

## Patricia D. Hastings

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**From:** "Patricia D. Hastings" <hastings@aesop.rutgers.edu>  
**To:** "NJinPAS Network" <NJinPASNetwork@aesop.rutgers.edu>  
**Sent:** Thursday, July 15, 2004 2:34 PM  
**Subject:** Amitraz Preliminary Risk Assessments for Pending TRED Released

**Action:** EPA has just released for public comment the preliminary human health and ecological risk assessments and related documents for the pesticide amitraz in support of the pending TRED (*see history below*). Use the EPA EDocket query for [OPP-2004-0048](http://www.epa.gov/edocket) @ <http://docket.epa.gov/edkpub/do/EDKStaffQuickSearchResults> to query for amitraz risk documents and voluntary cancellation requests. Comments are due to the EPA by on or before August 30, 2004. Comments received regarding the preliminary risk assessments will help EPA determine whether amitraz presents risks that require mitigation.

EPA preliminary risk assessments for amitraz suggest that **residential risks of concern may be posed by the dog collar use**, and a **dietary risk of concern may be posed by residues in milk**. EPA has stated that amitraz' toxicology profile cannot be completely characterized due to several major data gaps. EPA cautions, however, that the risk assessments for amitraz are preliminary and that further refinements may be made. Risk assessments reflect only the work and analysis conducted at the time they were produced. As new information becomes available, the conclusions they contain may change. Also, if significant risk concerns are identified for a pesticide at any time during or after the review process, EPA will make risk management decisions as appropriate to mitigate those risks.

**Background:** Amitraz is a formamidine insecticide/acaricide used on beef cattle, dairy cattle and hogs for mite, tick and lice management, and is impregnated into dog collars for flea and tick control. The following 7 **amitraz products are registered in NJ**: Mitac, Preventic and Preventic Plus for dogs, Zema Tick Death, Francodex Tick Arrest, and Tactic EC. Several other food crop uses of amitraz are already in the process of being voluntarily canceled by the manufacturer and are not included in EPA's current risk assessments; however, import tolerances will remain for hops and cottonseed. At one time, amitraz was registered as an impregnated strip controlling parasitic mites in beehives (bee mite strips); this use was voluntarily cancelled. *Amitraz was previously registered as a wettable powder (50 and 19.8 percent active ingredient; registrations 264-625 and 264-636,) for use on pears and cotton, but has since been requested to be voluntarily cancelled (March 17, 2004).*

### Registration Eligibility for Amitraz History:

1. **1995 RED** --The Reregistration Eligibility Decision (RED) for amitraz was issued in 1995 prior to Food Quality Protection Act (FQPA) enactment in 1996. The EPA's Cancer Assessment Group (CAG) has evaluated and classified amitraz as a Group C, possible human carcinogen. The labeling currently required for amitraz states "This pesticide is toxic to fish and aquatic invertebrates".
2. **Revised Risk Assessments for TRED**--The process of reevaluating amitraz in accord with FQPA has required revision of the original risk assessments for the RED. Thus, EPA has just released for public comment the preliminary human health and ecological risk assessments and related documents for the pesticide amitraz in support of the pending TRED (**this release**).
3. **2004 TRED Due**-- Next, EPA plans to complete an updated tolerance reassessment decision document, known as a TRED, for amitraz in September 2004 to reevaluate amitraz in accord with FQPA.

**Source:** [Federal Register: June 25, 2004 (Volume 69, Number 122)][Notices][Page 35600-35602]  
<http://www.epa.gov/EPA-PEST/2004/June/Day-25/p14462.htm>. See also 'R.E.D. FACTS' Amitraz @ <http://www.epa.gov/opsrrd1/REDs/factsheets/0234fact.pdf>.

See previous NJinPAS posting dated 3/19/04 entitled 'Bayer Amitraz: 2 Voluntary Cancellation Requests' @ <http://www.pestmanagement.rutgers.edu/NJinPAS/postings/amitrazvolcan.pdf>.

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