

DIFFICULT WEED CONTROL FOR WICHITA COUNTY

Primary source:

Weed, Insect, and Disease Control in Turfgrass- Texas A&M AgriLife Extension – SC-039\_4/16

Some notations were taken from the respective herbicide labels.

**PRE-EMERGENTS\_\_EARLY SPRING** (late Feb, March) **FOR SOME SUMMER WEEDS**

ALWAYS READ AND FOLLOW LABEL DIRECTIONS

FOLLOW UP PRE-EMERGENT may be needed, depending on target weed, product used earlier this spring, and climatic conditions. Follow-up treatment may be needed for plants with prolonged, multiple “flushes) of seed over the growing season, i.e.  crabgrass, grassburr, Khaki Weed, etc.

**POST-EMERGENTS**

**NOTE: MOST BROADLEAVES WILL RESPOND TO POST APPLICATION OF:2,4-D, dicamba, metsulfuron, mecoprop**

|  |  |  |  |
| --- | --- | --- | --- |
| WEED ***broadleaves*** | Pre-emerge herbicides | Post emerge timingSee the label | Special LABEL considerations |
| **Bedstraw** | orazylin | Quinclorac diclobenil sulfentrazone |  |
| ***Bindweed*** *may germinate during season*  | Isoxaben orazylin (suppression) | triclopyr |  |
| Crabgrass *may germinate during season* | orazylin trifluralin pendimethalin prodiamine \*dithiopyr \*\*simazine  | quinclorac | \*Do not apply to Tifgreen (328) hybrid bermuda     \*\*read label for impact on lawn/turf/trees/shrubs*Crabgrass germinates from 57 to 64 °F at one inch soil depth…some not until 73 F.*  |
| Dallisgrass | \*Dithiopyr |  |  \*Do not apply to Tifgreen (328) hybrid bermuda  |
| ***Filaree*** | Isoxaben \*\*simazine | sulfentrazone |  \*\*read label for impact on lawn/turf/trees/shrubs |
| Goose grass | \*Dithiopyr pendimethalin \*\*simazine |   | \*Do not apply to Tifgreen (328) hybrid bermuda \*\*read label for impact on lawn/turf/trees/shrubs |
| Grassburr *may germinate during season* | Trifluralin \*dithiopyr pendimethalin |  \*\*Imazipac\*\*\*Nicosulfuron + metsufuron |  \*Do not apply to Tifgreen (328) hybrid Bermuda\*\*no haying for 7 days after application\*\*\*do not apply on annual grasses  |
| ***Khaki weed*** | isoxaben |   | May germinate throughout the summer, especially following rain or irrigation |
| ***Kochia*** | Trifluralin pendimethalin | sulfentrazone |   |
| Nutsedge purple  | Halosulfuron, imazaquin, orazylin | Quinclorac sulfosulfuron  |   |
| Nutsedge yellow  | S-metolachlor may delay spring greenup | Quinclorac sulfosulfuron sulfentrazone |  |
| ***Oxalis*** | \*Dithiopyr pendimethalin |   | \*Do not apply to Tifgreen (328) hybrid bermuda  |
| ***Pig weed*** | Trifluralin \*dithiopyr pendimethalin isoxaben \*\*simazine |   |  \*\*read label for impact on lawn/turf/trees/shrubs |
| ***Spurge*** | \*Dithiopyr pendimethalin |   | \*Do not apply to Tifgreen (328) hybrid bermuda  |
| ***Sunflower*** | isoxaben |   |   |

Tips for improved weed control:

1] healthy, dense turf is the best method for weed control

2] know what the label says for your turf type and your target weed

3] TIMING of application and plant stage listed on the label is critical

4] POST EMERGE herbicides provide best control when plants are young and actively growing

5] surfactants that are listed on the herbicide label are recommended

6] PRE-EMERGE herbicide control depends on uniform application and adequate activation (usually ½-1 inch water)

6] LABEL DIRECTIONS provides info for best control.

