

Products



Touchdown Total Herbicide

Uses

CROPS

Pre-seed burn-off All crops ; Post emergent use Genuity® Round...

FOR MANAGEMENT OF **Winter annuals; Perennial broadleaf and grass weeds; Annual broadleaf and grass w...**

[View more use info](#)

Application Information

Pre-seed burn-off and post-harvest 0.14 - 1 L/ac (annual weeds) 0.14 - 3.48 L/ac (p...

Water Volume

Pre-Seed burn-off, Post-emergent and Pre-harvest use: 5-10gal/ac or 50-100 L/ha Post-harvest ...

[View more application info](#)

Tank Mixes

Prior to cereal crop rotation Express® Toss-N-Go MCPA 2,4-D Amine Buctril...

[View more tank-mixes info](#)

Technical Information

CHEMISTRY GROUP
Group 9 herbicide

ACTIVE INGREDIENTS
Glyphosate acid

REI: **12 hours**

[View more technical info](#)

Label and MSDS

Label

[Download](#)

MSDS

[Download](#)

[View more labels](#)

About this Product

Touchdown Total sticks!

With its unique delivery system that sticks to and penetrates the leaf's cuticle, and its fast translocation to all parts of the weed, Touchdown Total herbicide truly delivers.

Touchdown Total is registered for use in Genuity® Roundup Ready® canola and Genuity® Roundup Ready® soybeans. Get the weed control and crop performance you need with the product you want.

Product Benefits

- Registered for post-emergent use on all varieties of Genuity® Roundup Ready® canola, soybeans and glyphosate-tolerant corn
- Helps you manage troublesome weeds so you can manage your harvest timing
- Higher concentration means less handling
- Low foam saves time
- Backed by the Touchdown Assurance Program to ensure satisfaction

Packaging

Case: 2 x 10 L

Drum: 115 L

Totes: 450 L and 946 L

Uses

Pre-seed burn-off

- All crops

Post emergent use

- Genuity® Roundup Ready® canola
- Genuity® Roundup Ready® soybeans
- Glyphosate-tolerant corn

Pre-harvest use

- Spring wheat
- Durum
- Winter wheat
- Barley
- Oats
- Canola
- Peas
- Lentils
- Dry beans
- Soybeans
- Forages
- Flax (including low linolenic acid varieties)

Post-harvest use

- All crops

Please consult label for a complete listing of crops.

For management of

- Winter annuals
- Perennial broadleaf and grass weeds
- Annual broadleaf and grass weeds

Please consult label for a complete listing of weeds controlled.

Application Information

Use Rates

Pre-seed burn-off and post-harvest

- 0.14 - 1 L/ac (annual weeds)
- 0.14 - 3.48 L/ac (perennial weeds)

Post-emergent use

- 0.24-0.55 L/ac
- Maximum rate per single application: 0.55 L/ac
- Apply no more than 0.73 L/ac (in crop) in Genuity® Roundup Ready® canola

Pre-harvest use

- Maximum application: 0.73 L/ac (higher rate permissible in forage crops, see label)
- Aerial application may be used for pre-harvest use (in some regions)

Please consult the label for a complete list of weeds, staging, rates and timing.

Water Volume

Pre-Seed burn-off, Post-emergent and Pre-harvest use: 5-10gal/ac or 50-100 L/ha

Post-harvest use: 10gal/ac or 100 L/ha

Application Method

Air, Ground

Application Information

Best results are achieved when weeds are actively growing and temperatures are near 20°C.

