











Smutgrass Control

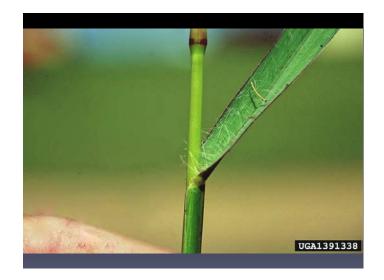
- Avoid overgrazing
- Mow infested areas to reduce seed production
- Correct fertility deficiences

Velpar for Smutgrass

- Group 5 herbicide Photosystem II inhibitor
- Bermudagrass and bahiagrass only
 - Rates: (2L formulation) 2.75 to 4.5 pints per acre
 - Rates: (75DF formulation) 8 to 12 oz/acre
 - Apply in late spring/early summer
- Grazing restriction: none
- Haying restriction: 38 days after treatment

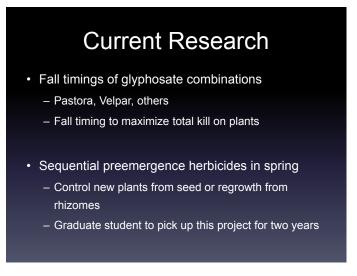




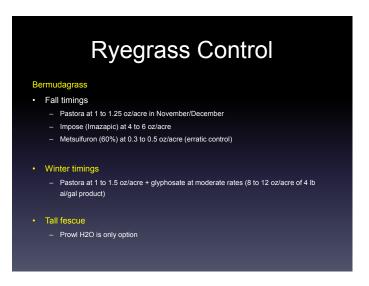




Knotroot Foxtail Control Prowl not effective Pastora + glyphosate (partial control/suppression) Spot treat glyphosate











Crabgrass Control

Bermudagrass

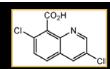
- •Preemergence control critical in hayfields
 - Prowl H2O (pendimethalin) at 3.1 to 4.2 qt/acre
 - Apply when soil temps are in low 50's
 - Make split applications after 8 weeks
- Postemergence control
 - Pastora: 1 to 1.5 oz/acre (early-POST)
 - Impose: 4 to 8 oz/acre (early to late POST)

Crabgrass Control



- Bahiagrass
 - Prowl applications (PRE control)
- · Tall fescue
 - PRE: Prowl H₂O in split applications
 - POST: Facet (quinclorac)

quinclorac (Facet)



- Restrictions
 - Harvesting: Do not cut within 7 days after treatment
 - Grazing: No waiting period following application
- Advantages
 - POST crabgrass and annual foxtail control in fescue and bermudagrass
 - Alternative mode of action to Pastora
- Disadvantages
 - Apply to grassy weeds that are 1 to 2 tiller or smaller
 - Maximum use rate is 64 fl oz/acre per year

Vaseygrass

- -Warm-season perennial weed
- -Native to South America



Vaseygrass

Cultural control

- Mowing suppress vegetative growth of vaseygrass and reduce seed production.
- · Grazing when plants are young.
- · Fertilizations after herbicide use

Vaseygrass Control

- Bermudagrass
 - Impose (imazapic) for young plants and suppression of mature populations.
 - Pastora + glyphosate requires two applications but may be injurious to bermudagrass during summer months.
 - Mowing ~ 3 weeks before herbicide applications may improve control
- Spot treatments or wick-bar applications of glyphosate can control vaseygrass.
- Perennial peanut Impose (imazapic) for selective control of vaseygrass.





Recommendations for Johnsongrass Control

- Bermudagrass
 - POST: Pastora, Impose, Outrider*
- Bahiagrass Outrider
- Legumes (depending on species see PCH)
 - POST: Poast, SelectMax, Raptor, Impose
- Tall Fescue
 - No Selective control options

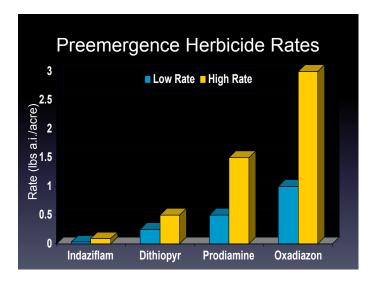
Make treatments in fall (if possible), use NIS at 0.25% v/v, mow and treat ~3 weeks later

indaziflam

Trade Name: Rezilon, others



- Mode of action: Cellulose synthesis inhibition
- Tolerant pasture grasses: bermudagrass and bahiagrass
- Research at UGA
 - ■Pasture grass tolerance and weed control
 - **■**Currently in process of registration













Indaziflam in Pastures

- Control of troublesome weeds
 - Goosegrass, crabgrass, foxtails
 - Early POST activity
- Resistance management
 - Alternative mode of action to Prowl H₂O
 - Rotation with Prowl (spring + fall)
 - Ryegrass resistance to POST herbicides

Label in review by EPA for pastures...... Stay tuned

