

Table 1. Turf Herbicides

Herbicide	Common Chemical Name	Recommended Use (always read and follow label instructions)	Other Comments
AMA	ammonium methanearsonate	Selective, postemergence summer grassy weed control in established bermudagrass, buffalograss, and Kentucky bluegrass.	Effective weed control normally involves 2 to 4 spray applications, spaced 10 to 14 days apart. The ideal temperature range for application is from 80 to 90°F. Tall fescue and zoysiagrass have marginal tolerance, so injury can occur. Never apply on centipedegrass or St. Augustinegrass. Addition of surfactant is helpful, if not included in the product.
Balan	benefin	Selective, preemergence grassy weed control in all established lawn grasses found in Oklahoma.	Balan is labeled for professional use. There are many granular herbicide and fertilizer combinations that contain benefin (Balan) on the market. Make applications at label rates and thoroughly water to wash herbicide down into the soil surface. Balan will not harm most nearby established ornamental trees and shrubs.
Banvel	dicamba	Selective, postemergence broadleaf weed control in established bermudagrass, Kentucky bluegrass, centipedegrass, perennial ryegrass, tall fescue, and zoysiagrass.	Banvel is mobile in the soil and can be absorbed by roots of ornamentals and trees leading to their injury or death. Never apply Banvel or herbicides containing Banvel within the drip line of ornamentals and trees.
Basagran	bentazon	Selective, postemergence control of yellow nutsedge in bermudagrass, bluegrass, centipedegrass, fescue, ryegrass, and St. Augustinegrass.	Apply when there are good soil moisture conditions. If needed, make additional applications at intervals of 10 to 14 days. Apply no more than 3 quarts Basagran per acre in one season. Avoid over-the-top spraying of adjacent ornamentals and trees.
Betasan, Betamec-4 Pre-san, etc.	bensulide	Selective preemergence grassy weed control in all established lawn grasses found in Oklahoma.	Betasan is labeled only for sale to use, and storage by service persons. There are several granular herbicide and fertilizer combinations that contain bensulide (Betasan) on the market. Make applications at label rates and thoroughly water to wash herbicide down into the soil surface.
Dacthal	DCPA	Selective, preemergence grassy weed control in all established lawn grasses found in Oklahoma.	There are several granular herbicide and fertilizer combinations that contain DCPA (Dacthal) on the market. Make applications at label rates and thoroughly water to wash herbicide down into the soil surface. Do not apply within the drip line of trees and ornamentals not listed on the label.
Devrinol	napropamide	Selective, preemergence grassy weed control in established bermudagrass, centipedegrass, St. Augustinegrass, and fescue.	Make applications at label rates and thoroughly water to wash herbicide down into the soil surface.
Diquat	diquat	Non-selective, postemergence, winter weed control in dormant bermudagrass.	Diquat is labeled for use on dormant bermudagrass turf and lawns by professional applicators only. Apply when temperature and moisture conditions favor rapid weed growth.