

USER REQUESTED MINOR USE LABEL EXPANSION of Pesticides on TURF and FORAGE SEED CROPS (Updated November 2023)

Pesticide tolerance trials on grass and legume seed crops are conducted by the Peace River Region Forage Seed Association, Saskatchewan Forage Seed Development Council, Manitoba Forage Seed Association and previously Alberta Agriculture and Rural Development. Trials are also conducted by the Pest Management Regulatory Agency (PMRA) if a product is selected through the Minor Use Priority Meeting held each March.

Consultation with seed growers and seed companies is done each year to determine what pesticides should be priorities. The majority of the work is with herbicides although some work does include fungicides, growth regulators and insecticides. Data for specific forage species generated from trials is used to submit applications for URMULE (User Requested Minor Use Label Expansion) through the PPMUC (Prairie Pesticide Minor Use Consortium), Provincial Minor Use Co-ordinators and Pest Management Centre under AAFC (Agriculture and Agri-Food Canada). The efforts of these organizations has led to many URMULE on turf and forage seed crops since 2005.

REGISTRATIONS

2005

URMULE- User Requested Minor Use Label Expansion of Puma Super Emulsifiable Concentrate (fenoxaprop-ethyl), PCP #25864, for control of Wild Oat and Barnyard Grass on Seedling Perennial Ryegrass Grown For Seed in the Prairie Provinces and the Peace River Region of British Columbia. July 7, 2005

URMULE – User Requested Minor Use Label Expansion for the use of Curtail M Herbicide (clopyralid+MCPA ester) PCP#22764 to control labelled weeds on established Timothy grown for seed in the Peace Region, Okanogan, and Creston regions of British Columbia. July 22, 2005

URMULE- User Requested Minor Use Label Expansion of the Use of Attain Herbicide Tank-Mix Attain A (Fluroxypyr), PCP#24834, and Attain B(2,4-D), PCP#24833 to Selected Seedling and Established Forage Grasses Grown for Seed in the Prairie Provinces and Peace River Region of British Columbia. Grasses include creeping red fescue, crested wheatgrass, intermediate wheatgrass, meadow brome grass, smooth brome grass, tall fescue, and timothy. Sept 19, 2005.

URMULE – User Requested Minor Use Label Expansion of Prestige Herbicide tank Mix (Prestige A fluroxypyr), PCP#25465, and Prestige B (clopyralid & MCPA), PCP #25464, for control of Labelled Weeds on Seedlings of Tall Fescue Grown for Seed in the Prairie Provinces and the Peace River region of British Columbia. Dec 7, 2005.

2006

URMULE- User Requested Minor Use Label Expansion of the Use of Minor Use Submission of Prestige Herbicide Tank Mix [Prestige A (fluroxypyr) PCP #25465 and Prestige B (clopyralid & MCPA) PCP #25464] for the control of labelled weeds on seedling and established creeping red fescue, intermediate wheatgrass, crested wheatgrass, meadow brome grass, smooth brome grass and timothy grown for seed in the Prairie Provinces and the Peace River Region of British Columbia.

2007

URMULE- User Requested Minor Use Label Expansion of the Use of Spectrum Herbicide Tank-Mix Spectrum A (florasulam) Reg. No. 27395 and Spectrum B (MCPA ester+clopyralid) PCP#22764 to Selected Seedling and Established Forage Grasses Grown for Seed in the Prairie Provinces and Peace River Region of British Columbia. Grasses include creeping red fescue, crested wheatgrass, intermediate wheatgrass, meadow brome grass, perennial ryegrass, smooth brome grass, tall fescue, and timothy. Oct 15 2007

2008 – no registrations

2009 – no registrations

2010

URMULE – User Requested Minor Use Label Expansion of Puma120 Super Emulsifiable Concentrate Post-Emergent Herbicide (Fenoxaprop-P-Ethyl), Reg.No. 25864, for the Control of Labelled Weeds in Seedling and Established Meadow Brome grass in the Prairie Provinces and Peace River Region of Bristish Columbia. AAFC 09-018 July 5, 2010.

URMULE – User Requested Minor Use Label Expansion for the use of Express SG Herbicide (tribenuron methyl), Reg.No. 28262, Tank Mixed with Glyphosate for the Control of labelled Weeds in Forage and Seed Crops of Alfalfa (*Medicago sativa*), Red Clover (*trifolium pratense*) and Alsike Clover (*Trifolium hybridum*) in the Prairie Provinces and Peace River Region of Bristish Columbia. Decemeber 23, 2010.

