

**THE MONSANTO PAPERS – MASTER CHART**

Bates	Title	Description
<b>Ghostwriting, Peer-Review &amp; Retraction</b>		
<p>MONGLY03751257</p> <p>4/30/1999</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email Between William Heydens and Larry Kier Re: Glyphosate Genotox Section Comments</a></p>	<p>This document contains email correspondence between William Heydens and Larry Kier re “glyphosate genotox section comments” wherein Dr. Kier expresses concern regarding a Monsanto-initiated publication: “the mixing of formulations and glyphosate is pretty confusing and awkward.”</p>
<p>MONGLY00904913 MONGLY00904914- MONGLY00905041</p> <p>6/1/1999</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email Re: CanTox Glyphosate Manuscript</a></p> <p>AND</p> <p><a href="#">Draft Manuscript Safety Evaluation &amp; Risk Assessment of the Herbicide Roundup and Its Active Ingredient Glyphosate (Williams)</a></p>	<p>Email and attachment whereby Dr. Heydens makes changes and edits to the Williams genotox article.</p>

Bates	Title	Description
<p>MONGLY03751011</p> <p>6/11/1999</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email between William Heydens and Douglas [Redacted] Re: Glyphosate Manuscript</a></p>	<p>This document contains email correspondence between Monsanto’s William Heydens and Douglas [REDACTED] regarding the glyphosate manuscript.</p>
<p>MONGLY01868620 MONGLY01868622- MONGLY01868625</p> <p>6/24/1999</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email Discussing Williams Draft Wherein Heydens States that He “Will Review Final Manuscript with the Reviewers Comments Incorporated”</a></p> <p>AND</p> <p><a href="#">Potential for Endocrine Modulation In Vitro Assays</a></p>	<p>Internal discussion re Williams and the final editing process. William Heydens attaches a portion of the draft.</p>

Bates	Title	Description
<p>MONGLY01869261- MONGLY01869370</p> <p>7/30/1999</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email: Heydens admits to having sprouted gray hairs during the writing of Williams, Kroes &amp; Munro</a></p> <p>AND</p> <p><a href="#">Draft of Williams et. al 2000</a></p>	<p>MONGLY01869261 is an email wherein Dr. Heydens admits to having sprouted gray hairs during the writing of Williams, Kroes, &amp; Munro.</p>
<p>MONGLY00894003 MONGLY00894004- MONGLY00894008</p> <p>11/3/1999</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email Re: very rough draft of adami proposal for ecpa</a></p> <p>AND</p> <p><a href="#">Rough First Draft NHL Proposal for ECPA</a></p>	<p>John Acquavella Rough First Draft NHL Proposal for ECPA wherein Acquavella critically evaluates Hardell et al. 1999 publication</p>
<p>MONGLY01869147</p> <p>11/16/1999</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email Re: Change of Journal for Publication of Williams et al (2000)</a></p>	<p>William Heydens email wherein Dr. Heydens writes to Monsanto colleagues re change of journal for publication of the Williams et al (2000) article.</p>

Bates	Title	Description
<p>MONGLY02624347</p> <p>5/11/2000</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto CEO Hugh Grant Praises Monsanto Employees for Successful Publication of Ghostwritten Williams, Kroes &amp; Munro Study</a></p>	<p>This document contains email correspondence between Monsanto CEO Hugh Grant and numerous Monsanto employees regarding the successful publication of the ghostwritten review, “Safety Evaluation and Risk Assessment of the Herbicide Roundup and Its Active Ingredient Glyphosate” in the names of Williams, Kroes, and Munro, 2000.</p>
<p>MONGLY01841704- MONGLY01841706</p> <p>5/30/2000</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email Congratulating Donna Farmer, Bill Heydens and Others for Contributions to Williams et. al Paper</a></p>	<p>Email communications wherein Monsanto employees Donna Farmer and Bill Heydens are congratulated by higher management for their contributions to the Williams et al (2000) publication.</p>

Bates	Title	Description
<p>MONGLY02645629 MONGLY02645630- MONGLY02645653</p> <p>8/23/2000</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email Re: Hardell Follow-Up</a></p> <p>AND</p> <p><a href="#">Reviews of Hardell &amp; Erikson (99), Nordstrom et. al (98) and Letter to Editor of Journal That Published Hardell Study</a></p>	<p>MONGLY02645629 is an 8-23-00 email exchange between Donna Farmer, Clara Rubenstein and John Acquavella regarding follow-up to the Hardell study, a four prong critique on its finding a link between Roundup and NHL.</p> <p>MONGLY02645630- MONGLY02645653 contains Dr. Acquavella’s and Donna Farmer’s critique of the Hardell (1999) study and associated reviews by Dr. Hans-Olav Adami and Dimitrios Trichopoulos, and Dr. Mark Cullen. The document also includes Monsanto’s letter to the editor of the journal that published the Hardell study.</p>
<p>MONGLY03740001</p> <p>5/4/2001</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email Re: Giving “Roundup shirts” to individuals who worked on the Williams et al publication</a></p>	<p>This document contains emails correspondence between Monsanto employees Katherine Carr and Thomas Hoogheem re “Roundup shirts.” The Monsanto employees discuss giving “Roundup polo shirts” to individuals who worked on the Williams et al publication “as a token of appreciation for a job well done...although I see a lot of people with logoed shirts.”</p>

Bates	Title	Description
<p>MONGLY00888454- MONGLY00888463</p> <p>6/11/2002</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Draft Manuscript “Glyphosate Stewardship, Epidemiology, and the Farm Family Exposure Study,” Team Members, John Acquavella, Marian Bleeke, Donna Farmer, Daniel Goldstein and Christophe Gustin</a></p>	<p>This document contains a draft manuscript, “Glyphosate Stewardship, Epidemiology, and the Farm Family Exposure Study,” Team Members, John Acquavella, Marian Bleeke, Donna Farmer, Daniel Goldstein and Christophe Gustin.</p>
<p>MONGLY00893767 MONGLY00893768- MONGLY00893778</p> <p>12/5/2002</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email Re: Glyphosate Toxicity Summary</a></p> <p>AND</p> <p><a href="#">Edits to Draft Manuscript “Review of the Aquatic Herbicides Aquamaster and Rodeo”</a></p>	<p>MONGLY00893767 is email correspondence between Monsanto employees Donna Farmer, Martin Lemon, and CDFA’s Susan Monheit re: Glyphosate Toxicity Summary. Donna Farmer says, “During one editing, I had basically re-written the thing...” The email includes an attached draft manuscript (MONGLY00893768- MONGLY00893778) “Review of the Aquatic Herbicides Aquamaster and Rodeo” wherein Farmer has provided edits.</p>

Bates	Title	Description
<p>MONGLY02394160  MONGLY02394161-  MONGLY02394195</p> <p>3/20/2008</p> <p>Documents Released:  12/25/2018</p>	<p><a href="#">Monsanto Email:  Pamela Mink Sends  Draft of Paper to  Donna Farmer for  “Review and  Comments”</a></p> <p>AND</p> <p><a href="#">Draft Manuscript of  Pamela Mink Paper</a></p>	<p>Pamela Mink sends a draft of her paper to Donna Farmer for review &amp; comment</p>

Bates	Title	Description
<p>MONGLY01185706- MONGLY01185744</p> <p>MONGLY01185784</p> <p>MONGLY01185785- MONGLY01185822</p> <p>MONGLY01185825</p> <p>5/13/2008 – 5/22/2008</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Donna Farmer Edits on Mink &amp; Mandel Paper</a></p> <p>AND</p> <p><a href="#">Monsanto Email: Daniel Goldstein and Donna Farmer Discuss Edits to Mink &amp; Mandel Paper</a></p> <p>AND</p> <p><a href="#">Daniel Goldstein Edits on Mink &amp; Mandel Paper</a></p> <p>AND</p> <p><a href="#">Donna Farmer and Others Edit Mink &amp; Mandel Paper</a></p>	<p>MONGLY01185706-MONGLY01185744 is an email that includes Donna Farmer’s edits on Mink &amp; Mandel paper.</p> <p>MONGLY01185784 is an email between Donna Farmer, Daniel Goldstein and others in which Farmer and Goldstein share comments and edits to Mink &amp; Mandel paper.</p> <p>MONGLY01185785-MONGLY01185822 is Daniel Goldstein’s edits to Mink &amp; Mandel paper.</p> <p>MONGLY01185825 is another email discussing edits to Mink &amp; Mandel paper.</p>
<p>MONGLY02286842</p> <p>8/19/2008</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Internal Email Showing Dr. Healy Asked Colleagues to Review Study That Found Roundup and Glyphosate Adverse Effects</a></p>	<p>This document is an email from Dr. Charles Healy to Drs. Farmer and Saltmiras wherein Dr. Healy requests that Drs. Farmer and Saltmiras review the article that Dr. Healy has been asked to review: “you two would be the reviewers in fact and I would then collate your comments and be the reviewer of record.” at *1.</p>



Bates	Title	Description
<p>MONGLY01189468</p> <p>9/9/2008</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Internal Email Showing Monsanto's Effort to Silence Science Concluding Roundup Causes Adverse Health Effects</a></p>	<p>This document is an email from Dr. Charles Healy to Drs. Donna Farmer and David Saltmiras wherein Dr. Healy informs Drs. Farmer and Saltmiras that their decision regarding study sent to Dr. Healy for peer-review will determine whether the study will be published.</p>
<p>MONGLY01238768</p> <p>9/12/2008</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Peer Review by Monsanto Scientist Charles Healy Recommending Rejection of Study That Found Glyphosate and Roundup Adverse Effects</a></p>	<p>This document is a peer review by Monsanto employee Dr. Charles Healy of a study titled "Cytotoxicity of herbicide Roundup and its active ingredient, glyphosate in rats". The document contains recommendations for rejecting the study w9/12ich found substantial adverse cytotoxic effects associated with Roundup and glyphosate.</p>
<p>MONGLY00874417</p> <p>6/8/2009</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email Wherein Goldstein Provides His and Other Monsanto Employees' Revisions to Draft Glyphosate Paper</a></p>	<p>This document contains email correspondence between Monsanto employees, Daniel Goldstein, Richard Garnett, Donna Farmer and consultants Darren Roberts, Nick Buckley and others regarding Draft Glyphosate Paper wherein Goldstein provides his and other Monsanto employees revisions on the draft manuscript.</p>

Bates	Title	Description
<p>MONGLY01013201 MONGLY01013205- MONGLY01013222</p> <p>9/16/2009</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email Re: Manuscript CBT0775 for Review - Saltmiras Comments</a></p> <p>AND</p> <p><a href="#">Cell Biology and Toxicology, Draft Manuscript CBT0775: 'Morphological damage of in vitro glyphosate-treated keratinocytes revealed by a combined microscopic investigation'</a></p>	<p>MONGLY01013201 contains email correspondence between Monsanto employees David Saltmiras, Charles Healy, William Heydens, Donna Farmer, Steven Levine regarding Manuscript CBT0775 for peer review of a study showing glyphosate causes skin damage even though they are Monsanto employees with a conflict of interest; includes attachment (MONGLY01013205-MONGLY01013222), Cell Biology and Toxicology, Manuscript Number CBT0775 Morphological damage of in vitro glyphosate-treated keratinocytes revealed by a combined microscopic investigation. Healy writes: "David, if you would, please coordinate the comments on this paper and I will send them in under my name as that is how the journal has set it up."—i.e. a ghostwritten peer review, another violation of peer review guidelines.</p>
<p>MONGLY02097271 MONGLY02097276- MONGLY02097278</p> <p>11/9/2010</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email Re: Draft CLA Letter</a></p> <p>AND</p> <p><a href="#">Edited CropLife America Letter to Editor of the Journal Chemical Research in Toxicology Re: Portrayal of Industry Research</a></p>	<p>MONGLY02097271 is an email exchange between Joel Kronenberg, David Saltmiras and Sean Gehen discussing an edited draft CLA letter re industry research.</p> <p>MONGLY02097276-MONGLY02097278 is the edited letter.</p>

Bates	Title	Description
<p>MONGLY00919381, MONGLY00919400</p> <p>11/18/2010</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Monsanto Email from Donna Farmer Demonstrating Company Manipulation of Glyphosate Studies</a></p>	<p>This document is an email and from Dr. Donna Farmer wherein she informs John DeSesso that she “added a section in genotox from the Gasnier study ...see a attached a critique we did that I took that from. Am working on a section for gasiner in the mechanistic section. Also we cut and pasted in summaries of the POEA surfactant studies.” at *1. The attachment is a draft of the Williams et. al. study with significant edits by Dr. Farmer which is also challenged for confidentiality</p>
<p>MONGLY02406325 MONGLY02406368- MONGLY02406422</p> <p>12/1/2010</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email Between Donna Farmer and Amy Williams Discussing Exponent Manuscript</a></p> <p>AND</p> <p><a href="#">Roundup / Glyphosate Studies: Mladinic (2009), Prasad (2009), Cavalcante (2008), Conners (2003), Holeckova (2006), Piesova (2005), Bolognesi (2009)</a></p>	<p>In MONGLY02406325, Donna Farmer edits and sends a draft of the Exponent manuscript to Amy Williams. Williams asks David Saltmiras for clarification on a section he added: “David...you added this section, please respond.”</p>
<p>MONGLY00976966</p> <p>3/1/2012</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email Re: Anti-Glyphosate Campaign in Germany</a></p>	<p>This document contains email correspondence between Monsanto employees Daniel Goldstein, Yong Gao, Eric Sachs, Susan Martino-Catt et al. regarding Anti-Glyphosate Campaign in Germany, where in Goldstein wrote of Monsanto’s broad solution: “We are certainly aware of and prepared to support this effort. The new publication series on Glyphosate (Williams 2012/repro, Mink 2012 /non-cancer epi, Mandel - pending- cancer outcomes, etc.) is designed to support this effort among other purposes.”</p>

Bates	Title	Description
<p>MONGLY02145917 - MONGLY02145930</p> <p>7/2012</p> <p>Documents Released: 3/14/2017</p>	<p><a href="#">Emails Between William Heydens, David Saltmiras and others Discussing Kier/Kirkland Study</a></p>	<p>In these documents, Monsanto scientist David Saltmiras admits to writing manuscript of glyphosate genotoxicity literature with Larry Kier, a Monsanto consultant (MONGLY02145925). The email correspondence also details how adding scientist David Kirkland to the study would “add credibility.” (MONGLY02145918)</p> <p>“Adding David Kirkland as a co-author to both review papers would add £14,000 (pounds Stirling) to the project, which split by 25 seems a fair investment,” writes Christophe Gustin (Monsanto EU) in a discussion about possible co-authors for glyphosate genotoxicity literature.</p> <p>David Saltmiras writes that adding Kirkland’s expertise to the genotoxicity manuscript “comes at a premium”: “David Kirkland believes his efforts will be less than 10 days at £1,400/day (equivalent to \$21,780 with the current exchange rate), so we are effectively doubling the cost of the combined projects, but reaping significant value/credibility from David Kirkland's involvement. Given the growing number of questionable genotoxicity publications, in my mind this is worth the addition cost.”</p>
<p>MONGLY01126463</p> <p>7/20/2012</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email Re: Greim conflict of interest</a></p>	<p>Email re Greim conflict of interest</p>
<p>MONGLY00971543</p> <p>8/12/2012 - 8/13/2012</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Email Confirming Monsanto’s Intention to Pay Wallace Hayes (Editor of Food and Chemical Toxicology) as Consultant</a></p>	<p>This document is an email from Dr. David Saltmiras to Dr. Heydens wherein Dr. Saltmiras “Contact Wallace Hayes to determine his availability and fees for attending the meeting.”</p>

Bates	Title	Description
<p>MONGLY02185742</p> <p>8/21/2012</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Monsanto Consulting Agreement with Food and Chemical Toxicology Editor Preceding Journal's Retraction of Seralini Study</a></p>	<p>This document is a 2012 consulting agreement between Monsanto and editor of Food and Chemical Toxicology, Wallace Hayes for the period immediately preceding Mr. Hayes's involvement in the retraction of the Seralini paper from Food and Chemical Toxicology.</p>
<p>MONGLY02788071</p> <p>9/18/2012</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email Re: Manuscript Moving Onward - Discussion with David Saltmiras and Monsanto Consultants</a></p>	<p>Email containing discussions between David Saltmiras and Larry Kier and David Kirkland re Kier &amp; Kirkland (2012) manuscript moving forward.</p>
<p>MONGLY01096619</p> <p>9/19/2012 - 9/20/2012</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Monsanto Email Confirming Company's Intimate Relationship with Wallace Hayes, Editor of Food and Chemical Toxicology Journal</a></p>	<p>This document contains an email correspondence between various Monsanto personnel wherein Dr. Saltmiras expresses the following with respect to the recently published study in Food and Chemical Toxicology by Seralini: "Wally Hayes, now FCT Editor in Chief for Vision and Strategy, sent me a courtesy email early this morning. Hopefully the two of us will have a follow up discussion soon to touch on whether I CT Vision and Strategy were front and center for this one passing through the peer review process.... and what is that, Vision and Strategy? I also suspect this paper may be in our own best interests - the last rites for Seralini's few remaining shreds of scientific credibility." at *2.</p>

Bates	Title	Description
<p>MONGLY02079999- MONGLY02080001 MONGLY02080002- MONGLY02080004</p> <p>9/21/2012</p> <p>Documents Released:  12/25/2018</p>	<p><a href="#">Monsanto Email with Consultant Henry Miller Discussing Forbes Article Edited by Eric Sachs</a></p> <p>AND</p> <p><a href="#">Edits and Comments on Draft of Henry Miller Article Scientists Smell A Rat In Fraudulent Rat Study</a></p>	<p>MONGLY02079999-MONGLY02080001 contains email correspondence between Monsanto’s Eric Sachs and Daniel Goldstein, and consultant, Henry I. Miller regarding an article to be published in Miller’s name in Forbes. Miller submits a draft of a rebuttal of the Seralini study that is edited by Sachs (see below).</p> <p>MONGLY02080002-MONGLY02080004 contains email correspondence between Monsanto’s Eric Sachs, Daniel Goldstein and Henry Miller, regarding Seralini, with attachment, “Scientists Smell a Rat in Fraudulent Rat Study.” Sachs writes: “Henry, I made a few suggestions. Where possible I think it is helpful to provide an explanation of how Seralini’s methods either contribute to or directly lead to misleading outcomes....” Sachs identified as “ess” made numerous edits on the attached draft.</p>
<p>MONGLY00900629</p> <p>9/26/2012</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Email from Monsanto Collaborator Bruce Chassy to Editor of Food and Chemical Toxicology Journal Urging Seralini Study Retraction</a></p>	<p>This document contains email correspondence between Bruce Chassy and the Editor of Food and Chemical Toxicology, Wallace Hayes, wherein Dr. Chassy urges Mr. Hayes to retract the Seralini paper at Monsanto’s request (discussed above): “My intent was to urge you to roll back the clock, retract the paper, and restart the review process.” at *2.</p>
<p>MONGLY02063095</p> <p>9/26/2012</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Monsanto Email Chain: Personnel Discusses Plan Seeking Retraction of Seralini Glyphosate Study</a></p>	<p>This document contains a series of email exchanges between various Monsanto personnel regarding letters to the editor of Food and Chemical Toxicology seeking retraction of a study by Professor G.E. Seralini. Mr. Eric Sachs writes about his efforts to galvanize scientists in a letter-writing campaign in order to retract the article: “I talked to Bruce Chassy and he will send his letter to Wally Hayes directly and notify other scientists that have sent letters to do the same. He understands the urgency...I remain adamant that Monsanto must: not be put: in the position of providing the critical analysis that leads the editors to retract the paper.” at *3, 2; <i>see also</i> MONGLY01045298 (below).</p>

Bates	Title	Description
<p>MONGLY00936725</p> <p>9/28/2012</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Monsanto Email Chain Confirming Undisclosed Involvement in Successful Retraction of Seralini Study</a></p>	<p>This document contains email correspondence between Dr. Goldstein and Eric Sachs regarding the Monsanto campaign to retract professor Seralini’s paper. Dr. Goldstein states: “I was uncomfortable even letting shareholders know we are aware of this LTE.... It implies we had something to do with it- otherwise how do we have knowledge of it? I could add ‘Aware of multiple letters to editor including one signed by 25 scientists from 14 countries’ if you both think this is OK.” at *1. Mr. Sachs responds: “We are ‘connected’ but did not write the letter or encourage anyone to sign it.” <i>Id.</i></p>
<p>MONGLY00978886</p> <p>10/9/2012 - 10/10/2012</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Monsanto Email Confirming Attempt to Seek Retraction of Seralini Study</a></p>	<p>This document contains email correspondence between various Monsanto personnel wherein Daniel Goldstein writes the following with respect to professor Seralini’s study: “Retraction- Both Dan Jenkins (US Government affairs) and Harvey Glick made a strong case for withdrawal of the paper if at all possible, both on the same basis- that publication will elevate the status of the paper, bring other papers in the journal into question, and allow Seralini much more freedom to operate. All of us are aware that the ultimate decision is up to the editor and the journal management, and that we may not have an opportunity for withdrawal in any event, but I felt it was worth reinforcing this request.” at *3.</p>
<p>MONGLY01123608 MONGLY01123609</p> <p>12/6/2012</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email: David Saltmiras Discusses Edits on Kier &amp; Kirkland (2012) Manuscript</a></p> <p>AND</p> <p><a href="#">Edits on Kier &amp; Kirkland (2012) Manuscript</a></p>	<p>MONGLY01123608 is an email wherein David Saltmiras discusses tracked additions to Kier &amp; Kirkland (2012)</p> <p>MONGLY01123609 is the attachment from the above email containing David Saltmiras’ edits on Kier &amp; Kirkland manuscript</p>

