Form Approved OMB No 2070-0060

\$EPA

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W. Washington, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 25 hours per response for registration activates and 0,25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Some comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S W, Washington, DC 20460 Do not send the form to this address

401 W Check, C W , Washington,	Do 20400 Do not send the form to this address	ATA MATRIX			(\$
Date August 16, 2002		_	© EPA Reg	File Symbol: 524-522	Page 1 of 7
Applicant's/Registrant's Name &	Address	05, 89	Product:		-L.C
Monsanto Company, 600 13t	h Street N.W., Suite 660, Washington, D.C 2000		Product:	Bollgard® Leotton	<u> </u>
ngredient A Bacillus thurin	igiensis Cry2Ab2 protein and the genetic materia	thecessary for its f	roduction Bollgard II cotton	event 15985	
Guideline Reference Number	Guideline Study Name	MAND Number	Submitter Submitter	Status	Note
) (Administrative Materials in Support of the Request for the Exemption from the Requirement of Tolerance to Glucuronidase (GUS) as a Plant-Incorporated Protestant Formulation Inert Ingredient.	0 449394070 ×	Submitter Submitter Monsanto Company Monsanto Company Monsanto Company	OWN OWN	
	Administrative Materials in Support of the Amendment of the Requirement of Tolerance for Cry2Ab (Partition PP 71 4888).	14966600 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Wonsanto Company	OWN	
l	hy Mossesito Company	Not yet assigned	Monsant Company	OWN	Submitted 13-Apr-01
4	An unpublished study conducted by Monsante Company	45545701	Monsanto Company	OWN	
	Plant-Incorporated Projectant, Regulus thurness or Sty200 Inseco Control Powen, as Produced in Control (Gassiforum Trsuttum L)	Not yet assimed	Monsanto Company	OWN	Submitted 11-Dec-01
	Registration of the Plans Incorporated Protectant Sacillus	45086300	Monsanto Company	OWN	
Signature	Com (Zea mays L.) and Cotten (Gossypum Austrum L.)		Name and Title Regulatory Arrairs Mgr.	Date August 16, 2002	
EPA Form 8570-35 (\$) 87	7) Electionic and Raper versions available Submit only	Paper version.		Agency Int	ernal Use Copy
Ionsanto Company	99	9-CT-858E		I	Page 12 of 62



\$EPA

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.

Washington, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 25 hours per response for registration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to Director, OPPE Information Management Ovision (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

		DATA MATRIX	Q ^V		, \$
Date August 16, 2002		O.J.	© EPA Reg	No File Symbol: 524-522	Page 2 of 7
Applicant's/Registrant's Name & Monsanto Company, 600 13	th Street NW, Suite 660, Washington, DC. 200	005	EPA Reg	Bollgard® II Otton	
Ingredient A Bacillus thuri	ngiensis Cry2Ab2 protein and the genetic mater	al necessary for its t	production of Bollgard II cott	# Nevent 1269/85	
Guideline Reference Number	Guideline Study Name	MRND Number	Submitter O	Status	Note
	The Purification of D-Glucuronidase (GUS) from Recombinant E coli for Use in Equivalence Studies MSC 12235, an unpublished study conducted by Monsanto Company	449394-01	Submitter Monsanta Company Monsanto Company Monsanto Company Monsanto Company	OF WOOD OWN .	
	Acute Oral Toxicity Study (Colucuronicase (GUS) Presein in Albino Mice MSL 19485, an unpublished study conducted by Monsanto Company	249888-03.	Monsanto Company	own	
	Preparation, Characterization, and Confarmation of Doses for an Acute Mouse Feeding Study on D-Gluckmonidase MSC 2979, an unpublished study conduced by Monsanto Company			OWN	
	Assessment of the Invitro Digestive Fate of Citicuron days MSL-14607 and inpublished study conducted by Monsanto Company		Monsanto Company	OWN	
Z*	survive conducted by sponsarito company	449993901	Monsanto Company	OWN	
	Field Report Production of Tissue Camples from Insect Protected Cotton (Synts Grown in 1998 U.S. Field Truste MSL-16019, a Campublished Study conflicted by Manisanto Company	450863-01	Monsanto Company	OWN	
Signature	MSL-16019, admipublished study conducted by Man sinto Company		Name and Title Regulatory Affairs Mgr.	Date August 16, 2002	

EPA Form 85/70-35 (9-90) Electronic and Paper versions available Submit only Paper version.

