



# Thatch-Recycler

"for enhanced organic matter decomposition"

### Guaranteed Analysis:

Total Nitrogen (N) .....	5.00%
1.00% Ammoniacal Nitrogen	
1.00% Nitrate Nitrogen	
3.00% Urea Nitrogen	

### Derivation:

Nitrogen derived from urea ammonium nitrate, beef and chicken manure.

Weight per gallon = 9.35 Lbs.

### Storage:

Store in a shaded, cool place whenever possible. For bulk quantities, storage in a cone bottomed tank to facilitate agitation is recommended. When stored in a cone bottomed tank, agitate 10 minutes prior to shipment. When stored in a flat-bottomed tank, agitate 1 hour before shipment. Avoid air blast agitation as foaming will result. If foaming does occur through normal agitation, use Harcross Chemical AF10FG defoamer, or similar food grade defoamer. Agitation is recommended once every month. Storage for longer than 1 year is not recommended.

### Handling:

Follow appropriate safety procedures. In case of accidental exposure, flush with plenty of water. Product is nonhazardous.

### Incompatibilities:

Do not exceed a 50 percent mix with N-P-K fertilizers unless diluted with sufficient amounts of water to ensure ease of mixing and application. Always jar test newly attempted mixes. Avoid strongly acidic conditions. Do not mix with Aqua Ammonia, Sulfuric Acid, Urea Sulfuric Acid, Phosphoric Acid or Soil Fumigants. No other known incompatibilities. *Thatch Recycler* is compatible with most irrigation and "spray-rig" systems.

### Directions for Use:

Use *Thatch Recycler* as a nitrogen fertilizing material to enhance the decomposition of plant residues and organic matter additions. *Thatch Recycler* enhances the nitrogen to carbon ratio of organic matter additions to enhance microbial degradation. *Thatch Recycler* gives best results when used with proper thatch management practices (e.g. "plugging," aeration, removal), and is not intended as a sole alternative.

Use 10-20 gallons per acre during the irrigation/growing season, or as needed. Apply as a broadcast application through the most convenient means. Thorough coverage of organic matter and soil contact will increase the effectiveness of this product. Multiple fractional application may give the best results. Product is sensitive to Ultra Violet light, do not allow prolonged exposure to sunlight. Apply in sufficient amounts of water/fertilizer to ensure movement off the surface.

As the use of *Thatch Recycler* may affect crop nutrient response, timing and frequency of fertilizer applications should be based upon crop nutrition monitoring (tissue/soil testing). Where warranted, adjust fertilizer rates and replace with a maximum of a 1:1 ratio of up to 20 gallons of *Thatch Recycler* per/acre/application.

### Directions for application:

#### TURF:

**GREENS, TEES, LOCALIZED DRY SPOT-  
Apply as a broadcast application at 1 to 2 quarts per 1000 square feet in enough water to ensure movement into the root zone.**

**FAIRWAYS, RECREATIONAL, LANDSCAPE-  
Apply as a broadcast application at 0.5 to 1.5 quarts per 1000 square feet in enough water to ensure movement into the root zone.**

### Notice to user:

Call 1-800-USA-BIO1 for technical assistance concerning use rates for crops not covered in this label.

Net Contents: \_\_\_\_\_ gallons, \_\_\_\_\_ Liters

Manufactured by,



Avondale, Arizona