Bates	Title	Description
<p>MONGLY01129165 MONGLY01129167</p> <p>1/25/2013</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email Discussing David Saltmiras as Co-Author of Kier &amp; Kirkland Paper</a></p> <p>AND</p> <p><a href="#">Draft Manuscript: Review of Genotoxicity Studies of Glyphosate and Glyphosate-Based Formulations</a></p>	<p>MONGLY01129165 contains email correspondence between Monsanto’s David Saltmiras and a consultant regarding Co-author and including draft manuscript “Review of Genotoxicity Studies of Glyphosate and Glyphosate- Based Formulations.” Consultant writes: “Just got off the phone with R. McClellan. Adding you as a co-author is possible. I need to send an email to Roger supporting this and he gave me some guidance for this.”</p> <p>MONGLY01129167 is a Draft Manuscript: Review of Genotoxicity Studies of Glyphosate and Glyphosate-Based Formulations with Saltmiras listed as an author.</p>
<p>MONGLY04086537</p> <p>1/25/2013</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email Discussing whether David Saltmiras should be added as an author to Kier &amp; Kirkland paper</a></p>	<p>This document contains email correspondence between Monsanto’s David Saltmiras and consultants Larry Kier and [REDACTED] regarding the question of whether Saltmiras should be added as an author to an article in which he made significant contributions. Saltmiras writes that this is the “fifth such Glyphosate related manuscript I have been involved with over the past few years without co-authorship.” Larry Keir complains that adding Saltmiras would mean the “authors would no longer be ‘independent.’”</p>
<p>MONGLY04086520</p> <p>1/28/2013</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email Re: Adding David Saltmiras as author on Kier &amp; Kirkland (2012) manuscript</a></p>	<p>Discussion about adding David Saltmiras as author on Kier &amp; Kirkland (2012) manuscript.</p>



Bates	Title	Description
<p>MONGLY01995675 MONGLY01995676</p> <p>3/16/2013</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Scientist John Vicini Contemplates Submitting Draft Manuscript as a Ghostwriter</a></p> <p>AND</p> <p><a href="#">Animal Performance Trends in the United States and European Union Prior to and During Adoption of Genetically Modified Crops</a></p>	<p>MONGLY01995675 is an email exchange in which John Vicini contemplates whether to be a ghostwriter of the attached article (MONGLY01995676) Animal Performance Trends in the United States and European Union Prior to and During Adoption of Genetically Modified Crops</p>
<p>MONGLY01531298 MONGLY01531299</p> <p>5/1/2013</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Internal Manuscript Clearance Form for Greim Study</a></p>	<p>Internal Manuscript Clearance form re Greim study</p>

Bates	Title	Description
<p>MONGLY01227754</p> <p>6/7/2013</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Donna Farmer: David Saltmiras did a “nice job” working with Monsanto’s previous gentox expert on publication</a></p>	<p>Donna Farmer stating that Saltmiras did a “nice job” working with Larry Kier on the Kier &amp; Kirkland (2012) publication.</p>
<p>MONGLY00980158</p> <p>6/27/2013</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Email Re: Publication List Where David Saltmiras Says He Should Have Been a Co-Author for Kier &amp; Kirkland (2013)</a></p>	<p>This document contains email correspondence between Monsanto’s David Saltmiras and Shawna Lemke regarding Publication list, wherein Saltmiras writes: “Key publications where I’m not a coauthor (and justifiably so for all, except the first one)”</p>
<p>MONGLY01045298</p> <p>8/20/2013</p> <p>Documents Released:</p> <p>8/1/2017</p>	<p><a href="#">Monsanto Scientist David Saltmiras Admits to Leveraging Relationship with Editor of Food and Chemical Toxicology Journal in Effort to Retract Seralini Study</a></p>	<p>This document identifies the “Business Goals” of Monsanto employee David Saltmiras for the fiscal year 2013. Dr. Saltmiras explicitly states under the “Employee Comments” section: “Throughout the late 2012 Seralini rat cancer publication and media campaign, I leveraged my relationship the Editor of Chief of the publishing journal, Food and Chemical Toxicology and was the single point of contact between Monsanto and the Journal.” at 6. Moreover, Dr. Saltmiras acknowledges that he “[s]uccessfully facilitated numerous third party expert letters to the editor which were subsequently published, reflecting the numerous significant deficiencies, poor study design, biased reporting and selective statistics employed by Seralini.” at 3.</p>

Bates	Title	Description
<p>MONGLY07596997- MONGLY07597000</p> <p>11/2014</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Press Release Promoting Williams, Kroes and Munro (2000) Article</a></p>	<p>This document is a Monsanto Press Release promoting the article “Safety Evaluation and Risk Assessment of the Herbicide Roundup and its Active Ingredient, Glyphosate for Humans” in the names of Williams, Kroes and Munro (2000)</p>
<p>MONGLY00977264 - MONGLY00977270</p> <p>2/2015</p> <p>Documents Released:</p> <p>3/14/2017</p>	<p><a href="#">Email Correspondence Wherein William Heydens Suggests Experts Could ‘Edit &amp; Sign Their Names’ to Scientific Paper</a></p>	<p>These documents contain email correspondences between William Heydens and other Monsanto personnel. In one exchange, Heydens suggests adding the names of experts to scientific papers to cut down on costs (a practice used by Monsanto in the past): “An option would be to add Greim and Kier or Kirkland to have their names on the publication, but we would be keeping the cost down by us doing the writing and they would just edit &amp; sign their names so to speak. Recall that is how we handled Williams Kroes &amp; Munro, 2000.”</p>
<p>MONGLY01087311</p> <p>2/20/2015</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email Wherein Kier Writes: ‘I don't know who wrote the ‘Summary’ for my paper...it is not the way I would have worded it...’</a></p>	<p>MONGLY01087311 contains email correspondence between Monsanto’s David Saltmiras and Critical Reviews in Toxicology editor, Roger McClellan, and consultant Larry Kier regarding Greim et al. (2015) &amp; Kier (2015) summaries, abstracts and sound bytes, wherein Kier writes: “I don't know who wrote the ‘Summary’ for my paper and certainly don't want to offend them but it is not the way I would have worded it and I would personally not want this used to characterize my paper.”</p>

Bates	Title	Description
<p>MONGLY04022335</p> <p>2/22/2015</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto consultant concerned about affiliation with Monsanto</a></p>	<p>Monsanto consultant Larry Kier concerned about affiliation with Monsanto.</p>
<p>MONGLY01005425</p> <p>2/23/2015 - 2/24/2015</p> <p>Documents Released:</p> <p>8/1/2017</p>	<p><a href="#">Internal Monsanto Email Detailing Company Effort to Preemptively Criticize IARC in the Press Ahead of Glyphosate Report</a></p>	<p>This document contains email correspondence between Eric Sachs (Monsanto) and Henry Miller, a Forbes contributor and fellow of the Stanford Hoover institute. Mr. Sachs asks Mr. Miller: “Are you interested in writing a column on this topic? Ideally, your article would precede the IARC decision. Why not set the table with the weight of scientific evidence before IARC convenes? Then, regardless of what they do, your article will set the stage for a science-based response.” at *2. Moreover, Mr. Sachs informs his Monsanto colleagues: “Henry agreed to author an article on Forbes.com. John will work with a team internally to provide a draft and Henry will edit/add to make it his own.” at *1.</p>
<p>MONGLY02063611, MONGLY02063572</p> <p>3/12/2015 - 3/18/2015</p> <p>Documents Released:</p> <p>8/1/2017</p>	<p><a href="#">Internal Email Demonstrating Monsanto Ghostwriting Article Criticizing IARC for Press</a></p>	<p>This document contains email correspondence between various Monsanto personnel and Henry Miller. Mr. Miller is asked by Monsanto to write about the IARC decision and Mr. Miller responds with a request for a “high quality draft.” at *6. Mr. Eric Sachs (Monsanto) informs Mr. Miller that “We have a draft nearly done and will send to you by tomorrow.” at *5.</p>

Bates	Title	Description
<p>MONGLY02733179 MONGLY02733180</p> <p>3/25/2015</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email: Glyphosate Expert List and Third Parties</a></p> <p>AND</p> <p><a href="#">Glyphosate Expert List Draft: March 18, 2015</a></p>	<p>MONGLY02733179 is an email correspondence between Jennifer Listello, William Heydens and Kelly Clauss with an attachment (MONGLY02733180) Glyphosate Expert List Draft: March 18, 2015</p>
<p>N/A</p> <p>5/2015</p> <p>Documents Released:</p> <p>3/14/2017</p>	<p><a href="#">Monsanto Proposal for Post-IARC Meeting Scientific Projects</a></p>	<p>This is a Monsanto presentation outlining strategies in response to the IARC report. One suggestion: ‘Publication on Animal Carcinogenicity Data’ could be completed with a “[m]ajority of writing done by Monsanto, keeping OS\$ down.”</p>
<p>MONGLY01023968</p> <p>5/8/2015 - 5/11/2015</p> <p>Documents Released:</p> <p>8/1/2017</p>	<p><a href="#">Internal Email Shows Monsanto Involvement with Scientific Studies Without Disclosing Conflicts of Interest</a></p>	<p>This document contains email correspondence between Michael Koch and Dr. William Heydens regarding “Post-IARC Activities to Support Glyphosate”. Dr. Heydens explicitly identifies one of the goals as “Publication on Animal Data Cited by IARC...Manuscript to be initiated by Mon as ghost writers”. at *1.</p>
<p>MONGLY03502994</p> <p>5/28/2015</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email: Steven Levine Discussion of SETAC Symposium Invitation</a></p>	<p>Email exchange between Steven Levine, Zhang Bei, Tracey Reynolds and others discussing SETAC symposium. Steven Levine calls the SETAC symposium “the most important forum to engage academic ‘collaborators.’ These are the ambassadors that defend our products and our science (e.g., Keith Solomon, John Giesy, John Rodgers, etc).”</p>

Bates	Title	Description
<p>MONGLY04234807</p> <p>6/5/2013</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email Re: Payment to Keith Solomon</a></p>	<p>Monsanto Email Re: Payment to Keith Solomon</p>

Bates	Title	Description
<p>MONGLY03500775  MONGLY03500776  MONGLY03500777</p> <p>6/24/2015</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email Discussing Expert Panel Proposal and Post-IARC Meeting Science Proposals</a></p> <p>AND</p> <p><a href="#">Monsanto Presentation: Proposal for IARC Monograph Expert Panel Review – Glyphosate Steering Team (June 2015)</a></p> <p>AND</p> <p><a href="#">Monsanto Presentation: Proposal for Glyphosate Expert Panel – Glyphosate Strategy Team Meeting June 2015</a></p>	<p>MONGLY03500775 contains email correspondence between Monsanto employees, Jennifer Listello, David Heering and William Heydens, regarding Expert Panel Proposal 6-24-15.pptx and includes two attachments, powerpoint presentations, Post-IARC Meeting Science Proposals-Expert Panel.pptx (MONGLY03500776) and Expert Panel Proposal 6-24-15.pptx (MONGLY03500777)</p>

Bates	Title	Description
<p>MONGLY00992949 MONGLY00992953</p> <p>7/1/2015</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Email Between William Heydens and Ashley Roberts (Intertek) Re: Expert Panel</a></p> <p>AND</p> <p><a href="#">Glyphosate Expert Panelists Powerpoint</a></p>	<p>MONGLY00992949 contains email correspondence between Monsanto employee William Heydens and Intertek’s Ashley Roberts regarding Expert Panel, and including an attachment, powerpoint (MONGLY00992953), Glyphosate Expert Panelists.pptx. Heydens writes: “We just learned this morning that we can't have you send out 'invitations' until the names have been approved by our legal group.”</p>
<p>MONGLY00903931</p> <p>7/10/2015</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email Re: Glyphosate Expert Panel with Press Release</a></p>	<p>This document contains email exchanges between various present and former Monsanto employees, consultants and Intertek’s Ashley Roberts regarding the Glyphosate Expert Panel, and includes a press release, “Third - party panel to conduct review of IARC monograph on glyphosate.”</p>
<p>MONGLY01025451</p> <p>7/29/2015</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Interaction Between “Independent” Genotox Expert and Monsanto Lead Toxicologists Farmer and Heydens in Preparation for “Independent” Panel Presentations Disputing IARC Glyphosate Findings</a></p>	<p>Monsanto consultant Larry Kier draft charge questions for genotoxicity and oxidative stress.</p>



Bates	Title	Description
ACQUAVELLAPROD00017681 7/30/2015 Documents Released: 12/25/2018	<a href="#">Monsanto Email Re: Contract Agreements Required of Subcontractors</a>	This document contains email correspondence between Monsanto consultant, John Acquavella and Intertek employees, Pamela Gray and Ashley Roberts regarding agreements required of subcontractors.
MONGLY03501643 7/31/2015 Documents Released: 12/25/2018	<a href="#">Monsanto Email Discussing Intertek Agreement</a>	Email exchange between Karen Carter, Darla Gault, William Heydens and others discussing the Intertek consulting agreement for the Glyphosate Expert Panel.
MONGLY01723742 8/4/2015 Documents Released: 8/1/2017	<a href="#">Monsanto Scientist Admits to Ghostwriting Cancer Review Paper</a>	This document is from the custodial file of Dr. David Saltmiras and is titled “Glyphosate Activities”. Dr. Saltmiras’ activities for 2015 included: “IARC prep: AHS Sorahan reanalysis for multiple myeloma presented at EUROTOX 2012, Kier & Kirkland (2013), ghost wrote cancer review paper Greim et al. (2015), coord Kier (2015) update to K&K, pushed for Sorahan (2015).”
MONGLY02816607 8/6/2015 - 8/14/2015 Documents Released: 8/1/2017	<a href="#">Email Showing Monsanto Paid Multiple Individuals on Expert Panel Prior to and During Review on Glyphosate</a>	This document contains email correspondence between various Monsanto employees wherein Dr. Donna Farmer comments with respect to the Expert Panel: “We have another consulting doing the same thing that John Acquavella is doing for the epidemiology area... Larry Kier is facilitating the gentox area of the expert, panel. We have had a contract with Larry Kier before. How do we get this set up for Larry so that he too can be paid - 12K in 2015? at *2.

Bates	Title	Description
<p>MONGLY02122931 MONGLY02122933- MONGLY02122998</p> <p>8/11/2015</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Bill Heydens comments on Chang &amp; Delzell manuscript</a></p> <p>AND</p> <p><a href="#">Comments on Manuscript Systematic review and meta- analysis of glyphosate exposure and risk of lymphohematopoietic cancers</a></p>	<p>MONGLY02122931 is an email exchange between Bill Heydens and Donna Farmer re: Chang &amp; Delzell manuscript.</p> <p>MONGLY02122933-MONGLY02122998 contains Bill Heydens' comments to Chang &amp; Delzell manuscript.</p>
<p>MONGLY01680756</p> <p>8/17/2015</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Email Showing Monsanto Paid a Consultant on Expert Panel Believed to be Composed of Independent Scientists</a></p>	<p>This document is a consulting agreement between Monsanto and Larry D. Kier, one of the individuals on the Intertek Expert Panel. Although the Expert Panel was supposed to be composed of scientists independent of Monsanto, the consulting agreement demonstrates that Dr. Kier worked directly for Monsanto and this relationship was not disclosed in the published manuscript.</p>

Bates	Title	Description
<p>MONGLY02463329 MONGLY02463331- MONGLY02463443</p> <p>8/17/2015</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Email Discussion Between Donna Farmer and Exponent Employees Ellen Chang and Elizabeth Delzell</a></p> <p>AND</p> <p><a href="#">Confidential Draft: Systematic review and meta-analysis of glyphosate exposure and risk of lymphohematopoietic cancers</a></p>	<p>MONGLY02463329 is an email exchange in which Ellen Chang (Exponent) sends Donna Farmer a draft of the Exponent meta analysis incorporating comments from Acquavella and Sorahan.</p> <p>MONGLY02463331- MONGLY02463443 is the Exponent meta analysis (attachment to email above)..</p>
<p>MONGLY02844211</p> <p>8/28/2015</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email: William Heydens' first draft of the expert panel manuscript</a></p>	<p>William Heydens' first draft of the expert panel manuscript.</p>
<p>MONGLY03934897</p> <p>8/31/2015</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Invoice Showing Monsanto Paid \$20,000 to Expert Panel Member Dr. John Acquavella</a></p>	<p>This document is an invoice dated August 31, 2015 from Monsanto to Dr. John Acquavella in the sum of \$20,700 for "consulting hours in August 2015 related to the glyphosate expert epidemiology panel." at *1.</p>

Bates	Title	Description
<p>MONGLY02735631- MONGLY02735632</p> <p>9/22/2015</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email: Indonesia International Speaker Request with Names of Monsanto Experts</a></p>	<p>Glyphosate Expert list and names of speakers on behalf of Monsanto</p>
<p>MONGLY03056791 MONGLY03056796- MONGLY03056799</p> <p>10/6/2015</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Dan Goldstein asks Sam Cohen to respond to CA Prop 65 decision</a></p> <p>AND</p> <p><a href="#">Monsanto Response to CA Prop 65 Decision: Unsigned Letter to OEHHA</a></p>	<p>Dan Goldstein asks Sam Cohen to respond to CA Prop 65 decision.</p>
<p>MONGLY00904722</p> <p>10/12/2015</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email Re: Glyphosate and Prop 65 – Sam Cohen</a></p>	<p>This document contains email correspondence between Monsanto employees William Heydens, Daniel Goldstein, Donna Farmer and Samuel Cohen of UNMC regarding Glyphosate and Prop 65 wherein Cohen agrees to submit a comment to OEHHA regarding carcinogenicity classification of glyphosate.</p>

Bates	Title	Description
<p>MONGLY01034951</p> <p>10/21/2015</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email Between David Saltmiras, Roger McClellan and Taylor &amp; Francis Re: Glyphosate Papers</a></p>	<p>This document contains emails between Monsanto’s David Saltmiras, Critical Reviews in Toxicology editor, Roger McClellan, and others concerning publicity of Monsanto-sponsored publications defending the safety of glyphosate against the IARC decision. McClellan identifies Saltmiras as the Monsanto contact for providing “key talking points” and [REDACTED] for payment of open access for the Greim et al (2015) article.</p>
<p>MONGLY01030787</p> <p>11/3/2015 - 11/6/2015</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Monsanto Consultant Protests Ghostwriting – I Can’t be a Part of Deceptive Authorship...’</a></p>	<p>This document contains email correspondence between various Monsanto personnel and consultants wherein Dr. John Acquavella protests Monsanto’s ghost-writing activities: “I can’t be a part of deceptive authorship on a presentation or publication... We call that ghost writing and it is unethical.” at *2, 3.</p>
<p>MONGLY04172580</p> <p>12/3/2015</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Donna Farmer redline edits on Chang manuscript (Exponent)</a></p>	<p>Donna Farmer redline edits on Chang manuscript (Exponent)</p>
<p>MONGLY01025794</p> <p>12/7/2015</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Internal Bulletin Re: Expert Panel Review of IARC Monograph</a></p>	<p>Internal company bulletin re expert panel</p>

Bates	Title	Description
<p>MONGLY04724372 MONGLY04724379- MONGLY04724393</p> <p>12/11/2015</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Marian Bleeke sends suggested changes to Solomon on exposure manuscript</a></p> <p>AND</p> <p><a href="#">Study Manuscript: Glyphosate in the general population and in applicators: A critical review of studies on exposures (Solomon)</a></p>	<p>MONGLY04724372 is an email exchange between Monsanto’s Marian Bleeke and Keith Solomon with attachment (MONGLY04724379- MONGLY04724393) containing comments and suggested changes to his “independent” Expert Panel exposure manuscript, showing direct review and revision of the Solomon manuscript by Monsanto, contrary to the acknowledgment and statement of interest indicating no such interaction and editing by Monsanto personnel took place.</p>
<p>MONGLY00999487</p> <p>1/6/2016</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Internal Email: Monsanto Executive William Heydens Admits to Ghostwriting Introductory Chapter in Expert Panel Manuscript</a></p>	<p>This document contains email correspondence between Dr. Heydens and Ashley Roberts (Intertek) wherein Dr. Heydens admits to writing “a draft introduction chapter back in October/November...[a]nd then comes the question of who should be the ultimate author ... you or Gary? I was thinking you for the Introduction chapter and Gary for the Summary chapter, but I am totally open to your suggestions.” at *2.</p>
<p>ACQUAVELLAPROD00014559</p> <p>1/7/2016</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Email Demonstrating Dr. Acquavella’s longstanding consultancy for Monsanto</a></p>	<p>This document contains email correspondence from 2016 between Drs. Acquavella and Heydens discussing Dr. Acquavella’s consulting for Monsanto “on glyphosate litigation.” at *2.</p>

Bates	Title	Description
<p>MONGLY00998682, MONGLY00998687</p> <p>1/9/2016 - 1/13/2016</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Internal Emails Show Monsanto Made Substantial Contributions to Published Expert Panel Manuscript</a></p>	<p>The documents contain email correspondence between Dr. William Heydens and Ashley Roberts (Intertek) wherein Dr. Heydens heavily edits (“here are my suggested edits to the Draft Combined Manuscript” at *1) the Expert Panel’s manuscript drafted in opposition to IARC’s classification of glyphosate. The edited draft is also attached and challenged for confidentiality.</p>
<p>MONGLY02737529 MONGLY02737531- MONGLY02737534</p> <p>1/11/2016</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email Discussing draft of 2016 Solomon exposure paper</a></p> <p>AND</p> <p><a href="#">Draft of 2016 Solomon exposure paper</a></p>	<p>Draft of 2016 Solomon exposure paper</p>

