

Pesticide Information Request Response
Arid Southwest IPM Network
May 19, 2008

Active Ingredients:

Carbaryl

Crops/Target sites:

Floriculture—outdoors and West of the Mississippi River.

Contacts / Extent of Response:

This information request was forwarded from the Arizona Pest Management Center to key contacts in Arizona, New Mexico, Nevada, and the low desert regions of Southeastern California. Contacts included entomologists, commercial horticulture specialists and county agents throughout the region. However, responses represented are *limited to Arizona*, as we received no specific feedback from the other states. In addition, we searched available Pesticide Use Reporting (PUR) data (2001-2005) for Arizona.

Data Sources:

Peter Ellsworth, Entomologist, University of Arizona; Rick Gibson, County Director and Agent, Pinal County, AZ; Rob Call, County Agent, Horticulture, Cochise County, AZ.

Response Summary:

There is a small acreage of outdoor floriculture in Arizona, in Pinal and Maricopa Counties. In each case, with less than 10 inches rainfall per year, irrigation is used. It is uncertain if any drip, overhead or sprinkler irrigation is used, but some furrow irrigation is used. Irrigation frequency is likely somewhere between weekly and monthly.

A search of the Arizona PUR database (2001-2005) revealed no reported applications of carbaryl in chrysanthemums, roses, or unspecified flowers during this time period.