



HERBICIDE

INSECTICIDE

FUNGICIDE

PROTECT YOUR  
**CEREALS**

ADAMA

## FUNGICIDE

# TOPNOTCH™

Unique azoxystrobin and propiconazole formulation to provide broad-spectrum protection against cereal leaf diseases.

**ACTIVE INGREDIENTS:** Azoxystrobin and propiconazole

**CHEMISTRY GROUPS:** Group 3 (propiconazole) and Group 11 (azoxystrobin)

### APPLICATION RATES AND PACKAGING:

- 212 ml/ac or 80 ac/case
- 2 x 8.6 L jugs/case

### REGISTERED AND SUPPORTED CROPS:

- Barley
- Oats
- Rye
- Soybeans
- Triticale
- Wheat

### KEY DISEASES CONTROLLED:

- Anthracnose
- Ascochyta
- Barley leaf rust
- Mycosphaerella blight
- Net and spot blotches
- Powdery mildew
- Scald
- Septoria spot
- Stripe rust
- Tan spot
- Wheat leaf rust
- White mould

### HOW IT WORKS:

Used as both a curative and preventative fungicide, TOPNOTCH™ has broad-spectrum, systemic and contact activity.

### WATER VOLUME:

- Ground: minimum 40 L/ac
- Aerial: 18 L/ac

### RAINFASTNESS:

None specified.



## FUNGICIDE

# TOPNOTCH™



### APPLICATION TIMING AND CROP STAGING:

Crop	Diseases	Application Timing	Rate
Barley	Barley net blotch, Barley scald, Septoria leaf spot, Stripe rust, Barley leaf rust, Tan spot	Apply once between stem elongation and half-head emergence (Growth stage 29 – 55).	0.21 L/ac
Oats	Barley net blotch, Crown rust, Septoria leaf spot	Apply once between stem elongation and half-head emergence (Growth stage 29 – 55).	0.21 L/ac
Rye	Septoria leaf spot, Barley scald, Tan spot	Apply once between stem elongation and half-head emergence (Growth stage 29 – 55).	0.21 L/ac
Soybeans	Anthrachnose, Mycosphaerella blight, Powdery mildew, White mould	Apply at first sign of disease.	0.31 – 0.62 L/ac
Triticale	Septoria leaf spot, Tan spot	Apply once between stem elongation and half-head emergence (Growth stage 29 – 55).	0.21 L/ac
Wheat	Septoria leaf spot, Tan spot, Stripe rust, Wheat leaf rust	Apply once between stem elongation and half-head emergence (Growth stage 29 – 55).	0.21 L/ac

### SUPPORTED TANK MIXES:

#### Herbicides:

- Touchdown Total®
- Traxion™

#### Insecticides:

- Lambda-cyhalothrin (SILENCER® 120 EC, Matador®)

#### Fungicides:

- Quadris®

### MIXING INSTRUCTIONS:

1. Fill spray tank ½ – ¾ full with water.
2. With agitator running, add required amount of TOPNOTCH™ and continue agitating while adding remainder of the water.
3. Begin application after TOPNOTCH™ is completely dispersed into the mix water, and maintain agitation during spraying operation.

### CROP ROTATIONS:

Do not plant any other crop intended for food, grazing or any component of animal feed or bedding within 105 days of application.

### PRE-HARVEST INTERVAL:

45 days

### GRAZING RESTRICTIONS:

No restrictions.

### STORAGE:

Do not store below 0 C.