Bates	Title	Description
<p>MONGLY00998682 MONGLY00998686- MONGLY00998720</p> <p>1/13/2016</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email: William Heydens' Edits to "Glyphosate: Carcinogenic Potential - the Conclusions of IARC (2015) - A Critical Review by an Expert Panel"</a></p> <p>AND</p> <p><a href="#">Glyphosate: Carcinogenic Potential - the Conclusions of IARC (2015) - A Critical Review by an Expert Panel with Edits</a></p>	<p>MONGLY00998682 contains email correspondence between Monsanto employee William Heydens, Intertek employee, Ashley Roberts and others regarding Publication Plans, including attachment (MONGLY00998686- MONGLY00998720), "Glyphosate: Carcinogenic Potential - the Conclusions of IARC (2015) - A Critical Review by an Expert Panel" with Heydens' edits.</p>
<p>MONGLY01002651</p> <p>1/22/2016</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email Re: Exposure Manuscript (Solomon)</a></p>	<p>This document contains email correspondence between Monsanto employee William Heydens and Intertek employee, Ashley Roberts regarding Exposure Manuscript (Solomon) for Expert Panel papers.</p>
<p>MONGLY02085862</p> <p>2/4/2016</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Internal Email Further Demonstrating Heydens' Involvement in Drafting Expert Panel Manuscript</a></p>	<p>This document contains an email from Dr. Heydens to Ashley Roberts regarding the introduction to the Expert Panel Manuscript. Among other features, Dr. Heydens' draft attempts to convey "that glyphosate is really expansively used." at *1.</p>



Bates	Title	Description
<p>MONGLY01000676, MONGLY01000680</p> <p>2/8/2016 - 2/9/2016</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Monsanto Executive William Heydens' Edits and Comments on Expert Consultant Manuscript</a></p>	<p>This document contains correspondence between Dr. William Heydens and Ashley Roberts regarding the Expert Panel Manuscript. Dr. Heydens went “through the entire document and “indicated what I think should stay, what can go, and in a couple spots I did a little editing. I took a crack at adding a little text: on page 10 to address John’s comments about toxicologists’ use of Hill’s criteria ... see what you think; it made sense to me, but I’m not sure if it will to others - please feel free to further modify and/or run by Cary.” at *1. The edited draft is also attached and challenged for confidentiality.</p>
<p>MONGLY02307988</p> <p>6/19/2016</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Emails between Intertek’s Ashley Roberts, CRT editor, Roger McClellen, consultant Keith Solomon and Monsanto’s Donna Farmer</a></p>	<p>This document contains emails between Intertek’s Ashley Roberts, Critical Reviews in Toxicology editor, Roger McClellen, consultant Keith Solomon and Monsanto’s Donna Farmer. McClellen expresses concern that Acknowledgements and Declarations of Interest “need further attention” and “If you can say without consultation with Monsanto that would be great.” In the same chain, Solomon is consulting with Monsanto regarding how data from exposure studies was provided for the article in which he is named as an author.</p>
<p>MONGLY02356274, MONGLY02356209</p> <p>6/19/2016 - 7/7/2016</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Editor of Journal That Published Expert Panel Manuscript States Intention of the Panel was to Discredit IARC</a></p>	<p>This document contains email correspondence between Roger McClellan (editor of the journal which published the Expert Panel Manuscript) and Ashley Roberts regarding the Expert Panel Manuscript. Mr. McClellan notes several issues with the initial draft of the Manuscript and states: “These reports are essentially a rebuttal of IARC’s process and conclusions. There appears to be a reluctance to be absolutely clear in presenting exactly what IARC concluded, the Panels conclusions and how they differ.” at *4. The attached initial draft of the manuscript is also challenged for confidentiality.</p>

Bates	Title	Description
<p>MONGLY02310645- MONGLY02310650</p> <p>MONGLY02310651- MONGLY02310681</p> <p>7/9/2016</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email: Journal Editor Roger McClellan Expresses Concerns with Expert Panel Manuscript</a></p> <p>AND</p> <p><a href="#">Draft: Glyphosate in the general population and in applicators: A critical review of studies on exposures (Solomon)</a></p>	<p>MONGLY02310645- MONGLY02310650 is email correspondence wherein Roger McClellan (CRT Editor) shares concerns regarding the expert panel manuscripts, requests acknowledgments from the expert panel members of their not having direct contact with Monsanto, and yet includes email correspondence between Expert Panel member Keith Solomon and Monsanto's Donna Farmer.</p> <p>MONGLY02310651- MONGLY02310681 is Keith Solomon's draft manuscript of Glyphosate in the general population and in applicators: A critical review of studies on exposures (Solomon)</p>
<p>MONGLY04962809</p> <p>9/15/2016</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email Discussing Acquavella consulting agreement</a></p>	<p>Email discussing John Acquavella's consulting agreement extension to November 9, 2017.</p>

Bates	Title	Description
<p>MONGLY08118035 MONGLY07930351</p> <p>3-4/2017</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email Re: Regarding the Unsealed Email About Ghostwriting</a> (1 of 2)</p> <p>AND</p> <p><a href="#">Monsanto Email Re: Regarding the Unsealed Email About Ghostwriting</a> (2 of 2)</p>	<p>MONGLY08118035 contains email correspondence between Monsanto employees Cole Waggoner, David Jacobs and others regarding the unsealed email about ghostwriting wherein Waggoner writes: "Dr. Heydens has since clarified that he incorrectly used the term "ghost-write" to describe his/Monsanto's contributions."</p> <p>MONGLY07930351 is an email correspondence between David Jacobs, Cole Waggoner and others regarding William Heydens' ghostwriting emails unearthed in litigation.</p>
<h2>Surfactants, Carcinogenicity &amp; Testing</h2>		
<p>MONGLY04272152- MONGLY04272153</p> <p>6/3/1976</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Industrial Bio Test Labs Sends Monsanto Results of 28-Day Pilot Study (1976)</a></p>	<p>Results of 28 day pilot study sent to Paul Wright.</p>
<p>MONGLY04272266</p> <p>7/17/1979</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Letter Discussing 18-Month Chronic Mouse Gavage (1979)</a></p>	<p>Letter re discussion of 18-Month Chronic Mouse Gavage.</p>

Bates	Title	Description
<p>MONGLY00893430- MONGLY00893439</p> <p>1981</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Reports: BDN-77-416 (Hogan, Lankas), BDN-77-420 (Knezivich, Hogan), ML-87-148 (Stout, Ruecker), ML-83-137 (Reyna, Ruecker)</a></p>	<p>This document contains a report of Hogan GK and Lankas GR (1981), A Lifetime Feeding Study of Glyphosate (Roundup Technical) in Rats, Monsanto report BDN-77-416.</p>
<p>MONGLY04271635- MONGLY04271639</p> <p>8/24/1983</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Memo Re: Roundup NNG Exposure in Laboratory</a></p>	<p>Memo re Roundup NNG exposure in laboratory</p>
<p>MONGLY04272196</p> <p>12/26/1984</p> <p>Documents Released: 3/15/2017</p>	<p><a href="#">Monsanto Study: Lifetime Carcinogenicity Study in Mice</a></p>	<p>This document contains a Monsanto-led study testing N-nitrosoglyphosate (“NNG”) on mice. Before getting a pass from the EPA, Monsanto conducted this one long-term carcinogenicity test of NNG in mice. The testing was conducted outside of IBT laboratories (which Monsanto had used for NNG testing until it was shut down due to fraud). This study demonstrated a statistically significant increase in malignant lymphomas in male mice. No evidence suggests this study was ever submitted to EPA.</p>
<p>MONGLY01298420</p> <p>6/1986</p> <p>Documents Released: 3/15/2017</p>	<p><a href="#">EPA Document Determining N-nitrosoglyphosate (“NNG”) Studies Not Acceptable</a></p>	<p>This document contains an EPA paper entitled, ‘Guidance for the Reregistration of Pesticide Products Containing Glyphosate as the Active Ingredient’. The EPA initially required that Monsanto test for the carcinogenicity of NNG in the 1970s and early 1980s. The testing for NNG by Monsanto was mainly conducted by IBT laboratories which was shut down in the 1970s due to fraud. The EPA determined that these NNG studies were not acceptable to show that NNG was not mutagenic. The EPA, however, did not require additional testing on NNG provided that Monsanto keep the levels of NNG below 1 ppm.</p>

Bates	Title	Description
<p>MONGLY01312107</p> <p>1/28/1999</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email Discussing EU Genotoxic Studies Indicating Adverse Results Associated with Roundup</a></p>	<p>This document contains email correspondence between various Monsanto employees re “draft of minutes - 1/15 meeting” wherein the recent European genotoxic studies indicating adverse results associated with Roundup are discussed.</p>
<p>MONGLY00978278</p> <p>3/2/1999</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email Re: Glyphosate Annex Review – Mutagenicity</a></p>	<p>MONGLY00978278 contains email correspondence between Monsanto employees Lisa Drake, Donna Farmer, William Heydens and others regarding Glyphosate Annex review-mutagenicity, wherein a Monsanto employee wrote: “We should avoid ‘casting any shadows’ on Roundup, particularly in countries where we have already promoted the safety/environmental superiority of our existing formulations.”</p>
<p>MONGLY06486905</p> <p>4/17/1999 - 4/19/1999</p> <p>Documents Released:</p> <p>8/1/2017</p>	<p><a href="#">Email Exchange Shows Former Monsanto Expert Confirmed Biological Plausibility of Glyphosate as Carcinogen</a></p>	<p>This document contains email exchanges between various Monsanto personnel wherein Dr. Donna Farmer summarizes the findings of Monsanto’s expert, Dr. James Parry: “Dr. Parry concluded on his evaluation of the four articles that glyphosate is capable of producing genotoxicity both in vivo and in vitro by a mechanism based upon the production of oxidative damage.” at *3.</p>
<p>MONGLY00877683</p> <p>7/29/1999 - 8/3/1999</p> <p>Documents Released:</p> <p>8/1/2017</p>	<p><a href="#">Toxicologist Reluctant to Conduct Studies on Glyphosate, Roundup Formulations or Surfactant Ingredients Because Results Could Concern Monsanto</a></p>	<p>This document, from 1999, contains email correspondence from between various Monsanto personnel wherein Dr. Donna Farmer writes: “I will not support doing any studies on glyphosate, formulations or other surfactant ingredients at this time with the limited information we have on the situation.” at *2.</p>

Bates	Title	Description
<p>MONGLY01314233 – MONGLY01314270</p> <p>8/1999</p> <p>Documents Released: 3/15/2017</p>	<p><a href="#">Dr. James Parry Glyphosate Review: 'Evaluation of the potential genotoxicity of Glyphosate, Glyphosate mixtures and component surfactants' - 1999</a></p>	<p>In 1999, Monsanto hired Dr. James M. Parry, professor at the University of Wales, to conduct an internal (and secret) safety review of glyphosate and the formulated product. In the beginning of the report, Dr. Parry identified as the first deficiency in the data: “No adequate in vitro clastogenicity data available for glyphosate formulations.” He, thus, recommends that Monsanto “provide comprehensive in vitro cytogenetic data on glyphosate formulations.” He also concludes, “My overall view is that if the reported genotoxicity of glyphosate and glyphosate formulations can be shown to be due to the production of oxidative damage then a case could be made that any genetic damage would be thresholded...it may be necessary to consider the possibility of susceptible groups within the human population.”</p>
<p>MONGLY00878595 - MONGLY00878597</p> <p>9/2/1999</p> <p>Documents Released: 3/15/2017</p>	<p><a href="#">Monsanto Toxicologist Donna Farmer: Dr. Parry Left Monsanto in a “Genotox Hole”</a></p>	<p>This document contains email correspondence between several Monsanto colleagues discussing the fallout from Dr. James Parry’s report on glyphosate (MONGLY01314233). Donna Farmer (Monsanto Toxicologist) writes: “right now the only person I think that can dig us out of this "genotox hole" is the Good Dr. Kier...I am concerned about leaving Perry [sp] out there with this as the final project/his final impressions...”</p> <p>Stephen Wratten (Monsanto) asks whether Dr. Parry “ever worked with industry on this sort of project?” Later, Wratten intones that the Parry report is not useful for Monsanto: “I do not see that he has stuck his neck out on anything at all controversial, and therefore, there is little value in the write-up as written that could be useful. Hope it didn't cost much...”</p>
<p>MONGLY03734971</p> <p>9/16/1999</p> <p>Documents Released: 3/15/2017</p>	<p><a href="#">Email from William Heydens: Monsanto 'Vulnerable' on Gene Tox After Parry</a></p>	<p>This document contains an email from William Heydens to Monsanto colleagues after reading the Parry report on glyphosate. In his correspondence, Heydens writes after reading the report: "We want to find/develop someone who is comfortable with the genotox profile of glyphosate/Roundup and who can be influential with regulators and Scientific Outreach operations when genotox issues arise. My read is that Parry is not currently such a person, and it would take quite some time and \$\$\$/studies to get him there. We simply aren't going to do the studies Parry suggests.</p>

Bates	Title	Description
<p>MONGLY00878084</p> <p>9/20/1999</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email Discussing Parry Report: “It is clear that the form of this report is not suitable for defense use...”</a></p>	<p>This document contains email correspondence between Monsanto employees Donna Farmer, William Heydens and Larry Kier (Monsanto consultant) regarding Evaluation of the Parry Report wherein a Monsanto employee says: “It is clear that the form of this report is not suitable for defense use....”</p>
<p>MONGLY00878318</p> <p>11/5/1999</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email Re: MicroMicronucleus, Microames in Which Donna Farmer, William Heydens and Others Discuss Surfactants to Test</a></p>	<p>This document contains email correspondence between Monsanto employees Donna Farmer, William Heydens, Sandra Curtiss, James McAdams, Karen Asbury regarding MicroMicronucleus, Microames. This email concerns which surfactants to test.</p>
<p>MONGLY00878564</p> <p>2/4/2000</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email Re: Information on Monsanto Entry II Surfactant</a></p>	<p>This document contains email correspondence between Monsanto employees Donna Farmer, Thomas Hoogheem concerning an inquiry from Jim Shepard of the National Council of Paper Industry for Air &amp; Steam Improvement regarding Monsanto Entry II surfactant.</p>
<p>MONGLY00878828</p> <p>3/8/2000 - 3/12/2000</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Internal Email Shows Monsanto Aware of Surfactant Toxic Effects</a></p>	<p>This document contains email correspondence between various Monsanto personnel wherein it is stated with respect to Roundup surfactants: “While the tallow amine was considered toxic at 62.5 and 15.6 ug/ml, the C12 alkyl sulfate didn’t exhibit toxicity at any of the test doses. While both of these compounds produced a marginal response which didn’t meet the test criteria for a robust positive, they did elicit an effect which was judged to be an equivocal, but test article-related effect.” at *5.</p>

Bates	Title	Description
<p>MONGLY00889984</p> <p>5/26/2000</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email Discussing Roundup and Cancer (2000)</a></p>	<p>This document contains email correspondence between Monsanto employees Donna Farmer, Lisa Drake, John Acquavella, Jay Byrne, and Lori Fisher regarding Roundup and cancer, including a forwarded email announcement New Study Links Monsanto’s Roundup to non-Hodgkins lymphoma.</p>
<p>MONGLY07080361</p> <p>7/5/2000</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Monsanto Scientist Admits Potential for Data Coaching in Monsanto Glyphosate Exposure Study</a></p>	<p>This document is a study “site visit” from July 7, 2000 of the “Farm Family Exposure” study. Dr. John Acquavella (Monsanto employee at the time) and John Cowell conduct the site visit. The report indicates numerous deficiencies with the study, including: “Protocol amendments had not yet been forwarded to the study team from Exponent; Many of the urines were very spotty and we found one day's urine that was obviously doctored. As at the Minnesota field site, the field team is not reviewing the urines carefully and there is little, if any, coaching of the farm families; There were some obvious errors or missing entries in the questionnaires.” at *7-8.</p>
<p>MONGLY00923065</p> <p>2/12/2001 - 2/13/2001</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Monsanto Internal Email: Employee Expresses ‘Serious Concern’ Over Plausibility of Roundup Formulation Carcinogenicity</a></p>	<p>This document contains email correspondence between various Monsanto personnel wherein Dr. Mark Martens states: “I don’t know for sure how suppliers would react - but if somebody came to me and said they wanted to test Roundup I know how I would react - with serious concern. We have to really think about doing formulations even if they are not on the market . . . glyphosate is still in there and could get caught up in some false positive finding. at *1.</p>
<p>MONGLY04683604</p> <p>2/20/2001</p> <p>Documents Released: 3/15/2017</p>	<p><a href="#">Monsanto Finds Levels of N-nitrosoglyphosate (NNG) Exceed the Limit of 1 ppm</a></p>	<p>This document contains email correspondence between Eric Haupfear (Monsanto Director of Process Technology) and others in monitoring NNG levels of glyphosate. In 2000, Haupfear found that the levels of NNG exceeded the limit of 1 ppm due to a manufacturing defect.</p> <p>“Concentration of NNG in Glyphosate: (0.0000143 / 10.24) = 1.4 ppm!!”</p>



Bates	Title	Description
<p>MONGLY00905534</p> <p>4/10/2001</p> <p>Documents Released: 3/15/2017</p>	<p><a href="#">Email Exchange Responding to Dr. James Parry's Request to Test Propachlor (Monsanto Herbicide)</a></p>	<p>In this document, Monsanto executive William Heydens expresses concern over Dr. James Parry's request to evaluate Propachlor, an herbicide that Monsanto holds the patent to. Mark Martens writes that one of the advantages of letting Parry test Propachlor is that will "keep prof Parry happy which will make him a good proponent of glyphosate."</p> <p>Heydens disagrees: "Please don't do anything until we discuss this. Data generated by academics has always been a major concern for us in the defense of our products."</p>
<p>MONGLY00891769</p> <p>9/10/2001</p> <p>Documents Released: 3/15/2017</p>	<p><a href="#">Donna Farmer: Mark Martens' Work with Dr. James Parry "Almost Landed Us with Parry Calling Glyphosate Genotoxic"</a></p>	<p>The document contains email correspondence between Donna Farmer (Monsanto Toxicologist) and Daniel Goldstein. Farmer includes a previous correspondence in which William (Bill) Graham tells colleagues: "One of the problems with email - everyone can start running around looking for solutions. Can we keep this to a limited number of people as we have the opinions and the solutions in Europe."</p> <p>The email also references Mark Martens' work with Dr. James Parry, a highly respected expert in genotoxicity. According to Farmer: "Mark was not managing that well and that almost landed us with Parry calling glyphosate genotoxic....so we had to do these additional studies to make him happy and if it had not been for Larry Kier we would be in dog....."</p>
<p>N/A</p> <p>1/11/2017</p> <p>Documents Released: 3/15/2017</p>	<p><a href="#">Deposition of Donna Farmer (Monsanto Toxicologist)</a></p>	<p>Donna Farmer's 1/11/2017 deposition details Monsanto's reaction to Dr. James Parry's review of glyphosate. Specifically, the deposition covers Monsanto's reluctance to conduct studies suggested by Dr. Parry after being unhappy with Parry's conclusions. Likewise, it appears that Monsanto never submitted Dr. Parry's work on glyphosate to the EPA, even though internal emails describe him as a renowned expert.</p> <p>Farmer is also asked about dermal absorption of glyphosate, and the effect of the surfactant in making glyphosate more able to get into the skin.</p>

Bates	Title	Description
<p>MONGLY00885526 MONGLY00885527</p> <p>4/19/2002 - 4/25/2002</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Monsanto Executive Admits Studies Demonstrate Formulated Roundup 'Does the Damage'</a></p> <p><b>AND</b></p> <p><a href="#">Heydens Discusses European Commission's Request for Endocrine Disruptor Information</a></p>	<p>This document is an email correspondence between Drs. William Heydens and Donna Farmer, wherein the two discuss various studies which observed adverse effects by the formulated Roundup product. Specifically, Dr. Farmer acknowledges: “[t]he interest point is glyphosate all basically [sic] had no effect the formulated product did - does this point us to the coformulants - surfactants? [sic]” at *2. Dr. Heydens also admits, after discussing with Monsanto consultant John DeSesso, that “we are in pretty good shape with glyphosate but vulnerable with surfactants. . . What I’ve been hearing from you is that this continues to be the case with these studies - Glyphosate is OK but the formulated product (and thus the surfactant) does the damage.” at *1.</p> <p>In MONGLY00885527, Heydens and Farmer discuss the European Commission’s request for endocrine disruptor information from plant protection product (PPP) manufacturers and how the European Chemical Industry Council (CEFIC) and its sub-group European Crop Protection Association (ECPA) plotted to provide no information. Heydens on “free studies”: “I want to understand what they all say, and see if there is anything more we should be doing besides the usual ‘pay no attention to the man behind the curtain’... Even though no testing requirements have been implemented for several years now, this damn endocrine crap just doesn't go away, does it.”</p>
<p>MONGLY00885521</p> <p>4/25/2002</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">William Heydens: “we are in pretty good shape with glyphosate but vulnerable—with surfactants....”</a></p>	<p>This document contains email correspondence between Monsanto employees William Heydens, Donna Farmer and others regarding European Commission Endocrine Disruptors developments wherein Heydens wrote: ...”we are in pretty good shape with glyphosate but vulnerable—with surfactants.... Glyphosate is OK but the formulated product (and thus the surfactant) does the damage.”</p>
<p>MONGLY01851796</p> <p>4/30/2003</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email Re: TNO study results</a></p>	<p>MONGLY01851796 contains an email discussion concerning the results of the TNO study. “The conclusions are now very clearly stated that it will not be used for regulatory or risk assessment due to unacceptable results.”</p>

