



ADAMA

PROTECT YOUR SOYBEANS

HERBICIDE

INSECTICIDE

FUNGICIDE

DAVAI® 80 SL

Broadleaf and grassy weed control in a convenient package that allows for flexible tank-mix options in peas, dry beans and soybeans.



ACTIVE INGREDIENT:

Imazamox 80 g/L

HERBICIDE GROUP:

Group 2

APPLICATION RATES AND ACRES TREATED:

- Rate: 100 ml/ac
- Acres Treated: 80 ac/jug

PACKAGING:

- Case: 2 x 8 L jugs

REGISTERED CROPS:

- Dry beans
- Peas
- Soybeans

KEY BENEFITS:

- Controls Roundup Ready® Canola in Roundup Ready® Soybeans
- Customizable tank-mix options
- Excellent re-cropping options
- Proven broadleaf and grass control
- Concentrated formula means less packaging

KEY WEEDS CONTROLLED:

Broadleaf weeds

(Cotyledon to 4 leaf stage):

- Cleavers¹
- Cow cockle
- Flixweed
- Green smartweed
- Lamb's quarters
- Persian dandel
- Redroot pigweed
- Shepherd's purse
- Stinkweed
- Stork's bill
- Volunteer canola (non-Clearfield® varieties)
- Wild buckwheat¹
- Wild mustard

¹Suppression

Grass weeds

(1–4 true leaf stage or early tillering):

- Barnyard grass
- Green foxtail
- Japanese brome grass¹
- Volunteer barley
- Volunteer canary seed
- Volunteer tame oats
- Volunteer wheat
- Wild oats
- Yellow foxtail

HOW IT WORKS:

DAVAI® 80 SL is readily absorbed through both leaf and root uptake and it is translocated in the plant to inhibit amino acid production and cell division. Plant growth is inhibited, and a few days after application, chlorosis and terminal bud death become evident. Leaves and stems become yellow and purple, and root growth may be inhibited. Crop competition is quickly reduced, although complete plant death is relatively slow.

SUPPORTED TANK MIXES:

- | | |
|-------------------|-------------------|
| · ARROW ALL IN® | · Broadloom® |
| · ARROW® 240 EC | · Leopard® |
| · Basagran® Forté | · PHANTOM® 240 SL |

MIXING INSTRUCTIONS:

1. Use 40 L/ac (10 US gal/ac) of water.
2. Use a 50-mesh (or coarser) filter screen.
3. Fill the spray tank $\frac{3}{4}$ full with water.
4. Add the required amount of DAVAI® 80 SL herbicide solution directly into the sprayer through the tank opening.
5. Agitate until herbicide is thoroughly mixed.
6. Continue agitation and add the required amount of the tank-mix partner.
7. Continue agitation while adding the required amount of recommended adjuvant.
8. If excess foaming occurs, a silicone anti-foaming agent may be added (e.g. Halt®).
9. Complete filling the tank to the desired level with water.

CROP ROTATIONS:

- | | |
|---------------|--------------------------|
| · Barley | · Lentils |
| · Canary seed | · Oats |
| · Canola* | · Peas |
| · Chickpeas | · Soybeans |
| · Corn | · Clearfield® sunflowers |
| · Flax | · Wheat (spring, durum) |

*If less than 150 mm of rainfall between time of application and August 15th, it is strongly recommended to refrain from growing canola the following year.

PRE-HARVEST INTERVALS:

- Peas: 60 days
- Dry beans: 75 days
- Soybeans: 85 days

GRAZING RESTRICTIONS:

Do not graze treated crop. Peas may be fed to livestock 30 days after application.

STORAGE:

Do not freeze.

ADJUVANT RATES:

- 0.5% v/v Methylated Seed Oil
- 0.25% v/v Nonionic Surfactant

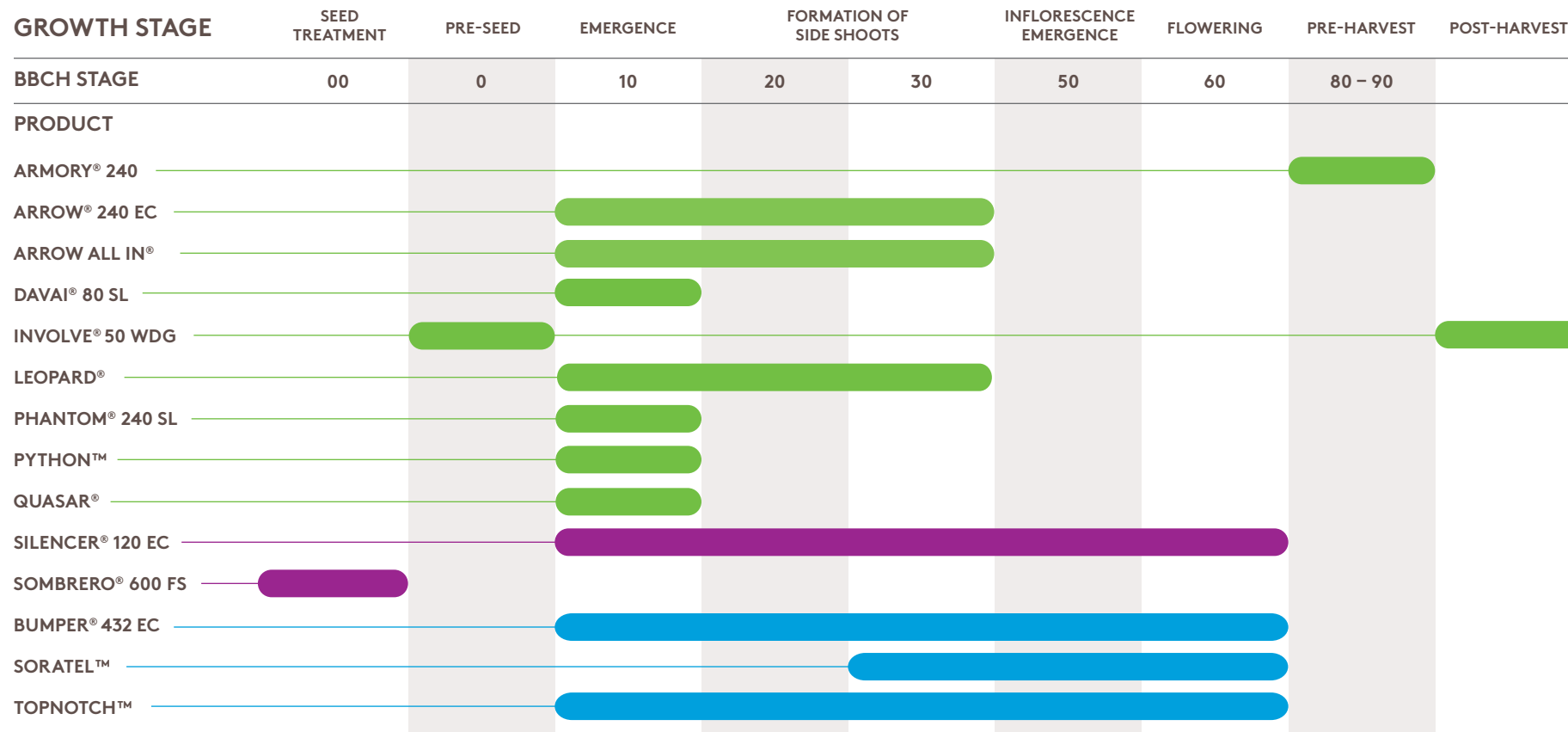
QUICK TIPS

Cool weather conditions or drought will delay herbicidal activity and if prolonged, may result in poor weed control. Use of DAVAI® 80 SL herbicide in hot, humid weather may result in temporary leaf yellowing, leaf flecking, bronzing or burning. The crop usually outgrows this condition within 10 days. When weeds are stressed due to drought, flooding, hot or prolonged cool temperatures (15° C or less), control can be reduced or delayed since weeds are not actively growing. Weed escapes or regrowth may occur under prolonged stress conditions or low fertility. Do not make applications to weeds stressed longer than 20 days due to lack of moisture, as unsatisfactory control can result.

