



ADAMA

# Supported Tank Mixes Eastern Canada 2023

## HERBICIDES

### FORMULATION

#### 2,4-D ESTER 700

BISON® 400 L  
BROMOTRIL®  
BUMPER® 432 EC  
Glyphosate  
INVOLVE® 50 WDG  
PYRINEX® 480 EC

#### ARMORY® 240

Agral® 90  
LI 700®  
Liberate®  
Other non-ionic surfactants  
Carfentrazone

#### ARROW® 240 EC / ARROW ALL IN®

BADGE®  
DAVAI® 80 SL  
Glufosinate  
Glyphosate  
Lontrel™ XC  
Muster®  
PHANTOM® 240 SL  
PYTHON™

#### BADGE®

Atrazine  
BISON® 400 L  
MCPA ESTER 600  
Refine® Extra

#### BISON® 400 L

2,4-D ESTER 700  
Attain®  
BADGE®  
BROMOTRIL®

**BISON® 400 L** (Continued)  
BUMPER® 432 EC  
Decis®  
Dichlorprop + 2,4-D ESTER 700  
**EC** Infinity®  
SC Lontrel™ XC  
EC MCPA ESTER 600  
EC Pixxaro™  
SL SILENCER® 120 EC  
WDG ZIVATA™  
EC

**BROMOTRIL®**  
**EC** 2,4-D ESTER 700  
SL Accent®  
SL Atrazine  
SL BISON® 400 L  
SL BUMPER® 432 EC  
EC Dicamba 600  
Glyphosate  
MCPA ESTER or K

**EC** Traxos®  
EC Ultim®  
SL

**SN, SL** **DAVAI® 80 SL**  
SL ARROW® 240 EC  
SL ARROW ALL IN®  
DF Basagran® Forte  
SL Broadloom®  
SL LEOPARD®  
SL PHANTOM® 240 SL

**EC** **EMPHASIS™**  
SC Glyphosate  
EC  
SC

#### INVOLVE® 50 WDG

2,4-D ESTER 700  
**SC** AIM® EC  
EC Authority® 480  
EC Dicamba  
EC Glyphosate  
EC

**SC** **LEOPARD®**  
EC Basagran®  
EC DAVAI® 80 SL  
EC Glufosinate  
EC PHANTOM® 240 SL  
SL PYTHON™  
EC

#### MCPA ESTER 600

**EC** BADGE®  
EC BISON® 400 L  
EC BROMOTRIL®  
**EC** BUMPER® 432 EC  
EC PYRINEX® 480 EC  
DF

#### PHANTOM® 240 SL

**SC** ARROW® 240 EC  
EC ARROW ALL IN®  
SL, SG Basagran®  
SL Basagran® Forte  
EC, SL DAVAI® 80 SL  
EC Edge®  
DF Glyphosate + FirstRate®  
Glyphosate

#### LEOPARD®

**SL** LEOPARD®  
EC Lorox®  
EC SQUADRON® II  
SL Trifluralin  
SL

#### PYTHON™

**EC** ARROW® 240 EC  
EC ARROW ALL IN®  
**EC** Glyphosate  
SL LEOPARD®  
SL

#### WDG SQUADRON® II

**EC** 2,4-D ESTER 700  
EC Axiom® DF  
SC Broadstrike™ Dual  
SL, SG  
SL

**EC**  
SL  
SL  
SN, SL  
SL  
SL

#### EC

EC  
SC  
EC  
EC  
EC

#### SL

EC  
EC  
SL  
SL  
SL

#### G

SL  
SL  
EC  
SC  
WDG  
G

#### SL

EC  
EC  
SL  
EC

#### WDG

SL  
WDG  
WG

**SQUADRON® II** (Continued)

Dual II Magnum®  
Eptam® 8-E  
Frontier®  
Glyphosate  
Lorox  
MCPA ESTER 600  
PHANTOM® 240 SL  
Treflan™ E.C.  
Venture® L

**WDG** **TOPNOTCH™** (Continued)

SL Poast Ultra®  
EC SILENCER® 120 EC  
EC Traxos®  
SL Voliam Xpress®  
SC ZIVATA™  
SL  
SL  
EC  
EC

**SC** **Always read and follow label directions.**

EC  
EC  
EC  
SC  
EC  
ALIAS®, ARMORY®, ARROW®, ARROW ALL IN®, BADGE®, BISON®, BROMOTRIL®, BUMPER®, CORMORAN®, CUSTODIA®, FOLPAN®, INVOLVE®, LEOPARD®, NIMITZ®, ORIUS®, PHANTOM®, SILENCER®, SOMBRERO®, and SQUADRON® are registered trademarks, and EMPHASIS™, PYTHON™, SORATEL™, SORADUO™, TOPNOTCH™ AND ZIVATA™ are trademarks of ADAMA Agricultural Solutions Canada Ltd.

**FUNGICIDES**

**FORMULATION**

**BUMPER® 432 EC**

2,4-D ESTER 700  
BADGE®  
BROMOTRIL®  
MCPA ESTER 600  
SILENCER® 120 EC  
ZIVATA™

**EC**

EC  
EC  
EC  
SL, EC  
EC  
EC

**CAPTAN 80 WSP**

Nova™

**WSP**

WSP

**CUSTODIA®**

Manipulator®

**SC**

SL

**FOLPAN® 80 WDG**

None registered

**WDG**

**ORIUS® 430 SC**

Agral® 90  
AgSurf®  
SORATEL™  
Other non-ionic surfactant

**SC**

SL  
SL  
EC  
SL

**SORATEL™**

Coragen®  
Decis®  
ORIUS® 430 SC  
SILENCER® 120 EC  
ZIVATA™

**EC**

SC  
EC  
SC  
EC  
EC

**SORADUO™**

None on label; consult the labels of the tank-mix partners or your local ADAMA Area Business Manager.