Pre-seed burn-off

- Apply before seeding or transplanting crops

Post-emergent use

- Crop stage: 0 to 6 leaf stage
- Do not apply to Genuity® Roundup Ready® crops by air
- Do not apply to canola and soybean varieties that are not Genuity® Roundup Ready® or glyphosate-tolerant corn

Pre-harvest use - application timing

Canola, including Genuity® Roundup Ready® varieties

- Pods are green to yellow; most seeds are yellow to brown

Wheat, barley, oats

- When green colour has disappeared from the bend in the upper portion of the peduncle
- When a cross-section of a kernel shows a dark pigment strand
- Hard dough stage; thumbnail impression remains on the seed

Dry beans and soybeans, including Genuity® Roundup Ready® soybean varieties

- Stems are green to brown in colour
- Dry bean pods are mature (yellow to brown)
- Soybean pod tissue is dry and brown in appearance
- 80% to 90% leaf drop

Peas

- Moisture content is less than 30%
- Majority of pods are brown (75% to 80%)

Lentils

- Moisture content is less than 30%
- When lowermost pods (bottom 15%) are brown and seeds rattle

Summerfallow and post-harvest stubble treatment

- For best results, spray when weeds are actively growing
- Summerfallow: Ensure weeds are at desired growth stage before application
Post-harvest: Allow weeds to re-grow and ensure they are green and actively growing before application

Please refer to the label for a complete list of application recommendations.

Mixing Order

Mixing Order

- 1 Fill the spray tank with $\frac{1}{2}$ the required amount of water.
- 2 Add WG or DF formulation tank mixes and agitate.
- 3 Add SC formulations and agitate to ensure complete mixing.
- 4 Add surfactants, if applicable.
- 5 Add EC formulation mix partners and agitate.
- 6 Fill the tank to $\frac{3}{4}$ the required amount of water.
- 7 Add SN tank mixes and agitate.
- 8 Add Touchdown Total.
- 9 Finish filling the tank with water, maintaining gentle agitation.

Effects of Weather

Rainfast in one hour

Use Restrictions

Re-cropping

- No re-cropping restrictions

Pre-harvest interval

- Soybeans: 14 days
- All other crops: 7–14 days

Storage

- May be stored below 0°C

Tank Mixes

Prior to cereal crop rotation

- Express® Toss-N-Go
- MCPA 2,4-D Amine
- Buctril® M

- Pardner®
- Dicamba 480

Prior to pulse crop rotation

- MCPA Amine

Post-emergent use

- Lontrel™

Please consult the label for a complete list of tank mix partners.

Technical Information

Chemistry Group

Group 9 herbicide

Mode of Action

Touchdown Total contains a higher concentration formulation of glyphosate, with 500 g/L acid equivalent of glyphosate present as a potassium salt.

More glyphosate on the leaf

The unique delivery system of Touchdown Total helps the glyphosate stick to the leaf by wetting the leaf's surface and penetrating the leaf cuticle.

Better absorption

The corn-based adjuvant system of Touchdown Total is designed to maximize the glyphosate going into the plant without damaging the epidermal cells of the leaf, resulting in better translocation of the herbicide to the growing points in the weed. This contrasts with the adjuvants used in other glyphosate brands that damage the epidermal cells. The plant cells of a leaf treated with Touchdown Total allow better delivery of the glyphosate into the weed.

Excellent translocation

The unique delivery system speeds translocation to the roots and all growing points in the weed. This results in the active concentration of Touchdown Total throughout the weed.

Labels & MSDS

Label [Download](#)

Description For control of annual and perennial grasses and broadleaf weeds.

Active ingredient Glyphosate acid

Approved provinces AB, BC, MB, NB, NF, NS, ON, PE, QC, SK

Approved crops Apples, Apricots, Asparagus, Barley, Blueberries, highbush, Blueberries, lowbush, Canola, glyphosate-tolerant, Cereals, Cherries, Cherries, sour, Cherry, sweet, Chestnut, Corn, Cranberry, Fallow land, Filberts, Flax, Forage grasses, Forage legumes, Ginseng, Grapes, Grasses, Hazelnuts, Lentils, Oats, Oilseeds, Pasture renovation, Peaches, Pears, Peas, Plums, Pulse crops, Soybeans, Soybeans, glyphosate-tolerant, Strawberries, Sugar Beets, Summerfallow, Walnuts, Wheat

MSDS [Download](#)

Disclaimer – ALWAYS read and follow label directions. Please use this information above only as a guideline and not an exact description.

© 2015 Syngenta