SOYBEAN GROWTH STAGES

LEGEND

- HERBICIDE
- INSECTICIDE
- FUNGICIDE

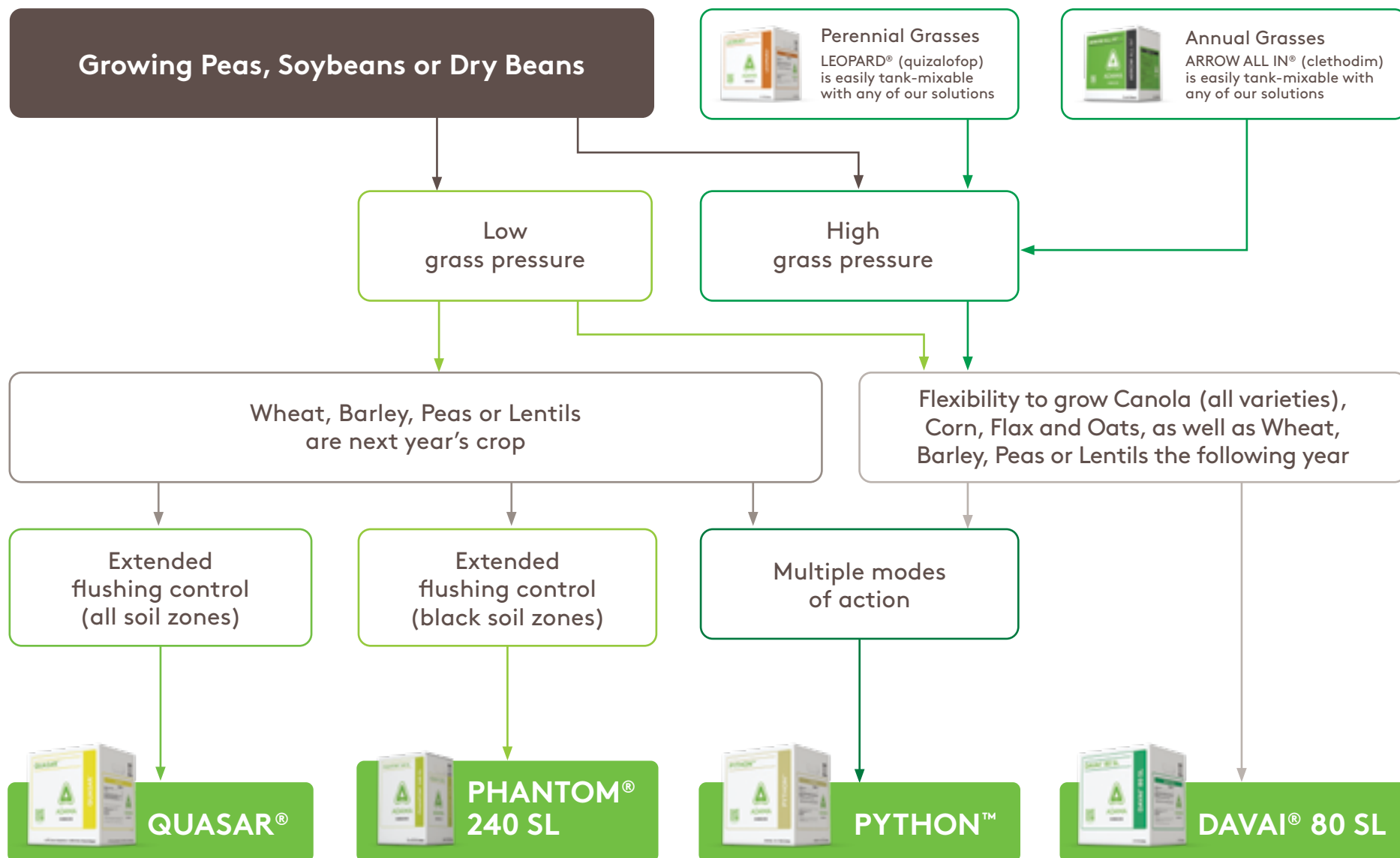


Timing based on using the product alone. Please refer to tank-mix partners label for crop timing.

 Always read and follow label directions.



HERBICIDE DECISION TREE



WESTERN CANADA

| PRODUCT NAME Active Ingredient |
|-------------------------------------|
| Group |
| Replaces |
| Case Package Size Acres Treated |
| Crop Staging |
| Key Pests or Diseases Controlled |
| Pest Staging |
| Tank-Mix Options |
| Rate (when used alone) |
| Rainfastness |
| Mixing Instructions |
| Re-Entry Period |
| Pre-Harvest Interval |
| Additional Info |

