



# Postemergence Goosegrass Control

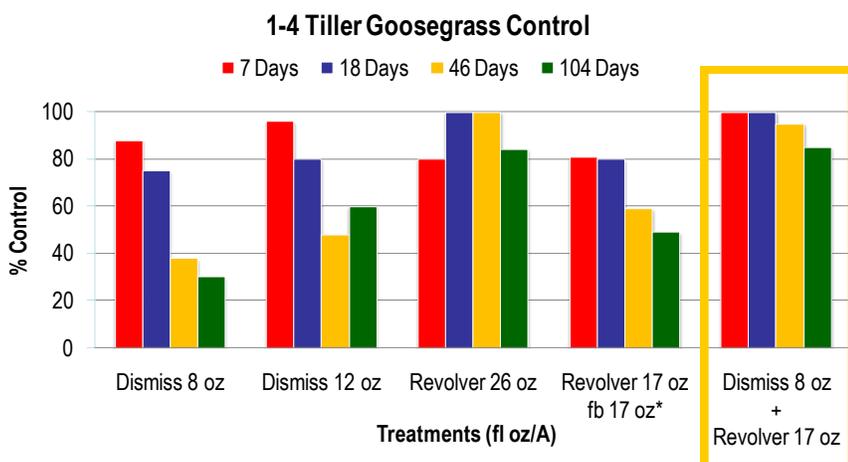
Goosegrass is a very troublesome grassy weed found in athletic fields, golf courses, and in other turfgrasses where heavy traffic patterns occur.

Postemergence control may be obtained with sulfentrazone (**Dismiss®**, **Dismiss South**, **Solitare®**). Sulfentrazone containing herbicides will control goosegrass when applied to newly emerged goosegrass in the 1-4 leaf growth stage.

The challenge, though, is that when goosegrass reaches the 1 to 4 leaf growth stage, it is very difficult to see in a dense turfgrass canopy. By the time it is large enough to see, goosegrass has progressed to the 1 to 4 tiller stage.



A study was conducted to evaluate Dismiss turf herbicide applied alone and in combinations for goosegrass control at the 1 to 4 tiller stage in warm season turf.



As a result, the tank mix application of Dismiss + Revolver® herbicides provided excellent postemergence goosegrass control (Figure 1). This combination highlights the benefits of both Dismiss and Revolver. **When you tank-mix Dismiss and Revolver, you get the fast visual response of Dismiss, which disrupts the cell walls inside the goosegrass plant & the long-term control from Revolver.**

Revolver applied alone—in some cases—takes up to 14 days to begin seeing symptoms of activity on goosegrass. Depending upon size and rate used, it may require two applications of Revolver to provide season-long control.

**Figure 1. Postemergence goosegrass control with Dismiss applied alone and in combination with Revolver. Initial applications made June 18, 2009 to 1-4 tiller goosegrass. Sequential Revolver applications made two weeks apart on May 25, 2009. Research conducted by Fred Yelverton.**

Dismiss applied alone provides a very fast visual response on goosegrass in as little as 3 days. However, a major benefit from this tank mixture is the ability to achieve season-long goosegrass control at lower rates. Combining 8 fl oz/A Dismiss + 17 fl oz/A Revolver provided faster goosegrass control compared to a single application of 26 fl oz/A Revolver (100% control compared to 80% in 7 days) while maintaining similar long term control. This tank-mixture provided both faster control and better long term goosegrass control.

**Adding Dismiss to Revolver will also broaden the target weed spectrum by providing nutsedge and kyllinga control as well as some broadleaf weed activity.**



For more information on Dismiss herbicides, contact your FMC Territory Business Manager or visit us at [www.fmcprosolutions.com](http://www.fmcprosolutions.com)