

TURF & ORNAMENTAL



Residue[®] WS T&O

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

Net Weight:

■ 1 lb
(0.45 kg)

■ 5 lb
(2.2 kg)

■ 10 lb
(4.5 kg)

■ 30 lb
(13.6 kg)

Residue® WS T&O

F002873

Guaranteed Analysis:

ALSO CONTAINS NON-PLANT FOOD INGREDIENTS

Soil Amending Ingredients:

Total Microbial Content	<1%
Bacillus amyloliquifaciens	1.25 x 10 ¹¹ cfu/g
Bacillus licheniformis5 x 10 ¹¹ cfu/g
Bacillus megaterium	1.25 x 10 ¹¹ cfu/g
Bacillus pumilis	3.75 x 10 ¹¹ cfu/g
Phanaerochaete chrysosporium	8.75 x 10 ⁷ cfu/g
Trichoderma reesei	3.75 x 10 ⁷ cfu/g
Sugars (Sucrose) (microbe food)	82.5%
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.

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

FIRST AID	
IF SWALLOWED:	Call a poison center or doctor. Rinse mouth.
IF IN EYES:	Continue rinsing for at least 15 minutes. If eye irritation persists: get medical advise/attention.
IF ON SKIN:	Remove clothing around the area if present and easy to do. Rinse continuously with soap and water for several minutes.
IF INHALED:	Call a poison center or doctor if you feel unwell.
You may also contact 1-352-323-3500 day or night for emergency treatment information. If medical advice is needed, have product container or label at hand (P101), Keep out of reach of children (P102), Read label before use (P103).	
STORAGE: 70 degrees F in a dry location out of direct sunlight. Keep container tightly closed. May be stored in unheated area, but keep from freezing. Store in areas inaccessible to children and pets.	
DISPOSAL: Dispose of contents/container in accordance with local/regional/national/international regulations. Do not reuse container.	

Condition of Sale and Warranty: Douglas Plant Health, Inc. warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. Handling, storage and use of the product by Buyer or User are beyond the control of Douglas Plant Health and Seller. Risks such as crop injury or other unintended consequences resulting from, but not limited to, weather or soil conditions, presence of other materials, disease, pests, drift to other crops or property, or failure to follow label directions will be assumed by Buyer or User. IN NO CASE WILL DOUGLAS PLANT HEALTH, INC OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT

Douglas Plant Health
1550 E. Old 210 Highway
Liberty, MO 64068
(800) 648-7626
www.DouglasPlantHealth.com



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

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.

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.