

HCU™



44-0-0

GUARANTEED ANALYSIS

Total Nitrogen (N) 44.00%
 44.00% Urea Nitrogen

Plant nutrients derived from urea.

Contains Non-Plant Food Ingredient:

Active Ingredients
 Humic Acid* 2.00%
 *Derived from humic substances
 Total Other ingredients 98.00%

Patent Pending

PRODUCT INFORMATION: HCU 44-0-0 is a concentrated soluble granule fertilizer for dry broadcast or foliar spray applications for Turf, Nursery or Agriculture.

DIRECTIONS FOR USE: HCU 44-0-0 can be applied to all cool and warm season turf 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 and dilution rates.

SPRAY APPLICATION:

HCU granules completely solubilize when added to water and can be spray applied at nitrogen rates of 5 - 50 kg N/ha. HCU can be mixed and added to the spray tank using industry standard practices including:

- pouring into the strainer basket at the top tank opening and running water over the granules to solubilize;
- preparing a bucket slurry mixture;
- adding granules through the spray tank inductor system; or
- prepare a solution in a mix batch tank system.

Using warm or hot water will reduce the time required to solubilize HCU. Fill the spray tank with at least half the desired water volume, engage the agitation and begin adding the HCU granules or solution using one of the methods described previously. Continue agitation until thoroughly mixed.

Spray Application Rates					
N Rate g/m ²	N Rate kg/ha	Product Rate kg/ha	Humic Acid kg/ha	Suggested Min. Spray Volume (liters/ha)	22.68 kg bags/ha
0.5	5	11.5	0.23	280	0.5
1.0	10	23	0.46	375	1
2.0	20	46	0.92	375	2
3.0	30	69	1.38	560	3
4.0	40	92	1.84	560	4
5.0	50	115	2.30	750	5

Use caution when applying more than 12.5 kg N/ha. The suggested water rates in the preceding table are minimum water rates. A greater volume may be required to meet specific site needs.

Compatibility with other chemicals: Check our website for a current list of compatible control products and nutrients. You can also perform a compatibility check by:

- Mixing each product in a clear container in the same proportion to be used in the field
- Agitating for at least 60 seconds
- Visually observing for precipitate

DRY BROADCAST APPLICATION:

Directions for use: Apply to dry foliage. Water in after application with 5 to 6 mm of irrigation. If temperatures exceed 25°C or if application to damp or wet turf is unavoidable, irrigate immediately after application. Apply at low rates if temperatures exceed 25°C.

Broadcast Application Rates				
N Rate g/m ²	N Rate kg/ha	Product Rate kg/ha	Humic Acid kg/ha	22.68 kg bags/ha
3.75	37.50	85	1.70	3.75
5.00	50.00	114	2.30	5.00
6.25 *	62.50	142	2.84	6.25
7.50 *	75.00	170	3.40	7.50

* Do not apply in drought conditions.

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.

Spreader Settings

Spreader	Ground Speed	Width of Coverage	Spreader Settings			
			85 kg/ha	114 kg/ha	142 kg/ha	170 kg/ha
Model 2000 & 2000 SR (cone 4) Settings for single pass application = FULL RATE	5 km/hr	3.0 m	J 3/4	K 1/4	K 3/4	L 1/2
Lely Models WTR, WFR, HR & 1250 (pattern II-C) Settings for single pass application = FULL RATE	7 km/hr	11.5 m	4 1/2	4 3/4	5 1/4	5 3/4
Vicon (03 Series) Settings for single pass application = FULL RATE	7 km/hr	9.1 m	19	22	25	28

Suggested spreader settings are not intended to replace calibration. Please calibrate your spreader before applying product.



WARNING
 MAY CAUSE EYE IRRITATION
 MAY CAUSE RESPIRATORY IRRITATION

Precautionary Statements

Call a poison center/physician if unwell. If skin irritation occurs, get medical advice. If in eyes, rinse cautiously with water for several minutes, remove contact lenses. If eye irritation persists, get medical advice. Wash hands after handling. Use only outdoors or in well ventilated areas. Avoid breathing dust. If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing. Store container tightly closed. Dispose of contents/container in accordance with national/regional/local regulations.

First Aid

- If swallowed: Rinse mouth. DO NOT INDUCE VOMITING unless directed by a medical professional. Call POISON CONTROL and seek medical attention.
- If on skin: Wash affected areas with soap and water. Seek medical attention if irritation persists.
- If in eyes: Immediately flush with water for 15-20 minutes and seek medical attention.
- If inhaled: Move to fresh air and keep comfortable. Seek medical attention if unwell.

Notice: Warranty of this material, either expressed or implied, is limited to a guarantee of the composition as shown on the label in as much as uses are beyond the seller's control. For the same reason, Seller is not liable for any injury to living things, crops, soils or materials which may result from the use or storage of this material. Do not store outside.

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22.68 kg/net
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