

List of products that have undergone safety assessment  
and been announced in the Official Gazette

Food Safety Standards and Evaluation Division, MHL  
As of 3 October 2018

1. Foods (319Crops)

Crop	Event	Trait	Applicant	Developer	DateCompleted (mm/dd/yyyy)
Potato (9)	New Leaf Potato BT-6	Insect resistant	Monsanto Japan Ltd.	Monsanto Company (USA)	3/30/2001
	New Leaf Potato SPBT02-05	Insect resistant	Monsanto Japan Ltd.	Monsanto Company (USA)	3/30/2001
	New Leaf Plus Potato RBMT21-129	Insect resistant Virus resistant	Monsanto Japan Ltd.	Monsanto Company (USA)	9/14/2001
	New Leaf Plus Potato RBMT21-350	Insect resistant Virus resistant	Monsanto Japan Ltd.	Monsanto Company (USA)	9/14/2001
	New Leaf Plus Potato RBMT22-82	Insect resistant Virus resistant	Monsanto Japan Ltd.	Monsanto Company (USA)	9/14/2001
	New Leaf Y Potato RBMT15-101	Insect resistant Virus resistant	Monsanto Japan Ltd.	Monsanto Company (USA)	5/6/2003
	New Leaf Y Potato SEMT15-15	Insect resistant Virus resistant	Monsanto Japan Ltd.	Monsanto Company (USA)	5/6/2003
	New Leaf Y Potato SEMT15-02	Insect resistant Virus resistant	Monsanto Japan Ltd.	Monsanto Company (USA)	6/30/2003
	Low Acrylamide Potential and Reduced Black Spot Potato (SPS-00E12-8)	Low Acrylamide Reduced Black Spot	J.R. Simplot Company	J.R. Simplot Company (USA)	7/20/2017
Soybean (28)	Roundup Ready Soybean 40-3-2	Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	3/30/2001
	260-05	High Oleic Acid	DuPont K.K.	Optimum Quality Grains LLC (USA)	3/30/2001
	A2704-12	Herbicide tolerant	Bayer CropScience Ltd.	Bayer CropScience (Germany)	7/8/2002
	A5547-127	Herbicide tolerant	Bayer CropScience Ltd.	Bayer CropScience (Germany)	7/8/2002
	MON89788	Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	11/12/2007
	DP-356043-5	Herbicide tolerant	DuPont K.K.	Pioneer Hi-Bred International, Inc. (USA)	7/19/2012
	DP-305423-1	High Oleic Acid	DuPont K.K.	Optimum Quality Grains LLC (USA)	6/30/2010
	MON87701	Insect resistant	Monsanto Japan Ltd.	Monsanto Company (USA)	3/18/2011
	MON87701×MON89788	Insect resistant Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	6/13/2011
	DP-305423-1×MON-04032-6	High Oleic Acid Herbicide tolerant	DuPont K.K.	Pioneer Hi-Bred International, Inc. (USA)	2/15/2012
MON87705	Low saturated fatty acid High oleic acid Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company / ForageGenetics Inc. (USA)	9/25/2012	

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Soybean (28)	BPS-CV127-9	Herbicide tolerant	BASF Japan K.K.	BASF Plant Science, Empresa Brasileira dePesquisa Agropecuaria (Germany)	12/4/2012
	MON87708	Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	10/03/2013
	MON87705×MON89788	Low saturated fatty acid High oleic acid Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company / ForageGenetics Inc. (USA)	10/03/2013
	MON87708×MON89788	Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	2/12/2014
	MON87769	Stearidonic acid Producing	Monsanto Japan Ltd.	Monsanto Company / ForageGenetics Inc. (USA)	7/24/2014
	68416	Herbicide tolerant	Dow Chemical Japan Ltd.	Dow AgroSciences LLC (USA)	10/21/2014
	44406	Herbicide tolerant	Dow Chemical Japan Ltd.	Dow AgroSciences LLC / M.S.Technologies (USA)	12/15/2014
	81419	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd.	Dow AgroSciences LLC (USA)	12/26/2014
	MON87769×MON89788	Stearidonic acid production Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	3/26/2015
	FG72	Herbicide tolerant	Bayer CropScience Ltd.	Bayer CropScience (Germany)	3/16/2016
	SYHT0H2	Herbicide tolerant	Syngenta Japan KK Bayer CropScience Ltd.	Syngenta Seeds, Inc. on behalf of SyngentaCrop Protection AGand its affiliates (Switzerland) Bayer CropScience (Germany)	4/25/2016
	MON87751	Insect resistant	Monsanto Japan Ltd.	Monsanto Company (USA)	12/10/2016
	MON87705×MON87708× MON89788	Low saturated fatty acid High oleic acid Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	12/10/2016
	MON87705×MON87708	Low saturated fatty acid High oleic acid Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	12/10/2016
	DP-305423-1×MON89788	High Oleic Acid Herbicide tolerant	DuPont Production Agriscience K.K.	Pioneer Hi-Bred International, Inc. (USA)	2/23/2018
	DP-305423-1×MON87708	High Oleic Acid Herbicide tolerant	DuPont Production Agriscience K.K.	Pioneer Hi-Bred International, Inc. (USA)	2/23/2018
DP-305423-1×MON89788× MON87708	High Oleic Acid Herbicide tolerant	DuPont Production Agriscience K.K.	Pioneer Hi-Bred International, Inc. (USA)	2/23/2018	
Sugar Beet (3)	T120-7	Herbicide tolerant	Bayer CropScience Ltd.	Bayer CropScience (Germany)	3/30/2001
	Roundup Ready Sugar Beet H7-1	Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA) KWS Saat AG (Germany)	6/30/2003
	Roundup Ready Sugar Beet 77	Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA) Syngenta seeds AG (Switzerland)	5/6/2003
Corn (206)	Bt11	Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta Seeds AG (Switzerland)	3/30/2001
	Event 176	Insect resistant	Syngenta Seed K.K.	Syngenta Seeds AG (Switzerland)	3/30/2001
	MON810	Insect resistant	Monsanto Japan Ltd.	Monsanto Company (USA)	3/30/2001

