


**Polaris[®] AC
Complete**

CONIFER SITE PREPARATION

The following information provides guidelines on how application and planting times could fit into a potential production practice. This is just one example. Please consult the label for specific information on application, rates, and timing.

University studies have shown that applications of Polaris[®] AC Complete made in early-to-mid summer months (May through early July) followed by planting in the winter months (mid-November through January) provide superior growth rates two-to-four years post planting, while minimizing potential for herbicide injury.

OBJECTIVE: Controlling labeled, actively growing broadleaf and grassy weeds, vines and brambles, woody brush, trees, and many other weeds on forest sites in advance of regeneration or replanting.

USE SITE AND SPECIES: For conifers including longleaf, slash, and loblolly pine (see label for specific rate recommendations for conifer species).

APPLICATION INFORMATION:

- Apply as a broadcast spray for control of woody plants and herbaceous weeds. Weeds controlled may provide fuel to facilitate a site preparation burn.
- Apply this product at the specified rate per acre in 5 to 20 gallons total spray solution for helicopter applications or 5 to 50 gallons for ground spray applications. Ensure complete coverage on the treatment area and use higher application volume where dense vegetation or multi-storied tree canopies are present.
- Tank mixes with other labeled herbicides may be necessary for control of conifers and other difficult to control species such as blackberry, elm, locust, and redbud.
- Combinations of Polaris AC Complete and Razor[®] Pro (glyphosate) are most common because they provide fuel for burning, when desired, and are synergistic within the competing plant, getting to the root of the problem.
- Combinations with Tahoe[®] 4E are used where waxy-leaved species like yaupon, gallberry, and wax myrtle are a problem.
- Where quick initial brown out is desired for burning, apply a tank mixture of this product with triclopyr (such as Tahoe 4E) or other products registered for this use (consult label for rate recommendations for this tank mix).

EARLY SITE PREP APPLICATION TIMING: Apply at recommended rates in May, June, or July.

APPLICATION RATES: Apply 24 to 40 fl oz of Polaris AC Complete per acre.

CONIFER PLANTING TIMING: Plant when good soil moisture is present, no earlier than November 15. Ensure a minimum of 60 days between herbicide application and conifer seedling planting. If longleaf pine is planted earlier, ensure at least 60 days between application and planting.


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HERBACEOUS WEED CONTROL

OBJECTIVE: Apply as a broadcast treatment, banded over tree rows, or as a directed spray for release of young conifers from herbaceous weeds. Use this product for selective weed control in the following conifers:

CROP SPECIES	RATE (fl oz/A)
Loblolly Pine (<i>Pinus Taeda</i>)	6 fl oz/A
Loblolly X Pitch Hybrid	6 fl oz/A
Virginia Pine (<i>Pinus virginiana</i>)	6 fl oz/A
Longleaf Pine (<i>Pinus palustris</i>)	4 fl oz/A
Shortleaf Pine (<i>Pinus echinata</i>)	6 fl oz/A
Slash Pine (<i>Pinus elliottii</i>)	4 fl oz/A

APPLICATION INFORMATION:

- Broadcast applications may be made by helicopter, ground, or backpack sprayer.
- Where herbaceous weeds have overtopped conifer seedlings, a non-ionic surfactant may be added to improve weed control at a rate not to exceed ¼ percent of spray solution volume.
Do not add a surfactant when treating overtop of slash pine, long-leaf pine, and Douglas-fir.
- This product may also be applied using backpack or hand-held sprayers to control herbaceous weeds around individual conifer seedlings. Mix 0.4 to 0.6 fl oz of product and 0.2 fl oz non-ionic surfactant per gallon of water. Direct the spray to the weeds and minimize the amount applied to conifer foliage for best conifer tolerance.
Do not exceed labeled rates per acre to ensure conifer tolerance.
- This product may be tank mixed with Spyder[®] Herbicide to broaden the spectrum of weeds controlled. For loblolly pine, apply 4 to 6 fl oz of this product plus Spyder at the specified label rate per acre.

APPLICATION TIMING: Apply at recommended rates in February through April, following year of planting.

To reduce herbicide uptake by pine trees, do not position a nozzle directly over the top of the row. If the pine seedlings are actively growing and the spray nozzle is directly over the top of the tree, there is an increased chance of reduced vertical height growth in the first year.

Please read and follow all label guidelines for the product. This recommendation sheet does not preclude any statement on the product label. Please read and follow all the label guidelines on the Polaris AC Complete label.

Image: David J. Moorhead, University of Georgia, Bugwood.org



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For specific application rates, directions, mixing instructions and precautions, read the product label. Please visit www.nufarm.com/uscrop to download a full label.

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