Bates	Title	Description
<p>MONGLY06722565</p> <p>8/14/2003</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email Re: Arguments to Exclude K Toxicity as Cause of Death in M Rats in Study SB-2000-247 with MON 78263</a></p>	<p>MONGLY06722565 is an email re arguments to exclude K toxicity as the cause of death in M rats in study SB-2000-247 with MON 78263.</p>
<p>MONGLY00895484</p> <p>9/17/2003</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email: Donna Farmer Responds to Question About Reproductive Impact of Glyphosate</a></p>	<p>MONGLY00895484 contains email correspondence between Monsanto employees Donna Farmer and Alejandro Oliva,—DIRECTOR, ENVIRONMENT AND REPRODUCTIVE HEALTH PROGRAMME, Argentina, wherein Farmer responds to a query about the reproductive impact of glyphosate.</p>
<p>MONGLY00922458</p> <p>11/21/2003-11/24/2003</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Internal Monsanto Email: ‘You Cannot Say That Roundup is not a Carcinogen’</a></p>	<p>This document contains email correspondence between Donna Farmer and Sekhar Natarajan, in which Dr. Farmer discusses the potential adverse effects of the formulated Roundup product, conceding that “you cannot say that Roundup is not a carcinogen...we have not done the necessary testing on the formulation to make that statement.” at *1-2.</p>
<p>MONGLY00903275</p> <p>7/22/2004</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">John Acquavella calculations reveal “AHS significantly overestimates exposure”</a></p>	<p>This document contains email exchanges between Monsanto employees John Acquavella and William Heydens and CropLife America’s Angelina Duggan regarding [harc] FFESTF-AHS (NCI), wherein Duggan wrote: “John Acquavella conducted a ‘ground truth’ analysis comparing exposure based on the Ag Health Study (AHS) exposure model versus confirmed exposure, as determined by the Farm Family Exposure biomonitoring urinalysis for chlorpyrifos, 2,4-D and glyphosate. Acquavella’s preliminary calculations reveal that in most cases the AHS significantly overestimates exposure.”</p>

Bates	Title	Description
<p>MONGLY00925905</p> <p>9/23/2004</p> <p>Documents Released: 3/15/2017</p>	<p><a href="#">Email Showing Monsanto Had Long Known of N-nitrosoglyphosate (“NNG”) in Roundup</a></p>	<p>This document contains correspondence between Michael Cunningham (Monsanto) and several other colleagues discussing a counter argument against N-nitrosoglyphosate (“NNG”). The email quotes Dr. Ruth Shearer in 1984: "The problem with glyphosate... is that it combines readily with nitrites, found in normal human saliva, to form an N-nitroso compound called N-nitrosoglyphosate. Although that particular compound has not been tested as a cancer-causing agent, over 75% of all other N-nitroso compounds so tested have been shown to cause cancer by way of tumour formation."</p> <p>NNG is found in glyphosate-based formulations such as Roundup, but not necessarily in glyphosate evaluated in animal bioassays. The public will not find any reference to NNG on the Roundup® label. NNG is part of a family of carcinogenic chemicals known as “nitroso compounds”. Nitroso compounds have consistently been identified as carcinogenic following analysis. NNG forms whenever glyphosate interacts with nitrites, whether outside or inside the body.</p>
<p>MONGLY01317143</p> <p>11/2004</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Notes on FFES and accessing AHS data prior to publication</a></p>	<p>MONGLY01317143 contains notes on FFES and accessing AHS data prior to publication</p>
<p>MONGLY06267618</p> <p>2/8/2005</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Memo to CLA Board of Directors – Worker Exposure Issues: Agricultural Health Study Update</a></p>	<p>CropLife America AHS memo.</p>

Bates	Title	Description
<p>MONGLY02669817</p> <p>4/4/2005</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Email correspondence Re: POEA surfactant in aquatic organisms</a></p>	<p>This document contains email correspondence between Science News reporter, Rebecca Renner and Monsanto employees, Eric Sachs, Donna Farmer and Mica Delong, regarding toxicity of POEA surfactant in aquatic organisms. Sachs writes: “We were hoping to avoid going in this direction by sending our narrower response, but Rebecca struck first.”</p>
<p>MONGLY02669795</p> <p>4/5/2005</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Eric Sachs acknowledges that POEA has been shown to be toxic to non-target organisms</a></p>	<p>MONGLY02669795 contains an email exchange between Eric Sachs and Donna Farmer, wherein Sachs acknowledges that POEA has been shown to be toxic to non-target organisms.</p>
<p>MONGLY02721133</p> <p>9/1/2005</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Monsanto PowerPoint Presentation Shows 2010 Regulatory Goals in Germany to ‘Push Back on Data Requests</a></p>	<p>This document is a PowerPoint presentation which details Monsanto’s regulatory goals for 2010. The strategy in Germany was to “Defend POEAs” and “push back on data requests.” at *10.</p>

Bates	Title	Description
<p>MONGLY00968242 MONGLY00968245- MONGLY00968273</p> <p>9/7/2006</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email Re: Draft Minutes Discussing Problems with Agricultural Health Study (AHS)</a></p> <p>AND</p> <p><a href="#">CropLife America Internal Document: SIMS Analysis AHS</a></p>	<p>Monsanto internal criticism of AHS</p>
<p>MONGLY02478386</p> <p>12/20/2007</p> <p>Documents Released: 3/15/2017</p>	<p><a href="#">Internal Email Discussing Metallic Ions in Glyphosate</a></p>	<p>This document contains email correspondence between Monsanto scientist Eric Hauptfear and others discussing potential impurities in glyphosate. The email suggests reticence to conduct further tests on a quantitative level. Daniel Goldstein (Monsanto scientist), who comments in the email chain, says: “No decision has been made that we need to answer this question...I am NOT suggesting analytical work be initiated on this...”</p>
<p>MONGLY02053978</p> <p>4/21/2008</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email: “If tallowamine ethoxylate's exemption is not reinstated, that can be a major shake-up in the competitive landscape”</a></p>	<p>Internal correspondence re “glyphosate re-registration in the US wherein Sue Wratten states: “If tallowamine ethoxylate's exemption is not reinstated, that can be a major shake-up in the competitive landscape.”</p>

Bates	Title	Description
<p>MONGLY01182770</p> <p>7/15/2008</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Monsanto PowerPoint Presentation Shows Company Awareness of Roundup Cancer Plausibility</a></p>	<p>This document is a PowerPoint presentation concerning the “EU Expert Advisory Panel”. Page 6 of the presentation is titled: “Monsanto’s Roundup ® acts on one of the key stages of cellular division, which can potentially lead to cancer in the long term.” at *6. The page references a French in-vitro study which observed adverse effects associated with Roundup. The final page contains “questions” regarding how to “position” in-vitro hazards using “urine concentrations from applicator exposure into plasma concentrations.” at *7. Monsanto also considers the risks in “running a new study”. <i>Id.</i></p>
<p>MONGLY01179185</p> <p>10/14/2008</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Internal Email from 2008: Monsanto Executive Long Aware of Glyphosate Link to non-Hodgkin Lymphoma</a></p>	<p>This document contains email correspondence wherein Dean Nasser (Monsanto) sends a “Beyond Pesticides” publication to Dr. Donna Farmer. The publication references a study which found positive association between glyphosate and Non-Hodgkin’s Lymphoma. Dr. Farmer responds: “We have been aware of this paper for awhile and knew it would only be a matter of time before the activists pick it up... how do we combat this?” at *1.</p>
<p>MONGLY01012203 MONGLY01012207</p> <p>11/12/2008</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email Re: tallowamine situation in Germany - tox issues</a></p> <p>AND</p> <p><a href="#">Tallowamine situation in Germany TD/RA meeting Nov 12th, 2008, Amsterdam</a></p>	<p>MONGLY01012203 contains an email correspondence between Monsanto employees, David Saltmiras, Daniel Goldstein, Rhonda Mannion and others regarding tallow amine situation in Germany - tox issues. MONGLY01012207 is an attachment powerpoint presentation, entitled “Tallowamine situation in Germany TD/RA meeting Nov 12th, 2008, Amsterdam.”</p>
<p>MONGLY02343101</p> <p>2/23/2009</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email: “...the amount of dermal absorption is dependent on the level of surfactants in the formulation”</a></p>	<p>MONGLY02343101 is an email discussion regarding studies on the formulation wherein it is stated that: “the amount of dermal absorption is dependent on the level of surfactants in the formulation.”</p>

Bates	Title	Description
<p>MONGLY06454419</p> <p>2/23/2009</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email Responding to German Authorities Action Against POEA</a></p>	<p>MONGLY06454419 is an email exchange re: talow amine tox issues in Germany, where the topic of addressing German authorities action against POEA is discussed.</p>
<p>MONGLY06454299 MONGLY06454301</p> <p>2/26/2009</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Email Re: Talow Amine Tox Issues in Germany</a></p> <p>AND</p> <p><a href="#">Info for experts in responding to German authorities action against POEA.</a></p>	<p>This contains email correspondence re: talow amine tox issues in Germany. The email includes an attachment (MONGLY06454301), which is info for experts in responding to German authorities action against POEA.</p>



Bates	Title	Description
<p>MONGLY00935955 MONGLY00935959</p> <p>4/21/2009</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email Discussing the Limitations of Using Epidemiology in Risk Assessment</a></p> <p>AND</p> <p><a href="#">Daniel Goldstein PowerPoint Presentation – Epidemiology: Incorporation Into Pesticide Risk Assessment and Management</a></p>	<p>MONGLY00935955 is a series of emails between Dr. Daniel Goldstein and Erik Janus of CropLife America, discussing the limitations of using epidemiology in risk assessment. Contains attached presentation (MONGLY00935959) prepared by Dr. Goldstein dealing with the problems with epidemiology.</p>
<p>MONGLY00957702 MONGLY00957704</p> <p>6/18/2009</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto 2009 action items “countering EPA’s conclusion of increased sensitivity for CST4 surfactants”</a></p> <p>AND</p> <p><a href="#">Monsanto Action Items</a></p>	<p>MONGLY00957702 is an email exchange between Gregory Watson, William Heydens and others. Heydens circulates draft agreements/action items from GCRST Call (June 2009). One of the action items is “countering EPA's conclusion of increased sensitivity for CST4 surfactants.”</p> <p>MONGLY00957704 is Gregory Watson’s notes from the GCRST Call (attachment from email above).</p>

Bates	Title	Description
<p>MONGLY03129087 MONGLY03129092</p> <p>6/19/2009</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email Re: IBT Scandal</a></p> <p>AND</p> <p><a href="#">Summary of IBT Scandal</a></p>	<p>This contains a Monsanto email discussing IBT Labs and Craven. The exchange also includes discussion re: questions from a TV magazine 'Kontraste' pertaining to surfactants in EU, Levinskas study, etc. Email contains attachment (MONGLY03129092) - Backgrounder Testing fraud: IBT and Craven Laboratories June 2005.</p>
<p>MONGLYO1192115 MONGLYO1192116 MONGLYO1192117</p> <p>Emails: 9/21/2009 Deposition: 1/11/2017</p> <p>Documents Released: 3/14/2017</p>	<p><a href="#">Videotaped Deposition of Monsanto Toxicologist Donna Farmer + Monsanto Internal Emails</a></p>	<p>Monsanto Toxicologist Donna Farmer's 1/2017 deposition where she is asked about a 2009 email in which she said, "you cannot say that Roundup does not cause cancer-we have not done carcinogenicity studies with "Roundup"." (MONGLYO1192115)</p> <p>In the depo, Farmer calls POEA ban in EU "a political decision."</p>
<p>MONGLY01249878</p> <p>3/3/2010</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Execs Playing Whack-a-Mole</a></p>	<p>This document contains email correspondence between Monsanto employees Donna Farmer, Daniel Goldstein, and consultant Bruce Chassy regarding another mole needing a whacking...., and includes an article in the FOOD CONSUMER "GM Foods Are More Dangerous For Children Than Adults"</p>

Bates	Title	Description
<p>MONGLY01041300</p> <p>6/10/2010</p> <p>Documents Released:</p> <p>3/15/2017</p>	<p><a href="#">Monsanto Executive Steven Adams Discusses 1,4-Dioxane Specs: "If There is a Chemical That is Considered to be Cancer Causing, it Doesn't Matter How Much is in There..."</a></p>	<p>This document contains email correspondence in which Steven Adams (Monsanto) responds to a question regarding the specs for the surfactant 1,4-dioxane. In the email Adams states that 1,4-dioxane is "an impurity in the ethoxylated surfactants and not in the glyphosate manufacturing process itself." 1,4-dioxane is not listed on the Roundup label, but is carcinogenic to animals and likely carcinogenic to humans. Adams continues discussing 1,4-dioxane: "...we have to be very careful before we go slinging mud about 1,4-dioxane in Chinese glyphosate in public, because whether it is 1 ppm or 10 ppm, we most likely have it on our products too, and the general public does not understand the difference between 1 ppm and a bucket full...if there is a chemical that is considered to be a cancer-causing, it don't matter how much is in there, just that it is in there!"</p>
<p>MONGLY06478771</p> <p>8/19/2010</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Emails Re: Regulatory Action in EU Against POEAs and Strategy for Response</a></p>	<p>Emails re regulatory action in EU against POEAs and strategy for response.</p>
<p>MONGLY03909599- MONGLY03909604</p> <p>9/28/2010</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email Between Heydens and Wratten Discussing NNG Levels in Glyphosate</a></p>	<p>Discussion re NNG levels in glyphosate.</p>

Bates	Title	Description
<p>MONGLY05190476 – MONGLY05190485</p> <p>11/17/2010 – 4/4/2013</p> <p>Documents Released: 3/15/2017</p>	<p><a href="#">Monsanto Inert Ingredient Submission to EPA (2010) and Internal Emails Related to Inerts</a></p>	<p>This document contains Monsanto’s 2010 ‘Petition Proposing an Exemption from the Requirement of a Tolerance for Residues of Alkyl Amidodimethylpropyl Amine (AADPA) Surfactants in or on Raw Agricultural Products and Food Products. Monsanto requested the establishment of an exemption from the requirement of a tolerance for a new inert. At least five (5) Toxicology Studies submitted in the exemption request relating to Roundup ingredients were authored by Kimberly Hodge-Bell, a known participant and orchestrator in drafting waiver requests to regulatory agencies. It is believed that these summaries relate to toxicity findings in surfactants and are part of Monsanto’s catalog of studies related to inert submissions to regulatory bodies to support Roundup safety.</p>
<p>MONGLY01155974</p> <p>12/10/2010-12/14/2010</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Internal Email: Monsanto Employee Admits Company Has Not Tested Carcinogenicity of Roundup Formulation</a></p>	<p>This document contains email correspondence between various Monsanto personnel wherein Stephen Adams addresses the issue of testing Roundup formulations: “With regards to the carcinogenicity of our formulations we don’t have such testing on them directly...” at *1.</p>
<p>MONGLY06540881</p> <p>5/25/2011</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Email expresses concern re the binding properties of glyphosate</a></p>	<p>Email correspondence expresses concern re the binding properties of glyphosate.</p>
<p>MONGLY02807356</p> <p>2/9/2012</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email: “there is no agreed scientific position in mixtures/low doses we can refer to”</a></p>	<p>[REDACTED] states that Monsanto needs to be cautious about not being pushed against the wall with respect to formulation vs. active ingredient debate given lack of data on formulation.</p>

Bates	Title	Description
<p>MONGLY02426347 MONGLY02426350- MONGLY02426354</p> <p>5/17/2012</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email Re: Arsenic – Roundup</a></p> <p>AND</p> <p><a href="#">Glyphosate – Not Organophosphate</a></p>	<p>MONGLY02426347 contains email correspondence between Monsanto employees Donna Farmer, Daniel Goldstein, David Saltmiras, Erin Ahlers and others regarding Arsenic-Roundup, including an attachment (MONGLY02426350-MONGLY02426354), “Glyphosate -- Not an Organophosphate.” Farmer writes: “... we cannot certify that our Roundup Branded products do not contain arsenic.”</p>
<p>MONGLY02426344</p> <p>5/29/2012</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email Discussing Arsenic in the Roundup Formulation</a></p>	<p>This document is regarding arsenic levels in the Roundup formulation, wherein Donna Farmer states “Arsenic is an impurity in a raw material used in the manufacture of Roundup branded formulations. Thus there may be trace amounts in the end-use product.</p>
<p>MONGLY01174848</p> <p>1/22/2013</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Email between Bryan Delaney to Monsanto’s David Saltmiras, regarding an invitation to review manuscript # FCT-D-13-00129</a></p>	<p>This document contains email correspondence between Bryan Delaney, Ph.D. Editor, Food and Chemical Toxicology, to Monsanto’s David Saltmiras, regarding an invitation to review manuscript # FCT-D-13-00129, “Glyphosate commercial formulation cause cytotoxicity, oxidative effects and apoptosis on human cells; differences with its active ingredient.”</p>
<p>MONGLY01159775</p> <p>3/4/2013 - 3/5/2013</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Monsanto Internal Email: Employee Admits Company Hasn’t Tested Roundup for Chronic or Sub-Chronic Toxicity</a></p>	<p>This document contains email correspondence between various Monsanto personnel wherein Xavier Belvaux confirms that: “We do not conduct sub-chronic, chronic or terotogenicity studies with our formulations.” at *2.</p>

Bates	Title	Description
<p>MONGLY04175012</p> <p>3/20/2013 – 3/29/2013</p> <p>Documents Released:</p> <p>3/15/2017</p>	<p><a href="#">Monsanto Pressures Surfactant Manufacturer to Take Prop 65 Warning off Surfactant Material Safety Data Sheets</a></p>	<p>The document contains email correspondence between Gary Klopff (Team Lead, Surfactant Sci and Formulation at Monsanto) and personnel at Azko Nobel, one of two main manufacturers of surfactants. The subject of this email chain is particularly concerning because it involves Monsanto pressuring Azko Nobel to take off a Prop 65 cancer warning from their surfactant material safety data sheets, so that Monsanto can avoid a Prop 65 warning on Roundup.</p>
<p>MONGLY01051709</p> <p>9/30/2013- 10/22/2013</p> <p>Documents Released:</p> <p>8/1/2017</p>	<p><a href="#">Monsanto Internal Email: Technical Expert Denied Glyphosate Registration Due to 'Formaldehyde in Our Glyphosate'</a></p>	<p>This document contains email correspondence between various Monsanto personnel regarding glyphosate registration and the presence of formaldehyde: "...our renewal has been rejected by technical expert due to the content of formaldehyde in our glyphosate." at *5.</p>
<p>MONGLY02068177- MONGLY02068178</p> <p>10/3/2013</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email From Heydens – Not Accurate to State That Monsanto Submits Surfactant Info to EPA</a></p>	<p>This document contains email correspondence between Thomas Helscher and William Heydens re "glyphosate/Roundup safety/enviro boilerplate" wherein Dr. Heydens states that it is not accurate to state that Monsanto submits surfactant info to the EPA.</p>
<p>MONGLY05743182</p> <p>10/22/2013</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email Re: Formulation Rejection in Indonesia Due to Formaldehyde Content</a></p>	<p>Internal discussion re levels of formaldehyde in formulation. Formulation rejected in Indonesia due to formaldehyde content</p>

Bates	Title	Description
<p>MONGLY01205368</p> <p>5/2/2014</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Donna Farmer on Study of Glyphosate Genotoxicity: "It Never Ends"</a></p>	<p>Donna Farmer responding with "it never ends" to study of glyphosate genotoxicity</p>
<p>MONGLY03549275 – MONGLY03549280</p> <p>5/8/2014</p> <p>Documents Released: 3/15/2017</p>	<p><a href="#">Monsanto Executive Steven Adams on NNG Issue: "Don't Want to Draw Attention to the Toxicity of Our Product"</a></p>	<p>This document contains email correspondence between Stephen Adams, Dan Jenkins and others discussing the NNG issue. Stephen Adams: "I wouldn't push the NNG issue too hard don't want to draw attention to the toxicity of our product."</p>
<p>MONGLY03771170</p> <p>5/15/2014</p> <p>Documents Released: 3/15/2017</p>	<p><a href="#">Emails Show Uptick in NNG Testing at Monsanto</a></p>	<p>This document contains email correspondence between a number of Monsanto employees discussing the uptick in NNG testing. Alison MacInnes (Monsanto Research Scientist): "We are completing so much work around NNG that there is a real backlog in the number of samples we can run through the analytical system."</p>
<p>MONGLY02111857</p> <p>9/10/2014</p> <p>Documents Released: 3/15/2017</p>	<p><a href="#">Email from Monsanto Toxicologist Michael Koch Discussing Tier 2 Studies</a></p>	<p>This document contains an email from Michael Koch (Monsanto Toxicologist) discussing multiple Tier 2 studies and a 1-year Dog Waiver Draft for Canada. The study and the draft are redacted but Koch's comments that precede both can be viewed. His comments reference "Kimberly" - Kimberly Hodge-Bell is a known participant and orchestrator in drafting waiver requests to regulatory agencies.</p>

