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**From:** CARR, KATHERINE H [FND/1000] [/O=MONSANTO/OU=NA-1000-01/CN=RECIPIENTS/CN=43435]  
**Sent:** 5/30/2000 8:53:59 PM  
**To:** WRATTEN, STEPHEN J [FND/1000] [/O=MONSANTO/OU=NA-1000-01/CN=RECIPIENTS/CN=119523]  
**CC:** EKE, KEVIN H [AG/5020] [/O=MONSANTO/OU=AP-5020-01/cn=Recipients/cn=43457]; FARMER, DONNA R [FND/1000] [/O=MONSANTO/OU=NA-1000-01/CN=RECIPIENTS/CN=180070]  
**Subject:** RE: Kudos on Publication of Roundup Tox Paper - now posted on the Internet

To my knowledge, there are efforts underway by CanTox to get an electronic version of the Roundup mammalian tox manuscript that can be distributed.

As noted in the last message below, a PDF version is available to journal subscribers on-line at <http://www.idealibrary.com/links/doi/10.1006/rtph.1999.1371>

At this point, there is nothing available except the documents that were submitted to the journal, and these really can't be quoted, but can be used as reference material internally. Currently, these documents are available on the GGTT-Folder (Private area, CanTox folder) for internal use only. As soon as a PDF version of the published document is available for distribution, we'll make that information known.

Since the Journal owns the copyright to this article, Monsanto cannot distribute without approval from the journal and arrangements for copyright fees.

Kathy

-----Original Message-----

**From:** WRATTEN, STEPHEN J [FND/1000]  
**Sent:** Tuesday, May 30, 2000 9:56 AM  
**To:** CARR, KATHERINE H [FND/1000]  
**Cc:** EKE, KEVIN H [AG/5020]  
**Subject:** FW: Kudos on Publication of Roundup Tox Paper - now posted on the Internet

Kathy

I guess you can add Kevin (Monsanto Australia) to your list of recipients for reprints when available.

Steve

PS Kevin, my understanding is that the copyright situation with the journal prohibits Monsanto from making a PDF scanned image to quick distribution and printing. There certainly are word files and such of the submitted text, but it will not look like the publication. Kathy, is this basically right?

-----Original Message-----

**From:** EKE, KEVIN H [AG/5020]  
**Sent:** Friday, May 26, 2000 1:59 AM  
**To:** WRATTEN, STEPHEN J [FND/1000]  
**Cc:** SHAW, MEGAN E [AG/5020]  
**Subject:** FW: Kudos on Publication of Roundup Tox Paper - now posted on the Internet

Steve

Do you have an electronic version of this paper you could send us please ?

Many thanks

Kevin

-----Original Message-----

**From:** SCHUMACHER, RICHARD W [AG/1000]

**Sent:** 25 May 2000 21:10

**To:** ANANTACHAIYONG, THADDAO; BARIA, ARTHUR R [AG/5330]; ADIWILAGA, KARTIKA [AG/5235]; KAPOOR, RAJAN D [AG/6020]; ARNOLD ESTRADA; BILL BLOWES; CONG TRAN; DEDI ABDUL MANNAN; G SHUKLA; HIROO WAKIMORI; HYONG HWANG; KEVIN EKE; LAI WU; MASAYASU FUJIYAMA; MURRAY WILLOCKS; SAMPAN CAMPIRANON; TATSUO SATO; YEEW TENG

**Subject:** FW: Kudos on Publication of Roundup Tox Paper - now posted on the Internet

fyi,

please see the following report concerning a new summary of the rdup tox data written by a group of third party experts.

this can be a very important document to support the safety of our product to regulators, customers, etc.

we'll send you a hard copy as soon as they are available.

regards

rich

The publication by independent experts of the most exhaustive and detailed scientific assessment ever written on glyphosate in "Regulatory Toxicology and Pharmacology" Vol. 31, No. 2, April 2000 (see below) was due to the perserverance, hard work and dedication of the following group of folks. They deserve significant credit for the stewardship result here since this human health publication on Roundup herbicide and its companion publication on ecotox and environmental fate will be undoubtedly be regarded as "the" reference on Roundup and glyphosate safety. Our plan is now to utilize it both in the defense of Roundup and Roundup Ready crops worldwide and in our ability to competitively differentiate ourselves from generics. (You'll notice the publication itself refers specifically to the brand Roundup.)

Thanks to Donna Farmer, Bill Heydens, Kathy Carr, Marian Bleeke, Bill Graham, Mike McKee and Steve Wratten for their hard work over three years of data collection, writing, review and relationship building with the papers' authors. Credit goes to Tom Helscher, Kerry Preete, Larry Evetts, Tom Carrato and Jerry Hjelle for their moral and budget support and counsel and advice. Thanks and credit as well to CanTox (Ian Munro, Douglas Bryant and team) and Arnow & Pollock (Louise Pollock and Khristin Heaney), our consultants, for helping us pull this together through infinite edits and reviews. In addition, the environmental and ecotox publication on Roundup and glyphosate will be published this summer: "Ecotoxicological Risk Assessment for Roundup Herbicide", by John P. Giesy, Stuart Dobson, and Keith R. Solomon, "Archives of Environmental Contamination and Toxicology," Vol. 167 (in press), 2000.

Both documents - meant to be utilized by the next tier of third party scientists for continued Roundup FTO, were written by internationally acclaimed experts in their respective fields of science. It is important to note that this Roundup work was one of the first examples of a scientific outreach model in Ag.

Now the hard work by public affairs begins in utilizing these reference documents to the fullest -- this is where the public affairs strategy begins to kick in globally. I will leave it in the capable hands of Lori Fisher to communicate those next steps as she and the rest of the group work to accomplish their next major result. I am so proud to have been part of this team -- what a significant accomplishment -- congratulations to all.

(Please pass this note on to others in the Ag organization who can utilize these references in defending or building Roundup sales.)

Lisa Drake

-----Original Message-----

**From:** CARR, KATHERINE H [FND/1000]

Sent: Thursday, May 11, 2000 10:22 AM

To: HEYDENS, WILLIAM F [AG/1000]; FARMER, DONNA R [FND/1000]; WRATTEN, STEPHEN J [FND/1000]; BLEEKE, MARIAN S [FND/1000]; MCKEE, MICHAEL J [FND/1000]; DRAKE, LISA M [FND/1000]; FISHER, LORI J [FND/1000]

Cc: dbryant@cantoxenvironmental.com

Subject: Cantox Mammalian article posted on the Internet

Importance: High

The abstract for "Safety Evaluation and Risk Assessment of the Herbicide Roundup and Its Active Ingredient, Glyphosate, for Humans" (Williams, Kroes, and Munro) is now posted on the Internet, at the following link:

<http://www.idealibrary.com/links/doi/10.1006/rtp.1999.1371>

The PDF version of the article is available on-line to subscribers to the journal. Monsanto does not hold a subscription to this service.

Kathy