

2016 Herbicide Label Guide for Forestry Site Preparation and Reforestation Projects

Herbicide Label Guide			
Herbicide or surfactant	Used alone	Labeled tank mixes	Other tank mixes
<p>Accord XRT (5.4 lbs glyphosate/gal.)</p> <p>Contains a surfactant</p> <p>REI = 4 hours</p>	<p>Site prep only For any tree species= 1.5--8 qts/ac.</p> <p>May be used in seasonally dry wetlands in forestry and right of way (ROW) sites. Do not apply to surface water.</p>	<p>If a label lists a tank mix- use it only for conifer species listed on both labels (species in common)- unless the label lists the species the tank mix can be used on and the rates for both herbicides.</p> <p>Labeled tank mixes on Accord label = Arsenal AC, Oust, Garlon 3A, Garlon4, Escort, Chopper (Accord label says for site prep; be sure the species to be planted are on both labels.)</p> <p>Species on Oust label = Black Spruce, Tamarack. Species on Accord and Garlon labels= All species. Tank mix rate on Accord label = 1-4 oz Oust + 1.5-8 qts Accord/ac</p> <p>Species on Arsenal AC label = Black Spruce, White Spruce, Jack Pine, White Pine. Tank mix is on both Accord and Arsenal AC label.</p>	<p>Accord + Oust, Accord + Garlon</p> <p>White Spruce site prep= up to 1 oz/ac Oust + Accord, wait 3 months before planting.</p> <p>Red Pine site prep= 0.5 to 1.25 oz/ac Oust + Accord, wait 3 months before planting.</p>
<p>Rodeo (5.4 lbs glyphosate /gallon = 1.35lbs/qt)</p> <p>REI = 4 hours</p>	<p>Site prep For all species: 1.5--8qts/acre</p> <p>May be used in and around water and wetlands found in forestry and right-of-way sites. Do not apply to open bodies of water where woody brush, trees and herbaceous weeds do not exist.</p> <p>Requires use of a non-ionic surfactant.</p> <p>See surfactant section for rates.</p>	<p>Labeled tank mixes on Rodeo label - Arsenal AC, Garlon 3A, Garlon 4, Oust. (Rodeo label says for site prep be sure the species to be planted are on both labels).</p> <p>Species on Oust label = Black Spruce, Tamarack. Species on Rodeo and Garlon labels = all species.</p> <p>Tank mix rate on Rodeo label = 1-4 oz Oust + $\frac{3}{4}$ -7 $\frac{1}{2}$ qts Rodeo/ac.</p> <p>Species on Arsenal AC label = Black Spruce, White Spruce, Jack Pine, White Pine. Tank mix is on both Rodeo and Arsenal AC label.</p>	<p>Rodeo + Oust, Rodeo + Forestry Garlon XRT</p> <p>White Spruce site prep= up to 1 oz/ac Oust + Rodeo, wait 3 months before planting.</p> <p>Red Pine site prep= 0.5 to 1.25 oz/ac Oust + Rodeo, wait 3 months before planting.</p>

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<p>Rodeo (cont.)</p> <p>Non-selective, will control broadleaf and grass</p>	<p>Release After conifers have been established for 1 growing season.</p> <p>For all species: 0.75-1.5 qts/ac.</p> <p>May be used in and around water and wetlands in forestry and right of way (ROW) sites. Do not spray open body bodies of water where woody brush, trees and herbaceous weeds do not exist.</p> <p>Use Penetron for release. See surfactant section for more info.</p>	<p>Labeled tank mixes on Rodeo label = Oust and Arsenal AC.</p> <p>Species and rates on Rodeo label for tank mix with Oust = Jack Pine, White Spruce= 3/4 - 1 ½ qts Rodeo + 1-3 Oz Oust.</p> <p>White Pine= ¾ - 1 ½ qt Rodeo + 1-1 ½ oz Oust.</p> <p>Balsam Fir= 1 ½ qt Rodeo + 1-2 ½ oz Arsenal AC.</p>	<p>Rodeo + Oust, Rodeo + Garlon.</p> <p>Red Pine release= 0.5 - 1.25 oz/ac Oust + Rodeo, must be 3 or more months after planting.</p>
<p>Forestry Garlon XRT (6.3 lbs triclopyr/gal.)</p> <p>Do not apply to surface water</p> <p>Usually add a surfactant (Activator 90 @ 0.5% total spray volume)</p> <p>REI = 12 hours</p> <p>Broadleaf Plant Control-No effect on grasses at labeled rates</p>	<p>Site prep All species 2-4 qts/ac</p>	<p>Garlon plus Accord tank mix is on the Accord Label.</p> <p>Species on Accord and Garlon label for site prep = All species.</p>	<p>Garlon + Oust</p> <p>White Spruce site prep= Oust 1 oz/ac + Garlon. Wait 3 months before planting.</p>
	<p>Release Spruce, Balsam Fir, Red Pine= 1-2 qts/ac. Apply only after buds harden off.</p> <p>2 qts and up may cause some Red Pine damage. Over the top application on pine species may result in mortality.</p>	<p>Labeled tank mixes on Garlon label = none.</p>	<p>Do not use to release Jack Pine</p> <p>Good tank mix partner with Accord/Rodeo to control maple/oak</p>

