

BURIED DRIP APPLICATION STUDIES WITH INLINE AND TELONE EC IN MELONS, 1999-2003.

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Field studies were conducted each year from 1999 through 2003 with InLine (emulsified 1,3-dichloropropene + chloropicrin) and Telone EC (emulsified 1,3-dichloropropene) applied by chemigation through buried drip tape. After application and label-mandated waiting periods, melons were planted and allowed to progress through maturity. No phytotoxic symptoms were detected in melon plants in any of the studies. On land known to be infested with *Pythium spp.* and *Monosporascus cannonballus*, pre-plant treatment with both products increased yields. When assessments of these soil pathogens were made, InLine and Telone EC were found to reduce their prevalence in the soil. InLine was more effective than Telone EC for *M. cannonballus* control. In the Yuma, AZ studies, metam did not result in measurable yield increase, compared to the untreated control.

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