

TURFGRASS WEED RESPONSE TO PREEMERGENCE HERBICIDES

| HERBICIDES | ANNUAL GRASSES | | | | ANNUAL BROADLEAVES | | | | | | | | | | PERENNIAL GRASSES | | | | PERENNIAL BROADLEAVES | | | | | | | | | | | | | | | |
|------------------------------------|------------------|-----------|------------|---------|--------------------|------------------|----------------|--------|------------|----------|-----------|---------------|---------|----------|-------------------|--------------|-------------|-------------|-----------------------|-----------|-----------|-------|------------|--------|-----------------|--------------------|-----------|-----------|------------|---------|---------------------|-------------|------------------|-------------------|
| | Annual bluegrass | Crabgrass | Goosegrass | Sandbur | Bittercress | Common Chickweed | Corn Speedwell | Henbit | Hop Clover | Knotweed | Lespedeza | Parsley Plant | Spurges | Spurweed | Bahiagrass | Bermudagrass | Dallisgrass | Tall Fescue | Clovers | Dandelion | Dichondra | Docks | Ground Ivy | Mallow | Mock Strawberry | Mouseear Chickweed | Pennywort | Plantains | Woodsorrel | Violets | Virginia Buttonweed | OTHER WEEDS | Nutsedge, Yellow | Wild Garlic/onion |
| atrazine (AAtrex) | E | F | | | E | E | E | E | E | E | E | E | E | | F | | | F | | F | G | G | | | | | E | G | E | | F | | | |
| benefin (Balan) | E | E | F | F | | G | E | G | | | | E | | | | | | | | | | | | | | E | | | | | | | | |
| benefin + oryzalin (XL) | E | E | F | G | | G | | G | | L | | E | G | | | | | | | | | | | | | | | | | | | | | |
| benefin + trifluralin (Team) | E | E | F | F | | | | | | | | E | | | | | | | | | | | | | | | | | | | | | | |
| bensulide (Betasan) | F | E | F | G | | | | | | G | G | E | | | | | | | | | | | | | | | | | | | | | | |
| bensulide + oxadiazon (Goose/Crab) | F | E | E | G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| dithiopyr (Dimension) | E | E | G | | E | E | G | E | | | | E | G | | | | | | | | | | | | | | | | | | | | | |
| ethofumesate (Prograss) | G | | | | | L | | | | | | | | | | F | | | | | | | | | | | | | | | | | | |
| fenamrol (Rubigan) | G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| indaziflam (Specticle) | E | E | E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| isoxaben (Gallery) | P | P | P | P | E | E | E | E | E | | | E | E | E | | | | | | | | | | | | | | | | | | | | |
| metolachlor (Pennant) | F | F | F | F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | F |
| oryzalin (Surflan) | G | E | G | G | | G | | G | | L | | G | E | | | | | | | | | | | | | | | | | | | | | |
| oxadiazon (Ronstar) | G | E | E | F | | P | G | P | G | G | G | E | F | P | | | | | | | | | | | | | | | | | | | | |
| pendimethalin (Lesco Pre-M, etc.) | G | E | G | G | | L | | L | | | | | G | | | | | | | | | | | | | | | | | | | | | |
| prodiamine (Barricade) | E | E | G | | | G | | G | | G | | | G | | | | | | | | | | | | | | | | | | | | | |
| siduron (Tupersan) | | G | P | | | | | | | P | | | P | | | F | | | | | | | | | | | | | | | | | | |
| simazine (Princep) | E | F | | | E | E | G | E | E | G | E | G | G | E | | | | F | | G | | | | | | E | | | | | | | | |

E = Excellent, ≥90% control. Good = 80% to 89% control. F = Fair, 70% to 79% control. P = Poor, <70% control.
 L = Weed species is listed on the herbicide label, but has not been evaluated by the University of Arkansas. _ = Weed response is not known.