

**To:** Rusyn, Ivan[IIRusyn@cvm.tamu.edu]  
**From:** Martin, Matt  
**Sent:** Wed 7/1/2015 3:32:48 PM  
**Subject:** RE: ToxRefDB question

I will try and have an answer one way or another for you by the end of this week. Does that work for you?

Thanks,  
matt

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Matt Martin, PhD  
Research Biologist | USEPA-ORD-NCCT  
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"It's tough to make predictions,  
especially about the future." – Yogi Berra

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**From:** Rusyn, Ivan [mailto:IRusyn@cvm.tamu.edu]  
**Sent:** Wednesday, July 01, 2015 10:17 AM  
**To:** Martin, Matt  
**Subject:** RE: ToxRefDB question

Matt,

thank you for looking.

Also, have you seen my email with the feedback on Nours paper? It is not a bad review so I will be working to make revisions. Is your wih still to be taken off or can you reconsider?

Thank you!

Sent via the Samsung Galaxy Note® 3

[illegible]

**From:** Kathryn Guyton [mailto:GuytonK@iarc.fr]  
**Sent:** Monday, June 01, 2015 2:09 PM  
**To:** Martin, Matt; Rusyn, Ivan  
**Subject:** Re: ToxRefDB question

Thank you, Matt!

I have a (hopefully) quick question regarding the rat study (Stout and Ruecker, MRID 41643801):

The ancient PDF (<http://www.epa.gov/pesticides/chemicalsearch/chemical/foia/cleared-reviews/reviews/103601/103601-263.pdf> ) mentions kidney effects— see attached; are these in ToxRefDB?

Thanks so much for taking a look.

Kate

**From:** <Martin>, Matt <[Martin.Matt@epa.gov](mailto:Martin.Matt@epa.gov)>  
**Date:** Monday 1 June 2015 19:46  
**To:** Kate Guyton <[guytonk@iarc.fr](mailto:guytonk@iarc.fr)>, "Rusyn, Ivan" <[IRusyn@cvm.tamu.edu](mailto:IRusyn@cvm.tamu.edu)>  
**Subject:** RE: ToxRefDB question

Hi Kate,

The most recent release of toxrefdb is actually on our toxcast data download page. Apologies but we have had some issues maintaining versioning.

<http://epa.gov/ncct/toxcast/data.html>

The full database flat file is  
toxrefdb\_study\_tg\_effect\_endpoint\_AUG2014\_FOR\_PUBLIC\_RELEASE.csv

Matt

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**From:** Kathryn Guyton [<mailto:GuytonK@iarc.fr>]  
**Sent:** Monday, June 01, 2015 12:25 PM  
**To:** Rusyn, Ivan; Martin, Matt  
**Subject:** ToxRefDB question

I hope you are both well. I have a basic (I.e., stupid) question on ToxRefDB. In searching on glyphosate, I arrive at the page below. It doesn't include all the studies mentioned in the draft, i.e., the study below. It also doesn't give the dose for the studies, or the effects....

Am I searching in the correct place/way? Any guidance appreciated.

Many thanks,

Kate

Stout & Ruecker, 1990

<other>StoutL, RueckerF (1990). Chronic Study of Glyphosate Administered In Feed To Albino Rats: Lab Project Number: Msl-10495: R.D. 1014. MRID 41643801. Peer reviewed by EPA. Available from <http://www.epa.gov/ncct/toxrefdb/></other>

<http://actor.epa.gov/actor/GenericChemical?casrn=1071-83-6>

|                     |                                                                                                                                                                                                                                                  |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Study Type:         |                                                                                                                                                                                                                                                  |
| Species:            | rat                                                                                                                                                                                                                                              |
| Year:               | 1987                                                                                                                                                                                                                                             |
| MRID:               | 40559401                                                                                                                                                                                                                                         |
| Study Deficiencies: | Classified as an acceptable dose range-finding study for a subsequent chronic study. Deficiencies: clinical chemistries only performed once and on a small number of animals, pancreas not histologically examined at low- and mid-dosage levels |
| Citation:           | Stout, L.; Johnson, C. (1987) 90-day Study of Glyphosate Adminis- tered in Feed to Sprague/Dawley Rats: Proj. ID ML-86-351/EHL 86128. Unpublished study prepared by Monsanto Agricultural Co. 267 p.                                             |
| Data Quality:       | Acceptable Guideline (pre-1998)                                                                                                                                                                                                                  |
| Guideline No:       | 870.3100                                                                                                                                                                                                                                         |
| Guideline Name:     | Subchronic oral toxicity in rodents                                                                                                                                                                                                              |
| Strain:             | Sprague Dawley                                                                                                                                                                                                                                   |
| Admin Method:       | Feed                                                                                                                                                                                                                                             |
| Admin Route:        | Oral                                                                                                                                                                                                                                             |
| Start:              | 0                                                                                                                                                                                                                                                |
| Start Unit:         | day                                                                                                                                                                                                                                              |
| End:                | 3                                                                                                                                                                                                                                                |
| End Unit:           | month                                                                                                                                                                                                                                            |
| Lot/Batch No:       | XLG161                                                                                                                                                                                                                                           |
| Purity:             | 95.21                                                                                                                                                                                                                                            |
| Duration Comments:  |                                                                                                                                                                                                                                                  |