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<p>Garlon 3A (3 lbs triclopyr/gal.)</p> <p>May be used in and around standing water</p> <p>Use a non-ionic surfactant, like Activator 90</p> <p>REI = 48 hours</p>	<p>Site prep All species: Up to 8 qts/ac.</p>	<p>Garlon plus Accord tank mix is on the Accord Label.</p>	
	<p>Release Spruce, Balsam Fir, Red Pine: 2-4 qts/ac.</p>	<p>None</p>	<p>When tank mixing with Rodeo, see Rodeo label for mixing instructions</p>
<p>Oust XP</p> <p>REI = 4 hours</p>	<p>Site prep Black Spruce= 2-4 oz/ac; wait 13 months to plant. Tamarack= 2 ½ -4 oz/ac; wait 8 months to plant Red Pine= 1-2 oz/ac.</p> <p>May use a surfactant, but don't need one. Soils test not required.</p>	<p>Labeled tank mix: on Oust label = none.</p> <p>Oust + Accord tank mix is on Accord label = 1-4 oz Oust + 2-10 qts Accord.</p> <p>Species on Oust label =Black Spruce, Tamarack. Species on Accord label = all species.</p>	<p>Oust + Accord, Garlon 4.</p> <p>Red Pine site prep= Oust at rates of either 0.5 oz/ac on sandy soil or 1.25 on heavy soil with Accord, wait 3 months before planting</p> <p>White Spruce site prep= Oust alone 1 oz/ac or 1 oz Oust with Garlon 4 or 1 oz Oust with Accord. Wait 3 months before planting.</p>

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<p>Oust XP REI = 4 hours</p>	<p>Release Use only after rainfall has settled soil around planting slit. Not recommended for poorly drained or marshy sites.</p> <p>Label says do not use a surfactant, however when using a tank mix with glyphosate add a surfactant.</p> <p>Do not use on Christmas trees or hardwood or conifer ornamentals.</p> <p>Red Pine= 1.5-2 oz/ac Jack Pine= 2-8 oz/ac White Pine= 1-1.5 oz/ac White Spruce=1.5-3 oz/ac</p> <p>Soils test not required.</p>	<p>If a label lists a tank mix- use it only for conifer species listed on both labels (species in common)- unless the label lists the species the tank mix can be used on and the rates for both herbicides.</p> <p>Labeled tank mix on Oust label = none.</p> <p>Oust + Rodeo tank mix is on Rodeo label. Species and rates on Rodeo label = JP, WS 1-3 oz/ac Oust, WP 1-1.5 oz/ac Oust</p>	<p>RP release: Oust at rates of either 0.5 oz/ac on sandy soil or 1.25 oz/ac on heavy soil with Rodeo. Wait 3 months after planting.</p>
<p>Silken</p>	<p>Site prep 16 fl oz / 100 gal spray mix for aerial application. 8 fl oz/ 100 gal spray mix for ground application.</p>		
<p>Activator 90 (Non-ionic)</p>	<p>Site prep Use 0.5% Activate = ½ gallon or 2 qts/100 gallons of spray mix.</p>		
	<p>Release Use 0.5% Activate = ½ gallon or 2 qts/100 gallons of spray mix.</p>	<p>Do not use to release jack pine</p>	

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Penetron (Non-ionic)	Release With Rodeo, use 1% Penetron in total spray mix. When applying 10 gallons of spray/ac use 12.8 ounces Penetron /ac = 1 gallon /100 of spray mix.	Preferred surfactant for release.	
Liberate (Non-ionic)	Site Prep Use 0.25% = 1 qt/100 gallons of spray mix Made from soybeans (lecithin)	Very good site prep surfactant. Do not use for release.	
Choice	Site Prep and Release Water conditioner for use @ 0.25% with all Accord (glyphosate) formulations		