

US EPA ARCHIVE DOCUMENT



Reregistration and Registration Review Overview

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October 18, 2007

FY 2007 Highlights

- Fulfilling statutory mandates to protect human health and the environment
 - 100 % of tolerance reassessment completed
 - N-methyl carbamate cumulative risk assessment completed
 - Over 95% of all reregistration eligibility decisions completed
 - Closing out Special Reviews
 - Expanding Registration Review program

FQPA Expanded Scope of Protection

- FQPA set new safety standard, reasonable certainty of no harm
- EPA was to reassess 9,721 tolerances in 10 years, considering:
 - greater susceptibility of infants and children
 - aggregate exposure
 - cumulative effects
 - possible estrogenic or endocrine effects

Tolerance Reassessment

- EPA was to complete 100% of all tolerance reassessment decisions within 10 years
 - over 99% completed by August 3, 2006
 - 100% completed by September 30, 2007

Tolerance Accomplishments

- In completing all 9,721 tolerance reassessment decisions, EPA
 - Recommended revocation of over 3,300 tolerances, including almost 500 kids' food tolerances
 - Confirmed safety of over 6,400 existing tolerances
 - 1,300+ needed to be modified
 - About 540 raised
 - About 775 lowered
 - 5,000+ needed no changes

Tolerance Reassessment Summary Breakdown

Category	Tolerances to be Reassessed	Tolerances Reassessed as of 9/30/07	Tolerances Remaining	Percentage Reassessed
Organophosphates	1691	1691	0	100%
Carbamates	545	545	0	100%
Organochlorines	253	253	0	100%
Carcinogens	2008	2008	0	100%
Inert Ingredient Tolerance Exemptions	844	844	0	100%
Others	4380	4380	0	100%
TOTALS	9721	9721	0	100%

Reregistration

- EPA is to reevaluate pesticides first registered before November 1984
- Decisions captured in Reregistration Eligibility Decisions (REDs)
- PRIA tells EPA to complete
 - Food-use REDs by August 3, 2006
(99% completed on time)
 - Non-food-use REDs by October 3, 2008
(on track)

Reregistration Status

- Universe of 613 chemical cases
 - 357 REDs completed (58%)
 - 229 voluntary cancellations (37%)
 - 27 REDs still to complete (5%)
 - 25 non-food use REDs
 - 2 REDs with food uses (ETO and MeBr) – tolerances for these pesticides have been reassessed

Reregistration Accomplishments

- EPA has completed decisions for over 95% of all reregistration cases
- Resulted in over 4,600 end-use product registrations cancelled
- Ensured that many pesticide products can be used safely, according to approved labeling

FY 2007 REDs Completed (27)

- 2,4-DP-p
- Aldicarb
- Aliphatic alcohols
- Aliphatic esters
- Alkyl trimethylenediamines
- Allethrin stereoisomers
- 4-Aminopyridine
- Antimycin A
- Benzoic Acid
- Bioban-p-1487
- Bromonitrostyrene
- Carbaryl
- Carbofuran
- Chlorflurenol
- Dikegulac sodium
- Flumetralin
- Formetanate HCl
- Glutaraldehyde
- MCPP-p
- Mefluidide
- Naphthenate salts
- Octhilinone
- Oxamyl
- Para-Dichlorobenzene
- Polypropylene glycol
- Rotenone
- Trimethoxysilyl quats

N-methyl Carbamate Cumulative Human Health Risk Assessment

- Completed September 2007
- Considered together with risk mitigation identified for individual NMC pesticides, cumulative risks are below FQPA regulatory level of concern
- NMC tolerances are reassessed
- EPA attained tolerance reassessment goal – all pesticides used on food in the US meet stringent FQPA safety standard

Individual NMC Decisions

- Final decisions for each of the 10 NMC pesticides are now completed
- Older REDs updated; IREDs became REDs
- Individual NMC pesticides include:
 - Aldicarb
 - Carbaryl
 - Carbofuran
 - Formetanate HCl
 - Methiocarb
 - Methomyl
 - Oxamyl
 - Pirimicarb
 - Propoxur
 - Thiodicarb

Special Reviews in FY 2007

- Finalized close-outs for
 - 2,4-D
 - 2,4-DB
 - 2,4-DP
- Proposed close-outs for
 - DDVP
 - Oxydemeton-methyl (ODM)
 - Ethyl parathion
 - Tributyltin (TBT)

What's Next for Reregistration and Special Review?

- Complete 27 Remaining REDs
- RED Implementation
- Special Review Close-Outs

FY 2008 REDs (27)

- Acrolein
- Amical 48
- Busan 77
- Chloropicrin
- Chromated arsenicals (CCA)
- Coal tar/creosote
- Dazomet
- Ethylene oxide
- Formaldehyde
- Grotan
- Inorganic thiosulfates
- Methyl bromide
- Methylthiocarbamate salts (metam sodium/metam potassium)
- MITC
- Naphthalene
- Nicotine
- Organic esters of phosphoric acid
- Pentachlorophenol
- Prometon
- Siduron
- Sodium fluoride
- Sulfometuron methyl
- Sumithrin
- TBT-containing compounds
- Tetramethrin
- Triclosan (irgasan)
- Triforine

RED Implementation

- Carbofuran, arsenicals, PCNB
- Rodenticides
- Petition responses – atrazine, carbaryl, chlorpyrifos, DDVP, EBDCs, mancozeb, sodium cyanide
- Response to comment on decisions
- Any necessary addenda to REDs
- DCIs
- Data reviews (acute toxicity, product chemistry)
- Label reviews and product reregistration
- Tolerance rules

Special Reviews in FY 2008

- Finalize close-outs for DDVP, ethyl parathion, ODM, TBT
- Aldicarb and ETO – close out after RED comment periods have closed
- Atrazine, simazine, propazine – close out after SAP for cancer

Registration Review

- EPA opened for comment dockets for first 25 registration review cases during FY 2007
 - 15 conventional chemicals
 - 4 antimicrobials
 - 6 biopesticides
- Dockets include
 - Preliminary work plan
 - Fact sheet
 - Problem formulation for case

Registration Review

- Completed final workplans for 13 cases during FY 2007
- Developing DCIs, risk assessments, decisions
- Opening 45 new dockets in FY 2008, including 30 conventionals

EPA Information on www.

- Reregistration

<http://www.epa.gov/pesticides/reregistration/>

- REDs

<http://www.epa.gov/pesticides/reregistration/status.htm>

- Cumulative Risk Assessment

<http://www.epa.gov/pesticides/cumulative/>

- Special Review

http://www.epa.gov/oppsrrd1/special_review/

- Registration Review

http://www.epa.gov/oppsrrd1/registration_review/

- Registration Review Schedule

http://www.epa.gov/oppsrrd1/registration_review/schedule.htm

- Office of Pesticide Programs

<http://www.epa.gov/pesticides/>