**PRE-EMERGENTS\_\_FALL TO SPRING APPLICATION for** WINTER WEEDS

**POST-EMERGENTS\_\_LATE FALL TO EARLY SPRING APPLICATION**

**NOTE: MOST BROADLEAVES WILL RESPOND TO POST APPLICATION OF:2,4-D, dicamba, metsulfuron, mecoprop**

|  |  |  |  |
| --- | --- | --- | --- |
| WEED ***broadleaves*** | Pre-emerge herbicides | Post emerge | Special LABEL considerations |
| Brome  grass *may germinate during season*  | Trifluralin \*Dithiopyr pendimethalin \*\*simazine  | sulfosulfuron |  \*Do not apply to Tifgreen (328) hybrid bermuda  \*\*read label for impact on lawn/turf/trees/shrubs |
| ***Chickweed*** | Trifluralin \*Dithiopyr isoxaben Orazylin \*\*simazine |  sulfosulfuron | \*Do not apply to Tifgreen (328) hybrid bermuda  \*\*read label for impact on lawn/turf/trees/shrubs |
| ***Dandelion*** |  \*Dithiopyr pendimethalin isoxaben |  Quinclorac sulfosulfuron sulfentrazone | \*Do not apply to Tifgreen (328) hybrid bermuda |
| ***Henbit*** | \*Dithiopyr pendimethalin isoxaben \*\*simazine |  Sulfentrazone \*\*\*\*2,4-D, dicamba, and mecoprop (MCPP)  |  \*Do not apply to Tifgreen (328) hybrid bermuda \*\*read label for impact on lawn/turf/trees/shrubs |

\*\*\*\*http://www.clemson.edu/extension/hgic/

**PRE-EMERGENTS\_\_EARLY FALL APPLICATION (late Sept, Oct.) for** WINTER WEEDS

**POST-EMERGENTS\_\_LATE FALL TO EARLY SPRING APPLICATION**

|  |  |  |  |
| --- | --- | --- | --- |
| WEED broadleaves | Pre-emerge herbicides | Post emerge 1st   timing | Special LABEL considerations |
| ***Bindweed*** *may germinate during season* | Isoxaben \*\*\*orazylin *(suppression)*\*\*simazine | triclopyr | \*\*read label for impact on lawn/turf/trees/shrubs \*\*\*not for grazing or forage for livestock on treated areas  |
| Crabgrass *may germinate during season* | Trifluralin \*DithiopyrPendimethalin |   |  \*Do not apply to Tifgreen (328) hybrid bermuda Crabgrass germinates from 57 to 64 °F at one inch soil depth…some not until 73 F.                                             |
| Grassburr *may germinate during season* | Trifluralin \*Dithiopyr Pendimethalin | \*\*Pastora |  \*Do not apply to Tifgreen (328) hybrid bermuda\*\*will only control what is present at the time of application and will cause temporary yellowing on Bermuda grass |
| Johnson grass | Trifluralin Pendimethalin  |  SulfosulfuronPastora |  Both pre-emergents only impacts seed, not rhizomes  |
| ***Mares Tail*** *may germinate during season* |  |  GrazonNext HL,Cimarron Max,Grazon P+D,Chaparral,Weedmaster |  \*Do not apply to Tifgreen (328) hybrid bermuda  \*\*\*not for grazing or forage for livestock on treated areasRefer to Extension Publication ERM-1466 for more information |
| ***Night shade*** |  | GrazonNext HL,Cimarron Max,Grazon P+D,Chaparral,\*\*\* | \*read label for impact on lawn/turf/trees/shrubs \*\*not for grazing or forage for livestock on treated areas\*\*\*Apply post-emergent when plants are flowering |
| ***Russian Thistle*** | TrifluralinIsoxaben \*\*simazine |   | \*\*read label for impact on lawn/turf/trees/shrubs  |
| ***Common Ragweed*** |  | GrazonNext HL,Cimarron Max,Grazon P+D,Chaparral, | \*\*read label for impact on lawn/turf/trees/shrubs   Refer to Extension Publication ERM-1466 for more information |
| ***Western Ragweed*** |  | GrazonNext HL,Cimarron Max,Grazon P+D,Chaparral, | \*\*read label for impact on lawn/turf/trees/shrubs Refer to Extension Publication ERM-1466 for more information |

Mention of pesticide products in this material does not constitute endorsement of any product. List is not conclusive.

For pasture weed control, obtain ERM-1466 at your county agent office or order at [www.agrilifebookstore.org/](http://www.agrilifebookstore.org/)

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