Agency Internal Use Copy

Form Approved OMB No. 2070-0060

Monsanto Company

99-CT-858E

Page 13 of 62

\$EPA

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W.

Washington, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE information Management Evision (2137), U.S. Enformmental Protection Agency, 401 M Street, S.W., Washington, DC 20460 Do not send the form to this address

	DAT	A MATRIX	-0 ³ /-		ð
ate August 16, 2002			EPA Reg	7File Synnbol. 524-622	Page 3 of 7
pplicant's/Registrant's Name 8	k Address		Product: B		
Monsanto Company, 600 13	8th Street N.W., Suite 660, Washington, D.C. 20005		Product: B	oligard® In Cotton & O	
ngredient A Bacillus thur	inguensis Cry2Ab2 protein and the genetic mater of he	CEC@9TW/TOT ITC DYOTHICHODS	#/Rollmard ♥II cotton da	vent 15985	
iuideline Reference Number		MRHD Numbel	Submitter @	vent 15985	Note
	is of do	449394-03 OM	Submitter Submitter Onsante Company Spanto Company Spanto Company		
	Bioinformatics Analysis of fasect Protection Protein 2 (2PP2) Sequence Utilizing an Allergen Database MSL 16094, an unpublished study conducted by Monsanto Company	449666-64*	insante Company	OWN	
	GUS Protein Levels in Insect Protected Cotton Samples Profile ed in the US Field Trials MSL-16097, an unpublished study conducted by Monsanto Company	394-02 M	onsanto Company	OWN	
	Insect Protect of Protein 2 A Dietary Toxicity Study with Green Lacewing Larvale (Chrysopola camea) VSL-16171 an infinitelished study conducted by Monsanto Company	4508@3-09	onsanto Company	OWN	
	the Latitude Profession of the Charles of the Control of the Contr	Q-00c2 11	onsanto Company	OWN	
ignature	an unpublished study conducted by Monsanto Company 37 Electronia and Paper Versions available. Submit only Pan	Name and Regulator	Title y Affairs Mgr.	Date August 16, 2002	

PA Form 8870-35 (997) Electron and Paper Versions available. Submit only Paper version

Agency Internal Use Copy

Form Approved OMB No 2070-0060

Monsanto Company

99-CT-858E

Page 14 of 62

⊕EPA

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W.

Washington, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 2.25 hours per response for registration activities and 0,25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Sand comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to Director, OPPE Information Management (Information, including suggestions for reducing the burden to Director, OPPE Information Management (Information, including suggestions for reducing the burden to Director, OPPE Information, including suggestions for reducing the burden to Director, OPPE Information, including suggestions for reducing the burden to Director, OPPE Information, including suggestions for reducing the burden to Director, OPPE Information, including suggestions for reducing the burden to Director, OPPE Information, including suggestions for reducing the burden to Director, OPPE Information, including suggestions for reducing the burden to Director, OPPE Information, including suggestions for reducing the burden to Director, OPPE Information, including suggestions for reducing the burden to Director, OPPE Information, including suggestions for reducing the burden to Director, OPPE Information, including suggestions for reducing the burden to Director, OPPE Information, including suggestions for reducing the burden to Director, OPPE Information, including suggestions for reducing the burden to Director, OPPE Information, including suggestions for reducing the burden to Director, OPPE Information, including suggestions for reducing the burden to Director, OPPE Information the suggestion of the suggesti 401 M Street, S W, Washington, DC 20460 Do not send the form to this address

