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Yuma™ Herbicide provides excellent control of annual and perennial grasses across a wide array of crops.

Yuma - Bring the heat!

Technical Bulletin



Gowan™
CANADA

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Always read and follow label directions.



INTRODUCTION

Yuma Herbicide is a highly selective, post emergence herbicide tool that controls a broad range of annual and perennial grasses commonly found in field crop production.

KEY BENEFITS

- Consistent control of tough annual and perennial grasses
- Reliable control of volunteer cereals and wild oats
- Effective volunteer corn control
- Excellent crop safety on all labeled crops
- Rainfast in 1 hour
- Tank mix compatible

MODE OF ACTION



Yuma Herbicide belongs to a class of herbicides called ACC-ase inhibitors, also known as Group 1 herbicides. Once applied, these herbicides are rapidly taken up by the foliage and translocated to the growing point of the grassy weed. There, they block the activity of the enzyme Acetyl CoA Carboxylase (“Acc-ase”), and ultimately compromise the integrity of cell membranes which stops new plant growth. Treated plants are characterized by having a yellow (chlorotic) progressing to brown/black (necrotic) leaf tissue and whorls that are easily removed from the rest of the plant generally within 7-14 days of application (see photo).

RESISTANCE MANAGEMENT

Yuma is a Group 1 herbicide. To delay herbicide resistance:

- Rotate use of Yuma Herbicide and other Group 1 herbicides with different herbicide Groups
- Use tank mixtures with herbicides from different Groups
- Utilize IPM program
- Monitor treated weed populations
- Contact certified crop advisor or representative for additional management recommendations



KEY WEEDS AND APPLICATION RATES

Grass Weeds	Size at Application	Recommended Rate of Yuma
Green Foxtail	2-Leaf to Early Tillering	154 ml/a (0.38 l/ha)
Volunteer Barley	2-Leaf to Early Tillering	154 ml/a (0.38 l/ha)
Volunteer Corn	2-6 Leaf	154 ml/a (0.38 l/ha)
Volunteer Oats	2-Leaf to Early Tillering	154 ml/a (0.38 l/ha)
Volunteer Wheat	2-Leaf to Early Tillering	154 ml/a (0.38 l/ha)
Wild Oats	1-5 Leaf Without Tillers	154 ml/a (0.38 l/ha)
All Weeds Listed Above and:		
Volunteer Cereals	2-Leaf to Early Tillering	202 ml/a (0.5 l/ha)
Barnyard Grass	2-Leaf to Early Tillering	202 ml/a (0.5 l/ha)
Wild Oats	1-5 Leaf to Early Tillering*	202 ml/a (0.5 l/ha)
Fall Panicum	2-Leaf to Early Tillering	202 ml/a (0.5 l/ha)
Old Witchgrass	2-Leaf to Early Tillering	202 ml/a (0.5 l/ha)
Proso Millet	2-Leaf to Early Tillering	202 ml/a (0.5 l/ha)
Green Foxtail	2-Leaf to Early Tillering	202 ml/a (0.5 l/ha)
Yellow Foxtail	2-Leaf to Early Tillering	202 ml/a (0.5 l/ha)
Quackgrass (suppression)	2-6 Leaf	202 ml/a (0.5 l/ha)
All Weeds Listed Above and:		
Quackgrass (control)	2-6 Leaf	304 ml/a (0.75 l/ha)

*Best results for volunteer/wild oats if application is made before tillering begins.

ADJUVANT GUIDELINES

- Must add Crop Oil Concentrate (COC). Use 5-10 litres per 1,000 litres of spray solution.
- Use higher rate of adjuvant:
 1. For wild oats or quackgrass.
 2. When conditions do not favor optimal weed growth.

OTHER APPLICATION INFORMATION

- Do not apply to standing water
- Do not apply during conditions that favour spray drift
- Do not apply Yuma Herbicide through irrigation systems
- Apply to actively growing weeds that are free of stress
- Yuma Herbicide can be tank-mixed with common insecticides and fungicides labeled for use on soybeans
- Do not cultivate for at least 7 days after an application of Yuma Herbicide
- Make sure to thoroughly clean application equipment before and after use

CROPS



- Canola
- Mustard (Condiment & Oriental)
- Chickpeas (W. Canada)
- Lentils
- Peas (Field)
- Dry Beans
- Snap Beans
- Seed Alfalfa
- Seedling Legumes for Seed
- Creeping Red Fescue for Seed (Seedling & Established)
- Flax
- Soybeans
- Sugarbeets
- Lima, Adzuki, Mung Beans (ON)
- Rutabagas (ON & QB)
- Industrial Hemp for Fibre (ON)

Exclusive Distribution by



For additional product information, contact UAP Canada.
Western Canada 800.561.5444 | Eastern Canada 800.265.5444