

SECTION 1

Mites and Sap-Sucking Insects

MITE AND INSECT CONTROL WITH AC 801,757 (MK-239) ACARICIDE.  
R.L. Johnston, T. Alby, Field Agriculturists  
American Cyanamid Company, Princeton, NJ. 08540.

AC 801,757 (MK-239) is an experimental acaricide discovered by MKC which is being co-developed by American Cyanamid Company. The new acaricide is characterized by its low mammalian toxicity, good knockdown and residual properties, and safety to crops. It is active on egg and motile life stages of mites. In field trials in W. Europe and the United States in 1989-90, AC 801,757 at rates of 5-20 g ai/100 liters provided excellent control of major mite pests of fruit and vine crops, such as Panonychus ulmi. It is active on Tetranychus spp. on cotton, Psylla pyricola on pear, and Scirtothrips citri and Phyllocoptruta oleivora on citrus. Cyanamid expects to introduce this compound in the United States in the mid 1990's.