- Apply as a soil drench, with benefits of granular humic application
- Perfect for automated greenhouse growers
- Provides the benefits of Humic DG in a soluble form



APPLICATION TIMING

Season-long

SPRAY RATE

1-3 bags/acre

DRENCH RATE

1-3 bags/acre

PREMIUM NUTRITION



SLOW-RELEASE PHOSPHORUS

- Contains Struvite, a unique form of recycled phosphorus
- Provides season-long extended phosphorus feeding
- Safe for use on seedlings
- Also contains magnesium
- Featured as a phosphorus source in select products



APPLICATION TIMING

Warmer months

INCORPORATION RATE

2.3-5.0 lbs/yd³

TOPDRESS RATE

570 g/ft²

DURATION

Season-long



COMPLETE NUTRITION

- All-in-one fertility and soil amendment
- Features a combination of readily-available and slow-release nitrogen
- Utilizes quick-release and SmartPhos DG slow-release phosphorus sources
- Contains micronutrients and humic acid
- Nutrients delivered through DG technology



APPLICATION TIMING

Season-long

INCORPORATION RATE

Varies

TOPDRESS RATE

Varies

DURATION

Up to 16 weeks



Biomend DG[®]

ORGANIC BLENDED FERTILIZER

- All natural and organic nutrient sources
- Plant-based soybean meal as a nitrogen source
- Odorless, does not contain biosolids, manure, or wastewater byproducts
- Delivers carbon-rich humic acid



APPLICATION TIMING

Season-long

INCORPORATION RATE

Varies

TOPDRESS RATE

Varies

DURATION

Up to 16 weeks



Foltec SG

SPRAYABLE NUTRITION

- Soluble granules that quickly solubilize in spray tanks
- Options include high N, high P, and high K formulations, along with a minors package
- Formulated to include humic acid and sea plant extract to improve stress tolerance
- Easy-to-use lightweight packaging that eliminates plastic jug waste



APPLICATION TIMING

Season-long

SPRAY RATE





1-3 bags/acre

DURATION

Up to 16 weeks

HUMIC PRODUCTS

[Click here to explore Humic Products on our website.](#)

PRODUCT (Legacy Product Code / New Product Code)	OMRI LISTED®	DG TECHNOLOGY	USE RATES		USAGE				DENSITY (lbs/ft³)	PACKAGING (lbs)
			Lbs/yd³	g/ft²	 Field Grown	 Container	 Landscape	 Greenhouse		
Humic DG™ ASPHUDG40.2 / 10005955	•	•	1 - 3	6 - 12	•	•	•	•	43.0	40
Black Gypsum DG® 10% Humic Acid ASPGY10HUDG5 / 10005921	•	•	8 - 12	6 - 12	•	•	•	•	56.0	50
Humic DG™ CharX® ASPBIOHU4 / 10003605	•	•	1 - 3	6 - 12	•	•	•	•	37.0	40
UltraMate® SG ULTRAMATESG.1 / 10001179			-	3 - 6 lbs/A	•	•	•	•	41.0	30
5-10-10 + 25% Humic DG™ & SmartPhos® P ASP5HUSPWM5 / 10006130			25 - 50	455	•	•	•	•	51.3	50
9-12-6 with 37% HCU® + 36% Black Gypsum DG® and SmartPhos® P ASP9HCUBG5 / 10005895			15 - 30	255	•	•	•	•	54.6	50
13-0-3 + 11.5% Humic DG™ ASPI33HU5.40 / 10005798			10 - 20	175	•	•	•	•	48.7	50
22-0-4 with 50% HCU® + 43% Black Gypsum DG® ASP22HCUBG5.1 / 10005848			6 - 12	105	•	•	•	•	49.3	50


SOIL ENHANCERS

NutraLime® DG Hi-Mag Lime RS/LIME4070 / 10002272		•	25 - 50	-	•	•	•	•	70.0	40
NutraLime® DG Hi-Cal Lime 10001136		•	25 - 50	-	•	•	•	•	70.0	40
NutraSoft® DG Gypsum RS/GYPSUM70 / 10002271		•	25 - 50	-	•	•	•	•	70.0	40
NutraLime® OP Hi-Mag Lime 10002272	•	•	25 - 50	-	•	•	•	•	70.0	40
NutraSoft® OP Gypsum 10002271	•	•	25 - 50	-	•	•	•	•	70.0	40