# CEREALS GROWTH STAGES

**LEGEND**

- WINTER WHEAT    ○ WHEAT
- BARLEY        □ OATS
- ▲ RYE            △ CORN

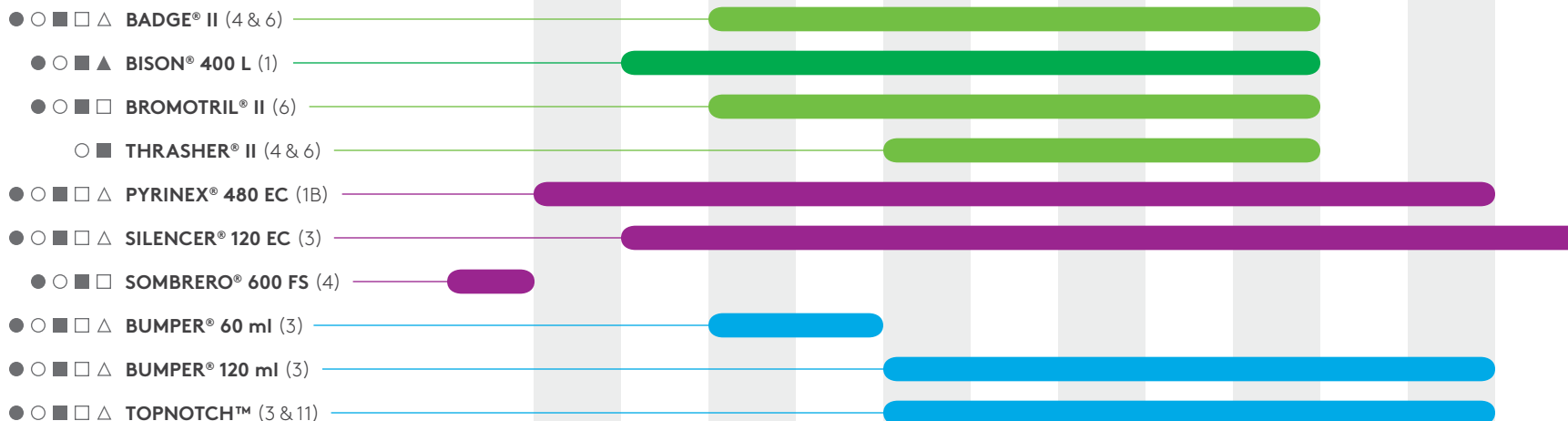
- HERBICIDE BROADLEAF
- HERBICIDE GRASSES
- INSECTICIDE
- FUNGICIDE



**GROWTH STAGE**                      SEED TREATMENT    PRE-SEED    1    2    3    4    5    6    7    8    9    10    10.1    10.5    11

FLAG                      HEADING                      RIPENING

## PRODUCT (GROUP #)



Timing based on using the product alone. Please refer to tank-mix partners label for crop timing.

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 Always read and follow label directions.

## HERBICIDE

## PRODUCT NAME

Active Ingredient

## Group

## Replaces

## Case Package Size

Acres Treated

## Registered/Supported Crops

## Crop Staging

## Key Pests

## Pest Staging

## Tank-Mix Options

## Rate

## Rainfastness

## Mixing Instructions

## Re-Entry Period

## Pre-Harvest Interval

## Additional Info

<b>BADGE® II</b> Bromoxynil, MCPA Ester	<b>BISON® 400 L</b> Tralkoxydim	<b>BROMOTRIL® II</b> Bromoxynil	<b>THRASHER® II</b> Bromoxynil, 2,4-D Ester
4,6	1	6	4,6
<b>Buctril M</b>	<b>Liquid Achieve™</b>	<b>Pardner®</b>	<b>Thumper®</b>
<b>2 x 10 L</b> 40 ac/case	<b>8 L + 8 L Addit®</b> 40 ac/case	<b>2 x 9.7 L</b> 40 ac/case	<b>2 x 10 L</b> 40 ac/case
all wheat, barley, canary seed, corn, flax, oats, rye, selected grasses	all wheat, barley, rye, triticale	all wheat, alfalfa, barley, canary seed, corn, garlic, oats, onions, fall rye, triticale	wheat <sup>s</sup> , barley
2 leaf – flag	2 leaf – flag	up to flag leaf, weed dependent (see label)	4 leaf – flag leaf
30+ weeds including: wild buckwheat, volunteer canola, lamb's quarters, stinkweed, cow cockle, flixweed	foxtail <sup>gy</sup> , volunteer oats, wild oats, barnyard grass, Persian darnel	pigweed, nightshade, smartweed, wild buckwheat	kochia, Russian thistle, wild buckwheat, volunteer canola
up to 8 leaf for many weeds (see label)	oats (volunteer, wild): 1 – 6 leaf; barnyard grass, Persian darnel: 1 – 4 leaf; foxtail <sup>gy</sup> : 1 – 5 leaf	up to 8 leaf, weed dependent (see label)	4 leaf stage for most (see label)
BISON® 400 L, Avenge®	Attain™, MCPA, BADGE® II, THRASHER® II	Atrazine, Banvel® II, Accent®, MCPA, 2,4-D	BISON® 400 L, Avenge®
20 ac/jug	40 ac/case	34 – 40 ac/jug	20 ac/jug
1 hour	1 hour	30 minutes	1 hour
dry/BADGE® II all others BADGE® II first	0.5 L Addit/100 L of water	follow label	dry first (if using) THRASHER® II first with all others
–	–	–	–
flax or soloin – 60 days	60 days	30 days	30 days
gentle on crop, avoid application above 25 C	wide window of application	avoid spraying above 25 C at application or if frost has occurred within 3 days	spray when weeds are in seedling stage before crop shields the weeds

