

TIMELY INFORMATION

Agriculture & Natural Resources

Prowl H₂O for weed control in bermudagrass hayfields (Frequently asked questions)

I see the supplemental label is set to expire in December 2011. What happens then? The supplemental label should be rolled into the main label this year so Prowl H₂O will be labeled for use next year and beyond.

What hay species can I use it on? Bermudagrass hay only. It is NOT for use on Bahiagrass, tall fescue, dallisgrass, Johnsongrass, or others.

What is the recommended timing? For summer annual weed control, apply in late winter when Bermudagrass is still dormant. It is not labeled for use after hay cuttings during the growing season. It can also be applied earlier in the winter after bermudagrass dormancy. However, it will not control weeds that germinated in the fall prior to bermudagrass dormancy.

What is the recommended rate? 2-3 quarts per acre. NOTE: the label goes lower than 2 quarts/A but producers will not be happy as weed control will be very poor. Therefore, for summer annual weed control, I DO NOT recommend 1 qt/A. Since Prowl H₂O is approximately \$9 per quart, the 2-3 quart/A rate range is pricey but the annual grass weed control is good at 2 qt/A and excellent at 3 qt/A.

Can I use Prowl H₂O on newly planted bermudagrass? NO. It is only labeled for established bermudagrass (gone through at least one cutting).

Do I need to add a surfactant to make Prowl H₂O work better? NO. This herbicide ONLY has pre-emergent activity. Any weeds that have already emerged WILL NOT be controlled. IF you are tank mixing Prowl H₂O with a post emergent herbicide, then a surfactant may be needed.

What makes this treatment stand out? With a late winter dormant Bermudagrass hay treatment, residual crabgrass control can be achieved into August and even early September at the 3 quart or higher rate. NOTE: hurricane type rainfall events over the summer will likely result in weed control breaking sooner than expected.

What will frustrate producers with Prowl H₂O treatment? 2 main things. 1) If it is applied in late winter without a post emergent tank mix partner (like glyphosate), the winter annual weeds will keep on growing and the weed control will not be observed until after first cutting (early apparent failure) 2) It will not control established perennial weedy grasses such as dallisgrass, vaseygrass, rhizome Johnsongrass, or knotroot foxtail. They may even be released and get worse. Here is where weed ID is critical.

Are there any label restrictions I need to remind producers of? YES. There is a 45 day grazing/forage harvest and 60 day hay cutting restriction. This means producers need to time the dormant season application at least 60 days in advance of first cutting.

What weeds are controlled? At 2 quarts/A, Prowl H2O will control barnyardgrass, crabgrass spp., crowfootgrass, seedling Johnsongrass, annual foxtails, Texas and fall panicums, goosegrass, and field sandbur. Above 2 qt/A, there are additional species on the main Prowl H₂O label.

Where can I find the current supplemental label online? <http://www.cdms.net/LDat/ld6CT014.pdf>

Where can I find the main label online? <http://www.cdms.net/LDat/ld6CT021.pdf>

Additional questions? Contact Stephen Enloe, sfe0001@auburn.edu

This timely information sheet was prepared by Stephen F. Enloe, Extension Weed Specialist, Auburn University