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Colorado Potato Beetle Foliar Insecticide Menu for Potato Growers

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Neonicotinoids such as Admire Pro, Platinum, etc., are often used at planting and should not be followed by a foliar application of a neonicotinoid due to resistance development in the Colorado potato beetle. The Colorado potato beetle has developed resistance to more than 50 insecticides. Switching among IRAC groups is a good resistance management strategy to slow the development of resistance. Instead of another neonicotinoid, select an insecticide from the options below if needed.

Most IPM compatible

Mode-of-action (IRAC class number)

Avermectins (6): Agri-Mek

Diamides (28): Coragen, Coragen eVo, Exirel, Verimark, Harvanta, and Vantacor

Spinosyns (5): Radiant, Entrust, Blackhawk, Conserve

IGR/Benzoylurea (15): Rimon

Btt products (11A)

Butenolides (4D): Sivanto 200SL

Cryomazine (17): Trigard

RNA interference (35): Calantha

A Colorado potato beetle adult and late-instar larva on a leaf.

Broader pest spectrum

Mode-of-action (IRAC class number)

Combo diamide products (28+): Besiege, Durivo, Elevest, and Minecto Pro

METI (21): Torac EC

Oxadiazines (22): Avaunt, Avaunt EvO

Organophosphates (1B): Imidian 70W

Meta-diamides (30): Zivalgo

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