**EC, SC**

**TOPNOTCH™**

ARROW® 240 EC  
ARROW ALL IN®  
Coragen®  
Decis®  
Glufosinate  
LEOPARD®

**SC**

EC  
EC  
SC  
EC  
SN, SL  
EC

**ALIAS® 240 SC**  
**(Seed and Soil Treatment):**

Apron XL®  
Raxil® Pro

**SC**

SC  
SC

**(Foliar Application):**

None registered

**CORMORAN®**

Acramite® 50 WS  
Luna Sensation®  
Polyram® DF  
Pristine® WG

**EC**

WSP  
WSP  
WSP  
WG

**NIMITZ® 480 EC**

Can be mixed with the most commonly used insecticides, adjuvants and fungicides. Check compatibilities before making tank mixes.

**EC**

**SILENCER® 120 EC**

Allegro®  
BISON® 400 L  
BUMPER® 432 EC  
Headline® EC  
SORATEL™  
SQUADRON® II  
TOPNOTCH™

**EC**

SC  
SC  
EC  
EC  
EC  
WDG  
SC

**SOMBRERO® 600 FS**

Allegiance®  
Apron Maxx® RTA®  
EverGol® Energy  
Insure® Cereals, Pulse  
Rancona® Apex  
Raxil® MD  
Raxil® Pro  
Trilex® EverGol®  
Vibrance® Maxx RFC  
Vibrance® Quattro

**SC**

SC  
SC  
SC  
SC  
SC  
SC  
SC  
SC  
SC  
SC

**ZIVATA™**

Allegro®  
BISON® 400 L  
BUMPER® 432 EC  
Headline® EC  
SORATEL™  
SQUADRON® II  
TOPNOTCH™

**EC**

SC  
SC  
EC  
EC  
EC  
WDG  
SC

**INSECTICIDES**

**FORMULATION**

All other products are trademarks of their respective companies.

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# 2023 Unlabelled Tank Mixes of Commercial Pest Control Products for Crop Production or Vegetation Management

## WHAT IS THE PMRA TANK MIX POLICY?

The Pest Management Regulatory Agency (PMRA) has an established position (October 27, 2009) regarding the use of unlabeled tank mixes of commercial class pest control products used for crop production, disease or vegetation management.

**Application of UNLABELED tank mixes is permitted if the registered\* commercial pest control products comply with their registered use pattern (i.e., application rate, application timing to crops, weed stages, rotational guidelines, number of applications per season, pre-harvest intervals, pest claims, etc.).** As such, users are permitted to apply unlabeled tank mixes of registered pest control products, subject to the following conditions:

1. Each tank mix partner is registered for use in Canada on the crop of interest, including genetically modified crops.
2. The tank mix only includes an adjuvant when specifically required by one of the tank mix partner labels. If an adjuvant is not required on the label of any tank mix partner, then no adjuvant may be added to the tank mix.
3. The application timings of all tank mix partners are compatible with regards to crop and pest staging.
4. Each tank mix partner is applied in accordance with its registered product label (e.g., Directions for Use, Precautions, Buffer Zones, etc.). In cases where information on the tank mix partner labels differs between them, the most restrictive directions must be followed.
5. The tank mix is not specifically excluded or contradicted on either tank mix partner label.
6. The use of the tank mix provides additional value to the user (e.g., increased scope of pests controlled, contributes to resistance management or integrated pest management, cost and/or time savings).

## WHAT DOES ADAMA SUPPORT UNDER THE TANK MIX POLICY?

ADAMA Agricultural Solutions Canada Ltd. (ADAMA) will support the unregistered tank mixes which are listed as well as all tank mixes that are presently included on product labels.

## WHAT IF A TANK MIX DOES NOT APPEAR ON THE FOLLOWING LIST? WILL THE TANK MIX STILL BE SUPPORTED BY ADAMA?

If a tank mix is not on this document or does not meet the unlabeled tank mixes criteria then anyone who applies or recommends an unlabeled mix does so at their own risk, assumes liability and agrees to hold ADAMA harmless in connection with un-labelled tank mixes or those not pre-approved by ADAMA. Should growers, crop advisors, agronomists,retailers or provincial extension staff make tank mix recommendations that are not registered nor supported by ADAMA, they are assuming the liability.

## GENERAL PRECAUTIONARY STATEMENT:

Products not formally registered as tank mixes may not be chemically or biologically compatible. Undesirable effects may include, formulation incompatibilities in the spray tank, deactivation of one or more of the actives, delay in maturity, crop rotation issues, yield reduction etc. In some cases, tank mixing pest control products can result in reduced biological activity (antagonism = reduced efficacy) or increased biological activity (additive effect = increased host injury). ADAMA disclaims liability for any antagonistic or additive effects of any unlabelled tank mixes.

**NOTE: Follow all precautions and restrictions on the label of each product.**

**\*Registered under the Pest Control Products Act**