

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

Food Safety Standards and Evaluation Division, MHLW  
As of 23 February 2018

1. Foods (318 Crops)

Crop	Event	Trait	Applicant	Developer	Date Completed (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 Potential 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	Du Pont 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 de Pesquisa Agropecuaria	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 Syngenta Crop Protection AG and 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)
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	Date Completed (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 Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop 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	Date Completed (mm/dd/yyyy)
Corn (206)	Bt11×Roundup Ready Corn GA21	Insect resistant Herbicide tolerant	Syngenta Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop Protection AG and its affiliates.(Switzerland)	11/6/2007
	Bt11×MIR604	Insect resistant Herbicide tolerant	Syngenta Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop Protection AG and its affiliates.(Switzerland)	11/6/2007
	MIR604×Roundup Ready Corn GA21	Insect resistant Herbicide tolerant	Syngenta Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop Protection AG and its affiliates.(Switzerland)	11/6/2007
	Bt11×MIR604×Roundup Ready Corn GA21	Insect resistant Herbicide tolerant	Syngenta Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop 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. Cry34/35Ab1 Event DAS-59122-7	Insect resistant Herbicide tolerant	Dow Chemical Japan Ltd. Monsanto Japan Ltd.	Dow AgroSciences LLC. Monsanto Company (USA)	12/18/2008
	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 Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop Protection AG and its affiliates.(Switzerland)	1/21/2010

