

Strategies for **Exotic Grass Control** in Restoration and Maintenance of Herbaceous Ground Cover

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WEED CONTROL *Unlimited, Inc.*

Bermuda

Bahia

Cogon



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Preserve, rehabilitate
and/or establish [desirable]
native ground cover



that is beneficial for
wildlife **and** consistent
with the ecosystem.





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PRACTICAL CONSIDERATIONS

SITE ASSESSMENT!!

- OBJECTIVE, complete observations
- Site history
- Presence of “untouchables” (NO-NOs)
- Infestation size, density and **DISTRIBUTION** and **AGE**
- **TYPE** of restoration: soil-seed bank vs plant
- **EXTENT** of restoration



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Know **WHERE** you want to go: **Site Objective**



FEASIBILITY ASSESSMENT

- Get the most bang for the buck
- Know when to **FOLD**
- Use **TRIAGE'** to establish priority for multiple sites/properties

HOW DO WE GET THERE?

It takes **TIME*** ...

THINK

IMPLEMENT

MODIFY

EVALUATE

*Repeat as necessary until desired result is obtained.

Bermudagrass, Cogongrass



PRIMARY TREATMENT STRATEGY:

HERBI-NUKAGE

6 244 M01 MF

CHOPPER[®]
herbicide

PEEL HERE →

For control of vegetation on forestry sites

| | | |
|-------------------|--|--------|
| ACTIVE INGREDIENT | glyphosate acid salt of amine (24.5% glyphosate acid salt) | 87.5% |
| INERT INGREDIENTS | water | 12.5% |
| TOTAL | | 100.0% |

EPA Reg. No. 241-206

U.S. Patent No. 4,798,819

EPA Est. No. 241-PB-002

**KEEP OUT OF REACH OF CHILDREN
CAUTION! ¡PRECAUCIÓN!**

See back for First Aid, Precautionary Statements, Directions for Use and Conditions of Sale and Warranty.

In case of an emergency endangering life or property
handling this product, call day or night 1-800-852-HELP (4357).

Net Contents: 2.5 Gallons
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200810
MVA 2002-05-130-0475

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BERMUDAGRASS/COGONGRASS

CHOPPER @ 48 oz/ac, minimum

- **BURN** in winter

- **Use MSO**

- If site limitations preclude the use of Chopper, consider **FOLDING**- abandon the site for restoration...depending on infestation level.

- **DO NOT TREAT** during drought conditions.

- Define the perimeter and **SQUEEZE**.

- **DO NOT DISTURB** with ineffectual treatments, mowing, cultivation.

BERMUDAGRASS

- Use 25 GPA minimum, esp coastal-**COVERAGE COUNTS**
- If weeds overtop the bermudagrass- treat with Garlon, 2,4-D, Escort, etc to **RELEASE the bermuda** prior to Chopper application.
- **Delay** application 1 growing season if site was cultivated (cropped) in previous year.
- Apply during periods of **ACTIVE** growth.

COGONGRASS

- Time prescribed fire to suppress seedhead production- very site specific.
- 40+ GPA, can't apply too much water
- Treat when **ACTIVELY** growing- PREFER late summer/fall
- Wait for sufficient regrowth- 2' minimum.
- Treat 5-10 ft around perimeter of spots
- Look (**SEARCH**) for satellite infestations.
- Monitor and treat 2X a year thereafter until...



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A photograph of a field of tall grasses, likely a meadow or prairie, with a line of trees in the background. The grasses are a mix of green and brown, suggesting a late summer or autumn setting. The text "Are we THERE yet?" is overlaid in yellow, bold, sans-serif font across the upper portion of the image.

Are we **THERE** yet?

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Bahiagrass

- Plants **easier to kill**....but look out for seed!
- No such thing as a PURE stand of bahia-almost always has bermuda embedded.
- Accord XRT, Escort, Chopper, Plateau
- Can be **SELECTIVELY** controlled in mixed populations with minimal impact on non-targets

KEY to SUCCESS...

- Look in the mirror- **you are the KEY.**
- DILIGENCE, PERSISTENCE, PATIENCE,
PERSERVERENCE...DETERMINATION