2011

URMULE – User Requested Minor Use Label Expansion for the use of Infinity Herbicide (bromoxynil and pyrasulfotole), Reg.No.28738, for the control of labelled weeds on seedling stands of creeping red fescue, timothy, meadow brome grass, and smooth brome grass grown for forage and seed production in the Prairie Provinces and Peace River Region of British Columbia. 2009-4754. January 18, 2011

URMULE – User Requested Minor Use Label Expansion of PrePass A Herbicide Solution (florasulam), Reg. No. 27395, tank-mixed with PrePass A Herbicide Solution (florasulam),

Reg.No. 27395, tank mixed with PrePass B Herbicide Solution (glyphosate), Reg. No. 27394, for Control of Labelled Broadleaf and Grass Weeds on Timothy, Smooth Bromegrass, Meadow Bromegrass and Creeping Red Fescue sown alone or with a cover crop, including wheat (including durum), spring barley and oats in the Prairie Provinces and the Peace River Region of British Columbia. January 18, 2011.

URMULE – User Requested Minor Use Label Expansion for the use of Infinity Herbicide (bromoxynil and pyrasulfotole), Reg.No.28738, for the Control of Labelled Weeds including Group 2 Resistant Kochia on Established Red Fescue for Seed and Forage Production in Canada. AAFC10-018. Feb 24, 2011.

URMULE- User Requested Minor Use Label Expansion for the use of Infinity Herbicide (bromoxynil and pyrasulfotole), Reg.No.28738, for the control of labelled weeds on Perennial Ryegrass (Seedling and Established) in Canada. August 5, 2011 AAFC#11-041

URMULE – User Requested Minor Use Label Expansion for the use of Assure II Herbicide (quizalafop-p-ethyl), Reg.No.25462, on Established Red and Alsike Clover for Seed Production. AAFC#11-042. September 30, 2011.

2012

URMULE – User Requested Minor Use Label Expansion for the use of Basagran Forte Herbicide (Bentazon), Reg.No.22006,for the Control of Labelled Weeds on Established Alsike Clover Grown for Seed. 20012-4101. February 6, 2012.

URMULE – User Requested Minor Use Label Expansion for the use of Basagran Forte Herbicide (bentazon), Reg.No. 22006,for the Control of Labelled Weeds on Established Alsike Clover Grown for Seed. February 17, 2012.

URMULE- User Requested Minor Use Label Expansion for the use of Infinity Herbicide (bromoxynil and pyrasulfotole), Reg.No.28738, for the control of labelled weeds in established meadow bromegrass, creeping red fescue and perennial ryegrass (seedling and established) grown for seed and forage in Canada. AAFC#10-018, AAFC#10-019 and AAFC#11-041. February 21, 2012.

URMULE – User Requested Minor Use Label Expansion for the use of Frontline XL Herbicide (florasulam and MCPA), Reg.No. 28804, for the Control of Labelled Broadleaf Weeds in Seedling and Established Timothy (for Forage, Hay and Seed Production) in the Prairie Provinces and the Peace River Region of British Columbia. AAFC#08-007. May 2, 2012.

2013

URMULE – User Requested Minor Use Label Expansion for the use of Viper ADV Herbicide (bentazon and imazamox), Reg.No.30626, for the control of labelled weeds in established

clover (red and alsike) grown for seed production in the Prairie Provinces and Peace River Region of British Columbia. July 11, 2013.

URMULE – User Requested Minor Use Label Expansion for the use of Express SG Herbicide (tribenuron methyl), Reg.No. 28262, as a pre-seed control of labelled weeds on smooth brome grass, meadow brome grass, timothy and creeping red fescue in the prairie provinces and the Peace River Region of British Columbia. July 25, 2013.

URMULE – User Requested Minor Use Label Expansion for the Use of Puma Advance EC Herbicide (fenoxaprop-p-ethyl), Reg. No. 29488. for the control of labelled weeds on established perennial ryegrass grown for seed in the Prairie Provinces and Peace River Region of British Columbia. November 5, 2013.

2014

URMULE-User Requested Minor Use Label Expansion for the use of Odyssey WDG Herbicide (imazamox, imazethylyr). Reg.No. 2511 for the control of label weeds on seedling clover (red, alsike and sweet) grown for seed production in the Prairie Provinces and Peace River Region of British Columbia. December 8, 2014.

2015

URMULE – User Requested Minor Use Label Expansion for the use of Headline EC Fungicide (pyraclostrobin), Reg.No.27322, for the control of brown stripe, leaf streak, and purple eyespot on timothy in Canada. March 30, 2015.

URMULE – User Requested Minor Use Label Expansion for the use of Assert 300 SC Herbicide (imazamethabenz-methyl), Reg. No.21032, for the control of labelled weeds on perennial ryegrass grown for seed production in Canada. May 5, 2015.

2016 – no registrations

2017

URMULE – User Requested Minor Use Label Expansion for the use of Heat WG (saflufenacil), Reg.No.29368 with or without Roundup Weather Max with Transorb 2 Technology Liquid Herbicide (glyphosate), Reg. No.27487, for rapid burndown and suppression of secondary weed flushes on brome grass for hay and foarge in the Prairie Provinces and Peace River Region of British Columbia. July 2017.