	DATA	A MATRIX			, S
Date August 16, 2002			FPA Regul	No File Symbol 524-522	Page 4 of 7
Applicant's/Registrant's Name & Monsanto Company, 600 13	th Street N.W., Suite 660, Washington, D.C. 20005		Product:	Bellgard® Il-Otton & C	S.
Ingredient A Bacillus thuri	ngiensis Cry2Ab2 protein and the genetic material nec	cessary for its n	oduction #OBolloard® II cott@		
Guideline Reference Number		PND Number	Submitter Submitter	State	Note
	by Monsanto Company	450863-10 X	Monsanto Company	OF TOO OWN.	
	Assessment of Chronic Toxicity of Cotton Pissue Containing Insect Protection Protection For Collembora (Folsome) candida) MSL-1619 an unpublished study conducted by Monsanto Company	450863-10		OWN	
	Evaluation of the Dietary Effect(s) of Insect Protection Protein 2 on Honey Bee Laryae MSL 16175, an unpublished study conducted by Mensanto Company	\$90863-07 \$\sqrt{2}\$	Monsainto Company	OWN	
	Evaluation of the Dietary Effect(s) of Insect Protection Protein 3 on Adult Hodey Bees (And melifera I) MSL- 161% an unpublished study conducted by Monsanto Company	450863-08	Monsanto Company	OWN	
	Insect Protection Protein 2 An Acute Toxicity Study with	00062 12	Monsanto Company	OWN	
Signature	an unpublished study conducted by Monsanto Company		Name and Title Regulatory Affairs Mgr.	Date August 16, 2002	

EPA Form 8570-35 (987) Electron and Paper Versions available. Submit only Paper version

Agency Internal Use Copy

Form Approved OMB No. 2070-0060

Monsanto Company

99-CT-858E

Page 15 of 62

⊕EPA

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W.

Washington, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 2.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Sand comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to Director, OPPE Information Management (20137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460 Do not send the form to this address.

	D	ATA MATRIX	2		
Date. August 16, 2002			© EPA Reg	File Symbol: 524-522	Page 5 of 7
Applicant's/Registrant's Name of Monsanto Company, 600 1	3th Street N W, Suite 660, Washington, D.C. 2000		EPA Reg to	llgord® II Cotton)\$\\\
Ingredient A Bacillus thur	ringiensis Cry2Ab2 protein and the genetic materia	u necessar v tol teach	TIME THE COLUMN THE DOLLAR MANAGEMENT OF THE COLUMN TO THE COLUMN		
Guideline Reference Number	Guideline Study Name	MRIO Numbe	Submitter O	Stating	Note
	Insect Protection Protein 2 in Cottonseed Mean & Dietary Toxicity Study with the Northern Bobwhite MSL-1618, ar unpublished study conducted by Montanto Company	450863-16 X	Submitter Oth Oth Oth Oth Oth Oth Oth Oth Oth Ot	CONTROL OWNER	
	Evaluation of Cottonseed Mail Derived From Insect Protected Cotton Lines 1813 and 15985 as a Feed Ingredient for Cathon ORIGINAL MSL-1009, an unpublished stack conducted by Monsairo Company.	450863-18	Mensanto Company	OWN	
	Evaluation of Cottonseed Meal Derived From Insect Protected Cotton Lines 15813 and 15985 as a Feed Ingredient for Catfish - AMENDED, NSL-16179, and	1 3 3 1 - 03 C	Monsanto Company	OWN	
	Acrobic Soil Degradation of the Bandus thurmments Insect Protest of Protein on Cotton Learning Tissue Mol-16185, and unpublished state conducted Monsanto Company	453370-01	Monsanto Company	OWN	
\$*\	Brownformatros Grahusa of XIII Protein Comanos HO	I	Monsanto Company	OWN	
ignature	an Allergen Database MSL-16263 at unpublished study conducted by Monsanto Company		Name and Title Regulatory Affairs Mgr.	Date August 16, 2002	
EPA Form \$570-35 (9-	Electronic and Paper Versions available. Submit only	Paper version.		Agency Inte	rnal Use Copy
onsanto Company	<i>A</i> 100	9-CT-858E]	Page 16 of 62

Form Approved OMB No. 2070-0060

Monsanto Company

⊕EPA

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W.

Washington, D.C. 20460 Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Sand comments regarding the burden of any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Internation Management & Vision (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460 Do not send the form to this address

