



OSU Extension Center  
 Tulsa County Master Gardener  
 4116 East 15<sup>th</sup> Street  
 Tulsa, OK 74112  
 918-746-3701



## Preemergent Herbicides and Commonly Available Brands

Chemical name	Example Brand name	Comments
<b>Dithiopyr*</b>	Green light crabgrass preventer Preen Stepsaver Weed Control Ace Green Turf Crabgrass Preventer Green Light Crabgrass Preventer Sta-Green Crab-Ex with Dimension	Excellent crabgrass and other weedy grass control. Good broad-leaf weed prevention. Safe for all local turf grasses. No reseeding for 2-6 months according to individual label.
<b>Pendimethilin*</b>	Halts Crabgrass preventer Scotts Crabgrass Preventer Scotts Super Turf Builder with Halts	Same as above
<b>Prodiamine*</b>	Barricade Pennington Crabgrass Preventer Ferti-lome Lawn Food and Weed Preventer	Same as above
<b>Benfin</b>	Pennington Crabgrass Preventer	Good annual bluegrass control, fair broad-leaf effect.
<b>Benfin + oryzalin</b>	Green Light Amaze Balan	Same as above
<b>Benfin + trifluralin</b>	Hi-Yield crabgrass control	Same as above
<b>Isoxaben</b>	Portrait	Excellent coverage of broad-leaved weeds. Does <b>not</b> prevent grassy weeds such as annual bluegrass ( <i>Poa annua</i> ) or crabgrass.
<b>* Best choice for control of both crabgrass and broadleaved weeds</b>		

Apply preemergent herbicides 2-3 times yearly, as allowed by the label. A mid February to mid March application helps prevent summer weeds. Depending on the product used, they help control several weedy grasses such as crabgrass and a number of common broadleaved weeds. Some brands labels suggest a second application 60 days after the first.

All the above herbicides, except isoxaben, are marketed for a springtime application to prevent crabgrass. However, many are active in preventing broadleaved weeds as well, and are very useful in the fall to prevent winter weeds.

Winter weeds such as henbit, annual bluegrass (*Poa annua*) and others are best controlled by applying herbicide between mid August through the first half of September.

These products are usually sold in granular form and are applied with a mechanical spreader. Liquid preparations are not generally available to the homeowner. They are safe to use on all Oklahoma lawns but are not effective unless they are watered into the turf, as directed on the label. This forms a protective barrier on the soil which kills the weed sprout. Do not use a preemergent herbicide if you plan on reseeding your lawn during the next few months. The duration of herbicide effect varies among the chemicals. 0212