

# Unprecedented freedom to manage weeds



syngenta.

TENACITY Herbicide can be used for pre- and post-emergence control of more than 30 broadleaf weed and grass species. TENACITY can also be used to prevent weeds from germinating in newly seeded or over-seeded turf giving the new grass a chance to flourish.

## What TENACITY offers you:

- Selective contact and residual control of weeds in turf
- Effective pre- and post-emergent control of tough weeds
- Reduction in weed competition as new grass begins to emerge so root establishment is stronger resulting in healthier, denser turf
- Residual activity providing a wide application window for certain weeds
- The active ingredient, mesotrione, that is absorbed by plants through the roots, shoots and leaves and distributed throughout the plant by both xylem and phloem translocation

Excellent Summer Grass control two weeks after seeding of Perennial Ryegrass.



Untreated check



TENACITY 365 mL/ha

Ohio State University,  
July 2007

TENACITY can be used on these warm and cool season species:

Warm Season Turf Grasses	Cool Season Turf Grasses
Buffalo Grass, Centipede Grass	Kentucky Bluegrass, Fine Fescue, Tall Fescue, Perennial Ryegrass

# SpraySURE | Accuracy and Performance

To achieve great results, accurate application is important.

Target	Syngenta Nozzle	Optimal Water Rate	Optimal Pressure Range
Leaf and crown <b>F</b>	XC 04 or XC 025	300 to 500 L/ha	2 to 4 bar

Application volume should be adequate to ensure thorough and even coverage of the turf leaves and penetration to the crowns. In higher cut turf (>15 mm) a spray shielding effect can occur which impacts the spray penetration and coverage. All pre-emergent application should be immediately followed by a minimum 3 mm irrigation to activate the product.

TENACITY affects key plant cycles of chlorophyll production and photosynthesis resulting in a visual bleaching of weeds and grasses prior to necrosis. Occasionally, white tips can be seen on desirable grasses – this is a temporary symptom as the tips will be removed at the next mowing.

Grass Variety Situation	Rate/ha in minimum 300 L water	Pre-emergence Application	New Seedings	Post-emergence Application
Perennial Ryegrass, Fine Fescue	292 to 365 mL	Apply prior to anticipated seed germination. Follow immediately with minimum 3 mm irrigation.	Apply at grass seeding or close to seeding for best possible performance.	Apply with a non-ionic type surfactant. Weed control is most effective on young, actively growing weeds.
Buffalo Grass	292 mL			
Kentucky Bluegrass, Centipede Grass, Tall Fescue	365 to 585 mL			

Refer to the registered label for full details and instructions for use. **F** = Foliar applied

## Active Ingredient

TENACITY contains 480 g/L mesotrione, a member of the triketones group of herbicides

GROUP **F2** HERBICIDE

## Formulation and Packaging

1 L pack size

Suspension concentrate (SC) that mixes completely with water and produces a homogenous easy to apply suspension.

Observe the mixing instruction for TENACITY with regards to the addition of a non-ionic surfactant.



[www.syngenta.co.nz](http://www.syngenta.co.nz)  
[www.greencast.com.au](http://www.greencast.com.au)

**Tenacity**<sup>®</sup>  
Herbicide

**syngenta**