



# Residue® WS T&O

F002873

- Faster breakdown of grass clippings, leaves, and thatch
- Increases soil nutrient availability

**Guaranteed Analysis:**

**Soil Amending Ingredients:**

Microbial Content . . . . .	<1%
Bacillus amyloliquifaciens . . . . .	1.25 x 10 <sup>11</sup> cfu/g
Bacillus licheniformis . . . . .	5 x 10 <sup>11</sup> cfu/g
Bacillus megaterium . . . . .	1.25 x 10 <sup>11</sup> cfu/g
Bacillus pumilis . . . . .	3.75 x 10 <sup>11</sup> cfu/g
Phanaerochaete chrysosporium . . . . .	8.75 x 10 <sup>7</sup> cfu/g
Trichoderma reesei . . . . .	3.75 x 10 <sup>7</sup> cfu/g
82.5% . . . . .	Sugars (Sucrose) (microbe food)
Total Other Ingredients . . . . .	16.5%

**Product Description:**

Residue® WS T&O is a diverse blend of naturally-occurring, nutrient-cycling microorganisms plus a food source. These organisms were specially chosen to help break down plant residue such as grass clippings, leaves, and thatch.

**Storage & Handling:**

Residue® WS T&O is a live microbial product. Residue® WS T&O will draw moisture. Residue® WS T&O should be stored in a tightly sealed container at 70 degrees F in a dry location and out of direct sunlight.

Shelf Life: Microbe count may begin to decline 2 years from Manufacturing Date printed on container

**Caution:**

Keep out of reach of children. This product is not intended for human consumption. Wear appropriate mask, goggles and gloves during use to avoid inhalation and contact with eyes and open wounds.

**Notes:**

Add to 10-20 gallons of total tank mix. Consult your sales representative for more specific liquid recommendations and proper application rates. Spray through 50 mesh or coarser screens with matching tips. Use within the intended growing season.

Turf Applications		
Application	Rate	Frequency / Notes
Regular Maintenance and Thatch Influence	Mix 2.5 - 3 dry ounces of material in 50 - 100 gallons of water per acre.	Apply monthly throughout growing season or a minimum 2-3 times during growing season.
Overseeding, Newly Seeded Areas, Sod, Aeration	Apply 1 - 3 dry ounces of material per 5,000 sq. ft.	Apply at time of aeration, sodding or seeding in the seed hopper or with starter fertilizer and re-apply monthly to maturity.
Hydroseeding	Mix 2 - 4 dry ounces material per 5,000-8,000 sq.ft per 500-800 gallons of slurry.	Add to tank before seed and mulch and reapply monthly until mature.
Sand Topdressing or Divot & Ball Mark Repair	Mix 1.25 - 2.5 ounces of material per cubic yard. Hand Repair: Lightly sprinkle into divot hole prior to replacement of turf.	Mix thoroughly with sand just prior to use.

Greenhouse, Nursery & Landscape Applications		
Application	Rate	Frequency / Notes
Tree and Shrub Care, Non-Fruit Bearing Trees	Initial Application: mix 2.5 - 5 ounces per 100 gallons water. Maintenance: 2.5 ounces per 100 gallons water.	Soil inject, drench or spray at appropriate rates to insure proper soil penetration.
New Field Plantings and Landscape Transplants	Mix 2.5-5 ounces of material per 100 gallons.	Drench or sprench at appropriate rates to ensure proper soil penetration.
Greenhouse Plants, Injection Systems	Initial planting: Mix in 0.50 - 2.5 ounces (15-70 grams) per gallon stock tank at 1:100. Constant feed mix 8 grams per gallon stock tank at 1:100.	Drench or sprench at appropriate rates to ensure proper plant soil penetration. Repeat twice a month in high porosity bark mixes and once a month in low porosity peat mixes.
Annual Flower and Perennial Beds	Mix 1.25 - 2.5 ounces (35-70 grams) per 100 gallons.	Drench or sprench at appropriate rates to ensure proper soil penetration. Repeat monthly in low CEC soils and every other month in mid to high CEC soils.
Granular Fertilizer Addition	Mix is 2.5 - 10 ounces per 2000 pounds of fertilizer.	Mix last into blender before dust control.