

The background of the advertisement is a photograph of a two-lane asphalt road that curves through a dense forest of tall evergreen trees. The scene is bathed in a warm, golden-orange light, suggesting either sunrise or sunset. The road has a double yellow line in the center and white lines on the edges. The overall aesthetic is rustic and natural.

VANQUISHTM

Herbicide

A new generation herbicide for roadways, utilities and railways



Introducing VANQUISH™ herbicide, a dicamba based Industrial Vegetation Management (IVM) herbicide from Syngenta that delivers an enhanced level of performance and confidence.

Whether your application is for highways, railways, utilities, industrial sites, pipelines, and other non-cropland, VANQUISH™ herbicide provides consistent post emergence control of broadleaf weeds and brush species, including tough problems such as thistles and conifers. Plus VANQUISH™ gives you a host of advantages including enhanced chemistry and expanded tank mix options. VANQUISH™, the smartest tank mix partner money can buy.

New Technology Combines Outstanding Effectiveness with Low Volatility

VANQUISH™ represents a new generation of IVM herbicides. Utilizing advanced herbicide technology, VANQUISH™ provides the most effective broad-spectrum weed and brush control possible, while greatly minimizing volatility and drift concerns.

The patented DGA (diglycolamine) chemistry used in VANQUISH™ herbicide anchors the active ingredient dicamba to the target plant. This dramatically slows the evaporation of VANQUISH™, allowing for greater plant absorption, and a reduced risk of damage to off-target plants. In fact, studies show volatility is reduced by greater than 85%.

With VANQUISH™ you can now make applications with greater confidence than ever before and without the worries related to off-target movement.

3-Way Root-Tip to Leaf-Tip Control

VANQUISH™ provides outstanding vegetation control by working in three ways:

1. Absorption through leaf surfaces immediately after spraying for contact control.
2. Penetration through the soil for root absorption of the product.
3. Translocation throughout the plant for a complete kill of leaves, stems and roots.

With VANQUISH™ as the cornerstone of your vegetation management program, you'll be able to effectively control a vast array of annual, biennial and perennial broadleaf weeds along with many woody brush (deciduous and conifers) and vine species. In addition, VANQUISH™ gives you effective control of problem vegetation whether you choose to use it at high or low volume treatment rates.

Environmentally Sound Choice

When used as directed VANQUISH™ herbicide, featuring patented DGA low volatility chemistry, is an environmentally sound product that provides effective control and residual activity without long-term persistence in the soil. VANQUISH™ is tough on weeds and brush but easy on grass species.



Controls the Weeds the Others Leave

VANQUISH™ provides unparalleled control and flexibility either alone or in tank-mix combinations with 2,4-D amine, 2,4-D DP or glyphosate. VANQUISH™ use rates vary from 1.25 to 9.2L/ha depending on the target species and use pattern.

VANQUISH™ provides outstanding control of all your tough vegetation problems.*



Species Controlled	VANQUISH™	Tank Mix with 2,4-D Amine	Tank-mix with 2,4-D DP Ester	Tank-mix with Glyphosate for annual vegetation control on roadside shoulders
Brush				
Western snowberry	✓	✓	✓	
Wolf willow	✓	✓	✓	
Aspen poplar	✓	✓	✓	
Wild rose	✓	✓	✓	
Alder	✓	✓	✓	
Cherry	✓	✓	✓	
Balsam poplar	✓	✓	✓	
Basswood	✓	✓	✓	
Birch	✓	✓	✓	
Elm	✓	✓	✓	
Hickory	✓	✓	✓	
Vine maple	✓	✓	✓	
Black cottonwood	✓	✓	✓	
Bur oak	✓	✓	✓	
Red oak	✓	✓	✓	
Tamarack	✓	✓	✓	
Pine	✓	✓	✓	
White Cedar	✓	✓	✓	
Spruce	✓	✓	✓	
Balsam Fir	✓	✓	✓	
Sugar maple	✓	✓	✓	
White ash	✓	✓	✓	
White birch	✓	✓	✓	
Willow	✓	✓	✓	
Weeds				
Poison Ivy	✓	✓		
Wild carrot	✓	✓		
Absinthe	✓			✓
Canada thistle	✓			✓
Perennial sow thistle	✓			✓
Leafy spurge	✓			✓
Poverty weed	✓			✓
Scentless mayweed	✓			✓
Common ragweed	✓			✓
English daisy	✓			✓
Goldenrod	✓			✓
Tansy ragwort	✓			✓
Field bindweed	✓			✓
Top growth of curled dock	✓			✓
False ragweed	✓			✓
Giant ragweed	✓			✓
Diffuse knapweed	✓			✓
Goat's beard	✓			✓
Ground cherry	✓			✓
Pasture sage	✓			✓
Sheep sorrel	✓			✓
Thyme-leaved spurge	✓			✓
Baby's breath	✓			✓
Fringed sage brush	✓			✓
Lambkill	✓			✓
Velvet grass	✓			✓
Clover	✓			✓
Mouse-eared chickweed	✓			✓
Erect knotweed	✓			✓
Top Growth of				
Bracken fern	✓			✓
Perennial cinquefoil	✓			✓
Russian knapweed	✓			✓

*Consult label for a full list of vegetation controlled by VANQUISH™ and for full use rate information.

Make VANQUISH™ Your First Choice

VANQUISH™ herbicide is the versatile mainstay of an effective industrial vegetation management program. VANQUISH™ provides true application flexibility for both weed and brush control.

VANQUISH™

- Patented low volatility formulation.
- Superior control of over 50 problem weeds including Kochia and Russian Thistle.
- Broad-spectrum mode of action with a low risk of resistance development.
- Tank-mix flexibility for enhanced control in combination with phenoxy herbicides.
- Tank-mix flexibility for enhanced non-selective weed control when used in combination with glyphosate.
- Easy to mix and apply formulation that is non-corrosive to application equipment.
- Environmentally sound choice for industrial vegetation management programs.



For more information on VANQUISH™ contact TrueNorth Specialty Products:

Western Canada
1-877-248-3338
or 403-248-3338

Eastern Canada
1-877-940-4338
or 519-940-4338

www.truenorthspecialty.com

VANQUISH is a registered trademark of a Syngenta group company.
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Avoiding Drift and Runoff

With any herbicide application, it is important to protect non-target plants and the surrounding environment. Managing spray drift and runoff are an important part of any application stewardship program. To avoid spray drift and runoff, consider the following:

- Avoid making applications under environmental conditions where spray particles may drift by air currents to areas where sensitive crops and plants are growing.
- Leave an adequate no-spray zone between areas to be treated and areas of concern such as water bodies, non-target plants, etc.
- Do not treat areas where possible downward movement into the soil or surface washing may cause contact of VANQUISH™ with the roots of desirable plants such as trees and shrubs.
- Approved drift-reducing additives may be used with VANQUISH™
- Use coarse sprays to avoid potential herbicide drift. Select nozzles designed to produce minimal amounts of fine spray particles such as Radiarc™ Systems, Devlan Raindrops and Spraying Systems XR flat fans or large capacity flood nozzles such as D10, TK10 or greater capacity tips.
- Ensure that spray equipment used to apply VANQUISH™ herbicide is properly cleaned before re-using to apply any other chemicals.
- Avoid spraying under conditions of high humidity or high winds to help prevent drift. Applications should be made on days when temperatures are not expected to exceed 28°C.

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