

# Vantage Forestry

The new choice in glyphosate for forestry management.



Vantage\* Forestry is the new glyphosate that provides the same strong performance as Vision™. With Vantage Forestry, you get:

- The same reliable control of undesirable species for all use patterns, such as boom spray, boomless spray, hose and hand gun applications, and aerial application.
- The same rate of plant absorption, premium control and rainfastness.
- Service and support from Dow AgroSciences. We are committed to providing vegetation management products you can use with confidence.

With Vantage Forestry, there is nothing different or new required for application.

Product efficacy is the same. Complete control of both above-ground and below-ground plant parts is the end result.

Vantage Forestry is registered at a full range of rates to meet your forestry needs in any situation. It is readily available in 10 L jugs or 115 L drums.

## Forestry management with non-selective herbicides

Using a glyphosate herbicide such as Vantage Forestry provides **non-selective** vegetation control, i.e. ends growth of almost all species of weeds and grasses that compete with trees in reforested areas. Reduced competition for light, space and nutrients releases crop trees for optimum growth.

It is generally applied aerially as a water-based spray, timed late in the growing season after conifers are dormant, but grasses and deciduous trees continue to grow. Application at this time does not harm the dormant trees, but effectively controls most other vegetation. Over more limited areas, Vantage Forestry may also be applied by backpack spray, injection to tree stems or to fresh cut stumps.

Non-selective herbicides can be a safe, simple, cost-effective alternative to mechanical control methods such as mowing.

**Efficiency.** Aerial application reduces man-hours for vegetation control, and allows treatment of large reforested areas while trees are at their optimum dormant stage.

**Effectiveness.** Herbicide application can be far more effective in many situations, for example in getting rid of plants

such as poplars and grass. Cutting the top parts of these plants is only a short-term solution, because perennials regenerate from their extensive root system. Cutting aspen or disturbing their root systems by digging can actually stimulate growth and spread. A properly timed herbicide application can thoroughly control the root system to prevent recurring growth.

**Safety.** Vantage Forestry herbicide is also safe to operators and the environment because it has a low toxicological impact on humans and wildlife. The surfactant in Vantage Forestry promotes rapid uptake by plants, minimizing contact with anything else. On contact with the soil, glyphosate binds very tightly to soil particles and there is very low leaching potential to groundwater. In the soil, Vantage Forestry is degraded by natural processes into harmless compounds.

Vantage Forestry is a product you can use with confidence, because we at Dow AgroSciences strive to reduce risk and continually improve through effective management systems. Our Emergency Response Tech Advisors are on call 24 hours a day 7 days a week in the unlikely event of an emergency.

See reverse for detailed equivalencies.

### What else do you need?

For even more information on how Dow AgroSciences can meet your silvicultural herbicide needs, visit our website at [www.dowagro.ca](http://www.dowagro.ca).



## Equivalencies

If you already use glyphosate, switching to Vantage is simple because its label is identical to that of Vision.

Vantage and Vision are both glyphosate products. Both products guarantee a 356 gram acid equivalent per litre as isopropylamine salt, and both also have similar concentrations of surfactant.

### Comparison of Vantage and Vision Herbicides

Product Characteristic	Vantage	Vision
Formulation Type	Water soluble (SL) solution of glyphosate IPA salt	Water soluble (SL) solution of glyphosate IPA salt
Formulation concentration <i>(glyphosate acid equivalent per liter)</i>	356	356
Surfactant in formulation	15%	15%
Composition of surfactant	Ethoxylated Tallowamine	Ethoxylated Tallowamine
Formulation color	Amber	Amber
Flammability	No observed flash point	No observed flash point
Corrosiveness	Corrosive to galvanized or unlined steel	Corrosive to galvanized or unlined steel
Density	1.17 g/ml	1.17 g/ml
Recommendations regarding addition of ammonium sulphate (AMS)	Yes	Yes
	<ul style="list-style-type: none"> <li>■ Added first to spray mixture, it can minimize interaction of glyphosate with hard water</li> <li>■ Can increase absorption (thus performance) in some species</li> </ul>	
Response to Lower Spray Volumes	Yes	Yes
Rainfastness – label interpretation	2 hrs	2 hrs
Allows use of additional surfactant	Yes	Yes
General Efficacy	Excellent	Excellent
Speed of Kill	Moderate	Moderate
Drift concern	Potential physical movement	Potential physical movement