



STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
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Risk Integration, Minor Use, and Emergency Response Branch
U.S. EPA Office of Pesticide Programs - 7504 P
Document Processing Desk (SLN)
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RE: EPA SLN Reg. No. WA-110001

Enclosed is Washington Special Local Need (SLN) registration number WA-110001 issued to Syngenta Crop Protection, Inc. for the use of Callisto® Herbicide (EPA Reg. No. 100-1131) for chemigation application method for weed control in cranberry. This registration was issued under authority of Section 24(c) FIFRA.

Callisto® Herbicide is federally labeled for use on cranberries. This SLN will allow chemigation in bearing and non-bearing cranberries. Growers have found Callisto® to be an extremely useful chemical in cranberry beds and it has resulted in remarkable reduction in weed populations in cranberries. Dr. Kim Patten at the Washington State University (360-642-2031) states that Callisto® is currently the best weed control tool they have for some weeds – Lotus (*Lotus coniculatus*), Bog St. John's Wort (*Hypericum anagalloides*), purple aster (*Aster subspicatus*), Silverleaf (*Potenilla pacifica*), but several problems have been noted with broadcast applications of Callisto®. Growers find that it is very difficult to make broadcast applications of Callisto® after fruit set without mechanically damaging the berries, either using backpack applications or a spray boom. This impacts cranberry yields. Also, getting adequate penetration to the weed below the crop canopy can be an issue. The chemigation use addresses these issues. The Washington State Department of Agriculture has received letters in support of this SLN registration from Dr. Kim Patten and Mr. Malcom McPhail of the Pacific Coast Cranberry Research Foundation.

Efficacy, and residue data to support the use Callisto® Herbicide for chemigation application method for weed control in cranberry has been submitted. There is a tolerance of 0.02 parts per million for residues of mesotrione on cranberry (40 CFR 180.571).

If you have any questions, please me at (360) 902-1972 or by email at wswheeler@agr.wa.gov.

Sincerely,

PESTICIDE MANAGEMENT DIVISION

Wendy Sue Wheeler
Pesticide Registration Specialist, Registration Services

Enclosures – SLN Labeling
EPA federal SLN application form [EPA form 8570-25 (1-94)]

cc: Larry Zang, Syngenta Crop Protection, LLC – via e-mail
Dr. Kim Patten, Washington State University – via e-mail
Malcolm McPhail, Pacific Coast Cranberry Research Foundation, via e-mail
WSPRS, Washington State University – via e-mail
Dr. Doug Walsh, Washington State University – via e-mail
Rose Kachadoorian, Oregon Department of Agriculture – via e-mail
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