

Training Deck

RAISING THE
PREEMERGENCE BAR,
ONE CLEAN ROW
AT A TIME.

Classification: PUBLIC

SLC 14213A 01-2022



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TENDOVO: Performance Redefined

- Keep soybean fields **cleaner, longer** with 3 sites of action.
- **Broad spectrum** residual weed control of more than 70 weed species – allowing for more timely post-emergence applications.
- **Flexibility** for any soybean production system
 - Roundup Ready®, LibertyLink®, Non-GMO, Enlist E3® Soybean, Roundup Ready 2 Yield®, XtendFlex® soybean trait platforms
 - Conventional tillage, no-tillage, and reduced-tillage systems
- Crop **safety** across soil types and geographies
- Solid **foundation** to full-season weed management



Untreated

TENDOVO™
2.1 qt/a

IL - 2020 - Syngenta Trial - 35 DAE - USNH0H0602020 - HSM052C4-2020US

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TENDOVO: What Makes It Different than Boundary ?

Product Attributes	Boundary	Tendovo
Contains S-metolachlor (Group 15)	+	+
Contains Metribuzin (Group 5)	+	+
Contains Cloransulam (Group 2)	×	+
Annual Grass Control (i.e. green/yellow/giant foxtail, fall panicum, barnyardgrass, etc)	+	+
Small-Seeded Broadleaf Weed Control (i.e. Amaranthus sp., pigweed)	+	+
Large-Seeded Broadleaf Weed Control (i.e. giant/common ragweed, velvetleaf, morningglory, sicklepod, etc)	×	+
Enhanced S-metolachlor Rate	×	+
Multiple Effective Sites of Action	+	+
Excellent Crop Safety	+	+



TENDOVO™
2.35 qt/a



**Boundary® 6.5
EC**
2 pt/a

IA – 2020 – Syngenta Trial
USNR0H3042020
HSM052C4-2020US

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TENDOVO: Improved Residual Weed Control from Syngenta



TENDOVO™



Boundary® 6.5 EC



BroadAxe® XC

2021 – Syngenta Trials - HSM052C4 - 2021U, IL – USNH0H0612021 – 21 DAE, Use Rates: Tendovo 2.1 qt/a; Boundary 2.4 pt/a; Broadaxe XC 32 oz/a, Weeds Present: Velvetleaf, Morningglory, Cocklebur, and Waterhemp

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TENDOVO: Use Rates and Recommendations

- **Robust rates for optimum residual weed control and yield protection**
- **Flexibility across soil types and geographies**
- **Use higher end of the rate range when:**
 - Field has a history of severe weed pressure
 - Making early preplant applications
 - Organic matter content is $\geq 3\%$
 - Heavy crop residue are present on the soil surface
- **Add burndown herbicide(s) to TENDOVO™ herbicide when weeds are present at the time of application.**

Soil Classification	TENDOVO™ Rate
	quart/acre
Coarse	1.2-1.5
Medium	1.5-2.1
Fine	1.75-2.35

Soil Classifications		
Coarse	Medium	Fine
Loamy sand	Loam	Clay
Sand	Silt	Clay Loam
Sandy Loam	Silt Loam	Silty Clay
	Sandy Clay	Silty Clay Loam
	Sandy Clay Loam	Silty Clay

Classification: PUBLIC

CruiserMaxx APX

Supercharged Protection. From Day One.









syngenta[®]

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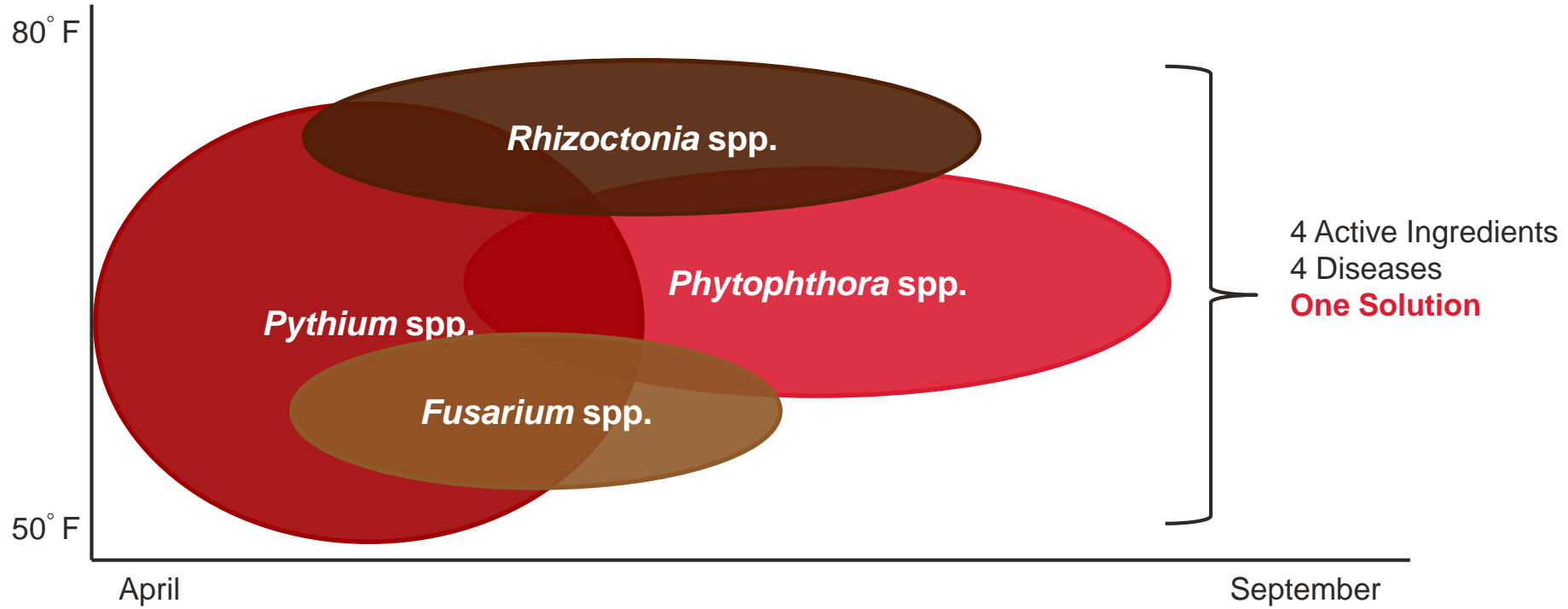
®