Animal/Dosing Comments:

|                         |                                                                                                                                                                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Study Type:             | DEV                                                                                                                                                                                                                                                             |
| Species:                | rabbit                                                                                                                                                                                                                                                          |
| Year:                   | 1980                                                                                                                                                                                                                                                            |
| MRID:                   | 46363                                                                                                                                                                                                                                                           |
| Study Deficiencies:     |                                                                                                                                                                                                                                                                 |
| Citation:               | Rodwell, D.E.; Tasker, E.J.; Blair, M.; Et Al. (1980) Teratology Study In Rabbits: Irdc No. 401-056. (Unpublished Study Received May 23, 1980 Under 524-308; Prepared By International Research And Development Corp., Submitted By Monsanto Co., Washington, D |
| Data Quality:           | Acceptable Guideline (pre-1998)                                                                                                                                                                                                                                 |
| Guideline No:           | 870.3700                                                                                                                                                                                                                                                        |
| Guideline Name:         | Prenatal developmental toxicity study                                                                                                                                                                                                                           |
| Strain:                 | Dutch                                                                                                                                                                                                                                                           |
| Admin Method:           | Gavage/Intubation                                                                                                                                                                                                                                               |
| Admin Route:            | Oral                                                                                                                                                                                                                                                            |
| Start:                  | 6                                                                                                                                                                                                                                                               |
| Start Unit:             | GD                                                                                                                                                                                                                                                              |
| End:                    | 27                                                                                                                                                                                                                                                              |
| End Unit:               | GD                                                                                                                                                                                                                                                              |
| Lot/Batch No:           | XHJ-64                                                                                                                                                                                                                                                          |
| Purity:                 | 98.7                                                                                                                                                                                                                                                            |
| Duration Comments:      | Cesarean on GD 28.                                                                                                                                                                                                                                              |
| Animal/Dosing Comments: | Rabbit: Dutch Belted.                                                                                                                                                                                                                                           |

Study Type: DEV  
Species: rat  
Year: 1980  
MRID: 46362  
Study Deficiencies:  
Citation: Rodwell, D.E.; Tasker, E.J.; Blair, A.M.; Et Al. (1980) Teratology Study In Rats: Irdc No. 401-054. (Unpublished Study Including Irdc No. 999-021; Received May 23, 1980 Under 524-308; Prepared By International Research And Development Corp., Submitted By  
Data Quality: Acceptable Guideline (pre-1998)  
Guideline No: 870.3700  
Guideline Name: Prenatal developmental toxicity study  
Strain: Sprague Dawley  
Admin Method: Gavage/Intubation  
Admin Route: Oral  
Start: 6  
Start Unit: GD  
End: 19  
End Unit: GD  
Lot/Batch No: XHJ-64  
Purity: 98.7  
Duration Comments:  
Animal/Dosing Rats: COBS SD CD  
Comments:

Study Type: MGR  
Species: rat  
Year: 1990  
MRID: 41621501  
Study Deficiencies:  
Citation: Reyna, M. (1990) Two Generation Reproduction Feeding Study with Glyphosate in Sprague-Dawley Rats: Lab Project No: MSL-10387. Unpublished study prepared by Monsanto Agricultural Co. 1158 p.  
Data Quality: Acceptable Guideline (pre-1998)  
Guideline No: 870.3800  
Guideline Name: Reproduction and fertility effects  
Strain: Sprague Dawley  
Admin Method: Feed  
Admin Route: Oral  
Start: 11  
Start Unit: weeks (premating)  
End: 2  
End Unit: generation  
Lot/Batch No: XLI-203  
Purity: 97.67  
Duration Comments:  
Animal/Dosing Dose; ppm converted to mg/kg/day using conversion factor 1 ppm:0.05 mg/kg/day  
Comments:

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