

# Humic<sup>12</sup>DG CharX<sup>TM</sup>

**Humate may increase or enhance micronutrient uptake.**

- Easy to apply spherical, uniform, low dust formulation
- Can be blended with fertilizers or used alone
- Self incorporates with irrigation or rainfall

**CONTAINS NON-PLANT FOOD INGREDIENTS**  
**GUARANTEED ANALYSIS-SOIL AMENDING INGREDIENTS**  
**ACTIVE INGREDIENTS**

30.00% Humic Acids (derived from leonardite)  
42.96% Coconut Shell Biochar  
27.04% Total Other Ingredients (from inactive components of leonardite, proprietary binding agent, water)

**F002091**

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.regulatory-info-ap.com>

**FLORIDA APPLICATIONS:**

We recommend that you follow the Florida Green Industries BMP's at:  
[http://fyn.ifas.ufl.edu/pdf/GIBMP\\_Manual\\_Web\\_English\\_2015.pdf](http://fyn.ifas.ufl.edu/pdf/GIBMP_Manual_Web_English_2015.pdf)  
We recommend that you follow the Florida Golf Course BMP's at:  
<http://www.dep.state.fl.us/water/nonpoint/docs/nonpoint/glfbmp07.pdf>



**WARNING**

CAUSES EYE, SKIN AND RESPIRATORY IRRITATION

**Precautionary Statements**

- Wear protective gloves
- Remove contaminated clothing and wash before reuse
- Do not breathe dusts
- Use only outdoors or in well-ventilated area
- Call poison control or seek medical attention if you feel unwell
- Wash thoroughly after handling
- Do not eat, drink or smoke when using this product

**First Aid**

If inhaled: Move victim to fresh air. Seek medical attention if irritation persists.

If on skin: Wash affected areas with soap and water. Seek medical attention if irritation persists. Wash contaminated clothing before reuse.

If in the eyes: Immediately flush with water for at least 20 minutes. Seek medical attention if irritation persists.

If swallowed: If victim is alert and not convulsing, give one glass of water to dilute material. Seek immediate medical attention.

**GENERAL INFORMATION**

Humic DG CharX is a uniform granule which utilizes The Andersons proprietary dispersible granule (DG) technology. Each granule will disperse into thousands of particles with irrigation or rainfall, facilitating incorporation of the product into the soil. The hard granule has a low moisture and dust content, allowing it to be easily blended with other components, such as

urea-based fertilizers.

Humic acid products, such as Humic DG CharX, may increase or enhance micronutrient uptake while improving and replenishing depleted soils.

**DIRECTIONS FOR USE**

Apply as directed or as advised by your Andersons representative or local agronomist. Some situations will require higher use rates and/or more frequent applications to produce significant benefits. For best results, after application, water area with a minimum of 0.3 inches of water. Product will self-incorporate into coarse textured soils. Cold weather and/or cold water (lower than 45°F / 7°C) can result in slower particle dispersion.

Humic DG CharX can be applied to all crops, including vegetable crops, row crops, herbs and field crops; trees; shrubs; vines; turf; ornamentals; nursery; xeriscaping; garden landscaping and potting soils.

**CROPS (BROADCAST)** – Apply at 40 pounds per acre or higher as a broadcast treatment, one to two times annually. Best when applied in fall, post-harvest or early spring. May be used at pre-plant up to first blossom or anytime fertilizer is applied. For severely carbon depleted soils, apply 40-500 pounds per acre.

**CROPS (IN-FURROW/BANDED)** – Apply 4 -10 pounds per acre in-furrow or as a banded treatment.

**TURF** - Apply 40-200 pounds per acre per year. Apply 1-2 lbs. per 1,000 sq. ft. anytime during the growing season. Can be applied after aeration as a top-dress treatment. If desired, mix with the sand media. Apply and water in for self-incorporation. Make additional applications to deficient areas.

**TREES, SHRUBS** – Apply 2-8 oz. as a band around the base of each tree or shrub. Larger

trees and shrubs should use the higher rate.

**ORNAMENTALS AND BEDDING PLANTS** – Apply 1-2 pounds per 1,000 sq. ft. as a broadcast treatment in ornamental landscaping and garden areas. **POTTING SOILS** – Mix 2-10 lbs. per cubic yard of potting mix

**IMPORTANT: READ BEFORE USE:**

Read the entire Directions for Use and the Warranty Disclaimer and Limitation of Liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or Buyer accepts the following Warranty Disclaimer and Limitation of Liability:

**WARRANTY DISCLAIMER AND LIMITATION OF LIABILITY:**

Manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions. Manufacturer makes NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. To the extent consistent with applicable law, it is Manufacturer's intent to LIMIT ANY LIABILITY FOR SPECIAL, CONSEQUENTIAL OR INCIDENTAL ECONOMIC DAMAGES to refund of purchase price or replacement of product, at Buyer's choice. To the extent consistent with applicable law, Manufacturer DISCLAIMS ANY LIABILITY FOR COMPENSATORY OR OTHER DAMAGES ARISING OUT OF ANY USE CONTRARY TO LABEL DIRECTIONS. Use contrary to label directions is not permitted.

**LEGAL RIGHTS:**

THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS; YOU MAY HAVE OTHER RIGHTS THAT VARY FROM STATE/JURISDICTION TO STATE/JURISDICTION.

Product of U.S.A.

Manufactured by:  
The Andersons, Inc.  
P. O. Box 119  
Maumee, Ohio 43537  
[www.andersonshumates.com](http://www.andersonshumates.com)

Humic DG is a trademark of The Andersons, Inc.

**U.S. Patent 8,388,722**

Suggested Spreader Settings					
These suggested spreader settings are not intended to replace calibration. Please calibrate your spreader before applying product. <b>40 lbs. feeds 40,000 sq. ft. (0.92 acre) at the LOW RATE</b> <b>40 lbs. feeds 20,000 sq. ft. (0.46 acre) at the MEDIUM RATE</b> <b>40 lbs. feeds 10,000 sq. ft. (0.23 acre) at the HIGH RATE</b>					
SPREADER	GROUND SPEED	WIDTH OF COVERAGE	SPREADER SETTINGS		
			LOW RATE 1.0 lbs/1,000 sq. ft.	MEDIUM RATE 2.0 lbs/1,000 sq. ft.	HIGH RATE 4.0 lbs/1,000 sq. ft.
Andersons Model 2000 (cone 3) Andersons 2000 SR (cone 3) Andersons LCO-1000	3 mph	8 feet	J	K 1/2	M 1/4
Scotts R-8, R-8A (cone 3)	3 mph	8 feet	H 1/2	J	K 3/4
Lesco 020093 (pattern 0.5)	3 mph	6 feet	D	E	G
Lesco 705698 (pattern 0.5)	3 mph	6 feet	10	12	16
Lely Models - WTR, WFR, HR, 1250 (PTO at 450 rpm) Pattern II-C	4.5 mph	34 feet	4	5	6 1/2
Vicon (03 Series)	4.5 mph	20 feet	16	24	33

**SGN 210**  
**Net Wt. 40 Lbs (18.14 kg)**



**ASPBIOHU4**  
**F21**