| HERBICIDES | | | |
|--|---|---|---|
| ARMORY® 240 Diquat | ARROW® 240 EC Clethodim | ARROW ALL IN® Clethodim | DAVAI® 80 SL Imazamox |
| 22 | 1 | 1 | 2 |
| Reglone® | Select®, Centurion®, Shadow® | Select®, Centurion®, Shadow® | Solo® WDG, Solo® ADV |
| 2 x 10 L/case | 3 L + 9 L X-ACT® adjuvant/case 20–60 ac/case, dependent on weed infestations | 2 x 6 L jugs/case 96 L bulk option 20–60 ac/case, dependent on weed infestations | 2 x 8 L case 100 ml/ac or 80 ac/8 L jug Must be used with an appropriate surfactant (see label) . |
| Harvest aid | All stages | All stages | Emergence to 3 expanded trifoliolate leaves |
| – | Barnyard grass, foxtail (green, yellow), quack grass, volunteer cereals, wild oats | Barnyard grass, foxtail (green, yellow), quack grass, volunteer cereals, wild oats | Cow cockle,flixweed, green foxtail, green smartweed, lamb’s quarters, persian darnel, redroot pigweed, shepherd’s purse, stinkweed, stork’s bill, volunteer barley, volunteer canary seed, volunteer canola, (non-Clearfield® varieties), volunteer tame oats, volunteer wheat, wild mustard, wild oats, yellow foxtail |
| – | 2–6 leaf | 2–6 leaf | Broadleaf weeds: cotelydon to 4 leaf; grasses: 1–4 true leaf |
| Aim® EC | DAVAI® 80 SL, QUASAR® | DAVAI® 80 SL, QUASAR® | ARROW® 240 EC, ARROW ALL IN®, Glyphosate, LEOPARD®, PYTHON™ B |
| – | Light infestations: 50 ml/ac Moderate infestations: 75 ml/ac Quack grass control: 150 ml/ac | Light infestations: 100 ml/ac Moderate infestations: 150 ml/ac Quack grass control: 300 ml/ac | 100 ml/ac |
| 30 minutes | 1 hour | 1 hour | Avoid application when heavy rain is forecasted. |
| – | 1. Tank-mix partner 2. ARROW® 240 EC 3. X-ACT® surfactant | 1. Tank-mix partner 2. ARROW ALL IN® | 1. DAVAI® 80 SL 2. Tank-mix partner 3. Adjuvant |
| 12 hours | 12 hours | 12 hours | 12 hours |
| – | 75 days | 75 days | 85 days |
| Avoid morning and evening applications. Can be used with an adjuvant like Agral® 90, LI 700®, Liberate®. | Must be mixed with X-ACT® adjuvant. | Adjuvant built into the formulation. | Best to apply at moderate temperatures (10–26° C); delay spraying if forecasted lows are close to freezing. |

These are just a few of our many herbicide, insecticide and fungicide offerings. To see our full product portfolio for soybeans, please visit our website at ADAMA.com