Crop	Event	Trait	Applicant	Developer	DateCompleted (mm/dd/yyyy)
Corn (206)	T25	Herbicide tolerant	Bayer CropScience Ltd.	Bayer CropScience (Germany)	3/30/2001
	DLL25	Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	3/30/2001
	DBT418	Insect resistant Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	3/30/2001
	Roundup Ready Corn GA21	Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	3/30/2001
	Roundup Ready Corn NK603	Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	3/30/2001
	T14	Herbicide tolerant	Bayer CropScience Ltd.	Bayer CropScience (Germany)	3/30/2001
	Bt11 Sweet Corn	Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta Seeds AG (Switzerland)	3/30/2001
	MON863	Insect resistant	Monsanto Japan Ltd.	Monsanto Company (USA)	2/21/2002
	Maize Line1507	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd.	Pioneer Hi-Bred International, Inc., Mycogen Seeds / Dow AgroSciences LLC (USA)	7/8/2002
	MON863×Roundup Ready Corn NK603	Insect resistant Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	6/30/2003
	Roundup Ready Corn GA21×MON810	Insect resistant Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	6/30/2003
	Roundup Ready Corn NK603×MON810	Insect resistant Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	6/30/2003
	T25×MON810	Insect resistant Herbicide tolerant	DuPont K.K.	Optimum Quality Grains LLC (USA)	6/30/2003
	1507×Roundup Ready Corn NK603	Insect resistant Herbicide tolerant	DuPont K.K.	Dow AgroSciences LLC / Pioneer Hi-Bred International, Inc. (USA)	3/3/2004
	MON810×MON863	Insect resistant	Monsanto Japan Ltd.	Monsanto Company (USA)	3/3/2004
	MON863×MON810× Roundup Ready Corn NK603	Insect resistant Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	10/5/2004
	<i>B.t.</i> Cry34/35Ab1 Event DAS-59122-7	Insect resistant Herbicide tolerant	DuPont K.K.	Dow AgroSciences LLC / Hi-Bred International, Inc. (USA)	10/25/2005
	MON88017	Insect resistant Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	10/25/2005
	MON88017×MON810	Insect resistant Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	11/10/2005
	1507× <i>B.t.</i> Cry34/35Ab1 Event DAS-59122-7	Insect resistant Herbicide tolerant	DuPont K.K.	Dow AgroSciences LLC / Pioneer Hi-Bred International, Inc. (USA)	12/15/2005
	<i>B.t.</i> Cry34/35Ab1 Event DAS-59122-7 ×Roundup Ready Corn NK603	Insect resistant Herbicide tolerant	DuPont K.K.	Dow AgroSciences LLC / Pioneer Hi-Bred International, Inc. (USA)	12/15/2005
	<i>B.t.</i> Cry34/35Ab1 Event DAS-59122-7 ×1507× Roundup Ready Corn NK603	Insect resistant Herbicide tolerant	DuPont K.K.	Dow AgroSciences LLC / Pioneer Hi-Bred International, Inc. (USA)	12/15/2005
	LY038	High lysine	Monsanto Japan Ltd.	Renessen LLC (USA)	4/12/2007
	6275	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd.	Dow AgroSciences LLC (USA)	8/17/2007
	MIR604	Insect resistant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	8/17/2007
	MON89034	Insect resistant	Monsanto Japan Ltd.	Monsanto Company (USA)	11/6/2007

Crop	Event	Trait	Applicant	Developer	DateCompleted (mm/dd/yyyy)
Corn (206)	Bt11×Roundup Ready Corn GA21	Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	11/6/2007
	Bt11×MIR604	Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	11/6/2007
	MIR604×RoundupReady Corn GA21	Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	11/6/2007
	Bt11×MIR604×Roundup Ready Corn GA21	Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	11/6/2007
	LY038×MON810	High lysine Insect resistant	Monsanto Japan Ltd.	Renessen LLC (USA)	11/12/2007
	MON89034×MON88017	Insect resistant Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	2/12/2008
	MON89034×Roundup Ready Corn NK603	Insect resistant Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	2/12/2008
	MON89034×1507	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd. Monsanto Japan Ltd.	Dow AgroSciences LLC / Monsanto Company (USA)	12/18/2008
	MON89034×B.t. Cry34/35Ab1 Event DAS- 59122-7	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd. Monsanto Japan Ltd.	Dow AgroSciences LLC / Monsanto Company (USA)	12/18/2008
	1507×MON88017	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd. Monsanto Japan Ltd.	Dow AgroSciences LLC / Monsanto Company (USA)	12/18/2008
	B.t. Cry34/35Ab1 Event DAS-59122-7×MON88017	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd. Monsanto Japan Ltd.	Dow AgroSciences LLC / Monsanto Company (USA)	12/18/2008
	MON89034×1507× MON88017	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd. Monsanto Japan Ltd.	Dow AgroSciences LLC / Monsanto Company (USA)	12/18/2008
	MON89034×1507×B.t. Cry34/35Ab1Event DAS- 59122-7	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd. Monsanto Japan Ltd.	Dow AgroSciences LLC / Monsanto Company (USA)	12/18/2008
	MON89034×B.t. Cry34/35Ab1 Event DAS- 59122-7×MON88017	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd. Monsanto Japan Ltd.	Dow AgroSciences LLC / Monsanto Company (USA)	12/18/2008
	1507×B.t. Cry34/35Ab1Event DAS- 59122-7×MON88017	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd. Monsanto Japan Ltd.	Dow AgroSciences LLC / Monsanto Company (USA)	12/18/2008
	MON89034×1507×B.t. Cry34/35Ab1Event DAS- 59122-7×MON88017	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd. Monsanto Japan Ltd.	Dow AgroSciences LLC / Monsanto Company (USA)	12/18/2008
	Roundup Ready Corn NK603×T25	Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	11/10/2009
	MIR162	Insect resistant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	1/21/2010

