

Evaluation Report for Category B, Subcategories 3.2, 3.5 Application

Application Number: 2018-5855
Application: Changes to Product Labels-Application Timing
Changes to Product Labels-Rotational Crops
Product: Focus Herbicide
Registration Number: 32292
Active ingredients (a.i.): pyroxasulfone, carfentrazone-ethyl
PMRA Document Number : 3051286

Purpose of Application

The purpose of this application was to amend the label of Focus Herbicide to add fall application for all labelled crops and rotational cropping recommendations for barley, canola, mustard, oats, sugar beets and durum wheat.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

No new residue data for pyroxasulfone and carfentrazone-ethyl were submitted to support the use expansion of these active ingredients on the Focus Herbicide label. Previously reviewed data from field accumulation in rotational crops were reassessed in the framework of this application. No health risks of concern have been identified for any segment of the population including infants, children, adults, and seniors as a result of the label amendments.

Environmental Assessment

The addition of fall application for all labelled crops, as well as six new rotational crops- barley, canola, mustard, oats, sugar beets and durum wheat- to the label of Focus Herbicide does not pose any additional risk to the environment.

Value Assessment

The information provided for review included data from small plot field trials. The data support the addition of a fall application of Focus Herbicide for the control of wild oats in the following spring. The rotational cropping claims for canola, oats, barley, durum wheat and mustard (12 months) and sugar beets (24 months) are all supported. The use of Focus Herbicide in the fall gives users additional flexibility to control emerged weeds in the fall and provide residual control of wild oats in the following spring. The addition of new rotational crops provides growers with more choices in their rotations.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found it sufficient to support the amendment of the label of Focus Herbicide to add fall application for all labelled crops and rotational cropping recommendations for barley, canola, mustard, oats, sugar beets and durum wheat.

References

PMRA Document Number	Reference
2911394	2014, Pyroxasulfone recrop trial. 2013 setup and 2014 recrop to canola, mustard oats and barley, DACO: 10.3.3
2911398	2008, Kumiai Plant Back, DACO: 10.3.3
2911399	2015, Pyroxasulfone recrop trial. 2014 setup and 2015 recrop to canola, mustard, oats and barley., DACO: 10.3.3
2911400	2014, Pyroxasulfone recrop trial. 2013 setup and 2014 recrop to canola, mustard oats and barley., DACO: 10.3.3
2911401	2015, Pyroxasulfone recrop trial. 2014 setup and 2015 recrop to canola, mustard, oats, barley and wheat., DACO: 10.3.3
2911402	2015, Pyroxasulfone recrop trial. 2014 setup and 2015 recrop to canola, mustard, oats and barley, DACO: 10.3.3
2911403	Szmigielski, A.M., Johnson, E.N. and Schoenau, J.J., 2014, A bioassay evaluation of pyroxasulfone behavior in prairie soils. J. Pestic. Sci. 39(1), 22–28, DACO: 10.6
2932064	2018, FOCUS Herbicide (PCP No. 32292) - Value Summary: Fall Application and Rotational Crop Recommendations, DACO: 10.1,10.2.1,10.2.2,10.2.3.1,10.3,10.3.2,10.3.3,10.4,10.5,10.5.1,10.5.2,10.5.3,10.5.4,10.5.5
2932066	2012, F6180 wild oat control - Fall vs spring application (CNA0889-2012-01 wheat), DACO: 10.2.3.3(B)
2932067	2012, F6180 wild oat control - Fall vs spring application , DACO: 10.2.3.3(B)
2932068	2012, F6180 wild oat control - Fall vs spring application , DACO: 10.2.3.3(B)
2932069	2013, F6180 wild oat control - Fall vs spring application , DACO: 10.2.3.3(B)
2932070	2012, F6180 wild oat control - Fall pre-emergent vs spring post emergent application , DACO: 10.2.3.3(B)
2932073	2014, Pyroxasulfone 12 month recrop to vegetables, DACO: 10.3.3

2932074	2015, Plantback and Recropping Tolerance of high value crops to pyroxasulfone - II (2014-2015), DACO: 10.3.3
2932075	Page, E.R., Cerrudo, D., Westra, P., Loux, M., Smith, K., Foresman, C., Wright, H. and Swanton, C.J, 2012, Why early season weed control is important in maize. Weed Science, 60(3), 423-430, DACO: 10.6
2932076	Van Acker, R.C., Swanton, C.J. and Weise, S.F., 1993, The critical period of weed control in soybean [Glycine max (L.) Merr.]. Weed Science, 41:194-200, DACO: 10.6
3032154	Focus Herbicide- Rationale to add durum wheat as a rotational crop, DACO: 10.3.3

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