401 M Street, S W., Washington	n, DC 20460 Do not send the form to this address		N OF		À
	DA	ATA MATRIX			9
Date August 16, 2002			EPA Reg N	File Symbol: 524-522	Page 6 of 7
Applicant's/Registrant's Name &	Address	11 40	Product I		(C
Monsanto Company, 600 13	8th Street N.W., Suite 660, Washington, D.C. 20005		Product I	Bollgard® Ib Cotton & O	
Ingredient A Bacillus thur	ingiensis Cry2Ab2 protein and the genetic material	necessary for its p	roduction Bollgard II cotten	event 15985 ~ ©	
Guideline Reference Number	Guideline Study Name	MAND Number	Supmitter O	Status	Note
		449394-06	OF O	do own .	
	Protein Levels in Insect Refected Cotton Samples Produced in the 1998 U.S. Field Wrials MSL-16612, an impublished study conducted by Monsanto Ompany	449666-0P	Measanto Company	OWN	
	Anaconsed Report for Molecular Characterization of Coffon Event 15985 MSL-16620; an unpublished study conducted by Monsanto Company	450863-03 C	Monsairs Company	OWN	
	Assessment of the in vitro Digestibility of Insect Protection Protein (IPP2) Utilizing Mammalan Digestive Pate Model MSL-1600, an unprotested study conducted by Monsanto Company	O'TE OWE	200	OWN	
	Acute Oral Toxogty Study of Onsect Protection Protein (IPP2) in Maco MSL-1669, an unpublished study	49666-02	Monsanto Company	OWN	
Signature	conducted by Monsanto Company		Regulatory Affairs Mgr.	Date August 16, 2002	
EDV Earm 08.30 3E (0)	DW Electronia And Danck wroughs are Wahle Cubmit only E	anor vorcion		Agonov Intor	nal Hee Conv

EPA Form 83.70-35 (9-97) Electrons and Paper versions available Submit only Paper version.

Monsanto Company

99-CT-858E

Agency Internal Use Copy

Form Approved OMB No 2070-0060

Page 17 of 62

Form Approved OMB No. 2070-0060

\$EPA

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W.

Washington, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration and special review activities, including time for reading the instructions and completing the response forms. Send comments regarding the estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Projection Agency, 401 M Street, S W, Washington, DC 20460 Do not send the form to this address

40 FM Street, S W , Washington		DATA MATRIX			
Date August 16, 2002			EPA Reg No	/File Symbol: 524-522	Page 7 of 7
Applicant's/Registrant's Name 8 Monsanto Company, 600 13	Address. 6th Street N W , Suite 660, Washington, D C. 200	05 4 0	Product E	Sollgar B II Conton	~ ©
ngredient A Bacillus thur	ingiensis Cry2Ab2 protein and the genetic materi	al necessary foots pr	od@tion in Poligard®AL cotton	∞ nt 15985 €	Oy
Guideline Reference Number	Guideline Study Name	MBID Number	Submeter	Status &	Note
	Bioinformatics Analysis of Insect Protection Protein (IPP2) Sequence Utilizing Toxin and Public Domain Genetic Databases MSL-16710, an unpublished study conducted by Monsanto Company	3 449666.45°	Notice Company	S Jown	
	Molecular Analysis of the Stability of Cotton E Ont 15985. MSL-16749, an unpublished study conducted by Monsand Company	Not yet assigned	Submetten Megisanto Compais Monsanto Company Monsanto Company	ONOWN	Submitted 21-Feb-01
	Effect of Heat Toument on the immunodiscent on of Cry2Ab2, GUS, Cry1Ac on NPTII Projects Produced in Cotton E ant 15985 W81-16810 an unpublished study constant by Monsanto Company	Not yet assigned	Monopolo Company	OWN	Submitted 13-Apr-01
	Evaluation of the Diego Effects of Insect Protection Protein 2 on Honey Bee Larvac MSL-16900 an unpublished sunly conducted by Monsanto Company. Endangered species impact assessment for the CrylAc, and	453371-02	A Company	OWN	
1/ Br	Endangered species impact assessment for the Cry1Ac and Gry2Ab2 proteins in Bolleand II cotton. MSL-17673, an unpublished study conflicted by Monsanto Company	\$ \$6089-01\\ \$\frac{1}{2}\tag{5}	Monsanto Company	OWN	
5	Administrative Waterials for Applications Amend the Registration of the Planch Corporated Protectant Bacillus thuring easis Cry2 162 Insect Control Protein, from Seed Increase/Plant Propagation to Bull Commencial Use for Cotton, EPA Reg. No. 524-522	art.	Monsanto Company	OWN	Submitted August 16, 200
Signature	A . The Brothing		Name and Title Regulatory Affairs Mgr.	Date August 16, 2002	
EPA Food 8570-35 (9-	97) Electronic and Paper versions available Submit onl	y Paper version.		Agency In	ernal Use Copy