Crop	Event	Trait	Applicant	Developer	DateCompleted (mm/dd/yyyy)
Corn (206)	Bt11×MIR162	Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	3/8/2010
	MIR162×MIR604	Insect resistant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	3/8/2010
	MIR162×Roundup Ready Corn GA21	Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	3/8/2010
	Bt11×MIR162×MIR604	Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	3/8/2010
	Bt11×MIR162×Roundup Ready Corn GA21	Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	3/8/2010
	MIR162×MIR604× Roundup Ready Corn GA21	Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	3/8/2010
	Bt11×MIR162×MIR604× Roundup Ready Corn GA21	Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	3/8/2010
	Bt11×1507	Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	5/12/2010
	MIR162×1507	Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	5/12/2010
	1507×Roundup Ready Corn GA21	Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	5/12/2010
	Bt11×MIR162×1507	Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	5/12/2010
	Bt11×1507×Roundup Ready Corn GA21	Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	5/12/2010
	MIR162×1507×Roundup Ready Corn GA21	Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	5/12/2010
	Bt11×MIR162×1507× Roundup Ready Corn GA21	Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	5/12/2010
	3272	Thermostable α-amylase	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	6/30/2010
	MON89034×1507× Roundup Ready Corn NK603	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd. Monsanto Japan Ltd.	Dow AgroSciences LLC / Monsanto Company (USA)	6/30/2010
	3272×Bt11	Thermostable α-amylase Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	7/5/2010
	3272×MIR604	Thermostable α-amylase Insect resistant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	7/5/2010

Crop	Event	Trait	Applicant	Developer	Date Completed (mm/dd/yyyy)
Corn (206)	3272×Roundup Ready Corn GA21	Thermostable α-amylase Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	7/5/2010
	3272×Bt11×MIR604	Thermostable α-amylase Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	7/5/2010
	3272×Bt11×Roundup Ready Corn GA21	Thermostable α-amylase Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	7/5/2010
	3272×MIR604×Roundup Ready Corn GA21	Thermostable α-amylase Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	7/5/2010
	3272×Bt11×MIR604×Roundup Ready Corn GA21	Thermostable α-amylase Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	7/5/2010
	MIR604×1507	Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	2/2/2011
	B.t. Cry34/35Ab1 Event DAS-59122-7×GA21	Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	2/2/2011
	B.t. Cry34/35Ab1 Event DAS-59122-7×MIR604	Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	2/2/2011
	Bt11×B.t. Cry34/35Ab1 Event DAS-59122-7	Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	2/2/2011
	MIR604×1507×GA21	Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	2/2/2011
	B.t. Cry34/35Ab1 Event DAS-59122-7×1507×GA21	Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	2/2/2011
	B.t. Cry34/35Ab1 Event DAS-59122-7×MIR604×GA21	Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	2/2/2011
	B.t. Cry34/35Ab1 Event DAS-59122-7×MIR604×1507	Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	2/2/2011
	Bt11×MIR604×1507	Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	2/2/2011
	Bt11×B.t. Cry34/35Ab1 Event DAS-59122-7×GA21	Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	2/2/2011
	Bt11×B.t. Cry34/35Ab1 Event DAS-59122-7×1507	Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	2/2/2011
	Bt11×B.t. Cry34/35Ab1 Event DAS-59122-7×MIR604	Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	2/2/2011
	B.t. Cry34/35Ab1 Event DAS-59122-7×MIR604×1507×GA21	Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	2/2/2011

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Corn (206)	Bt11×MIR604×1507×GA21	Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	2/2/2011
	Bt11×B.t. Cry34/35Ab1 Event DAS-59122-7×1507×GA21	Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	2/2/2011
	Bt11×B.t. Cry34/35Ab1 Event DAS-59122-7×MIR604×GA21	Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	2/2/2011
	Bt11×B.t. Cry34/35Ab1 Event DAS-59122-7×MIR604×1507	Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	2/2/2011
	Bt11×B.t. Cry34/35Ab1 Event DAS-59122-7×MIR604×1507×GA21	Insect resistant Herbicide tolerant	Syngenta Seed K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	2/2/2011
	B.t. Cry34/35Ab1Event DAS-59122-7×MON810	Insect resistant Herbicide tolerant	DuPont K.K.	Pioneer Hi-Bred International, Inc. (USA)	3/2/2011
	1507×MON810	Insect resistant Herbicide tolerant	DuPont K.K.	Pioneer Hi-Bred International, Inc. (USA)	3/2/2011
	1507×B.t. Cry34/35Ab1 Event DAS-59122-7×MON810	Insect resistant Herbicide tolerant	DuPont K.K.	Pioneer Hi-Bred International, Inc. (USA)	3/2/2011
	1507×MON810×NK603	Insect resistant Herbicide tolerant	DuPont K.K.	Pioneer Hi-Bred International, Inc. (USA)	3/2/2011
	B.t. Cry34/35Ab1 Event DAS-59122-7×MON810×NK603	Insect resistant Herbicide tolerant	DuPont K.K.	Pioneer Hi-Bred International, Inc. (USA)	3/2/2011
	1507×B.t. Cry34/35Ab1 Event DAS-59122-7×MON810×NK603	Insect resistant Herbicide tolerant	DuPont K.K.	Pioneer Hi-Bred International, Inc. (USA)	3/2/2011
	MON87460	Drought tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	6/13/2011
	MON87460×MON89034	Drought tolerant Insect resistant	Monsanto Japan Ltd.	Monsanto Company (USA)	9/6/2011
	MON87460×MON88017	Drought tolerant Insect resistant Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	9/6/2011
	MON87460×MON89034×MON88017	Drought tolerant Insect resistant Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	9/6/2011
	MON87460×NK603	Drought tolerant Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	9/6/2011
	MON87460×MON89034×NK603	Drought tolerant Insect resistant Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	9/6/2011
	MIR604×NK603	Insect resistant Herbicide tolerant	DuPont K.K.	Pioneer Hi-Bred International, Inc. (USA)	9/6/2011
	1507×MIR604×NK603	Insect resistant Herbicide tolerant	DuPont K.K.	Pioneer Hi-Bred International, Inc. (USA)	9/6/2011
	1507×DAS-59122-7×MON810×NK603×MIR604	Insect resistant Herbicide tolerant	DuPont K.K.	Pioneer Hi-Bred International, Inc. (USA)	4/25/2012