URMULE – User Requested Minor Use Label Expansion for the use of PP-23235 Herbicide (metsulfuron-methyl, tribenuron-methyl, theifensulfuron-methyl), Reg No.29262, for the Control of Labelled Weeds in Established Creeping Red Fescue for Forage and Seed Production in the Prairie Provinces and the Peace River Region of British Columbia. August 17, 2016.

URMULE – User Requested Minor Use Label Expansion for the Use of Puma Advnace EC Herbicide (fenoxaprop-p-ethyl, mefenpyr-diethyl), Reg.No.29488, for the control of labelled weeds in tall fescue (seedling and established) grown for seed in the Prairie Provinces and Peace River Region of British Columbia.

2018

URMULE - User Requested Minor Use Label Expansion for use of REGLONE® ION (Reg. No. 31058) as a Desiccant on Alsike Clover Seed Crops. Jan 22, 2018.

URMULE - User Requested Minor Use Label Expansion for use of Prestige XC A Herbicide (fluroxypyr), Reg. No. 29462, for the control of labelled weeds in hybrid bromegrass grown for seed in Canada. March 29, 2018.

URMULE – User Requested Minor Use Label Expansion for the Use of Heat LQ (saflufenacil), Reg.No.31468, for the control of labelled weeds in seedling creeping red fescue and timothy for forage, hay and seed production in the Prairie Provinces and Interior of British Columbia only. Sept 17, 2018.

2019

URMULE for the use of Enforcer M Herbicide (fluroxypyr+bromoxynil+MCPA ester), Reg.No. 30691, for the control/suppression of labelled weeds in seedling and established bromegrass (hybrid, meadow, smooth) for seed production in Canada. AAFC# 16-025. May 07, 2019.

2020

URMULE-User Requested Minor Use Label Expansion for the Use of Stellar XL Herbicide (fluroxypyr/florasulam/MCPA, Reg. 32099, for the control of labelled weeds in Bromegrass (smooth, meadow, hybrid) for forage/hay production ion the Prairie Provinces and Interior of British Columbia only. AAFC18-008. January 31, 2020

URMULE-User Requested Minor Use Label Expansion for the Use of Axial Herbicide (pinoxaden), Reg. No. 30431, for the control and/or suppression of labelled weeds in seedling forage grasses (creeping red fescue, meadow bromegrass, smooth bromegrass) and seedling forage legume grown for seed. June 30, 2020.

URMULE-User Requested Minor Use Label Expansion for the Use of Quilt Fungicide (Azoxystrobin, Propiconazole), Reg.No.28328, for the Control of Stem Eyespot (*Didymella festucae*) and Leaf Spot Complex (*Pyrenophora* spp., *Drechslera* spp.) on fescue Grown For Seed Production. AAFC# 18-065. October 9, 2020.

URMULE – For the use of Pixxaro A Herbicide (fluroxypyr, halauxifen), Reg. No. 31303, with Plus M Ester 600 (MCPA) Reg. No. 29622 for the control of labelled weeds on established

timothy for seed production in the Prairie Provinces and Peace River Region of British Columbia and in Eastern Canada. June 23 2020.

2022

URMULE - User Requested Minor Use Label Expansion for the Use of Express SG Herbicide (Tribenuron-Methyl), Reg. No. 28262, for the Control of Labelled Weeds on Crested and Slender Wheatgrass, Meadow and Tall Fescue, Hybrid Bromegrass, Yellow Sweet Clover and Sainfoin in the Prairie Provinces and Interior of British Columbia. August 2022.

URMULE - User Requested Minor Use Label Expansion for the Use of Viper ADV (Bentazon, Imazamox), Reg. No. 30626, for the Control of Labelled Weeds in Established and Seedling Sweet Clover and Established Sainfoin for Seed Production in the Prairie Provinces and Interior of British Columbia. August 2022.

URMULE - User Requested Minor Use Label Expansion for the Use of Assure II Herbicide (quizalofop-p-ethyl), Reg. No. 25462 for the control of labelled weeds in seedling and established creeping red fescue grown for forage and hay production. June, 2022.

URMULE - User Requested Minor Use Label Expansion for the Use of Liquid Achieve SC Herbicide (Tralkoxydim), Reg. No. 28555, for the Control and/or Suppression of Labelled Weeds in Seedling and Established Hybrid Bromegrass and Established Slender Wheatgrass for Seed Production. September 7 2022.

2023

URMULE - User Requested Minor Use Label Expansion for the Use of Decis 5 EC Insecticide (deltamethrin), Reg. No. 17734, for the control of armyworms and cutworms on timothy (seed production only). September 26 2023.

URMULE - User Requested Minor Use Label Expansion for the Use of Parlay (trinexapac-ethyl), Reg. No. 31214, on perennial ryegrass grown for seed production. September 19 2023.