

Addition of Hosts Plums and Prunes

Evaluation Report for Category B, Subcategory B.3.12 Application

Application Number: 2006-0325
Application: Addition of Hosts Plums and Prunes
Product: Envidor 240SC Miticide
Registration Number: 28051
Active ingredients (a.i.): Spirodiclofen [SPO]
PMRA Document Number: 1389204

Background

Envidor 240SC Miticide has been registered since May 13, 2005. Envidor 240SC Miticide is registered for the control of mites in pome fruit, stone fruit and grapes. For specific details of uses, application rates and methods, precautions, restrictions, and personal protective equipments, refer to product label.

Purpose of Application

The purpose of this application was to amend the registration of Envidor 240SC Miticide to add hosts plums and prunes.

Chemistry Assessment

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

Health Assessments

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

Envidor 240SC Miticide is currently registered for use on pome fruits and other stone fruits (apricots, cherries, nectarines and peaches) at the proposed application rate. As such, exposure to workers handling the product and reentering treated fields is not expected to increase over the currently registered use pattern for this product.

To support the addition of plums and prunes on the Envidor 240SC Miticide label as a domestic use in Canada, crop field residue data and processing data were considered and the use of spirodiclofen was deemed to be acceptable.

Based on the previously reviewed residue data, a MRL of 1 ppm to cover residues of spirodiclofen in/on stone fruits was recommended. Following the review of additional plum residue data, the existing MRL of 1 ppm in/on stone fruits is still acceptable, and thus no changes are required.

Environmental Assessment

The Envidor 240SC Miticide use rate and method of application for plums and prunes is equivalent to the registered use rate and application method for pome fruits and stone fruits. Therefore, no additional impact to the environment is expected from the use of this product on plums and prunes.

Value Assessment

A value assessment was not required under this application as the only remaining requirement to support use of Envidor 240SC Miticide on plums/prunes was data from residue trial studies.

Conclusion

Following the review of all available data, the addition of plums and prunes on the Envidor 240SC Miticide label is supported. Residues of spirodiclofen in plums and prunes treated according to the Envidor 240SC Miticide label will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

References

PMRA Document Number	Reference
681416	2000, BAJ 2740 240SC - Magnitude of the Residue in Plum Processed Commodities, Bayer Corporation, 109871, MRID: N/S, DACO: 7.4.5
878211	2002, BAJ 2740 240 SC and 40 WG - Magnitude of the Residue in Cherries, Peaches, and Plums (Crop Group 12- Stone Fruits), Bayer Corporation, 110761, MRID: N/S, DACO: 7.3,7.4.1,7.4.2
1120936	2004, Envidor 240 SC - Magnitude of the residue in/on plums, bayer CropScience, DACO: 7.4.1,7.4.2

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