

VYDATE L, METHYL BROMIDE ALTERNATIVE FOR NEMATODES AND INSECTS IN VEGETABLES

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Summary

In the quest to find replacements for methyl bromide, Vydate L Insecticide/Nematicide offers growers a unique product that can be used in many methyl bromides cropping systems. Vydate L has a proven track record in controlling nematode and insect pests in tomatoes, peppers, cucumber, melons, squash, and carrots. Vydate L is soluble in water and fits well into drip irrigation systems providing safety and ease to applicators. The rate required for effective control and the amount of active ingredient allowed per growing season allow for multiple applications which is significant in multiple cropping systems. Plant yield increase and fruit quality have been consistent and in many cases significantly better in programs using Vydate L.

In Southern Europe, Vydate L has been identified as a standard in their methyl bromide replacement efforts. Vydate L is applied via drop irrigation in a program approach with other chemicals. Vydate L has demonstrated superior control of root knot nematode, aphids, whiteflies, and thrips that attack tomatoes, pepper, and melons. Increased yield and crop quality in programs where Vydate is used has been a strong selling point.

In the United States, Vydate L is currently labeled on many methyl bromide treated crops including tomatoes, peppers, melons, squash, and carrots. Researchers in Georgia and Florida are currently conducting field programs to identify how Vydate L will fit in combination with other methyl bromide alternatives. Initial data at the University of Florida has shown that Vydate applied alone or in combination with Telone C35 has demonstrated significantly greater marketable yield and extra large fruit in tomato trials. Additional work is on-going looking at how Vydate can be used in second or third crops.

We within DuPont Crop Protection understand the value of Vydate L, as an excellent product for use now and after methyl bromide is gone. Vydate L is unique and we like to tell growers that you can “stake your reputation on it”.