HERBICIDES

| INVOLVE® 50 WDG Tribenuron-methyl | LEOPARD® Quizalofop-P-ethyl | PHANTOM® 240 SL Imazethapyr | PYTHON™ Imazamox and Bentazon | QUASAR® Imazamox and Imazethapyr |
|---|--|---|--|--|
| 2 | 1 | 2 | 2 & 6 | 2 |
| Express® SG | Assure® II | Pursuit® | Viper® | Odyssey®, Odyssey® NXT |
| 10 × 480 g or 80 ac/480 g package 1 case treat 800 acres | 2 × 7.8 L case | 2 × 3.3 L jugs/case 40 ac/3.3 L jug | 1 × 4 L plus 2 × 7.26 L co-pack 40 ac/case | 1 × 6.47 L DAVAI® 80 SL plus 1 × 2.08 L PHANTOM® 240 SL 1 co-pack treats 80 acres |
| Pre-seed, post-harvest and summerfallow | Most crops are tolerant at all stages, so target applications at the optimal weed stage. Always adhere to the pre-harvest interval for each crop. | 1–3 leaf | Cotyledon – 4 leaf stage | 1–3 leaf |
| Refer to registered label for complete list of weeds controlled. | Barnyard grass, downy brome, fall panicum, foxtail barley, green foxtail, Japanese brome, old witchgrass, proso millet, quack grass (suppression at lower rates, control at higher rates), volunteer cereals, (wheat, barley, oats), volunteer corn, wild oats, yellow foxtail | Barnyard grass, cocklebur, common ragweed, crabgrass, eastern black nightshade, foxtail, lady's thumb, lamb's quarters, proso millet, redroot pigweed, smartweed, velvetleaf, wild buckwheat, wild mustard | Barnyard grass, biennial wormwood, cow cockle, flixweed, green foxtail (including group 1 resistant) ¹ , green smartweed, lamb's quarters ² , persian dandel, redroot pigweed ² , prostrate pigweed ² , shepherd's purse, stinkweed, stork's bill, tame oat, volunteer barley, volunteer canary seed, volunteer canola (including Clearfield® varieties), volunteer oats, volunteer wheat, (including non-Clearfield® varieties), wild buckwheat, wild mustard, wild oats (including group 1 resistant) ¹ , yellow foxtail ¹ PYTHON™ A Herbicide will not control weed biotypes resistant to Group 2 herbicides. ² PYTHON™ A + PYTHON™ B will provide more consistent control of prostrate pigweed, redroot pigweed and lamb's quarters including Group 2 resistant biotypes. | Green foxtail (including group 1 resistant) ¹ , tame oats, wild oats (including group 1 resistant) ¹ , yellow foxtail, chickweed, green smartweed, lamb's quarters, redroot pigweed, stinkweed, wild mustard ¹ The QUASAR® tank mix will not control weed biotypes that are resistant to Group 2 biotypes. |
| Refer to registered label for complete list of weeds controlled and appropriate weed staging. | Check label as weed stage controlled by LEOPARD® varies. | Up to 4 th true leaf | Apply to young and actively growing weeds. | Grass weeds: 1–4 true leaf stage or early tillering; broadleaf weeds: cotyledon to 4 leaf stage |
| Aim® EC, Authority®, Dicamba L, Glyphosate | Basagran®, DAVAI® 80 SL, Liberty®, PHANTOM® 240 SL, PYTHON™, QUASAR® | ARROW® 240 EC, ARROW ALL IN®, Basagran® Forte, Glyphosate, LEOPARD®, Linuron, SQUADRON® II | ARROW® 240 EC, ARROW ALL IN®, LEOPARD® | ARROW® 240 EC, ARROW ALL IN®, Glyphosate, LEOPARD®, PYTHON™ B |
| 6g/ac | 150–290 ml/ac or 40 ac/7.8 L jug at standard rate | Early pre-plant*, pre-emerge: 170 ml/ac Pre-plant incorporated: 85 ml/a [*] If weeds are emerged, a + non-ionic surfactant at 0.25% v/v must be added. | PYTHON™ A: 101 ml/ac PYTHON™ B: 364 ml/ac | 80 ml/ac DAVAI® 80 SL + 26 ml/ac PHANTOM® 240 SL |
| Avoid if heavy rain is in the forecast. | 1 hour | 6 hours or reduced control may occur on foliar application | 1 hour | 3 hours |
| 1. INVOLVE® 50 WDG 2. Tank-mix partner 3. Surfactant | 1. LEOPARD® 2. Tank-mix partner 3. Surfactant | 1. Tank-mix partner 2. PHANTOM® 240 SL 3. Non-ionic surfactant like Agral® 90 or Ag-Surf® at 0.25% v/v | 1. PYTHON™ A 2. PYTHON™ B 3. UAN 4. Adjuvant | 1. DAVAI® 80 SL 2. PHANTOM® 240 SL 3. Tank-mix partner 4. Adjuvant |
| 12 hours | 12 hours | 12 hours | 12 hours | 12 hours |
| 30 days | 80 days | 85 days | 75 days | 85 days |
| Activity of the herbicide mixture may be delayed by cold, dry conditions after application. | LEOPARD® is safe on the crop at all stages, rates are dependent on weed stages. | Residual control helps with early season weed competition. Registered only in Manitoba in Western Canada. | Two powerful actives that provide broad-spectrum control and require good coverage and early application for best results. | When weeds are stressed due to drought, flooding, hot or prolonged cool temperatures (15° C or less), control can be reduced or delayed since weeds are not actively growing. |

