



Gowan[®]
The Go To Company

Permit
HERBICIDE

Yukon
HERBICIDE

Sandea
Herbicide

Gowan



Registered Crops – Delta:

- Sugarcane
- Field Corn
- Field Corn Grown for Seed
- Grain Sorghum



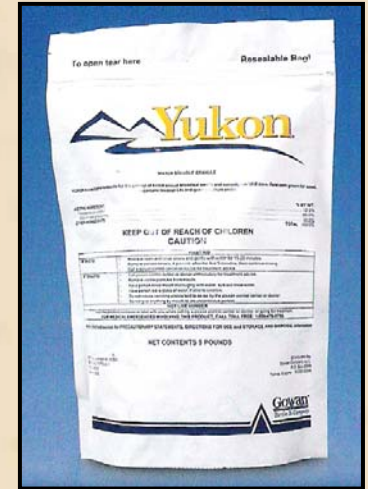
Product Specifics



✓ Powered by **Permit**
HERBICIDE

✓ Also contains sodium salt of dicamba

- 2nd herbicide mode of action
- Significantly enhanced broadleaf spectrum
- Allows application to slightly larger weeds
- Among least volatile forms of dicamba



✓ 67.5 DF formulation, i.e. 6 oz/ac of Yukon = 1 oz Permit + 6.6 oz dicamba per acre (basically the same cost as 1 oz. of Permit)

✓ Translocated, residual, mix-compatible herbicide



Yellow Nutsedge (*Cyperus esculentus* L.)



Purple Nutsedge (*Cyperus rotundus* L.)





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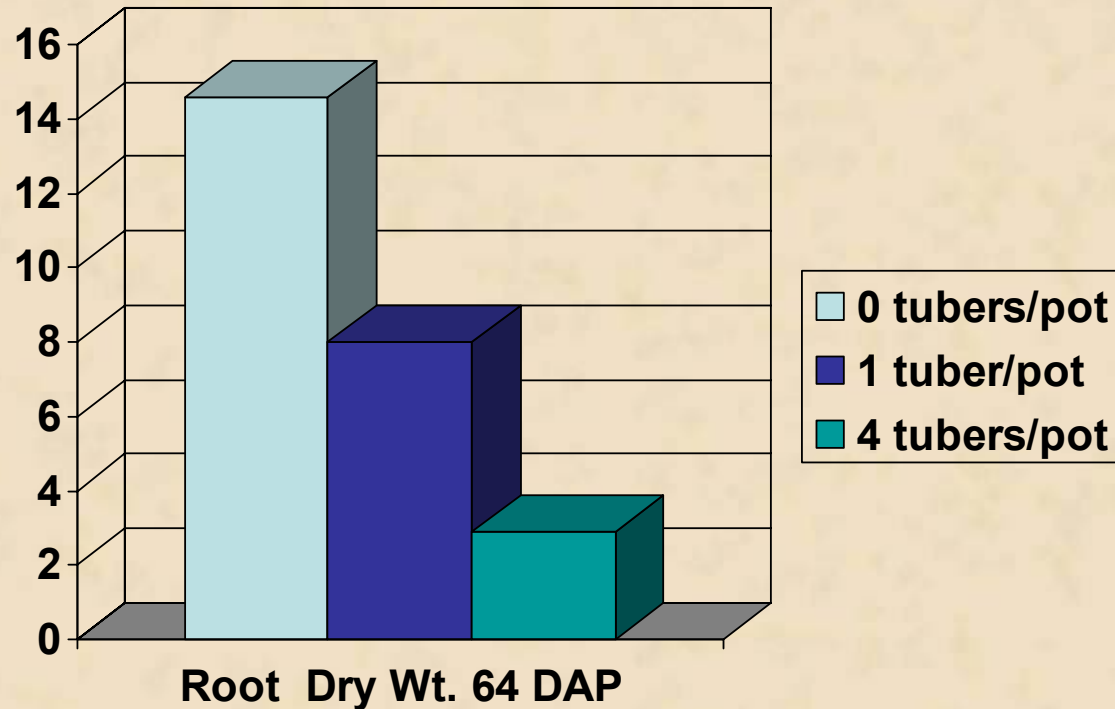
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Effects of purple nutsedge on a single node sugarcane segment

(Pot study conducted by Dr. Jim Griffin and Luke Etherridge on LCP 85-384)



Pot size: 7 gal./ 1 sq. ft. surface area. Measurements in grams.

Weed Competition – Plant Cane

- Weeds Compete for Moisture
- Weeds Compete for Nutrients
- Have negative effect on sugarcane root development on shoot count



Permit /Yukon Fit in Sugarcane

- **Fallow**

- Reduce nutsedge tuber production
- Reduce green material turned under at planting
- Very complimentary in a tank-mix with glyphosate for broad spectrum fallow program (morningglory, nutsedge, other tough to control broadleaf weeds)



Permit /Yukon Fit in Sugarcane

- **Plant Cane**

- Command releases nutsedge; Permit / Yukon are proven to have the best activity on both yellow and purple nutsedge
- Permit / Yukon applications will reduce nutsedge tuber production resulting in less nutsedge competition in the spring as sugarcane emerges from the winter dormant period
- Should be applied around 6 weeks after sugarcane emerges. Tankmix flexible with herbicides.



Permit /Yukon Fit in Sugarcane

- **Fall Application on Stubble Cane**
 - Permit / Yukon applications will reduce nutsedge tuber production resulting in less nutsedge competition in the spring as sugarcane emerges from the winter dormant period
 - Should be applied around 6 weeks after sugarcane regrowth occurs



Eptam[®] Selective Herbicide

- Under evaluation for use in fallow cane ground for the control of nutsedge, bermudagrass, and seedling Johnsongrass
- Current label does not allow for fallow applications nor is it labeled for sugarcane
- SLN labels in ID, AZ, OR, & CA for fallow use with a 90 day plantback restriction
- Gowan Company has submitted for fallow use on the federal label that would allow for 45 day plantback...no word yet



Thank you!!!