Bates	Title	Description
<p>MONGLY01208470</p> <p>9/18/2014</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Monsanto Executive Expresses Long-Held Concerns Over IARC Reviewing Glyphosate</a></p>	<p>This document contains an email from Dr. Donna Farmer to Dr. John Acquavella. Dr. Farmer notes: “Just wanted to let you that what we have long been concerned about has happened. Glyphosate is on for an IARC review in March of 2015.” at *1.</p>
<p>MONGLY00989918</p> <p>10/15/2014</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Months Before IARC Report, Monsanto Executive Admits Company Faces Issues in Epidemiology, Exposure, Genotoxicity and Mode of Action</a></p>	<p>This document is an email from Dr. William Heydens to Richard Garnett regarding the “IARC evaluation of Glyphosate” wherein Dr. Heydens concedes that “while we have vulnerability in the area of epidemiology, we also have potential vulnerabilities in the other areas that IARC will consider, namely, exposure, genotox, and mode of action...” at *1.</p>
<p>ACQUAVELLAPROD00008909</p> <p>1/23/2015</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Monsanto Consultant Acknowledges Relevance of Other Roundup Ingredients in Judging Plausibility of Glyphosate Carcinogenicity</a></p>	<p>This document contains email correspondence between Drs. Donna Farmer and John Acquavella, wherein Dr. Acquavella discusses the response from DeRoos, who carried out an epidemiological study on glyphosate, to Monsanto’s comments regarding the dose thresholds cited by Monsanto as relevant for carcinogenicity. Dr. Acquavella reflects with respect to DeRoos’ comments: “the issue of the human findings representing relevant routes of exposure (whatever that means) and being interpretable in and of themselves. Perhaps Tom should be prepared regarding the other ingredients in Roundup formulations being relevant for judging glyphosate.” at *1.</p>
<p>MONGLY00990361</p> <p>3/13/2015 - 3/17/2015</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Monsanto Internal Email: Company Executive Admits to Low Level of Formaldehyde in Roundup</a></p>	<p>This document contains an email from Dr. William Heydens to Mr. Josh Monken (Monsanto) wherein Dr. Heydens admits to the “Low level presence of formaldehyde” (carcinogen by inhalation) in Roundup; and “Low level presence of NNG (N-nitroso-glyphosate) in Roundup - many N-Nitroso compounds are carcinogenic.”</p>



Bates	Title	Description
<p>MONGLY07673239</p> <p>3/30/2015</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email from Daniel Goldstein Re: IARC - Poison Center Calls</a></p>	<p>Dan Goldstein discussing messages from Missouri Poison Control Center re Roundup and cancer diagnoses.</p>
<p>MONGLY06809415</p> <p>12/16/2015</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Email Discusses Contacting Retired Author of Ag Health Study to Speak Favorably of Glyphosate in Wake of IARC Monograph</a></p>	<p>MONGLY06809415 is an email exchange in which the idea of contacting one of the AHS study authors to speak favorably of glyphosate is brought up.</p>
<p>MONGLY03425856</p> <p>4/7/2016</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email Re: Tallowamine in France</a></p>	<p>Key messages from David Heering re French ban of tallowamine surfactant.</p>

Bates	Title	Description
<p>MONGLY00951845- MONGLY00951853</p> <p>4/23/2015</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Study: Changes in Herbicide Use After Adoption of HR Canola in Western Canada</a></p>	<p>Study: Changes in Herbicide Use After Adoption of HR Canola in Western Canada</p>
<p>MONGLY02052065</p> <p>4/28/2015</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Internal correspondence where MON employee recognizes that co-formulants are not biologically inert</a></p>	<p>Internal correspondence wherein a Monsanto employee recognizes that co-formulants are not biologically inert</p>
<p>MONGLY01185582</p> <p>7/31/2015</p> <p>Documents Released: 3/15/2017</p>	<p><a href="#">Internal Email from Donna Farmer: Monsanto Would Rather Keep Roundup NNG Levels Below 1ppm Rather Than Engage in Scientific Debate Around Biological Activity</a></p>	<p>This document contains email correspondence between John Acquavella and Donna Farmer. Donna Farmer concedes that NNG is “an impurity that arises via reaction of glyphosate with nitrosating agents during or after manufacture.” Farmer adds that Monsanto’s stance on NNG: “...as a general policy standard, regulators globally have accepted that nitrosamine impurities are unavoidable in some amine- based pesticides, and that they do not require special testing or risk assessment if the levels are at 1ppm or lower. Monsanto therefore prefers to carefully control against NNG formation rather than to engage in scientific debate around its biological activity.”</p>
<p>MONGLY01183933</p> <p>8/6/2015 - 8/7/2015</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Email Detailing Monsanto Suspicions That Formulated Roundup Can Lead to Tumor Production</a></p>	<p>This document contains email correspondence between various Monsanto personnel regarding the Roundup formulation and the respective effects of glyphosate and surfactants, wherein Dr. William Heydens states that “surfactant in the formulation will come up in the tumor promotion skin study because we think it played a role there.” At *3.</p>

Bates	Title	Description
<p>MONGLY00978170</p> <p>9/16/2015 - 11/2/2015</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Monsanto Consultant: 'You Can't Say That There is no Evidence' of Roundup Carcinogenicity</a></p>	<p>This document contains email correspondence between Ashley Roberts (Intertek), Dr. Tom Sorahan (Monsanto consultant), and Dr. John Acquavella (former Monsanto employee and consultant). Dr. Sorahan reckons it is not accurate to claim that there is no evidence for Roundup's carcinogenicity. at *2. Dr. Acquavella concurs: "I agree as well that you can't say that there is no evidence." at *1.</p>
<p>MONGLY06758730</p> <p>2/13/2016</p> <p>Documents Released: 3/15/2017</p>	<p><a href="#">Monsanto Internal Email on NNG and Formaldehyde Testing Before and After Aging</a></p>	<p>In this email correspondence, Richard Garnett (Monsanto EU), Lisa Flagg (Monsanto Global Product Quality Lead, Crop Protection) and others discuss storage testing of glyphosate. Specifically, the email comments on how long-term storage of glyphosate increases NNG levels.</p> <p>Bart Roose (Monsanto EU): "I would suggest we agree in writing that 'bad results' of NNG due to accelerated ageing can be caused by the heat level and is therefore not representative for "normal ageing'."</p>
<p>MONGLY02315230</p> <p>MONGLY02315232</p> <p>5/23/2016</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">CLA memo of proposal for AHS collaboration</a></p> <p>AND</p> <p><a href="#">Gradient Quantitative Bias Analyses of Epidemiology Studies of Pesticides and Cancer</a></p>	<p>MONGLY02315230 is a CLA memo of proposal for AHS collaboration</p> <p>MONGLY02315232 is Gradient's Quantitative Bias Analyses of Epidemiology Studies of Pesticides and Cancer</p>

Bates	Title	Description
<p>MONGLY05272935- MONGLY05272959</p> <p>5/31/2016</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email: Steven Levine and Marian Bleeke, Includes CLA Presentation 'Potential Effect of Adjuvants on Residues in Relation to Routine Residue Trial Variability'</a></p>	<p>Potential Effect of Adjuvants on—Residues in Relation to Routine Residue Trial Variability</p>
<p><b>Absorption, Distribution, Metabolism &amp; Excretion</b></p>		
<p>MONGLY01030362- MONGLY01030367</p> <p>10/1995</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Roundup Material Safety Data Sheet Oct. 1995</a></p>	<p>October 1995 Roundup Material Safety Data Sheet</p>

Bates	Title	Description
<p>MONGLY01839476</p> <p>7/2001</p> <p>Documents Released: 3/15/2017</p>	<p><a href="#">Monsanto Paper: 'Clustering Glyphosate Formulations with Regard to Testing for Dermal Uptake'</a></p>	<p>This document contains a paper written by Mark Martens, Christophe Gustin and C. Bates on how the surfactants in Roundup formulations increase the absorption of glyphosate in the human skin.</p> <p>The paper includes the following passage:</p> <p>“Surfactants are able to increase glyphosate absorption through the skin by (1) removal of lipids (sebum) from the epidermal surface due to surfactant action, (2) increase of the hydration state of the skin (under closed exposure conditions), (3) increase of skin contact (spreading of water droplets by surfactant action), (4) increase of contact time with the skin due to decrease of evaporation of water from the droplets containing surfactant (surfactant monolayer at surface of droplets slows down passage to vapour phase,) increase of sub epidermal blood flow due to irritant action of surfactant, (6) intraepidermal and sub epidermal intercellular water accumulation due to the irritant action of the surfactant.”</p>
<p>MONGLY03738295, MONGLY00888353</p> <p>3/29/2002 - 4/2/2002</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Monsanto Executive: Roundup Dermal Absorption Studies Could 'Blow Roundup Risk Evaluations'</a></p> <p><a href="#">“TNO Study” on Dermal Absorption Referenced in Email Correspondence</a></p>	<p>These documents contain email correspondence (MONGLY03738295) between various Monsanto personnel regarding a Monsanto (MONGLY00888353) study on the dermal absorption of the formulated Roundup product as precipitated by the surfactant (“TNO Study”). Dr. Heydens expressed concerns with continuing such studies: “My primary concern is with the glyphosate in terms of the potential for this work to blow Roundup risk evaluations (getting a much higher dermal penetration than we've ever seen before.” at *1.</p>

Bates	Title	Description
<p>MONGLY03737014</p> <p>4/4/2002 - 4/5/2002</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Monsanto Personnel: Further Study on Glyphosate Absorption 'Not Likely to Help Us Meet the Project Objective'</a></p>	<p>This document contains email correspondence between various Monsanto personnel wherein it is discussed that the Monsanto programs, including the TNO study (MONGLY00888353, challenged above), evaluating the absorption of glyphosate and formulations (including surfactants) will be ceased “because a further study was not likely to help us meet the project objective.” at *2. Abandoning this scientific inquiry, however, “[w]e are left behind with too many questions after all this.” at *1.</p>
<p>MONGLY06509236</p> <p>10/21/2002</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Email Details Operator Exposure Level When Spraying Roundup Under UK Conditions</a></p>	<p>This document is an internal Monsanto summary of the “operator exposure when spraying Roundup under UK conditions.” at *1. It provides an explanation of measuring the rate of Roundup absorption using the UK POEM (discussed in the above MONGLY04107778 document).</p>

Bates	Title	Description
<p>MONGLY06653096 5/20/2003 - 5/22/2003</p> <p>MONGLY01832749 10/19/1999 -10/21/1999</p> <p>MONGLY01745304</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Monsanto Aware of Dermal Penetration Studies Showing Formulated Roundup is Absorbed at Higher Rate and is More Toxic</a></p> <p><b>AND</b></p> <p><a href="#">Monsanto Scientist Acknowledges Humectant in Most Roundup Formulations is Toxic to Children</a></p> <p><b>AND</b></p> <p><a href="#">Monsanto Fact Sheet on Ethylene Glycol: Humectant Found in Most Roundup Formulations is Listed on California Prop 65 List of Reproductive Toxicants</a></p>	<p>The first document (MONGLY06653096) contains email correspondence between various Monsanto personnel regarding “dermal penetration studies” wherein Dr. William Heydens notes the presence of “certain co-formulants like humectants that will make it highly likely we will get large amounts penetrating the skin.” at *1. The second document (MONGLY01832749) contains acknowledgments by Dr. Daniel Goldstein that a humectant such as ethylene glycol (which is present in most Roundup formulations) is toxic to children at 70 cc of Roundup with 5% of ethylene glycol. at *1. The Third document (MONGLY01745304) is a fact sheet about ethylene glycol which indicates its presence in Roundup formulations (“less than 2%”) and that “EG is a significant human toxin”. at *1.</p>
<p>MONGLY06388557 6/17/2001</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email Re: Roundup droplet size</a></p>	<p>Email correspondence re Roundup droplet size.</p>

Bates	Title	Description
<p>MONGLY06390127</p> <p>10/10/2001</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Emails re operator exposure</a></p>	<p>Email exchange re operator exposure that discusses skin absorption end points in the context of meeting, or not being able to meet, German or EU guidelines for glyphosate absorption. Wester study mentioned.</p>
<p>MONGLY06401072</p> <p>4/10/2003</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email correspondence re glyphosate penetration through gloves</a></p>	<p>Email correspondence re glyphosate penetration through gloves.</p>
<p>MONGLY06722561</p> <p>8/8/2003 - 8/11/2003</p> <p>Documents Released:</p> <p>8/1/2017</p>	<p><a href="#">Monsanto Executive Acknowledges Acute Toxicity in Glyphosate Study Caused Death of Test Animals</a></p>	<p>This document contains email correspondence between various Monsanto personnel wherein Dr. William Heydens observes with respect to two Monsanto rat studies: “Regarding acute toxicity, Terry, Donna and I reviewed mortality data from the inhalation database for IPA, NH4-, MEAand K-glyphoste formalations. Based on the mortality data seen in those studies, it is not outside the realm of possibilities that the 3 deaths were treatment – related.” at *2.</p>



Bates	Title	Description
<p>MONGLY06424476</p> <p>6/1/2004 - 7/9/2004</p> <p>MONGLY06409924</p> <p>3/5/2002 - 3/8/2002</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Monsanto Scientist: Due to Higher Rate of Glyphosate Absorption, Monsanto Cannot Justify Avoiding 'Toxicity Testing with Similar Inert Ingredients'</a></p> <p><b>AND</b></p> <p><a href="#">Further Concern Over Surfactant Absorption in the Gastrointestinal Tract</a></p>	<p>The first document (MONGLY06424476) contains email correspondence between various Monsanto personnel regarding a 2002 Monsanto study which observed absorption of the surfactant (without glyphosate) in the GI Tract. Dr. Charles Healy (Monsanto) reports that the results showed "Absorption was at least 56% of dose at dosages of 1 and 10 mg/kg. Approximately 17-27% of the dose was eliminated in the urine and approximately 31-36% of the dose was found in the bile." at *2. The second document (MONGLY06409924) contains further discussion of this issue, stating that Monsanto's purpose for conducting the study, which was "to see results which show no GI tract absorption of a surfactant in the tallow/ether amine groups." MONGLY06409924 at *1. Indeed, Dr. Healy states in MONGLY06424476 that: "Basically what we demonstrated was that the material is absorbed through the GI tract as shown. Nothing I am aware of that needs to be reported. We were hoping that we could demonstrate that the material was not absorbed as a means to obviate the need to perform toxicity testing with similar inert ingredients. Obviously that hope was not realized." at *2.</p>
<p>MONGLY05795088- MONGLY05795128</p> <p>6/17/2005</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Exposure Estimate Refinements</a></p>	<p>Exposure Estimate Refinements</p>

Bates	Title	Description
<p>MONGLY02335782, MONGLY02335784</p> <p>8/13/2008 - 8/20/2008</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Monsanto Europe Executive States Glyphosate Would be 'Toxic by Inhalation' Based on Cited Study</a></p>	<p>These documents contain email correspondence between various Monsanto personnel wherein Richard Garnett discusses the issue of acute toxicity via inhalation. Mr. Garnett states that glyphosate would be classified in the EU as “T Toxic; R23 Toxic by inhalation” based on a study he cites. at *1. The attachment is Monsanto Study “An Acute Nose-Only Inhalation Toxicity Study in Rats with Mon 78623”. This study is one of the studies referenced by Dr. Heydens in the previous (MONGLY06722561) document to conclude that “it is not outside the realm of possibilities that the 3 deaths were treatment-related.” MONGLY0672256 at *2.</p>

Bates	Title	Description
<p>MONGLY02155826 – MONGLY02155831</p> <p>11/10/2008</p> <p>Documents Released: 3/15/2017</p>	<p><a href="#">Internal Monsanto Email From Richard Garnett: ‘Dermal Exposure is the Greatest Risk of Exposure for Operators</a></p>	<p>This document contains email correspondence between Richard Garnett, David Saltmiras, Donna Farmer and other Monsanto employees discussing glyphosate ADME. Garnett writes that Monsanto “needs solid data for ADME arising from dermal exposure.” He continues:</p> <p>“The movement of glyphosate in the blood flow from dermal contact, is different to that through oral or intravenous exposure. The little data we have suggests that the excretion is significantly more through the faeces than the urine...Dermal exposure is the greatest risk of exposure for operators. Therefore, we need to be secure on the ADME of such exposure.”</p> <p>Unfortunately, despite Garnett’s recommendation, Monsanto declined to do additional testing on dermal absorption because the potential of finding a new glyphosate metabolite was “too risky.”</p> <p>The issue of whether glyphosate is excreted through the urine rather than feces is important because Monsanto only considers urine levels of glyphosate in an effort to underestimate glyphosate exposure and does not measure levels in feces. In their depositions, David Saltmiras and Donna Farmer both deny that dermally absorbed glyphosate is excreted through the feces.</p>
<p>MONGLY06385823</p> <p>9/23/2009</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Monsanto Europe Executive: Company’s Low Glyphosate Absorption Claim is Weak</a></p>	<p>This document contains email correspondence between Monsanto personnel wherein Richard Garnett acknowledges that: “The ADME has always been the weak link in our argument and the Spanish response highlights that we have not got rid of the problem.” at *1.</p>
<p>MONGLY06731019</p> <p>1/16/2011</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email Re: ADME Study Showing Levels in Bone Significantly Higher Than Any Tissue/Organ</a></p>	<p>Emails discussion re absorption wherein it is stated that “glyphosate rat ADME study also shows that levels in bone are significantly higher than those in any other tissue/organ.”</p>

Bates	Title	Description
<p>MONGLY04107778</p> <p>8/16/2011 - 8/23/2011</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Monsanto Europe Executive Acknowledges Roundup Would Fail Absorption Testing Using UK Metric</a></p>	<p>This document contains email correspondence between Maurice De Billot (Monsanto) and Christophe Gustin, wherein Mr. De Billot discusses the difficulties of dermal absorption using the UK POEM (The UK Predictive Operator Exposure Model) metric: “In Europe we are getting prepared to submit MON 79991 (720g/kg) for approval under the new Reg 1107/2009. We ran the UKPOEM model using a dermal penetration value of 3% and do not pass when applying 3.6kg/ha for the tractor mounted sprayer. I am aware of the set of studies that you ran on dermal absorption using pure K-salt and IPA-salt and also MON 52276 and MON 79351 which showed dermal absorption values of 1%. Putting 1% in the model we get a good result, so will need to show that the 1% dermal absorption numbers are equally valid for the MON 79991 formulation.” at *2.</p>
<p>MONGLY04107778</p> <p>8/23/2011</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email: Discussion of Roundup Dermal Penetration Rates</a></p>	<p>Monsanto employees discuss Roundup dermal penetration rates.</p>
<p>MONGLY05359546</p> <p>10/9/2014 – 11/14/2014</p> <p>Documents Released: 3/15/2017</p>	<p><a href="#">Monsanto EU Regulatory Affairs Specialist: Using Default Value on Surfactant Dermal Absorption Study: “...We Do Not Pass the Risk Assessment”</a></p>	<p>This document contains email correspondence in which dermal absorption studies are discussed. Due to pending requests from two authorities (UK and Denmark), a dermal absorption study “for high load gel” is needed. Per Monsanto EU Regulatory Affairs Specialist Sarah Dreissens: “If we use the default value we do not pass the risk assessment.”</p>

Bates	Title	Description
<p>N/A</p> <p>1/31/2017</p> <p>Documents Released:</p> <p>3/15/2017</p>	<p><a href="#">Deposition of David Saltmiras Discussing Dermal Absorption and Excretion of Roundup</a></p>	<p>This document contains a segment of David Saltmiras' deposition. The questioning centers on dermal absorption and excretion of Roundup. Saltmiras did not appear to have all the data:</p> <p>Plaintiffs Counsel: [Y]ou're aware that it's more appropriate to measure -- the excretion [of glyphosate] is significantly more in the feces than in the urine for dermal absorption of Roundup, right?</p> <p>Saltmiras: There is no scientific basis for saying that glyphosate absorbed through the skin is found in the feces. That's utter nonsense. I don't know where you're coming up with this.</p>
<h2>Regulatory &amp; Government</h2>		
<p>MONGLY01309977- MONGLY01309979</p> <p>Date: N/A</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Results of Maibach Report (EPA) NNG</a></p>	<p>EPA comment on n-nitroso compounds in glyphosate</p>
<p>MONGLY04269195</p> <p>3/25/1981</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">GLP and Protocol Compliance MAP Analytical Support - Glyphosate Toxicological Studies</a></p>	<p>GLP and Protocol Compliance MAP Analytical Support Glyphosate Toxicological Studies</p>

Bates	Title	Description
<p>MONGLY00223078- MONGLY00223079</p> <p>9/16/1982</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">EPA Memo: IBT Study “Unacceptable for Regulatory Purposes”</a></p>	<p>This document contains a letter from Dr. Orville E. Paynter to Dr. Robert Taylor re the evaluation of an IBT study wherein Dr. Paynter explains the reasons for the study’s invalidity.</p>
<p>MONGLY00223076</p> <p>9/29/1982</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">EPA Memo from Dr. Orville E. Paynter to Dr. Robert Taylor Re Evaluation of IBT Study</a></p>	<p>This document contains a letter from Dr. Orville E. Paynter to Dr. Robert Taylor re the evaluation of an IBT study wherein Dr. Paynter explains the reasons for the study’s invalidity.</p>
<p>MONGLY04269117- MONGLY04269120</p> <p>3/12/1984</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Memos Re: Roundup Mouse Study (1984)</a></p>	<p>Two memos re Roundup mouse study.</p>

Bates	Title	Description
<p>MONGLY04269072- MONGLY04269075</p> <p>2/22/1985</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Memo Lyle Gingerich Re: EPA Toxicology Branch/Roundup Meeting</a></p>	<p>Memo re feb 21 1985 meeting.</p>
<p>MONGLY04269067- MONGLY04269070</p> <p>3/4/1985</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">EPA Memo Re: Consensus View of Glyphosate</a></p>	<p>EPA consensus view of glyphosate.</p>
<p>MONGLY04277789</p> <p>4/3/1985</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">EPA Reviewing Proposal to Classify Glyphosate as Class C Possible Human Carcinogen</a></p>	<p>Proposal to classify glyphosate as level C human carcinogen..</p>

Bates	Title	Description
<p>MONGLY04269049- MONGLY04269050</p> <p>4/3/1985</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Mouse Slides Sent to Dr. Kushner April 1985</a></p>	<p>Mouse slides sent to Dr. Marvin Kushner, a pathologist Monsanto hired to review kidney tissue slides cited by EPA in 1985 consensus review for Class C classification. Sent 4-3-85, signed for by Kushner 4-14-85.</p>
<p>MONGLY04269047- MONGLY04269048</p> <p>4/10/1985</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Memo Re: Glyphosate 1985 EPA Status</a></p>	<p>Memo re Glyphosate 1985 EPA status.</p>
<p>MONGLY04268982- MONGLY04268983</p> <p>8/20/1985</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Memo Re: SAP Meeting 1985</a></p>	<p>Memo re 1985 SAP meeting.</p>
<p>MONGLY04268980- MONGLY04268981</p> <p>8/28/1985</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Memo from F. Serdy Re: Glyphosate Mouse Study Additional Steps</a></p>	<p>Memo from F Serdy to Monsanto re mouse oncogenicity study.</p>