WESTERN CANADA

| | INSECTICIDES | | FUNGICIDE | | |
|------------------------------------|--|---|---|---|---|
| PRODUCT NAME Active Ingredient | SILENCER® 120 EC Lamba-cyhalothrin | SOMBRERO® 600 FS Imidacloprid | BUMPER® 432 EC Propiconazole | SORATEL™ Prothioconazole | TOPNOTCH™ Azixystrobin and Propiconazole |
| Group | 3 | 4 | 3 | 3 | 11 & 3 |
| Replaces | Matador® | Stress Shield® | Tilt® | Proline® | Quilt-Xcel® |
| Case Package Size Acres Treated | 4 × 3.785 L 160 – 450 ac/case | 8 × 1.54 L Please refer to the label for application rates as these vary based on seed type. | 2 × 4.8 L 40 ac/jug 80 ac/case | 2 × 9.6 L/case 60 – 120 ac/case (80 ac/case at the standard rate) | 2 × 8.6 L/case 27 – 55 ac/case |
| Crop Staging | Any stage | Seed treatment | Surface and systemic protection; See tank-mix partner labels if spraying at herbicide timing. | Make first application at first sign of disease. | Make first application at first sign of disease. |
| Key Pests or Diseases Controlled | Soybean aphid, bean aphid, grasshoppers, cutworms, lygus bug, bean leaf beetle, western bean cutworm, pea aphid | Bean leaf beetle, seedcorn maggot, soybean aphid, wireworm | Blight, blotches, brown rot, powdery mildew, rusts, septoria spot, scalds, tan spot | Asian soybean rust, frogeye leaf spot | Mycosphaerella blight, anthracnose, powdery mildew, white mould (suppression) |
| Pest Staging | When insects are present | Used as a protective seed treatment | Apply when disease first appears. Under severe disease pressure, make a second application 14 days after the first application. | Make first application at first sign of disease. | Make first application at first sign of disease. |
| Tank-Mix Options | BUMPER® 432 EC | Apron Maxx RTA®, Apron Maxx® RFC | SILENCER® 120 EC | Coragen®, Decis®, SILENCER® 120 EC | ARROW® 240 EC, ARROW ALL IN®, LEOPARD®, SILENCER® 120 EC |
| Rate (when used alone) | 33 – 94 ml/ac (see label for rates by pest) | 104 – 208 ml/100 kg seed | 120 ml/ac | 240 ml/ac – standard rate | 310 – 620 ml/ac |
| Rainfastness | 1 hour | Not Applicable | 1 hour | Avoid application if heavy rainfall is in the forecast. | Do not apply when rain is imminent. |
| Mixing Instructions | Confirm compatibility in advance by premixing small proportional quantities of water with SILENCER® 120 EC and the tank-mix partner. | 1. Fungicide 2. Coating agents 3. SOMBRERO® 600 FS | 1. BUMPER® 432 EC 2. Tank-mix partner | 1. SORATEL™ 2. Tank-mix partner | 1. TOPNOTCH™ 2. Tank-mix partner |
| Re-Entry Period | 24 hours | Not Applicable | 12 hours | 24 hours | 12 hours |
| Pre-Harvest Interval | 21 days | Not Applicable | 50 days | 20 days | 30 days |
| Additional Info | For best results, apply below 25° C. | Apply at 10° C or warmer due to high viscosity. | Do not mix with copper products, jar test. | SORATEL™ is the first of many ADAMA products that will include Asorbital™ Formulation Technology, offering reduced run-off and photodegradation, improved rainfastness and more thorough protection of the foliage. | Good spray coverage and canopy penetration are important to achieve the best results. |

These are just a few of our many herbicide, insecticide and fungicide offerings. To see our full product portfolio for soybeans, please visit our website at [ADAMA.com](https://www.adama.com)



WHY IS ADAMA DIFFERENT?

We are all in this business because we love agriculture...the business of 'growing'... the passion of feeding our communities, our country, and the world. **It's that simple.**

But getting to that end result, especially in this last decade, has unfortunately become anything but simple.

At ADAMA, we think it's time for a change. And our driving philosophy—**Listen > Learn > Deliver**—was developed with that change in mind.

We **LISTEN** to the retailers and distributors, the growers, our employees, and the agronomic scientists who are continually working to ensure our industry is the most profitable, agronomically sound and sustainable that it can be.

From those same people, we **LEARN** what they need from crop protection companies, and from ADAMA specifically, to help them achieve and exceed those goals.

What we have learned is:

- The myriad of products available is overwhelming.
- Getting supply and delivery of products on time and correctly can be a challenge.
- Complicated grower programs take precious time away from dealing with what matters most.

Basically, what could be simple, is not anymore.

So, with that in mind, ADAMA has a desire to be different! We hire people who truly embody our philosophy, not only to listen, and learn but to develop and **DELIVER**:

- 270+ available actives that allow growers to deal with fewer chemical companies, reducing the complexity of the retail order
- The ability to fast track tank-mix solutions for key pests as we don't need to work with other companies
- The ability for growers to target a myriad of key pests with ADAMA products alone
- No grower programs...just great products and a great price with great service.

In short, products, solutions and services that help us all to focus on what we collectively are and have always been passionate about.

Listen ▶ Learn ▶ Deliver

It can be that simple.



NOTES







Listen › Learn › Deliver

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