Poster Presentation

COMMERCIALIZATION OF A REPLACEMENT FOR METHYL BROMIDE PREPLANT USE

DAZITOL TAKES HOLD IN JORDAN: 3 CASE STUDIES

By Jonathan Slevin, General Manager
Champon Millennium Chemicals, Inc. – U.S. Operations

Summary

Dazitol is now in commercial use in the Middle East as a replacement for methyl bromide, following extensive demonstrations and trials over the past two years. In 2003, 10T of Dazitol have been sold in the Middle East for commercial use. Crops of cucumbers and melons have been harvested and brought to market. Yields are 20% to 25% GREATER than yields using methyl bromide, any pesticides with special exemptions or IPM methods. Dazitol cost compares favorably with the cost of methyl bromide.

This poster produces three case studies from Jordan and one from the U.S.:

1) Results from Dazitol trials on cucumber crops funded by UNDP and GTZ for two years on the farm of Mr. Ziad Tommanieh;
2) Application of Dazitol with solarization on 29 greenhouse tunnels of 1,049 cucumber plants each in the Jordan Valley, on the farm of Mr. Kamal Alghzawi;
3) Application of Dazitol for open field growing of melons on a Jordan Government Farm, lower Jordan Valley;
4) Application of Dazitol on tomato crops at Manley Farms, Bonita Springs, FL.

Dazitol and Methyl Bromide are the only two products registered with the U.S. EPA as a nematicide/fungicide/insecticide. The active ingredients of Dazitol are plant chemicals found in essential oils which are the defense chemicals from plants; in particular, capsaicin from chili peppers and allyl isothiocyanate from mustard seeds. Dazitol’s dual action formula kills on contact and maintains a repelling action against nematodes, fungus, insects, and pre-emergent weeds.