Bates	Title	Description
<p>MONGLY00233235</p> <p>1/23/1986</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Submission to EPA SAP in 1986: Information to Support Conclusion That Glyphosate is Not a Class C Oncogen</a></p>	<p>This document contains data submitted by Monsanto the EPA Feb 11, 1986 SAP in support for the contention that glyphosate is not carcinogenic.</p>
<p>MONGLY01299319- MONGLY01299414</p> <p>4/3/1986</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Transcript of EPA Glyphosate SAP Meeting 1986</a></p>	<p>Transcript of SAP discussion</p>
<p>MONGLY04278162</p> <p>8/28/1986</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Memo: Glyphosate Re-registration Standard (1986)</a></p>	<p>Glyphosate Re-registration Standard.</p>

Bates	Title	Description
<p>MONGLY0024130- MONGLY0024133</p> <p>5/18/1988</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Roundup Worker Safety – Includes Regulatory Info for Protective Equipment Requirements (PPE)</a></p>	<p>This document is titled “gly Roundup worker safety” and contains regulatory information regarding the use of PPE in the application of Roundup.</p>
<p>MONGLY01287148</p> <p>12/12/1988</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Response to EPA Request for Historical Control Data Re: Glyphosate Feeding Study in Mice (1988)</a></p>	<p>Monsanto Response to EPA Request for Historical Control Data Re: Glyphosate Feeding Study in Mice (1988)</p>

Bates	Title	Description
<p>MONGLY01307724- MONGLY01307768</p> <p>7/6/1989</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">EPA SAP Monsanto Mice Renal Tumor Oncogenicity Discussions</a></p>	<p>This series of documents contains back and forth with EPA, Monsanto, some SAP and expert summaries regarding whether or not a new mouse study was required due to the renal tumor findings in the repeat study done after the IBT scandal. These are discussions after deciding to include the magic tumor and Monsanto was asserting that the historical range in controls was 0-7.1% and the K&amp;H 6.6% in the high dose was within that range, plus the 30,000mg was too high above MTD.</p> <p>Monsanto falsely asserted to EPA that the historical range was 0-7.1% when the max was actually 4.7%. EPA called them out for it, as well as for their asserting a couple of inapplicable studies. The K&amp;H 6.6% was greater than the historical range of 4.7%. Notwithstanding, EPA decided not to require the additional mouse study, an ongoing rat study would be enough.</p>
<p>MONGLY00870015- MONGLY00870016</p> <p>3/12/1991</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Letter from F.M. Triebe Re: Craven Labs Inspection</a></p>	<p>This document contains a letter from F.M Triebe regarding an inspection at Craven Laboratories. The inspector identifies several issues subject to inspection.</p>

Bates	Title	Description
<p>MONGLY03204444- MONGLY03204463</p> <p>11/30/1991</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">EPA Second Peer Review of Glyphosate 1991</a></p>	<p>Peer Review of Glyphosate</p>
<p>MONGLY00223570- MONGLY00223581</p> <p>4/1/1992</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">EPA Admonishing Monsanto for Misleading Messages in Roundup Advertising</a></p>	<p>This document contains correspondence between the EPA and Monsanto wherein the agency admonishes Monsanto for an advertising which the agency perceived to contain misleading messages re Roundup.</p>
<p>MONGLY06485995</p> <p>6/17/1999</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email: Information from Annex 7 of European Commission Report</a></p>	<p>Information from Annex 7 of the European Commission report.</p>

Bates	Title	Description
<p>MONGLY00882353</p> <p>9/26/2000</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email Re: Report on 4th Scientific Outreach Meeting</a></p>	<p>This document contains email correspondence between Monsanto employees Donna Farmer, Daniel Goldstein, Andy Hedgecock, John Acquavella and others regarding Governor signs AB 2260 school pesticide bill where in Farmer wrote: “If you look up glyphosate on the DPR web site below that you provided... the last time it was updated was 1992 and—regarding oncogenicity it says no data gap - possible adverse effect!!!! We need to work to ensure that we get the most recent /accurate assessments/ info into their new website.... even the PAN site says no onco, no nothing!! Not a bad actor!!”</p>
<p>MONGLY00891764 MONGLY00891766 MONGLY00891769</p> <p>9/10/2001</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p>Monsanto Email Re: Mutagenicity Issue in Finland</p> <p><a href="#">MONGLY00891764</a></p> <p><a href="#">MONGLY00891766</a></p> <p><a href="#">MONGLY00891769</a></p>	<p>This series of documents contains email exchanges between various Monsanto employees re “mutagenicity issue in Finland” wherein Dr. Farmer states: “Mark was not—managing that well and that almost landed us with Parry calling glyphosate genotoxic..”—</p> <p>NOTE: <a href="#">MONGLY00891769</a> was previously released with less redactions</p>
<p>MONGLY00905589</p> <p>1/3/2002</p> <p>Documents Released:</p> <p>3/15/2017</p>	<p><a href="#">Email Detailing Mark Martens’ Contributions: Developed Data to Gain EU Support Reporting Roundup Genotoxicity “Due to Secondary Consequences Unrelated to Glyphosate...”</a></p>	<p>This document contains an email from Monsanto research scientist Stephen G. Rogers to colleagues regarding the nomination of Dr. Mark Martens to the Monsanto Fellow’s Program. The email lists among Dr. Martens’ most important contributions: “Developed the data to gain key EU scientific support that the reported genotoxicity of Roundup herbicide was due to secondary consequences unrelated to glyphosate, thereby preventing adverse effect on Roundup business.”</p>

Bates	Title	Description
<p>MONGLY00891509</p> <p>5/16/2002</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email Re: Conflicts of Interest at IARC (WHO)</a></p>	<p>This document contains email correspondence between Monsanto employees Donna Farmer, Abby Li, Daniel Goldstein, John Acquavella, William Heydens and Janice Armstrong regarding Conflicts of Interest at IARC (WHO)</p>
<p>MONGLY06414231</p> <p>9/23/2002</p> <p>Documents Released:</p> <p>3/15/2017</p>	<p><a href="#">Internal Email Shows Richard Garnett's (Monsanto EU) Long History Dealing with Issues Involving Roundup</a></p>	<p>This document contains an email correspondence that confirms Richard Garnett was assigned the task of “coordinator and filter for glyphosate issues in Europe...” Among Garnett’s listed responsibilities – assemble a team to “kill” issues related to glyphosate that popped up in the scientific literature. This job was created in response to the Sea Urchin study which showed that the Roundup ingredients acted synergistically to affect cell cycle regulation. Marc, et al. Pesticide Roundup provokes cell division dysfunction at the level of CDK1/cyclin B activation, Chem Res Toxicol. 2002 Mar;15(3):326-31.</p>
<p>MONGLY02936295</p> <p>4/26/2006</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Donna Farmer: Christophe Gustin and Richard Garnett “are working behind the scenes with the UK government with the FFES study”</a></p>	<p>Donna Farmer admits that Christophe Gustine and Richard Garnett have been working behind the scenes with the UK government on glyphosate issues (FFES study).</p>
<p>MONGLY01870235 - MONGLY01870247</p> <p><b>Date Unknown</b></p> <p>Documents Released:</p> <p>3/15/2017</p>	<p><a href="#">Custodial File for Dr. Mark Martens, Former Monsanto Toxicology Director EU/Africa</a></p>	<p>This document is the custodial file for Dr. Mark Martens, Monsanto’s Toxicology Director, Europe/Africa from 1994 to approximately 2004. The document describes Martens’ job duties as “gathering (i.e. literature search, Monsanto studies, and commissioning of toxicology studies in contract laboratories), selection and interpretation of health effects data within the European regulatory context ... positioning of cancer classification issues of herbicides ... and registration defense of Monsanto's pesticides in EU member states...”</p>

Bates	Title	Description
<p>MONGLY06449761</p> <p>7/11/2008</p> <p>Documents Released:</p> <p>3/15/2017</p>	<p><a href="#">Richard Garnett Put in Charge of ‘Protecting Tallow Amine Formulations’ in Europe</a></p>	<p>This document contains email correspondence wherein Richard Garnett is described as being put in charge of protecting “tallow amine formulations” in Europe and to counter allegations of “synergistic effects of tallow amine with glyphosate.” Garnett was also key to managing issues with the toxicity of surfactants that have regularly arisen in Europe, but not the United States. Monsanto uses tallow amine as a surfactant in both Europe and the U.S., but Europe has been more vigilant in regulating this toxic chemical which is being banned later this year.</p>
<p>MONGLY01182274</p> <p>11/17/2008</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email: Internal discussion re how to leverage epi data with EPA</a></p>	<p>Internal discussion re how to leverage epi data with EPA</p>
<p>MONGLY00582206</p> <p>MONGLY00582233</p> <p>2/16/2009</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Powerpoint presentation by David Saltmiras titled “glyphosate product overview, toxicology, regulatory submissions and product support”</a></p> <p>AND</p> <p><a href="#">Excel Spreadsheet Identifying Exposure Metrics</a></p>	<p>MONGLY00582206 contains a powerpoint presentation by David Saltmiras titled “glyphosate product overview, toxicology, regulatory submissions and product support wherein Dr. Saltmiras identifies Monsanto’s freedom to operate goals. The attachment (MONGLY00582233) is a native excel spreadsheet identifying exposure metrics.</p>

Bates	Title	Description
<p>MONGLY01061857</p> <p>2/18/2009 – 2/22/2009</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Email Confirms Monsanto’s Efforts to Overcome Regulatory Hurdles Using Political Influence</a></p>	<p>This document contains email correspondence between various Monsanto personnel wherein Richard Garnett states the following with respect to gaining favorable regulatory assessment using in-vitro data: “Cannot win the battle on science alone (40% science : 60% politics) - need an experimental front, supported by a critical review of the literature, and a communication campaign to promote the message. Goal: ‘the regulatory authority must have no doubts’”. at *1.</p>
<p>MONGLY02162507</p> <p>1/15/2010 – 1/16/2010</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Email Correspondence Further Confirming Monsanto’s Close Ties with Former EPA Official, Jess Rowland</a></p>	<p>This document is an email correspondence between Dr. Donna Farmer and Steven Levine discussing the EPA Endocrine Disruption Program. Mr. Levine remarks that “They have made Gary Timm from OSCP [Office of Science Coordination and Policy] the head of the program at EPA NOT Jess Roland from OPP. This is not a good development and dramatically cuts our chance our chance for success.” at *1.</p>
<p>MONGLY02181747</p> <p>7/19/2010</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">David Saltmiras discussing his meeting with Roland Solecki of BfR</a></p>	<p>David Saltmiras discussing his meeting with Roland Solecki of BfR</p>
<p>MONGLY02199469</p> <p>2/28/2011</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email: Steven Levine and Others from CLA and ACC “Mostly Drafted a WoE Paper” and Monsanto Has “History of Working with” New EPA Science Advisor</a></p>	<p>Internal correspondence wherein Steven Levine says: “A group of authors from CLA and ACC, that I am part of, have mostly drafted a WoE paper and are working behind the scenes to try and get EPA to the table to work with stakeholders on developing a consensus WoE approach. We have been working on this for a number of years without any luck but things may change with a new science advisor brought on at the Agency that we have a history of working with.”</p>



Bates	Title	Description
<p>MONGLY02994271</p> <p>7/10/2012</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">CLA Registration Committee Meeting</a></p>	<p>Crop Life America (CLA) Registration Committee Meeting</p>
<p>MONGLY04156659</p> <p>MONGLY04156664</p> <p>8/15/2012</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email: Crop Life America “Changed EPA’s View” on Glyphosate Residue Data</a></p> <p>AND</p> <p><a href="#">EPA Memo Re: Regulatory Implications Related to Recent Assessment by HED on Adjuvants</a></p>	<p>MONGLY04156659 is an internal correspondence wherein it is stated that Monsanto has been successful in changing the EPA’s mind re residue level data through industry groups.</p> <p>MONGLY04156664 is an EPA Memo, Subject: Regulatory Implications Related to Recent Assessment by HED on Adjuvants</p>

Bates	Title	Description
<p>MONGLY03293245</p> <p>2/11/2013 - 3/10/2016</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Text Messages Detailing Monsanto's Collusion with EPA</a></p>	<p>This document contains text-message correspondence between Mr. Daniel Jenkins, various Monsanto employees, and various EPA officials regarding regulatory aspects of glyphosate. In reference to the United States Department of Agriculture, Mr. Jenkins comments: "might want to tell them we're going to need their support for glyphosate...We're in for a tough ride[.]" at *2. Mr. Jenkins also comments: "Jess is doing a nice job at EPA[.]" at *1. Jennifer Listello asks: "Is there anyone we can get to in EPA?" at *3. With regard to IARC, Mr. Jenkins comments: "Got john to agree to talk about how we might work together on changing IARC communication[.]" at *4-5. Mr. Jenkins asks Ms. Mary Manibusan (formerly EPA and co-chair with Jess Rowland on CARC publication): "do you know folks at ATSDR in HHS?" Ms. Manibusan responds: "Yes. Where specifically...on Tox profiles?" After Mr. Jenkins confirms, Ms. Manibusan responds: "I know lots of people. You can count o[n] me." Mr. Jenkins informs her that: "we're trying to do everything we can to keep from having a domestic IARC occur w this group. may need your help... I'll share some info, you tell me what you think we might be able to do, who you may know, etc ok?" to which Ms. Manibusan agrees. at *5. Mr. Jenkins also contacts Mr. Ty Vaughn: "I think we need to talk about a political level EPA strategy and then try to build a consensus plan w Michael on several fronts: glyphosate...we're not in good shape and we need to make a plan[.]" at *6. Following text messaging with Mr. Jack Housenger (EPA), Mr. Jenkins comments: "Spoke to EPA: is going to conclude that IARC is wrong. So is EFSA....pushed them to make sure atsdR is aligned, said they would...they're looking into getting a contact for me at cdc re bio monitoring" at *6-7.</p>
<p>MONGLY04175012</p> <p>3/29/2013</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email Discussing Potential Prop 65 warning issue due to level of ethylene oxide in Roundup formulation</a></p>	<p>Potential Prop 65 warning issue due to level of ethylene oxide in Roundup formulation.</p>

Bates	Title	Description
<p>MONGLY03829282</p> <p>4/9/2013</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email Discussing Level of 1,4-Dioxane Potentially Requiring California Prop 65 Warning</a></p>	<p>MONGLY03829282 contains an email discussion re concerns that the level of 1, 4-Dioxane may trigger a warning requirement in CA due to Prop 65.</p>
<p>MONGLY04152521</p> <p>7/30/2013</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email Re: discussion with EPA regarding Roundup registration issues</a></p>	<p>Email re discussion with EPA regarding Roundup registration issues.</p>
<p>MONGLY01009950</p> <p>10/10/2013</p> <p>Documents Released:</p> <p>3/14/2017</p>	<p><a href="#">Monsanto EU Executive Richard Garnett Emails David Saltmiras, Hiroo Wakimori (Monsanto Japan) About TAC Study</a></p>	<p>“In response to our request to share the full report of mouse carcinogenicity study conducted with TAC's material in order for us to include TAC's data in the publication on glyphosate and cancer risk, TAC declined based on the lack of consensus among TAC members since FSC review is still underway and the original mouse data suggested some carcinogenic potential which was denied in the process of FSC review.”</p>
<p>MONGLY01021770</p> <p>1/27/2015</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email Re: Cal EPA</a></p>	<p>MONGLY01021770 contains email correspondence between Monsanto employees Michael Koch, Donna Farmer, William Reeves, Greg Watson and others regarding Cal EPA, where in Watson writes: “Historically George Gough (State Govt Affairs, based in CA) has been helpful in getting information on folks that we did not know from OEHHA.”</p>

Bates	Title	Description
<p>MONGLY00986901</p> <p>2/20/2015</p> <p>Documents Released: 3/14/2017</p>	<p><a href="#">Email from William Heydens to Dan Jenkins Discussing EPA Officials Going to IARC</a></p>	<p>In this document, William Heydens discusses EPA officials' upcoming visit to IARC. Rowland is invited to participate in the IARC meeting as an observer. Heydens: "The 2 EPPA folks going as observers are Catherine Eiden &amp; Jess Rowland. Catherine is a Special Assistant in the Pesticide Re-evaluation Division, and we all know Jess."</p>
<p>MONGLY02913526</p> <p>2/23/2015</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Document Details Monsanto's Goals After IARC Report – 'Orchestrate Outcry with IARC Decision...'</a></p>	<p>This document details a number of goals to be pursued by Monsanto prior to and following the anticipated IARC decision. Under "Post-IARC", the following objective is identified: "Orchestrate Outcry with IARC Decision a March 10, 2015". at *5.</p>
<p>MONGLY02740203 MONGLY02740206- MONGLY02740208</p> <p>2/26/2015</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Daniel Goldstein email re third party response to IARC</a></p> <p>AND</p> <p><a href="#">Attachment: General Suggestions on Approach if IARC Classifies Glyphosate as 2A or 2B Carcinogen</a></p>	<p>MONGLY02740203 is an email from Daniel Goldstein re third party response to IARC.</p> <p>MONGLY02740206- MONGLY02740208 is an attachment to Goldstein's email (General Suggestions on Approach).</p>

Bates	Title	Description
<p>MONGLY00977035 MONGLY00977036</p> <p>3/14/2015</p> <p>Documents Released: 3/14/2017</p>	<p><a href="#">Monsanto Consultant Dr. Tom Sorahan Discusses Role as Observer on IARC Monograph 112 (Glyphosate)</a></p>	<p>The documents contain correspondence between Dr. Tom Sorahan (Monsanto consultant), Donna Farmer (Monsanto Toxicologist) concerning the IARC Vol 112 Working Group. Dr. Sorahan, <a href="#">who was an observer</a> for the 112 Monograph, told Farmer and others cc'd on the email: "...I think questions the epi sub-panel asked me about my recent multiple myeloma paper (Sorahan, 2015) were instrumental in not having multiple myeloma included on the charge sheet."</p>
<p>MONGLY00977248</p> <p>3/14/2015</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email Re: EPA Openly Discussed IARC Findings at a CLA Meeting</a></p>	<p>Monsanto discussion of IARC and EPA</p>
<p>MONGLY03343371</p> <p>3/23/2015</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Executive Daniel Jenkins Urging EPA to "Correct Mistakes" to Record on Glyphosate</a></p>	<p>Monsanto Executive Daniel Jenkins Urging EPA to "Correct Mistakes" to Record on Glyphosate</p>
<p>MONGLY06713074</p> <p>3/24/2015</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto communications with German official re: IARC Monograph 112</a></p>	<p>Monsanto communications with German official re: IARC Monograph 112.</p>

Bates	Title	Description
<p>MONGLY03320237</p> <p>3/24/2015</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">PowerPoint Presentation Showing Monsanto's Efforts to Influence State of California on Glyphosate 'No Significant Risk Level'</a></p>	<p>This document is a PowerPoint presented by Monsanto to the California Office of Environmental Health Hazard Assessment on October 7, 2015 regarding the imposition of a No Significant Risk Level (NSRL) for glyphosate as an exemption to the requirement under Proposition 65 that Roundup be labeled as known to the State of California to cause cancer following adoption by California of IARC's classification.</p>
<p>MONGLY03316369</p> <p>3/24/2015</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Internal Monsanto Document: Company Goals to 'Invalidate Relevance of IARC' and 'Prevent Future Bad IARC Decisions...'</a></p>	<p>This document is titled: "IARC Follow Up Demonstrating Safety of Glyphosate" and details a number of goals including "invalidate relevance of IARC"; "prevent future bad IARC decisions on pesticides/GMOs"; and "Make sure determination doesn't get more widely adopted within WHO". at *1.</p>
<p>MONGLY03327609</p> <p>3/25/2015 – 4/27/2015</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Internal Monsanto Email Further Confirming Relationship with Former EPA Official Jess Rowland</a></p>	<p>This document contains email correspondence between various Monsanto employees regarding the organization of a panel in collaboration with the International Consortium on Applied Bioeconomy Research (ICABR). Mr. Eric Sachs (Monsanto) proposes to "call Jess Rowland tomorrow" in order to enquire about Mr. Rowland's availability as a panelist addressing "regulators more robust risk assessment process". at *1. The panel was initiated in light of the "recent publicity about Round-up and cancer..." at *10.</p>
<p>MONGLY01179968</p> <p>3/30/2015 – 7/1/2015</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Email Showing Monsanto's Established Relationships with EPA Officials Involved with CARC Report on Glyphosate</a></p>	<p>This document contains email correspondence between Monsanto and former EPA Office of Pesticide Programs employee, Mary Manibusan (now exponent employee). Ms. Manibusan discusses her role as "co-chair with Jess Rowland" on the EPA CARC report; "lead toxicologist on a global pesticide review"; and service "on multiple internal review committees" in an attempt to "offer any assistance to support Monsanto product registrations and registration reviews" at *3.</p>

Bates	Title	Description
<p>MONGLY00979678</p> <p>4/9/2015</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">William Heydens: IARC Animal Toxicology and Genotox (MOA) Groups "Killed Us"</a></p>	<p>This document contains email correspondence between Monsanto employees Donna Farmer, William Heydens, Eric Sachs and others regarding NEED INPUT: WHO report on Glyphosate and Cancer - ICABR Session in June, wherein Heydens writes: "... the Epidemiology conclusion was the least of our problems at the IARC review, that it was really the animal toxicology and genotox (MOA) groups that went way, way overboard and killed us."</p>

