MEMORANDUM

Date: 24 June 2010


PC Code: 044309
MRID No.: NA
Petition No.: NA
Assessment Type: Single Chemical, Aggregate
TXR No.: None
Decision No.: 424067

FROM: Michael A. Doherty, Ph.D., Senior Chemist
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Health Effects Division (7509P)

THROUGH: Douglas A. Dotson, Ph.D., Senior Chemist
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TO: Kable Davis/Venus Eagle (Team 1)
Insecticide/Rodenticide Branch
Registration Division (7505P)

Valent U.S.A. Corporation has requested that the label for V-10170 2.13 SC, a flowable concentrate insecticide formulation containing 2.13 pounds clothianidin per gallon, be modified to allow aerial application to cotton, potato, and soybean, and to increase the maximum foliar application rate from 4 fluid oz/A (0.066 lb ai/A) to 6 fluid oz/A (0.1 lb ai/A) for cotton and soybean.

Tolerances currently exist for residues of clothianidin in/on these crops as follows:

- Cotton, undelinted seed.........................0.20 ppm
- Cotton, gin byproducts..........................4.5 ppm
- Potato (as part of Subgroup 1C).............0.3 ppm
- Potato, chips.....................................0.6 ppm
- Potato, granules/flakes.......................1.5 ppm
Soybean, seed ........................................... 0.02 ppm
Soybean, forage ......................................... 0.02 ppm
Soybean, hay ............................................. 0.02 ppm

Residue chemistry (M. Doherty, D376011, 31 March 2010) and occupational/residential exposure (S. Wang, D374576, 18 June 2010) evaluations of the requested changes were completed by HED.

None of the label changes would result in increased tolerances for these commodities, or in dietary or occupational risks of concern.

There is a general instruction on Page 7 of the label that specifies “Do not apply by air.” This instruction should be modified to indicate that aerial application is permissible for cotton, potato, and soybean.
Chemical Name: Clothianidin

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HED Records Reference Center
6/30/2010