



Imazalil Use in Arizona

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Source of Information Request: USDA Office of Pest Management Policy, Received Jan 23, 2014.

Response Date: March 24, 2014

Information Request:

Office of Pest Management Policy requested information on agricultural uses of imazalil, which is undergoing Registration Review.

Process:

The Arizona Pest Management Center (APMC) requested input from Extension specialists, plant pathologists, crop consultants, pest control advisors and Arid Southwest IPM Network contacts in AZ, CA, NM and NV. We also queried the APMC Pesticide Use Database, which contains uses reported to the Arizona Department of Agriculture since 1991. We did not get a timely response from all contacts, but have summarized important stakeholder comments below.

Comments

No uses of imazalil for the past 10 years were indicated in the Arizona Pest Management Center Pesticide Use Database. However, since its primary use is for post-harvest applications in citrus, these uses would not require reporting to the Arizona Department of Agriculture and therefore would not be likely to exist in our data.

After contacts with Arizona and New Mexico Extension specialists, pest control advisors and a major citrus packing operation in Arizona, we did confirm that imazalil is applied by this packer to all lemons postharvest at the first sign of fruit breakdown, typically starting in December or November. Fungicides play an important role post harvest in ensuring that fruit makes it to the marketplace, helping to keep the fruit sound and avoid punctures. Imazalil is rotated with TBZ [Thiabendazole] to help prevent the development of resistance. In some cases, mixtures of Imazalil and TBZ may be used.