

GENERAL INFORMATION

Purpose: **Charge 12%** is manufactured by a unique patented process which extracts humic acids directly from Leonardite. **Charge 12%** is an aqueous dispersion of humic and related acids and can be tank mixed with most pesticides, herbicides, defoliants and liquid, soil and foliar fertilizers including acid fertilizers. **Charge 12%** dilutes readily with water for spray, dribble or injection applications in irrigation systems. Charge 12% may alter the soil or other medium in such manner that the physical and biological properties are materially enhanced. **Charge 12%** is not a plant food but may increase micronutrient uptake.

DIRECTIONS FOR USE

Crop yield / plant growth may be compromised if the product is not used according to label directions.

Keep the lid on tight when not in use.
SHAKE OR STIR WELL BEFORE USING.

RECOMMENDED USES

For use on the following crops: Alfalfa, almonds, avacados, apples, barley, beans, broccoli, cabbage, cauliflower, carrots, celery, citrus, corn, grapes, lettuce, milo, melons, nectarines, rice, pears, peaches, pecans, peppers, peanuts, pineapple, potatoes,sorghum, soybeans, sugar beets, sweet corn, sugar cane, strawberries, tomatoes, turnips. walnuts, watermelons, wheat and most other crops.

When spraying always use slotted screen or 50 mesh or larger in line and nozzles.

Broadcast application: Apply on soil surface prior to planting at 2 quarts per acre (4.4 liters per hectare). Can be applied with liquid fertilizer.

In-Row application: Apply at 1 quart per acre (2.2 liters per hectare) on the seed at planting. Can be applied with liquid starter fertilizer.

Transplant Water: Use 1 to 2 quarts per acre (2.2 to 2.4 liters per hectare) with transplant water.

Soaking Seeds: Use 1 quart per 100 gallons (1 liters to 400 liters) of water just before planting.

Sidedress application: With row crops, apply with fertilizer on both sides of the row, at 1 quart per acre (2.2 liters per hectare).

Foliar Spray: Spray on young plants at 1 quart per acre (2.2 liters per hectare) in conjunction with foliar nutrients.

Trees, Shrubs and Vines: Apply as a foliar spray with foliar nutrients at rate of 1 quart per 100 gallons of water (1 liter per 400 liters of water) to thoroughly wet leaves, stems and base of plant. Repeat sprays every month.

Lawns and Golf Courses: Apply each month,1 quart per 10,000 square feet. Can be applied with liquid fertilizer.

IRRIGATION SYSTEMS:

Furrow Run: Dilute with 10 parts water and dribble into water source to distribute the diluted mixture at 2.5 gallons per acre (23 liters per hectare). **Drip and Sprinkler:** Dilute with 10 parts water and inject diluted mixture at 2.5 gallons per acre (23 liters per hectare). Repeat every 3 to 5 weeks. Maintain agitation of the irrigation solution being supplied to the injector pump. **Charge 12%** can be applied through drip, center pivot, permanent solid set or self-propelled wheel move irrigation systems equipped with automatic shut-off devices and valves to prevent back flow into the water source. Interlocking controls should be installed between the water pump and the injector pump so that both pumps stop if either one should fail. **Ornamentals:** Use **Charge 12%** on containers, bench, or seed-gown ornamentals in greenhouses or outdoor nurseries and on ornamentals grown for indoor and outdoor landscaping. Apply 8-16 oz. in 100 gallons of water.

MIXING INSTRUCTION: Use the following mixing order: 1. Water 2. **Charge 12%** 3. Pesticide/Fertilizer. **Charge 12%** is compatible with most fertilizers and pesticides. Always conduct a jar test when using new or untried combinations.

Notice: The information contained herein is true and accurate to the best of our knowledge and belief but is presented without guarantee since field conditions and use are beyond our control. Neither the manufacturer nor the seller makes any warranty, expressed or implied concerning the use of this product other than indicated on the label. Buyer assumes all risk of use of this material when such use is contrary to label instruction. Read and follow the label directions carefully.
CONDITIONS OF SALE: 1. Seller warrants that this product consists of the ingredients specified and is reasonably fit for the purpose stated on this label when used in accordance with directions under normal conditions of use. No one, other than an officer of Seller, is authorized to make any warranty, guarantee of direction concerning this product. 2. Because of time, place, rate of application and other conditions of use are beyond sellers control, Sellers liability from handling, storage and use of this product is limited to replacement of product or refund of purchase price.

Charge 12%

CONTAINS NON-PLANT FOOD INGREDIENT(S):

GUARANTEED ANALYSIS:

Soil Amending/Active Ingredient(s):

Humic Acids (from Leonardite)12%

Total Other/Inert Ingredient(s): (aqueous solution).....88%

WARNING

KEEP OUT OF REACH OF CHILDREN; MAY BE HARMFUL IF SWALLOWED, INHALED OR IN CONTACT WITH SKIN; MAY CAUSE EYE IRRITATION. MAY CAUSE DAMAGE THROUGH PROLONGED EXPOSURE.

PRECAUTIONS: Do not breathe fume/gas/mist/vapors/spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in well-ventilated area. Avoid release to environment. Wear protective gloves/pro-
tective clothing/eye protection/face protection. Keep container tightly closed. Keep cool and protected from sunlight.

If medical advice is needed, have product container or label at hand. For more details regarding the safe use/handling, storage and disposal of this product as well as additional hazards and first aid measures, please obtain the current Safety Data Sheet at www.stollerusa.com.

STORAGE AND DISPOSAL

We recommend storing pails a maximum of three pails high. Do not stack pallets. Store container tightly closed in a cool/well-ventilated dry place protected from sunlight above 40°F. Do not allow container to freeze. Store locked up. DISPOSE of contents/ container at a permitted facility or as advised by your local regulatory authority. Do not contaminate water, food or feed by storage or disposal. Do not apply directly to areas where surface water is present, or to intertidal areas below the mean high-water mark. Do not contaminate water when disposing of equipment wash water. Do not reuse empty container.

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



Humic Acids

F2399

Density: 9.1 lb/gal (1.09 kg/L) @ 68°F (20°C)	
NET CONTENT	NET WEIGHT
<input type="checkbox"/> 2.5 gal (9.5 L)	22.7 lb (10.3 kg)
<input type="checkbox"/> 2.64 gal (10.0 L)	24.0 lb (10.8 kg)
<input type="checkbox"/> 5 gal (18.9 L)	45.5 lb (20.6 kg)
<input type="checkbox"/> 5.28 gal (20.0 L)	48.0 lb (21.7 kg)
<input type="checkbox"/> 15 gal (56.8 L)	136.5 lb (61.9 kg)
<input type="checkbox"/> 55 gal (208.2 L)	500.5 lb (227 kg)
<input type="checkbox"/> 275 gal (1041.0 L)	2502.5 lb (1135.1 kg)
<input type="checkbox"/> BULK	

Z-CHARGE12
REV: 20200713

Manufactured and Guaranteed by
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