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Corn (206)	1507×DAS-59122-7×MON810×MIR604	Insect resistant Herbicide tolerant	DuPont K.K.	Pioneer Hi-Bred International, Inc. (USA)	4/25/2012
	1507×DAS-59122-7×NK603×MIR604	Insect resistant Herbicide tolerant	DuPont K.K.	Pioneer Hi-Bred International, Inc. (USA)	4/25/2012
	1507×MON810×NK603×MIR604	Insect resistant Herbicide tolerant	DuPont K.K.	Pioneer Hi-Bred International, Inc. (USA)	4/25/2012
	DAS-59122-7×MON810×NK603×MIR604	Insect resistant Herbicide tolerant	DuPont K.K.	Pioneer Hi-Bred International, Inc. (USA)	4/25/2012
	1507×MON810×MIR604	Insect resistant Herbicide tolerant	DuPont K.K.	Pioneer Hi-Bred International, Inc. (USA)	4/25/2012
	DAS-59122-7×MON810×MIR604	Insect resistant Herbicide tolerant	DuPont K.K.	Pioneer Hi-Bred International, Inc. (USA)	4/25/2012
	DAS-59122-7×NK603×MIR604	Insect resistant Herbicide tolerant	DuPont K.K.	Pioneer Hi-Bred International, Inc. (USA)	4/25/2012
	MON810×NK603×MIR604	Insect resistant Herbicide tolerant	DuPont K.K.	Pioneer Hi-Bred International, Inc. (USA)	4/25/2012
	MON810×MIR604	Insect resistant Herbicide tolerant	DuPont K.K.	Pioneer Hi-Bred International, Inc. (USA)	4/25/2012
	Bt11×MIR162×GA21 (sweet)	Insect resistant Herbicide tolerant	Syngenta Japan K.K.	Syngenta Seeds, Inc. (USA)	5/7/2012
	Bt11×GA21 (sweet)	Insect resistant Herbicide tolerant	Syngenta Japan K.K.	Syngenta Seeds, Inc. (USA)	5/7/2012
	Bt11×MIR162 (sweet)	Insect resistant Herbicide tolerant	Syngenta Japan K.K.	Syngenta Seeds, Inc. (USA)	5/7/2012
	MIR162×GA21 (sweet)	Insect resistant Herbicide tolerant	Syngenta Japan K.K.	Syngenta Seeds, Inc. (USA)	5/7/2012
	MIR162 (sweet)	Insect resistant	Syngenta Japan K.K.	Syngenta Seeds, Inc. (USA)	5/7/2012
	GA21 (sweet)	Herbicide tolerant	Syngenta Japan K.K.	Syngenta Seeds, Inc. (USA)	5/7/2012
	40278	Herbicide tolerant	Dow Chemical Japan Ltd.	Dow AgroSciences LLC (USA)	5/30/2012
	1507×MON810×MIR162×NK603	Insect resistant Herbicide tolerant	DuPont K.K.	Pioneer Hi-Bred International, Inc. (USA)	1/28/2013
	1507×MIR162×NK603	Insect resistant Herbicide tolerant	DuPont K.K.	Pioneer Hi-Bred International, Inc. (USA)	1/28/2013
	1507×MON810×MIR162	Insect resistant Herbicide tolerant	DuPont K.K.	Pioneer Hi-Bred International, Inc. (USA)	1/28/2013
	MON810×MIR162×NK603	Insect resistant Herbicide tolerant	DuPont K.K.	Pioneer Hi-Bred International, Inc. (USA)	1/28/2013
	MON810×MIR162	Insect resistant Herbicide tolerant	DuPont K.K.	Pioneer Hi-Bred International, Inc. (USA)	1/28/2013
	MIR162×NK603	Insect resistant Herbicide tolerant	DuPont K.K.	Pioneer Hi-Bred International, Inc. (USA)	1/28/2013
	MON89034×1507×MON88017×DAS-59122-7×40278	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd.	Dow AgroSciences LLC (USA)	1/31/2013
	MON89034×1507×MON88017×40278	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd.	Dow AgroSciences LLC (USA)	1/31/2013
	MON89034×1507×DAS-59122-7×40278	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd.	Dow AgroSciences LLC (USA)	1/31/2013