<p> MONGLY00937355  MONGLY00937356  MONGLY00937359  MONGLY00937361    4/16/2015    Documents Released:    12/25/2018 </p>	<p> <a href="#">Email from Data Group Management to Monsanto Employees Discussing Minutes of Joint Glyphosate Task Force Meetings</a>    AND    <a href="#">Joint Glyphosate Task Force Steering Committee Teleconference Agenda - March 6, 2015</a>    AND    <a href="#">Joint Glyphosate Task Force Steering Committee Teleconference Agenda - March 20, 2015</a>    AND    <a href="#">Joint Glyphosate Task Force Steering Committee Teleconference Agenda - April 2015</a> </p>	<p> MONGLY00937355 contains an email from Katie Miller of Data Group Management to various Monsanto employees containing the agendas and minutes of various Joint Glyphosate Task Force (JGTF) meetings.    MONGLY00937356 is JGTF meeting minutes from March 6, 2015    MONGLY00937359 is JGTF meeting minutes from March 20, 2015    MONGLY00937361 is JGTF meeting minutes from April 15, 2015 </p>
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Bates	Title	Description
<p>MONGLY03210343</p> <p>4/21/2015</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email: After IARC, Monsanto Cannot Convincingly Argue to Purchasers That Roundup is not a Carcinogen</a></p>	<p>Internal discussion indicating that Monsanto cannot convincingly argue to purchasers that Roundup is not a carcinogen in light of IARC. Email subject “Ontario Airport/City of Los Angeles bid-Carcinogen disclaimer</p>
<p>MONGLY00987755 - MONGLY00987758</p> <p>4/28/2015</p> <p>Documents Released:</p> <p>3/14/2017</p>	<p><a href="#">Email Correspondence Where Jess Rowland Reportedly Said ‘If I can kill this I should get a medal’.</a></p>	<p>These documents contain email correspondence between Dan Jenkins (Monsanto exec), William Heydens (Monsanto exec) and other colleagues. Jenkins relays to colleagues that Jess Rowland (EPA) called him out of the blue and said he deserved a medal if he could “kill” another government agency’s proposed review of glyphosate. ‘If I can kill this I should get a medal,’ Rowland boasted to Jenkins, according to the email.</p>
<p>MONGLY01994735</p> <p>4/29/2015</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email: EPA asked Cheminova to “provide them with our rat chronic tox/onco study and mouse oncogenicity study (Atkinson, et al. 1993a,b)”</a></p>	<p>This document contains email correspondence between Monsanto employees David Saltmiras, William Heydens, and Terri Spanogle, Toxicologist, Cheminova, regarding Glyphosate - Cheminova's Chronic Rat and Mouse Oncogenicity Studies, wherein Spanogle writes: “... the EPA Chemical Review Manager for glyphosate asked Cheminova to provide them with our rat chronic tox/onco study and mouse oncogenicity study (Atkinson, et al. 1993a,b).”</p>
<p>MONGLY02953363</p> <p>6/5/2015</p> <p>Documents Released:</p> <p>8/1/2017</p>	<p><a href="#">Internal Email: Monsanto Lobbying Efforts in U.S. to Pressure WHO to ‘Clarify’ IARC Classification of Glyphosate</a></p>	<p>This document contains a forwarded email which outlines Monsanto’s regulatory strategy with respect to “addressing widespread confusion in the wake of the IARC classification...” at *1. “Recent Actions” include “significant outreach within the U.S. government to secure its engagement with the WHO in an effort to obtain that clarification. We have briefed key staff at EPA, USTR, USDA and the State Department as well as members of Congress.” at *2.</p>

Bates	Title	Description
<p>MONGLY03064695</p> <p>6/5/2015 – 6/24/2015</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Monsanto Executive Communicates with EPA Official Jack Housenger, Gets Inside Track on Status of Potential Glyphosate Evaluation</a></p>	<p>This document contains email correspondence between various Monsanto personnel wherein Daniel Jenkins expresses concerns over the ATSDR glyphosate review and the information garnered from Mr. Housenger at the EPA’s Office of Pesticide Programs regarding delaying the ATSDR review: “ATSDR Director and Branch Chief have promised Jack Housenger (Director of the US Office of Pesticide Programs) to put their report "on hold" until after EPA releases its preliminary risk assessment (PRA) for glyphosate... She describes ATSDR as being VERY conservative and IARC like in this regard as well as the fact that they are hazard based. Makes me very nervous, but I asked Jack whether or not he was worried about ATSDR coming out with something different and he said he wasn’t and I think he was being genuine.” at *1, 2.</p>
<p>MONGLY02060344</p> <p>6/24/2015</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Email Showing Communications Between Monsanto and EPA in Furtherance of Avoiding Roundup and Glyphosate Testing</a></p>	<p>This document contains email correspondence between Jack Housenger, Director of the Office of Pesticide Programs (EPA), Daniel Jenkins (Monsanto), and Dr. William Heydens (Monsanto). Mr. Housenger reports to Mr. Jenkins that he has spoken to individuals at the Agency for Toxic Substances and Disease Registry (ATSDR), one of whom, the branch chief, Henry Abadin, “ended up saying that they would put glyphosate on hold holding the OPP risk assessment.” at *2. Dr. Heydens acknowledges with respect to the ATSDR decision to not review glyphosate: “hopefully that keeps them from doing anything too stupid.” at *1.</p>
<p>MONGLY03342947</p> <p>7/7/2015</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email: Discussion re aligning EPA position with Monsanto</a></p>	<p>This is an email discussion between Melissa Duncan, Dan Jenkins, Ty Vaughn and others re Glyphosate Steering Committee, in which efforts to prevent ASTDR from conducting a carcinogenicity analysis of glyphosate/Roundup, suggesting they write to “HHS and EPA complaining that his is "duplicative" and a waste of taxpayer expense? We would like to try and pitch this to a reporter inside the beltway and thought a letter could be valuable to start that dialogue.” Summarizes Monsanto discussions with EPA and HHS officials to accomplish preventing ATSDR analysis.</p>

Bates	Title	Description
<p>MONGLY03853393</p> <p>7/21/2015</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Email Exchanges Re: ATSDR Meeting</a></p>	<p>Email exchange between Dan Jenkins, Steven Levine, Donna Farmer, William Heydens and other Monsanto employees discussing a meeting with the U.S. Agency for Toxic Substances &amp; Disease Registry (ATSDR). In the email, Dan Jenkins says, “BTW EPA thinks our review is particularly important for ATSDR to be aware of...” then copy/pastes a correspondence with Jess Rowland (EPA), in which Rowland says “ATSDR should have this one” - a link to the Greim 2015 review</p>
<p>MONGLY07674661- MONGLY07674678</p> <p>7/24/2015</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Letter From EPA Re: Label Amendment, Accepted Label for RD 1686 Herbicide (Roundup Concentrate Max Control 365)</a></p>	<p>Label Amendment - Reformatting, additional marketing claims, new mixing—instructions for concentrate refills into a ready-to-use container of EPA Reg. No.—71995-51—</p>
<p>MONGLY02451585 MONGLY02451588</p> <p>7/24/2015</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email Discussing Glyphosate Issue Snowballing in Northern California</a></p> <p>AND</p> <p><a href="#">Internal Monsanto PowerPoint: The Studies Behind the IARC Cancer Listing for Glyphosate</a></p>	<p>MONGLY02451585 is a 7-24-2015 Steven Gould email about “no glyphosate” issue snowballing in NorCal, Marin County Water District banning roundup after IARC decision</p> <p>MONGLY02451588 is Pesticide Research Institute int PowerPoint: The Studies Behind the IARC Cancer Listing for Glyphosate, citing studies IARC relied upon, indicates: “We don't know the cancer potency of glyphosate, but both animal and human studies indicate that tumors occur in individuals exposed to the highest doses, suggesting a relatively low potency. Implications: People exposed to high levels of glyphosate have more reason to be concerned than those exposed to low levels or only occasionally. • Caveat: Children typically more susceptible to carcinogens. Potency is assumed to be higher for them.”</p>

Bates	Title	Description
<p>MONGLY03397647</p> <p>8/27/2015</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Internal correspondence re meeting with OEHHA</a></p>	<p>Internal correspondence re meeting with OEHHA. Monsanto employee David Heering says OEHHA granted meeting with Monsanto prior to Prop 65 listing.</p>
<p>MONGLY00994305- MONGLY00994321</p> <p>8/28/2015</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Review of IARC's Opinion on Glyphosate (Animal Carcinogenicity Working Group)</a></p>	<p>Internal Presentation: "Review of IARC's Opinion on Glyphosate (Animal Carcinogenicity Working Group) August 18, 2015.</p>
<p>MONGLY03351983 - MONGLY03351985</p> <p>9/3/2015</p> <p>Documents Released:</p> <p>3/14/2017</p>	<p><a href="#">Email from Monsanto Exec Dan Jenkins Acknowledging Jess Rowland's Retirement from EPA, Says Rowland 'Could be Useful' on Glyphosate Defense</a></p>	<p>These documents contain an email from Dan Jenkins in which he expresses prior knowledge of Jess Rowland's retirement from EPA in 5-6 months/ Jenkins: "Jess will be retiring from EPA in [around] 5--6 mos and could be useful as we move forward with ongoing glyphosate defense."</p>

Bates	Title	Description
<p>MONGLY07087986</p> <p>9/4/2015</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Steve Gould response to Prop 65</a></p>	<p>Steve Gould response to Prop 65.</p>
<p>MONGLY03402751</p> <p>9/22/2015</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email Re: JMPR Action Plan</a></p>	<p>Agenda for JGTF meeting.</p>
<p>MONGLY04287322</p> <p>10/2015</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Notes of Daniel Jenkins Re: various regulatory issues</a></p>	<p>Notes of Daniel Jenkins re various regulatory issues.</p>
<p>MONGLY03315608</p> <p>10/5/2015</p> <p>Documents Released:</p> <p>8/1/2017</p>	<p><a href="#">Internal Monsanto Emails: Company Officials Admit to Anticipating Personal Injury Lawsuits Over Glyphosate Exposure</a></p>	<p>This document contains email correspondence between various Monsanto personnel wherein it is stated: “As discussed on the weekly glyphosate call, the first two post-IARC glyphosate personal injury lawsuits in the U.S. were filed in late September. One case was filed in New York and another in California. We had anticipated such litigation for some time.” at *2.</p>

Bates	Title	Description
<p>MONGLY03878138</p> <p>10/23/2015-10/26/2015</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">More Communication Between Monsanto and Key EPA Official Jack Housenger Regarding Potential Government Review of Glyphosate</a></p>	<p>This document contains email correspondence between Daniel Jenkins (Monsanto) and Jack Housenger (EPA OPP) regarding “atsdr”. Mr. Housenger informs Mr. Jenkins: “We met with cdc about a month ago. We talked about that. They are waiting for our glyphosate RA. And they agreed to share what they do.” at *2. Mr. Jenkins forwards the communication to Mr. David Heering (Monsanto), who responds: “Thanks for the update. Let us know if there is anything we can do to help.” at *1.</p>
<p>MONGLY01665908</p> <p>MONGLY01665909</p> <p>No Date Listed, Likely Late 2015 or 2016</p> <p>Documents Released: 3/14/2017</p>	<p><a href="#">Internal Monsanto “Goals” for Glyphosate</a></p>	<p>In these documents, Monsanto internal memoranda outlines goals for glyphosate: “Persuade EPA to follow Europe and Canada in defending the science behind a determination that glyphosate is not carcinogenic and initiate the glyphosate preliminary risk assessment public comment without an SAP. At a minimum, persuade EPA not to announce or otherwise make final decisions regarding an SAP until after JMPR in May 2016.”</p>
<p>MONGLY01251889- MONGLY01251899</p> <p>1/22/2016</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Internal Government Affairs Update Jan. 2016</a></p>	<p>Internal Government Affairs Update</p>

Bates	Title	Description
<p>MONGLY03379079</p> <p>2/2/2016</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Monsanto Executive Confirms in Email to CropLife America That Company Pressured EPA Not to Convene Scientific Advisory Panel on Glyphosate</a></p>	<p>This document contains email correspondence between Monsanto regulatory affairs employee Mr. Daniel Jenkins and members of Croplife America wherein Mr. Jenkins informs Ms. Janet Collins (Croplife) that Monsanto has been urging the EPA to not convene the Scientific Advisory Panel to review the EPA’s 2016 glyphosate issue paper: “Find it troubling that he’s saying it publicly, as we are urging them not to. It’s a very bad move to be so equivocal, especially when EFSA is so definitive and hopefully JMPR will be soon too.” at *2.</p>
<p>MONGLY03859549</p> <p>2/12/2016</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Email Showing Monsanto Executive Used Relationships at EPA to Delay Scientific Advisory Panel Review on Glyphosate</a></p>	<p>This document contains email correspondence between various Monsanto personnel wherein Jeremy Stump discloses details of a meeting he and Mr. Jenkins had with EPA officials “Jim Jones and Jack Housenger earlier this afternoon.” at *1. With respect to glyphosate, “They wouldn't give a clear answer on when they might announce SAB/P...We argued that they should wait on making any announcements given upcoming JMPR and possibly other gov’t determinations.” at *2. Mr. Heering responds: “Did they comment on the suggestion to wait on announcing the SAP/B until after JMPR and other country announcements?” at *1.</p>
<p>MONGLY01665907</p> <p>2/24/2016</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Memo re EPA influence for defending glyphosate</a></p>	<p>Memo re EPA influence for defending glyphosate</p>
<p>MONGLY02970344- MONGLY02970345</p> <p>2/25/2016</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email: Discussion on Aligning EPA with Monsanto on Glyphosate</a></p>	<p>Discussion re influencing the EPA with meeting</p>

Bates	Title	Description
<p>MONGLY03324623</p> <p>2/25/2016</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email: Heydens suggestions re influence EPA meeting</a></p>	<p>Heydens suggestions re influence EPA meeting</p>
<p>MONGLY02056568</p> <p>3/10/2016 – 4/22/2016</p> <p>Documents Released:</p> <p>8/1/2017</p>	<p><a href="#">Email Details Monsanto’s Financial Support of Glyphosate Research Without Disclosing Company’s Interest</a></p>	<p>This document contains email correspondence between various Monsanto personnel wherein Dr. Goldstein entertains the prospect of a “glyphosate symposium”, which is “acceptable but direct Monsanto support would likely be a bad idea.” at *1. The full proposal from Allister Vale begins on the second page and it is explicitly stated that “[f]unding via the Glyphosate Consortium would be a way of taking this kind of meeting forward. Given the hands off arrangement you mention I am confident it would be possible to put together a team of clinical / medical toxicologists to be primarily responsible for the organization. However, to make this work, neither I nor they could be in receipt of direct funding from Monsanto or the Glyphosate Consortium.” at *2.</p>
<p>MONGLY03401522</p> <p>3/29/2016 – 4/6/2016</p> <p>Documents Released:</p> <p>8/1/2017</p>	<p><a href="#">Internal Email Shows Monsanto’s Reaction to French Ban of Roundup Surfactant – Consequences of Ban Could ‘Have Global and Trade Impact’</a></p>	<p>This document contains email correspondence between various Monsanto personnel wherein David Carpintero discusses the French ban of Roundup tallowamine surfactant: “We are expecting the letter of intention from French regulator ANSES very soon, and it might point to ‘imminent health risk’ regarding the use of tallowamine. We do not agree with the withdrawal but we will abide. We simple would need the argumentation for the ban/withdrawal to not be based on ‘human health’ but other on considerations like precautionary principle. The consequences of this ban if referring to human health risks have the potential to go beyond France and would potentially have global and trade impact. It is therefore of essence that any intention to ban does not refer to imminent human health risk.” at *2.</p>



Bates	Title	Description
<p>MONGLY02054538 – MONGLY02054540</p> <p>3/31/2016</p> <p>Documents Released: 3/14/2017</p>	<p><a href="#">Emails between EPA officials and Monsanto Executive Dan Jenkins</a></p>	<p>These documents contain correspondence between EPA official Khue Nguyen (Chemical Review Manager) and Monsanto executive Dan Jenkins. Nguyen outlines questions for an upcoming meeting as part of registration review for glyphosate.</p>
<p>MONGLY02358772</p> <p>4/1/2016 – 4/4/2016</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Email Further Demonstrating Monsanto's Intimate Relationship with Jess Rowland, Former EPA Official</a></p>	<p>This document contains an email correspondence between various Monsanto personnel wherein James M. Nyangulu writes to Dr. William Heydens about meeting with Jesudoss Rowland, formerly of the EPA's Office of Pesticide Programs (OPP): "I reached out to Jess Rowland this morning. He is willing to talk tomorrow, however he has back to back meetings from 9:30:ill 1.1.30 am. He has given me his cell phone number for us to text him once we know what time we would like to meet him. He wanted to check with the Product Manager (PM) for MON102100 (not a good thing.... PM likely to deny the meeting). I discouraged him and hopefully he won't check with the PM." at *1.</p>
<p>MONGLY03402231</p> <p>4/21/2016</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Internal discussion re conversations with EPA officials</a></p>	<p>Email discussion among several Monsanto employees concerning Anne Overstreet's (EPA) statement to the press concerning glyphosate.</p>
<p>MONGLY02793243</p> <p>4/25/2016</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Daniel Goldstein acknowledges that OSHA regulations require Monsanto to list IARC decision on MSDS</a></p>	<p>Daniel Goldstein acknowledges that OSHA regulations require Monsanto to list IARC decision on MSDS</p>

Bates	Title	Description
<p>MONGLY03558820</p> <p>4/28/2016 – 7/6/2016</p> <p>Documents Released: 8/1/2017</p>	<p><a href="#">Internal Email: Monsanto’s Political Influence Could Be Used as Motivator for IARC to ‘Change Their Current Inappropriate Practices’</a></p>	<p>This document contains email correspondence between various Monsanto employees wherein John Lynch states: “To date I have eight industry associations, plus CropLife Canada, who have expressed interest in engaging in further discussions on how to collaborate as a more substantial critical mass, representing a significant chunk of Canada’s GDP and innovation investments, to capture the attention of the federal government and encourage an approach to motivate IARC to make adjustments to their current inappropriate practices.” at *2.</p>
<p>MONGLY03391458</p> <p>5/2/2016</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Internal discussion between Monsanto employees wherein it is stated that EPA did not review all of the mouse carcinogenicity studies</a></p>	<p>Internal discussion between Monsanto employees wherein it is stated that EPA did not review all of the mouse carcinogenicity studies.</p>
<p>MONGLY03410604 - MONGLY03410607</p> <p>5/2016 – 6/2016</p> <p>Documents Released: 3/14/2017</p>	<p><a href="#">Email Correspondence Between Monsanto and EPA Over EU Cancer Data for Glyphosate (Monsanto Provides Japanese Study)</a></p>	<p>In these documents EPA official Khue Nguyen asks Monsanto personnel for access to EU cancer data for glyphosate. Nguyen is put in contact with a representative from Monsanto Japan who will coordinate to provide EPA with Japan’s Food Safety Commission (FSC) Assessment Report</p>
<p>MONGLY03554016</p> <p>8/8/2016</p> <p>Documents Released: 12/25/2018</p>	<p><a href="#">Monsanto Email Discussing Prop 65 and NOEL</a></p>	<p>Internal correspondence between Monsanto employees wherein David Heering discusses Prop 65 and NOEL (no-observed effect level).</p>

Bates	Title	Description
MONGLY03550799, MONGLY03550800  8/9/2016  Documents Released: 8/1/2017	<a href="#">Monsanto Talking Points in Preparation for Meeting with EPA Director Show Attempt to Preclude Glyphosate Review</a>	These documents contain a set of “talking points” in anticipation of Monsanto’s meeting with EPA director Gina McCarthy. The talking points include: “There is already enough for EPA to act without a SAP”; “If she pushes back on reviews by other agencies Hugh needs to question her as to why they then considered IARC's flawed classification and again, why are you convening an SAP when your own internal scientists have confirmed the safety of glyphosate”; “Why is this being politicized?” at *2.
MONGLY08076980  9/1/2016  Documents Released:  12/25/2018	<a href="#">Monsanto Email Re: “summary of yesterday’s meeting between Hugh and EPA Administrator McCarthy”</a>	This document is an email between various Monsanto employees re “summary of yesterday’s meeting between Hugh and EPA Administrator McCarthy.”
<h2>Media &amp; PR Response</h2>		
MONGLY00878199  11/4/1999  Documents Released:  12/25/2018	<a href="#">Monsanto Email Re: RFT Peter Raven Story</a>	This document contains email correspondence between Monsanto employees Daniel Goldstein, Lisa Drake, Donna Farmer, John Acquavella, and Michael McKee regarding RFT Peter Raven story, wherein Monsanto plans a coordinated response to “Peter and the Wolf” by Jeannette Batz published in The Riverfront Times.

