



New or Changes to Product Label – New Pests Evaluation Report for Category B, Subcategory 3.11 Application

Application Number: 2016-5906
Application: New or changes to product label - New pests
Product: DuPont Lumivia Seed Treatment
Registration Number: 32154
Active ingredients (a.i.): 625 g/L Chlorantraniliprole (JIY)
PMRA Document Number: 2722268

Background

DuPont Lumivia Seed Treatment is registered for early season protection of corn (field, pop and seed) from feeding damage by wireworms, cutworms, armyworm (*Mythimna unipuncta*), and suppression of seedcorn maggot. 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 DuPont Lumivia Seed Treatment label to add a claim for early season protection of corn from feeding damage by larvae of Asiatic garden beetle, masked chafers, European chafer, May/June beetles and Japanese beetle at a rate of 0.25-0.75 mg a.i./seed when applied as a seed treatment.

Chemistry, Health, and Environmental Assessments

Chemistry, health, and environmental assessments were not required for this application.

Value Assessment

Support for performance claims were based on efficacy data generated in field trials conducted on field corn at various locations throughout the United States and Canada. The value information supported a rate range of 0.25-0.75 mg a.i./seed for early season protection of corn (field, seed, pop) from feeding damage by larvae of Asiatic garden beetle, masked chafers, European chafer, May/June beetles, and Japanese beetle.

DuPont Lumivia Seed Treatment has value as a new pest management tool for use in corn to manage all listed pests and it represents a new mode of action for use against listed pests, except for European chafer.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided in support of the product, DuPont Lumivia Seed Treatment, and has found the information sufficient to add a claim against larvae of Asiatic garden beetle, masked chafers, European chafer, May/June beetles and Japanese beetle.

References

Applicant Supplied Data:

2685078 2016, n/a, DACO: 10.1,10.2,10.2.1,10.2.2,10.2.3,10.2.3.1,10.2.3.2,10.4,10.5.1
2685079 2016, n/a, DACO: 10.2,10.2.3.2

Additional Published Info:

2706158 OMAFRA Staff, 2009,
<http://www.omafra.gov.on.ca/english/crops/pub811/13general.htm>, Agronomy
Guide for Field Crops - Publication 811 (Chapter 13 - Insects and Pests of Field
Crops), DACO: 10.6

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