<sup>w</sup>winter wheat | <sup>s</sup>spring wheat | <sup>d</sup>durum wheat | <sup>g</sup>green foxtail | <sup>y</sup>yellow foxtail

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INSECTICIDE	FUNGICIDE			
<b>PYRINEX® 480 EC</b> Chlorpyrifos	<b>SILENCER® 120 EC</b> Lamba-cyhalothrin	<b>SOMBRERO® 600 FS</b> Imidacloprid	<b>BUMPER®</b> Propiconazole	<b>TOPNOTCH™</b> Azoxystrobin & Propiconazole
<b>1B</b>	<b>3</b>	<b>4</b>	<b>3</b>	<b>3,11</b>
<b>Lorsban®</b>	<b>Matador®</b>	<b>Stress Shield®</b>	<b>Tilt®</b>	<b>Unique to ADAMA</b>
<b>2 x 10 L</b> 34 – 84 ac/case	<b>4 x 3.785 L</b> 296 – 880 ac/case	<b>8 x 1.54 L</b> crop dependent (see label)	<b>2 x 4.8 L</b> 80 – 160 ac/case	<b>2 x 8.6 L</b> 80 ac/case
canola, cereals, corn, potatoes, fruits, vegetables; registered on over 30 crops (see label)	cereals, tree fruits, strawberries, potatoes, tobacco, tomatoes, soybeans, etc.; registered on over 50 crops (see label)	canola, mustard, field corn, soybeans, cereals	peaches, plums, cherries, blueberries, strawberries, asparagus, cereals, canola, corn, beans, soybeans	barley, oats, rye, triticale, wheat
any stage	any stage	seed treatment	surface and systemic protection (see tank-mix partner labels if spraying at herbicide timing) varies by crop	preventative, systemic, curative G.S. 29 – 45
cutworm, armyworm, midge, diamondback moth larvae	flea beetle, hoppers, weevil, lygus, diamondback moth larvae, cutworms, aphids, bertha armyworm	flea beetle, wireworm, aphids, bean leaf beetle, seed corn maggot	rusts, blotches, powdery mildew, blight, black knot, brown rot, mummy berry, scalds, tan spot, septoria spot	leaf spots and rust, scalds, blackleg
when insects are present	when insects are present	used as a protective seed treatment	timing is dependent on crop staging (see label)	apply at first sign of disease
Banvel®, BADGE® II, MCPA, 2,4-D Ester/Amine	BISON® 400 L, BUMPER®	Raxil®, Apron-Maxx® RTA®	2,4-D, MCPA, BADGE® II, SILENCER® 120 EC, BROMOTRIL® II	SILENCER® 120 EC
varies by crop and pest (see label)	17 – 51 ml/ac (see label for rates by crop)	canola: 300 – 600 mls/100 lbs; corn: 21.3 – 80 mls per 80,000 seeds; cereals: 7.7 – 22.7 mls/100 lbs; soybeans 47 – 94 mls/100 lbs	40 ac/jug; split application for cereals	215 ml/ac
4 – 6 hours	fast acting	on seed	1 hour	delay if imminent
herbicide or fungicide first	varies by crop and use pattern (see label)	premix slurry	do not mix with copper products; jar test	maintain agitation; min 20 L/ac
24 hours	24 hours	–	12 hours	12 hours
varies by crop (see label)	varies by crop (see label)	–	varies by crop (see label)	45 days
tough insect control for many crops	for best results apply below 25 C	apply at 10 C or warmer due to high viscosity	superior formulation	2 modes of action











It's that simple.

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