Bates	Title	Description
<p>MONGLY06987082</p> <p>3/6/2006</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Eric Sachs PowerPoint Presentation: Issues Management, Regulatory Affairs, Scientific Affairs</a></p>	<p>This document contains a powerpoint presentation, “Issues Management, Regulatory Affairs, Scientific Affairs” by Monsanto’s Eric Sachs. Issues Management “Rapidly respond to emergent global scientific and technology challenges to Monsanto” including “engagement by 3<sup>rd</sup> parties.” “Monsanto’s engagement can be like pouring fuel on a fire.”</p>
<p>MONGLY06975529</p> <p>10/26/2010</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email Re: Posting on AgBioChatter</a></p>	<p>This document contains email correspondence between Monsanto employees Eric Sachs, Stacy Stater, Thomas Carrato and others re: posting on AgBioChatter.</p>
<p>MONGLY04128742</p> <p>1/17/2011</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Email correspondence in response to an article by Jeffrey Smith regarding the impact of Roundup on soil, plants, animals and the human population</a></p>	<p>This document contains email correspondence between Monsanto’s Eric Sachs, Thomas Helscher, Gary Hartnell, Daniel Goldstein and others. In response to an article by Jeffrey Smith regarding the impact of Roundup on soil, plants, animals and the human population, Sachs writes: “We should engage Bruce Chassy, if available, to post a response to AgBioView and then Academics Review.”</p>
<p>MONGLY04128817</p> <p>1/19/2011</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email: Eric Sachs Organizes Third Party Response to Jeffrey Smith Article</a></p>	<p>This document contains an email exchange between Eric Sachs and others re: organizing third party response to Jeffrey Smith article. It is suggested that Bruce Chassy be engaged to post a response to AgBioView and Academics Review.</p>

Bates	Title	Description
<p>MONGLY01931964</p> <p>4/9/2011</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Internal discussion about how to respond to Carey Gillam story</a></p>	<p>Internal discussion about how to respond to Carey Gillam story</p>
<p>MONGLY00997883</p> <p>MONGLY00997886</p> <p>MONGLY00997889-</p> <p>MONGLY00997895</p> <p>12/8/2011</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email Re: PAG Meeting &amp; Update Discussing Web Consultant Presentations</a></p> <p>AND</p> <p><a href="#">Genius GmbH Proposed Design and Structure of a Glyphosate Information Portal</a></p> <p>AND</p> <p><a href="#">Glyphosate Perspectives Website and Plan for Improving Perception of Glyphosate Via Dedicated EU Website</a></p>	<p>MONGLY00997883 is an email discussing PAG Meeting with draft agenda and discussion of web consultant presentations.</p> <p>MONGLY00997886 is a presentation from Genius GmbH for a Glyphosate Information Portal</p> <p>MONGLY00997889- MONGLY00997895 is a presentation from ZN Marketing with a glyphosate website mockup and a document titled “creating an online hub to improve the perception of glyphosate”</p>

Bates	Title	Description
<p>MONGLY07027353</p> <p>5/20/2013</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Email from Monsanto's Scott Stevener circulating an article, "The Goodman affair: Monsanto targets the heart of science"</a></p>	<p>This document contains an email from Monsanto's Scott Stevener to various Monsanto employees and forwards an article, "The Goodman affair: Monsanto targets the heart of science," regarding former Monsanto employee, Richard E. Goodman's appointment as Associate Editor for biotechnology at Food and Chemical Toxicology in 2013. Stevener summarizes the article, stating: "this could be the beginning of Monsanto's and the life science industry's push to seize control of science."</p>
<p>MONGLY07012777</p> <p>MONGLY07012778</p> <p>MONGLY07012780</p> <p>8/8/2013</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email From Kelly Clauss Re: Monsanto Questions</a></p> <p>AND</p> <p><a href="#">Monsanto Email Re: Questions Related to Monsanto Products Submitted to Company Website</a></p> <p>AND</p> <p><a href="#">Excel Spreadsheet with Questions and Answers Re: Monsanto Products</a></p>	<p>MONGLY07012777 and MONGLY07012778 are emails from Monsanto's Kelly Clauss, Aimee Hood, John Vicini, Eric Sachs et al., regarding questions concerning Monsanto's products.</p> <p>MONGLY07012780 is a spreadsheet detailing questions asked on GMO Answers with commentary and answers.</p>

Bates	Title	Description
<p>MONGLY01021378</p> <p>3/4/2015</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email Regarding Experts “to Defend Glyphosate”</a></p>	<p>This document contains email correspondence between Monsanto employees David Saltmiras, William Heydens, and Donna Farmer regarding Experts that PA/CE could reach out to...defend glyphosate in the media. Farmer suggests: Keith Solomon, John DeSesso, Jim Lamb, Len Ritter, Mark Cullen, Allen Felsot, Frank Dost, John Acquavella, Elizabeth Delzell and Ellen Chang.</p>
<p>MONGLY01981660</p> <p>3/16/2015</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email: Dan Goldstein confirms that Monsanto “will contribute to ACSH”</a></p>	<p>Email correspondence between Dan Goldstein and Gilbert Ross wherein Dan Goldstein confirms that Monsanto will support the ACSH.</p>
<p>MONGLY02520833 MONGLY02520835- MONGLY02520838</p> <p>3/26/2015</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Email Correspondence Discussing Talking Points for Donna Farmer’s Appearance on The Doctors</a></p> <p>AND</p> <p><a href="#">Potential Questions for Donna Farmer from The Doctors TV Show</a></p>	<p>MONGLY02520833 contains email correspondence between Monsanto employees Donna Farmer, Sara Miller, Kelly Clauss and PR firm Fleishman Hillard’s Vice President, Chelsey Watts regarding talking points in preparation for Farmer’s appearance on the TV show The Doctors. The document includes an attachment (MONGLY02520835-MONGLY02520838) “Potential Questions from The Doctors.”</p>

Bates	Title	Description
<p>MONGLY05644794</p> <p>7/9/2015</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Daily Monitoring of Glyphosate Activity Progress in Let Nothing Go Campaign</a></p>	<p>Daily monitoring report of glyphosate activity.</p>
<p>MONGLY07673376- MONGLY07673377</p> <p>8/19/2015</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email Discussing Benbrook Op-Ed in New England Journal of Medicine</a></p>	<p>Internal discussion re Benbrook.</p>
<p>MONGLY02022285</p> <p>10/19/2015</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Current Issues Talking Points - 'Misinformation' in Neil Young's Lyrics</a></p>	<p>This document contains Current Issues: Talking Points, of which singer/songwriter, Neil Young is identified as someone, who through his song lyrics, disseminates alleged misinformation about Monsanto and its products.</p>
<p>MONGLY03381565</p> <p>2/9/2016</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Kate Kelland article circulated by Red Flag employee leads to discussion re keeping Monsanto at arm's length in IARC and Prop 65 rebuttal</a></p>	<p>Kate Kelland article circulated by Red Flag and Discussion re keeping Monsanto at arms length in IARC and Prop 65 rebuttal.</p>



Bates	Title	Description
<p>MONGLY06747368</p> <p>4/10/2016</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Emails re article by David Zaruk</a></p>	<p>Emails re article by David Zaruk and Jon Entine.</p>
<p>MONGLY03487960</p> <p>5/25/2016</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email: Sam Murphey Discusses “Let Nothing Go” Campaign Moving Beyond Media to Direct Political Outreach in EU</a></p>	<p>This email between Sam Murphey, Melissa Duncan, David Heering and others discusses Monsanto and Fleishman Hillard plan for glyphosate outreach in Europe, which “moves beyond our previous focus on the media components of the ‘Let Nothing Go’ campaign and specifically focuses on direct outreach to political stakeholders.”</p>
<p>MONGLY07575811</p> <p>6/18/2017</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Internal discussion re Carey Gillam article</a></p>	<p>Internal discussion re Carey Gillam article.</p>

Bates	Title	Description
<b>Freedom to Operate</b>		
<p>MONGLY03736967</p> <p>4/20/2001</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email Discussing FTO After Howard County Expressed Concern Over Roundup Use</a></p>	<p>Internal correspondence wherein it is stated that it is important for Monsanto's "FTO business, but is also important if we expect to retain and promote further public consumer acceptance of our RoundupReady line of agricultural products."</p>
<p>MONGLY00923397 MONGLY00923398 - MONGLY00923401</p> <p>1/31/2005</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Email from Carol Burns of Dow Chemical to various participants of CropLife America</a></p> <p>AND</p> <p><a href="#">Meeting Minutes of CLA Epidemiology Work Group Teleconference - Nov. 30, 2004</a></p>	<p>Email from Carol Burns of Dow Chemical to various participants of CropLife America, containing attachment (MONGLY00923398 - MONGLY00923401) of minutes from meeting on November 30, 2004. In the minutes, they discuss the problems with the Agricultural Health Study. Other attachments discuss potential project ideas.</p>
<p>MONGLY06818312</p> <p>6/23/2005</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Emails re Roundup court case and FTO communication plan</a></p>	<p>Emails re Roundup court case and FTO communication plan.</p>

Bates	Title	Description
<p>MONGLY04134207</p> <p>1/14/2009</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email Re: Freedom to Operate and Stewardship</a></p>	<p>This document contains email correspondence between Donna Farmer and other Monsanto employees regarding FTO [Freedom to Operate] and Stewardship. A Monsanto employee defines FTO in part as “regulatory, technical, marketing and communication actions set up to create a more favorable environment to secure authorizations of all our products and technologies.”</p>
<p>MONGLY00984223</p> <p>8/24/2009</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email Re: Surfactant Issues in Germany and FTO Strategy</a></p>	<p>MONGLY00984223 is an email exchange among various Monsanto employees re surfactant issues in Germany and FTO strategy for EU.</p>
<p>MONGLY00981878</p> <p>2/19/2014</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email Discusses “Maintaining/Securing FTO for Surfactants”</a></p>	<p>This document contains email correspondence from Monsanto’s William Heydens, regarding Surfactants, wherein Heydens writes: “One of those things is maintaining/securing FTO for surfactants. We have done a great job focusing on glyphosate defense, but there are battles to be waged on the surfactant front.”</p>
<p>MONGLY03316060</p> <p>3/24/2015</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Overview of Glyphosate FTO</a></p>	<p>Presentation: Overview of Glyphosate FTO, EU Glyphosate Review - Jan. 25, 2016</p>

Bates	Title	Description
MONGLY07296609  5/12/2015  Documents Released: 12/25/2018	<a href="#">Email Discussing Monsanto's Freedom to Operate (FTO)</a>	Blueprint for protecting Monsanto's Customers Freedom to Operate (FTO)

Bates	Title	Description
<b>Discrediting Seralini</b>		
<p>MONGLY00923758- MONGLY00923760</p> <p>3/3/2005</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email: Steven Levine, Donna Farmer and Others Discuss Seralini Article</a></p>	<p>This document contains email correspondence between Monsanto employees Steven Levine, Donna Farmer, and Daniel Goldstein regarding Seralini article, wherein Levine provides a critical analysis of the article.</p>
<p>MONGLY02061150</p> <p>4/12/2010</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto personnel celebrating the fact that the Seralini publication was rejected</a></p>	<p>Monsanto personnel celebrating the fact that the Seralini publication was rejected.</p>
<p>MONGLY02997262 MONGLY02997264</p> <p>1/19/2011</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email Re: Seralini vs. Fellous Defamation Case</a></p>	<p>This document contains email correspondence between Monsanto's Daniel Goldstein, Eric Sachs, Ivo Brants, Stacey Stater regarding Seralini vs. Fellous Defamation Case.</p>

Bates	Title	Description
<p>MONGLY02428282  MONGLY02428287  MONGLY02428288-  MONGLY02428338</p> <p>1/26/2011</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Internal Email showing Monsanto's Donna Farmer responding to allegations regarding Seralini smear campaign</a></p> <p>AND</p> <p><a href="#">Letter to Dr. Mae-Won Ho and Carol Stangel (EPA) Discussing Surfactants</a></p> <p>AND</p> <p><a href="#">EPA Response to Public Comments on Glyphosate, AFFSA (France) Docs and Studies</a></p>	<p>MONGLY02428282 is an email exchange wherein Donna Farmer responds to allegations that Monsanto initiated a smear campaign against Seralini in 2009. (see MONGLY02061150 for Monsanto employees acting as peer reviewers to reject the study's publication)</p> <p>MONGLY02428287 is a letter to Dr. Mae-Won Ho and Carol Stangel (EPA) discussing surfactants and glyphosate-based herbicides.</p> <p>MONGLY02428288-  MONGLY02428338 contains a 2009 EPA Memo Re: Response to Public Comments on Glyphosate, AFFSA (France) documents and several studies. Includes responses to Seralini, Beyond Pesticides and Center for Food Safety submissions</p>
<p>MONGLY01004472-  MONGLY01004480</p> <p>9/24/2012</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email showing Monsanto's employees' attack on Seralini included influence on French government</a></p>	<p>This document contains email correspondence between Monsanto's David Saltmiras, Eric Sachs, Chloe Pavley and others regarding Seralini. Ms. Pavley forwards a link to an article by Henry Miller and Bruce Chassy, "Scientists Smell a Rat in Fraudulent Genetic Engineering Study," in Forbes.com.</p>

Bates	Title	Description
<p>MONGLY06990900</p> <p>9/28/2012</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Eric Sachs circulates the letter sent to A. Wallace Hayes re Seralini retraction</a></p>	<p>This document contains email correspondence between Eric Sachs and Peter Raven wherein Sachs circulates the letter sent to the Editor in Chief of the Journal of Food &amp; Chemical Toxicology, A. Wallace Hayes, regarding Seralini retraction.</p>
<p>MONGLY06990942- MONGLY06990950</p> <p>9/30/2012</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Internal Email showing Monsanto employees' strategy for retraction of Seralini et al.</a></p>	<p>This document contains email correspondence between Monsanto's Eric Sachs, Jerry Steiner, Philip Miller et al., regarding Seralini Paper – Letter to the Editor of JFCT from 25 Scientists in 14 Countries, and includes the letter sent to editor, A. Wallace Hayes. Sachs writes: "Several in Chatter are asking for the letter signed by 25 scientists to be shared publicly and leveraged.... If ... publicizing the letter would lead Heyes and Elsevier to retract then it should be done immediately."</p>
<p>MONGLY06990942</p> <p>10/1/2012</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email: Internal discussion of how to orchestrate retraction of Seralini study</a></p>	<p>Internal discussion of how to orchestrate retraction of Seralini study.</p>

Bates	Title	Description
<p>MONGLY02719740- MONGLY02719742</p> <p>12/3/2012</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email showing Monsanto employees discussing retraction of Seralini et al study</a></p>	<p>This document contains email correspondence between Monsanto’s David Saltmiras, Eric Sachs, William Heydens, et al., regarding New Scientist: Pressure mounts for retraction of GM crop-cancer study, wherein they discuss retraction of Seralini 2012 study on the basis of COPE guidelines.</p>
<p>MONGLY02279114- MONGLY02279117</p> <p>3/18/2013</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email showing Monsanto consultants’ acknowledgment that Seralini cannot be dismissed as ‘junk science’</a></p>	<p>This document contains email correspondence between Monsanto’s consultants regarding Glyphosate carc review v6, wherein one acknowledges that they cannot simply dismiss Seralini as “junk science” in their glyphosate cancer review.</p>
<p>MONGLY01131436- MONGLY01131452</p> <p>3/22/2013</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email showing Monsanto consultants discussion of Seralini et al retraction.</a></p>	<p>This document contains email correspondence between Monsanto’s David Saltmiras and consultants regarding Glyphosate carc review v6, wherein a consultant writes: “I agree that Seralini has received more attention than he deserves and we should not contribute to this any further. If we had an idea about when we can expect Seralini's paper to disappear from the archives, we may decide to not even mention his name at all.”</p>



Bates	Title	Description
<p>MONGLY00901358- MONGLY00901360</p> <p>12/2/2013</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email showing Monsanto employees anticipating legal action after retraction of Seralini study</a></p>	<p>This document contains email correspondence between Monsanto employees David Saltmiras, John Vicini, Daniel Goldstein, Shawna Lin Lemke regarding Seralini Study to be retracted by Journal of Food and Chemical Toxicology. An email is forwarded re: Chatter: Seralini Urgent. Goldstein writes: "I think this will prove to be a widely regretted decision."</p>
<p>MONGLY07001161- MONGLY07001163</p> <p>9/20/2015</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto consultant Bruce Chassy claims Seralini attempted to commit fraud</a></p>	<p>This document contains postings on AgBioChatter by Bruce Chassy and others regarding Chatter: Seralini filed a complaint for defamation, again, wherein Chassy writes: "The facts are, however, pretty clear that in this case that Seralini has repeatedly attempted to commit scientific fraud."</p>

Bates	Title	Description
<b>Discrediting IARC</b>		
<p>MONGLY03046906</p> <p>1/28/2015</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Internal Discussion Re: Amplification of Pending Glyphosate Journal Articles Pre IARC</a></p>	<p>This document contains an email chain between n Monsanto’s Aimee Hood, William Heydens, John Vicini and others regarding amplification of pending glyphosate journal articles &amp; other potential communications. In preparation for IARC decision on the carcinogenicity of glyphosate, Monsanto planned to promote pending articles on glyphosate website. Vicini writes: “This link has Monsanto’s website responses to Carcinogenicity and Non Hodgkins Lymphoma and it dated 2002. I assume we can update these based on our recent work.”</p>
<p>MONGLY06791698</p> <p>MONGLY06791701</p> <p>MONGLY06791704</p> <p>2/5/2015</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Email Discussion Re: Using CropLife America to Respond to IARC</a></p> <p>AND</p> <p><a href="#">Email Re: IARC Carcinogenicity Classifications</a></p> <p>AND</p> <p><a href="#">Table of Glyphosate Classifications: IARC (2006), GHS (2011) and EU (2008), EPA (2005)</a></p>	<p>Email Discussion Re: Using CropLife America to Respond to IARC</p>

Bates	Title	Description
<p>MONGLY00947787 MONGLY00947788- MONGLY00947795</p> <p>2/26/2015</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email Re: Revised Biblio and Approach</a></p> <p>AND</p> <p><a href="#">Monsanto IARC Literature Feb. 2015</a></p>	<p>This document contains email correspondence between Monsanto employees Daniel Goldstein and William Banner regarding revised biblio and approach, with an attachment, Monsanto IARC literature Feb. 2015.</p>
<p>MONGLY04773726 MONGLY04773729</p> <p>2/27/2015</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email Re: IARC response plan</a></p> <p><a href="#">Monsanto IARC Response - Key Glyphosate Studies</a></p>	<p>IARC response plan.</p>
<p>MONGLY07596759</p> <p>3/20/2015</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Issue Alert: IARC Panelists Classify Glyphosate as Probably Carcinogenic to Humans After Reviewing Limited Studies</a></p>	<p>IARC Issue Alert</p>

Bates	Title	Description
<p>MONGLY07597045</p> <p>3/21/2015</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Email Re: IARC Aftermath</a></p>	<p>Email circulating links to press articles following the release of IARC Monograph 112</p>
<p>MONGLY00955236</p> <p>4/29/2015</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email: Discussing Consequences of the IARC Classification</a></p>	<p>Drs Farmer and Goldstein discussing consequences of the IARC classification</p>
<p>MONGLY07598741</p> <p>6/5/2015</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Document Summarizing the Consequences of an IARC 2A Classification</a></p>	<p>Document summarizing the consequences of an IARC 2A classification. IARC Implications - June 5, 2015 lists regulatory processes, restrictions/bans, and actions for different countries.</p>
<p>MONGLY07598728</p> <p>6/18/2015</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Talking Points Re: IARC Classification of 2, 4-D</a></p>	<p>Talking points re IARC classification of 2, 4-D</p>

Bates	Title	Description
<p>MONGLY03932157</p> <p>8/20/2015</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email Discussing Participation in Toxicology Forum</a></p>	<p>Participation of Monsanto in Toxicology Forum</p>
<p>MONGLY07673038</p> <p>10/15/2015</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email: Drafting Letters to the Senate Ag Committee Through Third Parties to Defend Glyphosate</a></p>	<p>Discussion of drafting letters to senate committee members through third parties.</p>
<p>MONGLY05445959</p> <p>3/2/2016</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Email Re: Reuters Looking to Speak to IARC Observer – Following Red Flag Engagement, Reuters “First Piece Was Quite Critical of IARC”</a></p>	<p>Email re comment from industry affiliate re IARC.</p>
<p>MONGLY02054088</p> <p>4/19/2016</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto employees being recognized for the efforts in defending against IARC decision</a></p>	<p>Monsanto employees being recognized for the efforts in defending against IARC decision</p>

Bates	Title	Description
<p>MONGLY03558820</p> <p>7/6/2016</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email: Internal correspondence re how to influence IARC</a></p>	<p>Internal correspondence re how to influence IARC.</p>
<p>MONGLY07574824- MONGLY07574834</p> <p>1/13/2017</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email: Todd Rands Update on IARC Senate Investigation</a></p>	<p>Todd Rands email re IARC and initiating senate investigation into IARC.</p>
<p>MONGLY07575392</p> <p>4/12/2017</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Kate Kelland Sends Confidential Draft of Reuters Story to Monsanto</a></p>	<p>This document contains email correspondence between Monsanto employees, Samuel Murphey, Todd Rands, Brian Carroll and Reuters' reporter, Kate Kelland. Kelland sent a confidential draft of her story, "New study on Monsanto weed killer to feed into crucial EU vote," to Monsanto's Carroll which is then forwarded by Murphey to Rands.</p>

Bates	Title	Description
<p>MONGLY07575511  MONGLY07575512-  MONGLY07575517</p> <p>4/27/2017</p> <p>Documents Released:</p> <p>12/25/2018</p>	<p><a href="#">Monsanto Email: Sam Murphey Sends Anti-IARC Messages to Reuters Report Kate Kelland for Use in Her Article</a></p> <p>AND</p> <p><a href="#">Monsanto Summary Claiming "IARC Has Been Trying to Hide the Truth"</a></p>	<p>MONGLY07575511 contains email correspondence between Monsanto employees, Samuel Murphey, Todd Rands, and "Kate." Murphey writes that he is sending Kate a background summary deck, the deposition of IARC Chair, Dr. Aaron Blair, and suggests that she speak to Monsanto's VP of Strategy, Scott Partridge, as she is developing a story. Murphey writes: "We think this is a vitally important information that needs to be reported."</p> <p>MONGLY07575512-MONGLY07575517 contains Monsanto's summary claiming that "IARC has been trying to hide the truth by blocking access to key evidence...." and includes a timeline of events, a list of further admissions and a statement by Monsanto's Scott Partridge.</p>