What powers CruiserMaxx APX?

	Active Ingredient	Target Pests
	Thiamethoxam	Broad spectrum, early season insect protection plus patented Cruiser Vigor Effect
	Mefenoxam	Early season Pythium and Phytophthora protection
	Fludioxonil	Early season Fusarium, Rhizoctonia, seed rot and seed borne disease protection
	Sedaxane	Superior Rhizoctonia protection and enhanced root growth
	Picarbutrazox (PCBX)	A novel mode of action with the most robust Pythium and Phytophthora protection available from one compound in soybeans.



Key Soybean Seedling Diseases



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CruiserMaxx[®] APX

Supercharged Protection. From Day One.

- ⚡ Superior protection against early-season insects and diseases, including *Pythium* and *Phytophthora*
- ⚡ Increased plant vigor and enhanced root health benefits, maximizing water and nutrient uptake
- ⚡ Optimized formulation to help ensure uniform coverage and superior plantability



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EPA Proposed Interim Decision for Paraquat

Restricting aerial applicators to 350 acres per day with exception of cotton and soybean desiccation

Prohibiting pressurized handgun and backpack sprayer application methods on the label;

Limiting the maximum application rate for alfalfa to one pound of active ingredient per acre;

Requiring enclosed cabs if area treated in 24-hour period is more than 80 acres;

Requiring enclosed cabs or PF10 respirators if area treated in 24-hour period is 80 acres or less;

Requiring a residential area drift buffer and 7-day restricted entry interval (REI) for cotton desiccation;

Requiring a 48-hour REI for all crops and uses except cotton desiccation;

Adding mandatory spray drift management label language;

Proposing to allow truck drivers who are not certified applicators to transport previously opened paraquat containers when certain conditions are met.

Gramoxone Label Changes

- Federal label with proposed changes was received in December 2022
- Formularies of paraquat have grace period of 12 months to make necessary changes to new and existing inventories
- Based on timing of new label will operate under the old/existing label in the meantime

Dual and Boundary Herbicides in Sugarcane

Registration

*Dual = S-metolachlor (Group 15) – mixed part of Lumax EZ®

*Proved ryegrass control

*Sedges and small seed broadleaves



Boundary® herbicide controls a variety of weeds, including:

Contains two active ingredients:

S-metolachlor (5.25 lb a.i./gal)

Metribuzin (1.25 lb a.i./gal)

Other benefits:

Convenient to handle EC formulation (emulsifiable concentrate)

Annual broadleaves

Grasses

Sedges



Provides two different modes of action:

Group 15 (Chloroacetamides – shoot inhibitor)

Group 5 (Triazines – photosynthesis inhibitors)

Boundary Labeled in Sugarcane

Sugarcane		
Application Timing	Rate (pt/A)	Use Directions
<p>Preplant Surface</p> <p>Preemergence</p> <p>Postemergence</p>	<p>1.5 to 3.0 pt/A [0.98 – 1.97 lb./A S-metolachlor and 0.23 – 0.47 lb./A metribuzin]</p>	<p>Dry weather following Boundary 6.5EC application may reduce effectiveness.</p> <p>Preplant Application: Apply prior to planting of cane.</p> <p>Preemergence Application: Apply after planting of cane but prior to crop emergence.</p> <p>Application can also be made after harvest of ratoon cane.</p> <p>Postemergence Application: Spray contact with sugarcane foliage may result in minor leaf margin chlorosis and/or necrosis.</p> <p>The addition of a spray adjuvants such as crop oil concentrates (COC's) or methylated seed oils (MSO's) can increase the risk of crop injury.</p>
USE RESTRICTIONS		
<p>1) Maximum Single Application Rate: 3.0 pt/A (1.97 lb./A S-metolachlor and 0.47 lb./A metribuzin)</p> <p>2) DO NOT apply more than two applications of Boundary 6.5EC per year</p> <p>3) Minimum Application Interval: 2 weeks</p>		

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