Crop	Event	Trait	Applicant	Developer	DateCompleted (mm/dd/yyyy)
Corn (206)	MON89034×MON88017× DAS-59122-7×40278	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd.	Dow AgroSciences LLC (USA)	1/31/2013
	1507×MON88017×DAS- 59122-7×40278	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd.	Dow AgroSciences LLC (USA)	1/31/2013
	MON89034×1507×40278	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd.	Dow AgroSciences LLC (USA)	1/31/2013
	MON89034×MON88017× 40278	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd.	Dow AgroSciences LLC (USA)	1/31/2013
	MON89034×DAS-59122-7 ×40278	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd.	Dow AgroSciences LLC (USA)	1/31/2013
	1507×MON88017×40278	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd.	Dow AgroSciences LLC (USA)	1/31/2013
	1507×DAS-59122-7× 40278	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd.	Dow AgroSciences LLC (USA)	1/31/2013
	MON88017×DAS-59122-7 ×40278	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd.	Dow AgroSciences LLC (USA)	1/31/2013
	MON89034×40278	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd.	Dow AgroSciences LLC (USA)	1/31/2013
	1507×40278	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd.	Dow AgroSciences LLC (USA)	1/31/2013
	MON88017×40278	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd.	Dow AgroSciences LLC (USA)	1/31/2013
	DAS-59122-7×40278	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd.	Dow AgroSciences LLC (USA)	1/31/2013
	Event5307	Insect resistant	Syngenta Japan K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	2/26/2013
	MON89034×1507× NK603×40278	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd.	Dow AgroSciences LLC (USA)	2/26/2013
	MON89034×NK603× 40278	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd.	Dow AgroSciences LLC (USA)	2/26/2013
	1507×NK603×40278	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd.	Dow AgroSciences LLC (USA)	2/26/2013
	NK603×40278	Herbicide tolerant	Dow Chemical Japan Ltd.	Dow AgroSciences LLC (USA)	2/26/2013
	Bt11×MIR162×MIR604× 1507×Event5307×GA21	Insect resistant Herbicide tolerant	Syngenta Japan K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	4/24/2013
	Bt11×MIR162×MIR604× 1507×Event5307	Insect resistant Herbicide tolerant	Syngenta Japan K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	4/24/2013
	Bt11×MIR162×MIR604× 1507×GA21	Insect resistant Herbicide tolerant	Syngenta Japan K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	4/24/2013
Bt11×MIR162×MIR604× Event5307×GA21	Insect resistant Herbicide tolerant	Syngenta Japan K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	4/24/2013	
Bt11×MIR162×1507× Event5307×GA21	Insect resistant Herbicide tolerant	Syngenta Japan K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	4/24/2013	
Bt11×MIR604×1507× Event5307×GA21	Insect resistant Herbicide tolerant	Syngenta Japan K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	4/24/2013	

Crop	Event	Trait	Applicant	Developer	DateCompleted (mm/dd/yyyy)
Corn (206)	MIR162×MIR604×1507× Event5307×GA21	Insect resistant Herbicide tolerant	Syngenta Japan K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	4/24/2013
	Bt11×MIR162×MIR604× 1507	Insect resistant Herbicide tolerant	Syngenta Japan K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	4/24/2013
	Bt11×MIR162×MIR604× Event5307	Insect resistant Herbicide tolerant	Syngenta Japan K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	4/24/2013
	Bt11×MIR162×1507× Event5307	Insect resistant Herbicide tolerant	Syngenta Japan K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	4/24/2013
	Bt11×MIR162× Event5307×GA21	Insect resistant Herbicide tolerant	Syngenta Japan K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	4/24/2013
	Bt11×MIR604×1507× Event5307	Insect resistant Herbicide tolerant	Syngenta Japan K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	4/24/2013
	Bt11×MIR604× Event5307×GA21	Insect resistant Herbicide tolerant	Syngenta Japan K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	4/24/2013
	Bt11×1507×Event5307× GA21	Insect resistant Herbicide tolerant	Syngenta Japan K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	4/24/2013
	MIR162×MIR604×1507× Event5307	Insect resistant Herbicide tolerant	Syngenta Japan K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	4/24/2013
	MIR162×MIR604×1507× GA21	Insect resistant Herbicide tolerant	Syngenta Japan K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	4/24/2013
	MIR162×MIR604× Event5307×GA21	Insect resistant Herbicide tolerant	Syngenta Japan K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	4/24/2013
	MIR162×1507× Event5307×GA21	Insect resistant Herbicide tolerant	Syngenta Japan K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	4/24/2013
	MIR604×1507× Event5307×GA21	Insect resistant Herbicide tolerant	Syngenta Japan K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	4/24/2013
	Bt11×MIR162× Event5307	Insect resistant Herbicide tolerant	Syngenta Japan K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	4/24/2013
	Bt11×MIR604× Event5307	Insect resistant Herbicide tolerant	Syngenta Japan K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	4/24/2013
	Bt11×1507×Event5307	Insect resistant Herbicide tolerant	Syngenta Japan K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	4/24/2013
	Bt11×Event5307×GA21	Insect resistant Herbicide tolerant	Syngenta Japan K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	4/24/2013
	MIR162×MIR604×1507	Insect resistant Herbicide tolerant	Syngenta Japan K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	4/24/2013

Crop	Event	Trait	Applicant	Developer	DateCompleted (mm/dd/yyyy)
Corn (206)	MIR162×MIR604× Event5307	Insect resistant	Syngenta Japan K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	4/24/2013
	MIR162×1507× Event5307	Insect resistant Herbicide tolerant	Syngenta Japan K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	4/24/2013
	MIR162×Event5307× GA21	Insect resistant Herbicide tolerant	Syngenta Japan K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	4/24/2013
	MIR604×1507× Event5307	Insect resistant Herbicide tolerant	Syngenta Japan K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	4/24/2013
	MIR604×Event5307× GA21	Insect resistant Herbicide tolerant	Syngenta Japan K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	4/24/2013
	1507×Event5307×GA21	Insect resistant Herbicide tolerant	Syngenta Japan K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	4/24/2013
	Bt11×Event5307	Insect resistant Herbicide tolerant	Syngenta Japan K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	4/24/2013
	MIR162×Event5307	Insect resistant	Syngenta Japan K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	4/24/2013
	MIR604×Event5307	Insect resistant	Syngenta Japan K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	4/24/2013
	1507×Event5307	Insect resistant Herbicide tolerant	Syngenta Japan K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	4/24/2013
	Event5307×GA21	Insect resistant Herbicide tolerant	Syngenta Japan K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	4/24/2013
	MON87427	Tissue selective herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	5/2/2013
	MON87427×MON89034× 1507×MON88017×DAS- 59122-7	Insect resistant Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	9/5/2013
	MON87427×MON89034× 1507×MON88017	Insect resistant Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	9/5/2013
	MON87427×MON89034× 1507×DAS-59122-7	Insect resistant Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	9/5/2013
	MON87427×MON89034× MON88017×DAS-59122-7	Insect resistant Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	9/5/2013
	MON87427×1507× MON88017×DAS-59122-7	Insect resistant Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	9/5/2013
	MON87427×MON89034× 1507	Insect resistant Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	9/5/2013
	MON87427×MON89034× MON88017	Insect resistant Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	9/5/2013

