

Chemical Update

California expands pre-emergence herbicide label

The California Department of Pesticide Regulation in Sacramento recently registered Chateau herbicide from Valent U.S.A. Corp. of Walnut Creek, Calif., for use on bearing stone fruit, pome fruit and strawberries.

It previously had been registered in California for almonds, pistachios, grapes, potatoes, and nonbearing fruit and nut orchards.

Chateau, a pre-emergence herbicide, controls a host of broadleaf weeds, including fleabane, kochia, Russian thistle, pigweed and glyphosate-resistant marestail. It contains the active ingredient flumioxazin, a PPO inhibitor that binds to the soil and has low water solubility.

The herbicide also will not leach or lift off through volatilization to harm adjacent crops.

EPA approves potato pink rot fungicide

FMC Corp. of Philadelphia recently received federal registration for Ranman fungicide to control pink rot in potatoes.

The product was used under a Section 24(c) special local needs permit in four states last year. The Section 3 federal label allows it to be used throughout the United States.

Ranman contains the active ingredient cyazofamid, which has a unique mode of action. It is effective against mefenoxam- and metalaxyl-resistant pink rot strains.

The FMC fungicide is applied in-furrow and acts as a protectant with anti-sporulation activity.

Although it is not systemic, it does provide limited translaminar movement when used as a foliar treatment.

The Environmental Protection Agency had registered Ranman earlier to control late blight in potatoes.

Miticide receives California registration

Bayer CropScience of Research Triangle Park, N.C., recently received California

registration for Envidor 2 SC miticide for use on citrus, pome fruit, stone fruit, grapes and tree nuts.

The product, which contains the active ingredient spirodiclofen, is a selective, foliar miticide that targets brown mites, European red mites, pacific mites and twospotted spider mites.

Envidor is a member of a new chemical

class, tetrionic acids, which has a unique mode of action.

It is active on all life stages of mites, including eggs, immatures and female adults.

Although mites treated with the product may be visible for several days afterward, they are not damaging plants and will die eventually.



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