

## Tank Mixes

### Evaluation Report for Category B, Subcategory 3.10 Application

**Application Number:** 2018-1552  
**Application:** Tank Mixes  
**Product:** Express SG Herbicide  
**Registration Number:** 28262  
**Active ingredients (a.i.):** tribenuron-methyl  
**PMRA Document Number :** 2913615

#### Background

Express SG Herbicide (Reg. No. 28262) was first registered in March of 2006. Express SG Herbicide contains 50% w/w tribenuron-methyl (Group 2 Herbicide) and is labelled for post-emergent broadleaf weed control in summerfallow, as a post-harvest treatment and on fields to be planted to spring wheat (including durum), winter wheat, spring barley, oats, canary seed, pulse crops (including dry bean, faba bean, field pea, lupin and soybean), alfalfa, red clover, alsike clover, smooth brome grass, meadow brome grass, timothy and creeping red fescue and in pasture and rangeland and as well as certain broadleaf weeds in tribenuron-methyl tolerant sunflowers (e.g. ExpressSun™ Sunflowers SU7) grown in the Prairie Provinces and the Interior of British Columbia. For specific details of uses, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the product label.

#### Purpose of Application

The purpose of this application was to amend the registration of Express SG Herbicide to include two 3-way tank mixes:

- 1) Express SG Herbicide (15 g/ha) + Glyphosate (270-450 g ae/ha) + Aim EC Herbicide (36.5-117 mL/ha) for control of broadleaf weeds and grasses in fallow and pre-seed to spring wheat (including durum), winter wheat, spring barley, oats, and pulse crops (including dry bean, faba bean, field pea, lupin and soybean), and
- 2) Express SG Herbicide (15 g/ha) + Glyphosate (270-450 g ae/ha) + Authority 480 Herbicide (219-292 mL/ha) for control of broadleaf weeds and grasses pre-seed to faba bean, field pea and soybean.

#### Chemistry Assessment

A chemistry assessment was not required as there was no change to the product formulation.

#### Health and Environmental Assessments

Health and environmental assessments were not required since there are no changes made to the

application rate and use pattern of all tank mix components.

### **Value Assessment**

A rationale was provided in support of the proposed amendment request. Based on all available information, an acceptable level of efficacy and crop tolerance would be expected when Express SG Herbicide + glyphosate is tank mixed with either Aim EC Herbicide or Authority 480 Herbicide as per label directions. These new tank mixes will provide growers with new options to control a broad range of grass and broadleaf weeds, including Group 2 and Group 9 resistant kochia biotypes, in summerfallow and/or pre-seeding to multiple crops. These 3-way tank mixes contain multiple modes of action, aiding in resistant management.

### **Conclusion**

The PMRA has conducted an assessment of the subject application and has determined that in accordance with the label, the submitted information is adequate to support the 3-way tank mixes of Express SG Herbicide + glyphosate + Aim EC Herbicide and Express SG Herbicide + glyphosate + Authority 480 Herbicide for control of broadleaf weeds and grasses in fallow and/or pre-seeding to multiple crops.

### **References**

<b>PMRA Doc Number</b>	<b>Reference</b>
2874059	2018, Rationale to Support the Tank Mixes of Express SG Herbicide plus Glyphosate plus Aim EC Herbicide or Authority 480 EC Herbicide, DACO: 10.2.3.3,10.2.3.3(B),10.3.2(A)

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