Crop	Event	Trait	Applicant	Developer	DateCompleted (mm/dd/yyyy)
Corn (206)	MON87427×MON89034× DAS-59122-7	Insect resistant Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	9/5/2013
	MON87427×1507× MON88017	Insect resistant Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	9/5/2013
	MON87427×1507×DAS- 59122-7	Insect resistant Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	9/5/2013
	MON87427×MON88017× DAS-59122-7	Insect resistant Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	9/5/2013
	MON87427×MON89034	Tissue selectiveherbicide tolerant Insect resistant	Monsanto Japan Ltd.	Monsanto Company (USA)	9/5/2013
	MON87427×1507	Insect resistant Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	9/5/2013
	MON87427×MON88017	Insect resistant Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	9/5/2013
	MON87427×DAS-59122-7	Insect resistant Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	9/5/2013
	MON87427×MON89034× NK603	Insect resistant Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	9/5/2013
	MON87427×NK603	Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	9/5/2013
	MON88017 (sweet)	Insect resistant Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	11/12/2014
	MON89034 (sweet)	Insect resistant	Monsanto Japan Ltd.	Monsanto Company (USA)	11/12/2014
	DP-004114-3	Insect resistant Herbicide tolerant	DuPont K.K.	Pioneer Hi-Bred International, Inc. (USA)	1/15/2015
	MON87411	Insect resistant Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	7/11/2016
	MON87419	Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	2/16/2017
	MZHG0JG	Herbicide tolerant	Syngenta Japan K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	8/21/2017
MON87403	Increased yield opportunity	Monsanto Japan Ltd.	Monsanto Company (USA)	11/1/2017	
MZIR098	Insect resistant Herbicide tolerant	Syngenta Japan K.K.	Syngenta seeds Inc.on behalf of SyngentaCrop Protection AG and its affiliates. (Switzerland)	12/22/2017	
Rapeseed (Canola) (21)	Roundup Ready Canola RT73	Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	3/30/2001
	HCN92	Herbicide tolerant	Bayer CropScience Ltd.	Bayer CropScience (Germany)	3/30/2001
	PGS1	Herbicide tolerant	Bayer CropScience Ltd.	Bayer CropScience (Germany)	3/30/2001
	PHY14	Herbicide tolerant	Bayer CropScience Ltd.	Bayer CropScience (Germany)	3/30/2001
	PHY35	Herbicide tolerant	Bayer CropScience Ltd.	Bayer CropScience (Germany)	3/30/2001
	PGS2	Herbicide tolerant	Bayer CropScience Ltd.	Bayer CropScience (Germany)	3/30/2001

Crop	Event	Trait	Applicant	Developer	DateCompleted (mm/dd/yyyy)
Rapeseed (Canola)  (21)	PHY36	Herbicide tolerant	Bayer CropScience Ltd.	Bayer CropScience (Germany)	3/30/2001
	T45	Herbicide tolerant	Bayer CropScience Ltd.	Bayer CropScience (Germany)	3/30/2001
	MS8RF3	Herbicide tolerant	Bayer CropScience Ltd.	Bayer CropScience (Germany)	3/30/2001
	HCN10	Herbicide tolerant	Bayer CropScience Ltd.	Bayer CropScience (Germany)	3/30/2001
	MS8	Herbicide tolerant Male sterility	Bayer CropScience Ltd.	Bayer CropScience (Germany)	3/30/2001
	RF3	Herbicide tolerant Recovering male sterility	Bayer CropScience Ltd.	Bayer CropScience (Germany)	3/30/2001
	WESTAR-Oxy-235	Herbicide tolerant	Bayer CropScience Ltd.	Bayer CropScience (Germany)	3/30/2001
	PHY23	Herbicide tolerant	Bayer CropScience Ltd.	Bayer CropScience (Germany)	3/30/2001
	Roundup Ready Canola RT200	Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	9/14/2001
	MS8×RT73	Herbicide tolerant Male sterility	Bayer CropScience Ltd.	Bayer CropScience (Germany)	3/2/2011
	RF3×RT73	Herbicide tolerant Recovering male sterility	Bayer CropScience Ltd.	Bayer CropScience (Germany)	3/2/2011
	MS8×RF3×RT73	Herbicide tolerant	Bayer CropScience Ltd.	Bayer CropScience (Germany)	3/2/2011
	MON88302	Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	10/17/2013
	DP-073496-4	Herbicide tolerant	DuPont K.K.	Pioneer Hi-Bred International, Inc. (USA)	12/15/2014
	DP-073496-4×RF3	Herbicide tolerant Recovering male sterility	DuPont Production Agriscience K.K.	Pioneer Hi-Bred International, Inc. (USA)	5/1/2017
Cotton  (46)	Roundup Ready Cotton 1445	Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	3/30/2001
	BXN cotton 10211	Herbicide tolerant	Stoneville Pedigreed Seed	Stoneville Pedigreed Seed (USA)	3/30/2001
	BXN cotton 10222	Herbicide tolerant	Stoneville Pedigreed Seed	Stoneville Pedigreed Seed (USA)	3/30/2001
	Ingard Cotton 531	Insect resistant	Monsanto Japan Ltd.	Monsanto Company (USA)	3/30/2001
	Ingard Cotton 757	Insect resistant	Monsanto Japan Ltd.	Monsanto Company (USA)	3/30/2001
	BXN cotton 10215	Herbicide tolerant	Stoneville Pedigreed Seed	Stoneville Pedigreed Seed (USA)	3/30/2001
	15985	Insect resistant	Monsanto Japan Ltd.	Monsanto Company (USA)	10/1/2002
	Roundup Ready Cotton1445×Ingard Cotton 531	Insect resistant Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	6/30/2003
	15985×Roundup Ready Cotton 1445	Insect resistant Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	6/30/2003
	LLCotton25	Herbicide tolerant	Bayer CropScience Ltd.	Bayer CropScience (Germany)	6/28/2004

