



HUMIC COATED AMMONIUM SULFATE

20-0-0

- Large particle ideal for granular broadcast applications
- Effective nitrogen source in cooler-weather months
- Humic component allows for reduced nitrogen rates
- Flexible utility in all turf locations and species

GUARANTEED ANALYSIS	
Total Nitrogen (N).....	20.00%
20.00% Ammoniacal Nitrogen	
Sulfur (S).....	23.00%
23.00% Free Sulfur (s)	
Derived from ammonium sulfate.	

ALSO CONTAINS NON-PLANT FOOD INGREDIENT:
Guaranteed Analysis- Soil Amending Ingredients
ACTIVE INGREDIENTS
2.00% Humic Acids*(derived from leonardite)
INERT INGREDIENTS
98.00% Total Other Ingredients (from fertilizer material)

Patent Pending

FLORIDA APPLICATIONS:
We recommend that you follow the Florida Green Industries BMP’s at:
<http://www.flrules.org/Gateway/reference.asp?No=Ref-04706>
We recommend that you follow the Florida Golf Course BMP’s at:
<http://www.flrules.org/Gateway/reference.asp?No=Ref-04702>

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.html>

Nitrogen Notice: For those states with nitrogen application restrictions, including but not limited to, MD, NH, NJ and VA, do not apply more than 3.75 lbs lbs of this product per 1,000 sq.ft.

Purpose: Humic acid may increase the uptake of micronutrients.



WARNING:
CAUSES SKIN, RESPIRATORY AND SERIOUS EYE IRRITATION

PRECAUTIONARY STATEMENTS:
Wear protective gloves and clothing. 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 swallowed: Rinse mouth. DO NOT INDUCE VOMITING unless directed by a medical professional. Seek medical attention if unwell
If on skin: Wash affected areas with soap and water. Seek medical attention if irritation persists. Wash contaminated clothing before re-use.
If in the eyes: Immediately flush with water for 15-20 minutes , remove contact lenses if present and easy to do - continue rinsing. Seek medical attention if irritation persists.
If inhaled: Move to fresh air and keep comfortable, call POISON CENTER or doctor if unwell.
FOR EMERGENCY: 800-757-8951

PRODUCT INFORMATION: HCAS 20-0-0 is a granule fertilizer for dry broadcast applications for Turf, Nursery, or Agriculture.

DIRECTIONS FOR USE: HCAS 20-0-0 can be applied to all cool and warm season turfs including golf courses, sports fields, commercial and residential lawns, sod farms, landscape ornamentals, nursery stock, row crops and specialty crops including fruits, nuts, vegetables, trees, shrubs, vines and flowers. Application rates and frequency are dependent upon soil and climate conditions present. See chart below for application rates.

Broadcast Application Rates			
lbs N/1,000 ft²	lbs Product/1,000 ft²	lbs Product/Acre	lbs Humic Acid/Acre
0.40	2.00	87	1.74
0.50	2.50*	109	2.18*
0.75	3.75	164	3.28
1.00	5.00	218	4.36

Apply only to actively growing turf. Do not apply near water, storm drains or drainage ditches. Do not apply if heavy rain is expected. Apply this product only to your lawn and sweep any product that lands on the driveway, sidewalk or street, back onto your lawn. Check with your local Cooperative Extension Agency to obtain specific information on local turf best management practices. Check with your county or city government to determine if there are local regulations for fertilizer use.

Suggested Spreader Settings						
These suggested spreader settings are not intended to replace calibration. Please calibrate your spreader before applying product. 50 lbs. treats 25,000 sq. ft. (0.57 acre) at the 87 lbs. product/acre - LIGHT RATE (2.0 lbs/1,000 sq. ft. rate) 50 lbs. treats 20,000 sq. ft. (0.46 acre) at the 109 lbs. product/acre - LOW RATE (2.5 lbs/1,000 sq. ft. rate) 50 lbs. treats 13,300 sq. ft. (0.31 acre) at the 163 lbs. product/acre - MEDIUM RATE (3.75 lbs/1,000 sq. ft. rate) 50 lbs. treats 10,000 sq. ft. (0.23 acre) at the 218 lbs. product/acre - HIGH RATE (5.0 lbs/1,000 sq. ft. rate)						
SPREADER	GROUND SPEED	WIDTH OF COVERAGE	2.0 lbs/1,000 sq. ft.	2.5 lbs/1,000 sq. ft.	3.75 lbs/1,000 sq. ft.	5.0 lbs/1,000 sq. ft.
Andersons Model 2000 (cone 4); Andersons 2000 SR (cone 4); Andersons LCO 1000	3 mph	10 feet	K	K 1/2	L 3/4	N 1/2
Andersons Dual Impeller DI2020	3 mph	11 feet	K	K 1/2	L 3/4	N 1/2
Scotts R-8, R-8A (cone 4)	3 mph	10 feet	I 1/2	J	K 1/4	M
Lesco 020093 (pattern 0.25)	3 mph	7 feet	D 1/2	D 3/4	E	F
Lesco 705698)pattern 0.25)	3 mph	7 feet	11	11 1/2	12	14
Lely Models WTR, WFR, HR, 1250 (PTO at 450 rpm) Pattern II-C	4.5 mph	38 feet	4 1/2	5	6	7
Vicon (03 Series)	4.5 mph	30 feet	20	23	29	35

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.

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:
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www.andersonsplantnutrient.com

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Net Wt. 50 Lbs. (22.68 kg)

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