PRODUCT (Legacy Product Code / New Product Code)	OMRI LISTED®	DG TECHNOLOGY	USE RATES		USAGE				DENSITY (lbs/ft³)	PACKAGING (lbs)
			Lbs/yd³	g/ft²	 Field Grown	 Container	 Landscape	 Greenhouse		
4-22-0 SmartPhos® DG ASP4SPMGD4 / 10006123		•	2.3 - 5.0	570	•	•	•	•	41.0	40
5-7-5 Genesis Rx® ASP5HUM5.1 / 10006126		•	25 - 50	455	•	•	•	•	49.2	50
3-4-3 Genesis Rx® Zeolite+ ASP3HUWZ5 / 10006109			45 - 90	755	•	•	•	•	50.0	50
5-5-5 Biomend® ASP5HUW50 / 10003461	•		25 - 50	455	•	•	•	•	46.8	50
10-0-6 Biomend® ASP10HUW50 / 10003462	•		12.5 - 25	230	•	•	•	•	53.8	50
Foltec® SG 24-0-8 ASP24FSG3X13 / 10005879			-	13.6 lbs/A (spray)	•	•	•	•	-	3 x 13.6 lbs case
Foltec® SG 8-0-24 ASP8FSG6X6 / 10006263			-	13.6 lbs/A (spray)	•	•	•	•	-	6 x 6.8 lbs case
Foltec® SG 8-24-8 ASP8FSG3X13 / 10006167			-	13.6 lbs/A (spray)	•	•	•	•	-	3 x 13.6 lbs case
Foltec® SG 16-0-16 ASP16FSG3X13 / 10006031			-	13.6 lbs/A (spray)	•	•	•	•	-	3 x 13.6 lbs case
Foltec® SG Minors ASPFSGMINOR10X2 10005914			-	0.75 lbs/A (spray)	•	•	•	•	-	10 x 2.25 lbs case
7-1-2 Innova® ASP7W4.1 / 10006151	•		20 - 40	325	•	•	•	•	31.	40
12-6-6 100% MUtech® ASP12IWM5.40 / 10005788			10 - 20	190	•	•	•	•	64.2	50
14-7-7 50% MUtech® APT14W5.40 / 10005590			10 - 20	165	•	•	•	•	63.8	50
14-14-14 61% NS-54™ APT1485.40 / 10005585			10 - 20	165	•	•	•	•	62.9	50
18-6-12 83% MUtech®-XL ASP18IWM5.40 / 10006062			7 - 15	125	•	•	•	•	60.0	50
46-0-0 APT4651.5 / 10005645			2.9 - 5.8	50	•	•	•	•	47.0	50
A-TEP ASP83296.6 / 10006157			1.5 - 3	100	•	•	•	•	67.0	50

HERBICIDES





[Click here to explore Herbicides on our website.](#)

PRODUCT (Legacy Product Code / New Product Code)	OMRI LISTED®	DG TECHNOLOGY	USE RATES		USAGE				DENSITY (lbs/ft³)	PACKAGING (lbs)
			Lbs/yd³	Lbs/A	 Field Grown	 Container	 Landscape	 Greenhouse		
0.48% Barricade® DG APTDG48BR5.40 / 10005674		•	-	135 - 310	•	•	•		44.8	50
0.25% Dimension® DG APTDG25DM5.40 / 10005667		•	-	200	•	•	•		46.3	50
5% Treflan® DG APTDG5TF4.5 / 10003600		•	-	80	•	•	•		77.4	40
5% Trammel® DG APTGL5TN4.2 / 10005693		•	-	80	•	•	•		72.3	40
Snapshot™ DG AGLSNAPDG1 / 10005174		•	-	100 - 200	•	•	•		47.3	25
1.71% Pendimethalin DG APT8637.4 / 10005660		•	-	117 - 234	•	•	•		45.5	40

INSECTICIDES

[Click here to explore Insecticides on our website.](#)

0.2% GrubOut® DG APTDGGB40.2 / 10005682		•	2.5 - 45.0	196	•	•	•		46.0	40
0.15% ProSect® on DG Pro® APTDGBF5.40 / 10005676		•	0.75 - 9.5	33 - 266	•	•	•		46.6	50

PRODUCT (Legacy Product Code / New Product Code)	OMRI LISTED®	DG TECHNOLOGY	USE RATES		USAGE				DENSITY (lbs/ft³)	PACKAGING (lbs)
			Lbs/yd³	g/ft²	 Field Grown	 Container	 Landscape	 Greenhouse		

HUMIC PRODUCTS

Humic DG™ ASPHUDG40.2 / 10005955	•	•	1 - 3	6 - 12	•	•	•	•	43.0	40
Black Gypsum DG® ASPGY10HUDG5 / 10005921	•	•	8 - 12	6 - 12	•	•	•	•	56.0	50
Humic DG™ CharX® ASPBIOHU4 / 10003605	•	•	1 - 3	6 - 12	•	•	•	•	37.0	40

SOIL ENHANCERS

NutraLime® OP Hi-Mag Lime 10002272	•	•	25 - 50	-	•	•	•	•	70.0	40
NutraSoft® OP Gypsum 10002271	•	•	25 - 50	-	•	•	•	•	70.0	40

NUTRITION

5-5-5 Biomend® ASP5HUW50 / 10003461	•		25 - 50	455	•	•	•	•	46.8	50
10-0-6 Biomend® ASPI0HUW50 / 10003462	•		12.5 - 25	230	•	•	•	•	53.8	50
7-1-2 Innova® ASP7W4.1 / 10006151	•		20 - 40	325	•	•	•	•	31.	40



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The OMRI Listed® Seal assures the suitability of products to be used for certified organic production, handling, and processing. For professional growers who desire products which meet OMRI criteria, please check the OMRI Listed column on pages 8-11.

ABOUT THE ANDERSONS, INC.

The Andersons, Inc. is a diversified company rooted in agriculture that conducts business in the commodity merchandising, ethanol biofuels, and plant nutrient sectors. Guided by its Statement of Principles, The Andersons strives to provide extraordinary service to its customers, help its employees improve, support its communities, and increase the value of the company.

Founded by Harold Anderson and his family in 1947 in Maumee, Ohio, and privately owned until 1996, the premise of the original organization was to make it as easy as possible for regional farmers to take their grain to market. The business model of serving others is the foundation on which the company was built. Today, The Andersons' more than 2,400 employees conduct business from over 150 locations and continue to be committed to providing extraordinary service with the utmost integrity.



Our Mission:

We firmly believe that our company is a powerful vehicle through which we channel our time, talent, and energy in pursuit of the fundamental goal of serving God by serving others. Through our collective action, we greatly magnify the impact of our individual efforts to:

- Provide extraordinary service to our customers
- Help each other improve
- Support our communities
- Increase the value of our company



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