Crop	Event	Trait	Applicant	Developer	DateCompleted (mm/dd/yyyy)
Cotton (46)	MON88913	Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	4/7/2005
	MON88913×15985	Insect resistant Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	4/7/2005
	281	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd.	Mycogen Seeds / Dow AgroSciences LLC (USA)	9/5/2005
	3006	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd.	Mycogen Seeds / Dow AgroSciences LLC (USA)	9/5/2005
	281×3006	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd.	Mycogen Seeds / Dow AgroSciences LLC (USA)	10/6/2005
	281×3006×1445	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd.	Mycogen Seeds / Dow AgroSciences LLC (USA)	1/11/2006
	281×3006×MON88913	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd.	Mycogen Seeds / Dow AgroSciences LLC (USA)	2/14/2006
	LLCotton25×15985	Insect resistant Herbicide tolerant	Bayer CropScience Ltd.	Bayer CropScience (Germany)	8/15/2006
	GHB614	Herbicide tolerant	Bayer CropScience Ltd.	Bayer CropScience (Germany)	1/21/2010
	GHB614×LLcotton25	Herbicide tolerant	Bayer CropScience Ltd.	Bayer CropScience (Germany)	4/15/2010
	MON88913( <i>G. barbadense</i> )	Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	10/8/2010
	15985( <i>G. barbadense</i> )	Insect resistant	Monsanto Japan Ltd.	Monsanto Company (USA)	10/8/2010
	GHB614×15985	Insect resistant Herbicide tolerant	Bayer CropScience Ltd.	Bayer CropScience (Germany)	10/8/2010
	GHB614×LLCotton25×15985	Insect resistant Herbicide tolerant	Bayer CropScience Ltd.	Bayer CropScience (Germany)	10/8/2010
	GHB119	Insect resistant Herbicide tolerant	Bayer CropScience Ltd.	Bayer CropScience (Germany)	7/10/2012
	COT67B	Insect resistant	Syngenta Seed K.K.	Syngenta Seeds, Inc. (USA)	7/19/2012
	COT102	Insect resistant	Syngenta Seed K.K.	Syngenta Seeds, Inc. (USA)	7/19/2012
	T304-40	Insect resistant Herbicide tolerant	Bayer CropScience Ltd.	Bayer CropScience (Germany)	7/19/2013
	281×3006×COT102×MON88913	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd.	Dow AgroSciences LLC (USA)	9/5/2013
	281×3006×COT102	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd.	Dow AgroSciences LLC (USA)	9/5/2013
	281×COT102×MON88913	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd.	Dow AgroSciences LLC (USA)	9/5/2013
	3006×COT102×MON88913	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd.	Dow AgroSciences LLC (USA)	9/5/2013
	281×COT102	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd.	Dow AgroSciences LLC (USA)	9/5/2013
281×MON88913	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd.	Dow AgroSciences LLC (USA)	9/5/2013	
3006×COT102	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd.	Dow AgroSciences LLC (USA)	9/5/2013	

Crop	Event	Trait	Applicant	Developer	DateCompleted (mm/dd/yyyy)
Cotton (46)	3006×MON88913	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd.	Dow AgroSciences LLC (USA)	9/5/2013
	COT102×MON88913	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd.	Dow AgroSciences LLC (USA)	9/5/2013
	GHB614×T304-40× GHB119	Insect resistant Herbicide tolerant	Bayer CropScience Ltd.	Bayer CropScience (Germany)	12/18/2013
	GHB614×T304-40	Insect resistant Herbicide tolerant	Bayer CropScience Ltd.	Bayer CropScience (Germany)	12/18/2013
	GHB614×GHB119	Insect resistant Herbicide tolerant	Bayer CropScience Ltd.	Bayer CropScience (Germany)	12/18/2013
	T304-40×GHB119	Insect resistant Herbicide tolerant	Bayer CropScience Ltd.	Bayer CropScience (Germany)	12/18/2013
	COT102×15985× MON88913	Insect resistant Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	4/10/2014
	COT102×15985	Insect resistant	Monsanto Japan Ltd.	Monsanto Company (USA)	4/10/2014
	MON88701	Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	12/15/2014
	1910	Herbicide tolerant	Dow Chemical Japan Ltd.	Dow AgroSciences LLC (USA)	6/1/2015
	GHB811	Herbicide tolerant	Bayer CropScience Ltd.	Bayer CropScience (Germany)	7/9/2018
Alfalfa (5)	J101	Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company / ForageGenetics Inc. (USA)	10/14/2005
	J163	Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company / ForageGenetics Inc. (USA)	10/14/2005
	J101×J163	Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company / ForageGenetics Inc. (USA)	10/14/2005
	KK179	Reduced lignin	Monsanto Japan Ltd.	Monsanto Company (USA) Forage Genetics International LLC (USA)	5/11/2015
	J101×KK179	Herbicide tolerant Reduced lignin	Monsanto Japan Ltd.	Monsanto Company/ForageGenetics International LLC (USA)	11/12/2015
Papaya (1)	55-1	Virus resistant	Hawaii Papaya Industry Association	Cornell University, University of Hawaii, The Upjohn Company (USA) Agricultural Research Service/USDA	12/1/2011

## 2. Food Additives (37Items)

Item	Commodity	Trait	Applicant	Developer	DateCompleted (mm/dd/yyyy)
α - Amylase	TS-25	High productivity	Novozymes Japan Ltd.	Novozymes A/S (Denmark)	3/30/2001
	BSG-Amylase	High productivity	Novozymes Japan Ltd.	Novozymes A/S (Denmark)	3/30/2001
	TMG-Amylase	High productivity	Novozymes Japan Ltd.	Novozymes A/S (Denmark)	3/30/2001
	SP961	High productivity	Novozymes Japan Ltd.	Novozymes A/S (Denmark)	2/21/2002
	LE399	High productivity	Novozymes Japan Ltd.	Novozymes A/S (Denmark)	10/31/2005
	SPEZYME FRED™	Heat resistant	Genencor Kyowa Co., Ltd.	Genencor International, Inc. (USA)	4/12/2007
	α -amylase(MDT121)	Heat resistant Sucrose torelant	Novozymes Japan Ltd.	Novozymes A/S (Denmark)	12/15/2014
	α -amylase(NZYM-SO)	Heat resistant	Novozymes Japan Ltd.	Novozymes A/S (Denmark)	5/11/2015
	α -amylase(NZYM-AV)	Heat resistant	Novozymes Japan Ltd.	Novozymes A/S (Denmark)	3/24/2016
	α-Amylase (JSF-07-170-3)	High productivity Heat resistant	Danisco Japan Ltd.	Danisco US, Inc. (USA)	7/30/2018
Rennet	Maxiren	High productivity	Robbin & Co., Inc.	DSM (The Netherlands)	3/30/2001
	CHY-MAX	Rennet productivity	NOSAWA & CO., LTD.	CHR. HANSEN A/S (Denmark)	6/30/2003
Pullulanase	Optimax	High productivity	Genencor International Japan Ltd. Japan Branch	Genencor International, Inc. (USA)	3/30/2001
	SP962	High productivity	Novozymes Japan Ltd.	Novozymes A/S (Denmark)	2/21/2002
	Pullulanase (JPBL002)	high enzyme activity	Novozymes Japan Ltd.	Novozymes A/S (Denmark)	7/2/2018
Lipase	SP388	High productivity	Novozymes Japan Ltd.	Novozymes A/S (Denmark)	3/30/2001
	NOVOZYM677	High productivity	Novozymes Japan Ltd.	Novozymes A/S (Denmark)	6/30/2003
	Lipase(JPAo001)	High productivity	Novozymes Japan Ltd.	Novozymes A/S (Denmark)	8/21/2017
Riboflavin	Riboflavin (Vitamin B <sub>2</sub> )	High productivity	Roche Vitamins Japan K.K	F.Hoffmann-La Roche Ltd. (Switzerland)	3/30/2001
	Riboflavin(RFESC02)	High productivity	DSM Japan K.K.	DSM (The Netherlands)	1/30/2018



Item	Commodity	Trait	Applicant	Developer	DateCompleted (mm/dd/yyyy)
Glucoamylase	AMG-E	High productivity	Novozymes Japan Ltd.	Novozymes A/S (Denmark)	7/8/2002
	Glucoamylase(NZYM-BE)	High productivity	Novozymes Japan Ltd.	Novozymes A/S (Denmark)	6/6/2017
	Glucoamylase (JPAN001)	High productivity	Novozymes Japan Ltd.	Novozymes A/S (Denmark)	10/3/2018
$\alpha$ -glucosyltransferase	6- $\alpha$ -glucanotransferase (BR151(pUAQ2))	High productivity Property change	EZAKI GLICO CO., LTD	EZAKI GLICO CO., LTD	2/15/2012
	4- $\alpha$ -glucanotransferase (BR151(pUMQ1))	High productivity	EZAKI GLICO CO., LTD	EZAKI GLICO CO., LTD	4/10/2012
	6- $\alpha$ -glucanotransferase (NZYM-RO)	High productivity	Novozymes Japan Ltd.	Novozymes A/S (Denmark)	11/12/2015
CGTase	CGTase (DTS1451(pHYT2G))	High productivity Property change	NIHON SHOKUHIN KAKO Co.,Ltd.	NIHON SHOKUHIN KAKO Co.,Ltd.	2/12/2014
Asparaginase	Asparaginase(NZYM-SP)	High productivity	Novozymes Japan Ltd.	Novozymes A/S (Denmark)	11/12/2015
Phospholipase	Phospholipase A2(PLA-54)	High productivity	DSM Nutrition JapanK.K.	DSM (The Netherlands)	6/17/2016
	Phospholipase(NZYM-LP)	High productivity	Novozymes Japan Ltd.	Novozymes A/S (Denmark)	12/26/2016
	PhospholipaseC(PRF)	High productivity	DSM Japan K.K.	DSM (The Netherlands)	10/6/2017
$\beta$ -Amylase	$\beta$ -Amylase(NZYM-JA)	High productivity	Novozymes Japan Ltd.	Novozymes A/S (Denmark)	7/11/2016

Exomalto tetraohyd rolase	Exomaltotetrahydrolase (MDT06-228)	Heat resistant	Danisco Japan Ltd.	Danisco US, Inc. (USA)	6/6/2017
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Item	Commodity	Trait	Applicant	Developer	DateCompleted (mm/dd/yyyy)
Acidphosphatase	Acid phosphatase (OYC-GM1)	Acid phosphatase productivity	Oriental Yeast Co.,Ltd.	Oriental Yeast Co.,Ltd.	11/22/2017
Glucoseoxidase	Glucoseoxidase (GOOX-1)	High productivity	Amano Enzyme Inc.	Amano Enzyme Inc.	5/21/2018
Protease	Alkaline protease (JPBL001)	High productivity	Novozymes Japan Ltd.	Novozymes A/S (Denmark)	5/21/2018
	Protease (JPFV001)	High productivity	Novozymes Japan Ltd.	Novozymes A/S (Denmark)	10/3/2018