Crop	Event	Trait	Applicant	Developer	Date Completed (mm/dd/yyyy)
Corn (206)	Bt11×MIR162	Insect resistant Herbicide tolerant	Syngenta Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop Protection AG and its affiliates.(Switzerland)	3/8/2010
	MIR162×MIR604	Insect resistant	Syngenta Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop Protection AG and its affiliates.(Switzerland)	3/8/2010
	MIR162×Roundup Ready Corn GA21	Insect resistant Herbicide tolerant	Syngenta Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop Protection AG and its affiliates.(Switzerland)	3/8/2010
	Bt11×MIR162×MIR604	Insect resistant Herbicide tolerant	Syngenta Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop Protection AG and its affiliates.(Switzerland)	3/8/2010
	Bt11×MIR162×Roundup Ready Corn GA21	Insect resistant Herbicide tolerant	Syngenta Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop Protection AG and its affiliates.(Switzerland)	3/8/2010
	MIR162×MIR604×Roundup Ready Corn GA21	Insect resistant Herbicide tolerant	Syngenta Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop Protection AG and its affiliates.(Switzerland)	3/8/2010
	Bt11×MIR162×MIR604×Roundup Ready Corn GA21	Insect resistant Herbicide tolerant	Syngenta Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop Protection AG and its affiliates.(Switzerland)	3/8/2010
	Bt11×1507	Insect resistant Herbicide tolerant	Syngenta Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop Protection AG and its affiliates.(Switzerland)	5/12/2010
	MIR162×1507	Insect resistant Herbicide tolerant	Syngenta Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop Protection AG and its affiliates.(Switzerland)	5/12/2010
	1507×Roundup Ready Corn GA21	Insect resistant Herbicide tolerant	Syngenta Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop Protection AG and its affiliates.(Switzerland)	5/12/2010
	Bt11×MIR162×1507	Insect resistant Herbicide tolerant	Syngenta Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop Protection AG and its affiliates.(Switzerland)	5/12/2010
	Bt11×1507×Roundup Ready Corn GA21	Insect resistant Herbicide tolerant	Syngenta Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop Protection AG and its affiliates.(Switzerland)	5/12/2010
	MIR162×1507×Roundup Ready Corn GA21	Insect resistant Herbicide tolerant	Syngenta Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop Protection AG and its affiliates.(Switzerland)	5/12/2010
	Bt11×MIR162×1507×Roundup Ready Corn GA21	Insect resistant Herbicide tolerant	Syngenta Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop Protection AG and its affiliates.(Switzerland)	5/12/2010
	3272	Thermostable $\alpha$ -amylase	Syngenta Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop 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 $\alpha$ -amylase Insect resistant Herbicide tolerant	Syngenta Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop Protection AG and its affiliates.(Switzerland)	7/5/2010
3272×MIR604	Thermostable $\alpha$ -amylase Insect resistant	Syngenta Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop 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 Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop Protection AG and its affiliates.(Switzerland)	7/5/2010
	3272×Bt11×MIR604	Thermostable α-amylase Insect resistant Herbicide tolerant	Syngenta Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop Protection AG and its affiliates.(Switzerland)	7/5/2010
	3272×Bt11×Roundup Ready Corn GA21	Thermostable α-amylase Insect resistant Herbicide tolerant	Syngenta Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop Protection AG and its affiliates.(Switzerland)	7/5/2010
	3272×MIR604×Roundup Ready Corn GA21	Thermostable α-amylase Insect resistant Herbicide tolerant	Syngenta Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop Protection AG and its affiliates.(Switzerland)	7/5/2010
	3272×Bt11×MIR604×Roundup Ready Corn GA21	Thermostable α-amylase Insect resistant Herbicide tolerant	Syngenta Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop Protection AG and its affiliates.(Switzerland)	7/5/2010
	MIR604×1507	Insect resistant Herbicide tolerant	Syngenta Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop Protection AG and its affiliates.(Switzerland)	2/2/2011
	B.t. Cry34/35Ab1 Event DAS-59122-7×GA21	Insect resistant Herbicide tolerant	Syngenta Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop Protection AG and its affiliates.(Switzerland)	2/2/2011
	B.t. Cry34/35Ab1 Event DAS-59122-7×MIR604	Insect resistant Herbicide tolerant	Syngenta Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop Protection AG and its affiliates.(Switzerland)	2/2/2011
	Bt11×B.t. Cry34/35Ab1 Event DAS-59122-7	Insect resistant Herbicide tolerant	Syngenta Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop Protection AG and its affiliates.(Switzerland)	2/2/2011
	MIR604×1507×GA21	Insect resistant Herbicide tolerant	Syngenta Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop Protection AG and its affiliates.(Switzerland)	2/2/2011
	B.t. Cry34/35Ab1 Event DAS-59122-7×1507×GA21	Insect resistant Herbicide tolerant	Syngenta Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop Protection AG and its affiliates.(Switzerland)	2/2/2011
	B.t. Cry34/35Ab1 Event DAS-59122-7×MIR604×GA21	Insect resistant Herbicide tolerant	Syngenta Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop Protection AG and its affiliates.(Switzerland)	2/2/2011
	B.t. Cry34/35Ab1 Event DAS-59122-7×MIR604×1507	Insect resistant Herbicide tolerant	Syngenta Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop Protection AG and its affiliates.(Switzerland)	2/2/2011
	Bt11×MIR604×1507	Insect resistant Herbicide tolerant	Syngenta Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop Protection AG and its affiliates.(Switzerland)	2/2/2011
	Bt11×B.t. Cry34/35Ab1 Event DAS-59122-7×GA21	Insect resistant Herbicide tolerant	Syngenta Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop Protection AG and its affiliates.(Switzerland)	2/2/2011
	Bt11×B.t. Cry34/35Ab1 Event DAS-59122-7×1507	Insect resistant Herbicide tolerant	Syngenta Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop Protection AG and its affiliates.(Switzerland)	2/2/2011
	Bt11×B.t. Cry34/35Ab1 Event DAS-59122-7×MIR604	Insect resistant Herbicide tolerant	Syngenta Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop 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 Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop Protection AG and its affiliates.(Switzerland)	2/2/2011

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Corn (206)	Bt11×MIR604×1507×GA21	Insect resistant Herbicide tolerant	Syngenta Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop Protection AG and its affiliates.(Switzerland)	2/2/2011
	Bt11×B.t. Cry34/35 Ab1 Event DAS-59122-7×1507×GA21	Insect resistant Herbicide tolerant	Syngenta Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop Protection AG and its affiliates.(Switzerland)	2/2/2011
	Bt11×B.t. Cry34/35 Ab1 Event DAS-59122-7×MIR604×GA21	Insect resistant Herbicide tolerant	Syngenta Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop Protection AG and its affiliates.(Switzerland)	2/2/2011
	Bt11×B.t. Cry34/35 Ab1 Event DAS-59122-7×MIR604×1507	Insect resistant Herbicide tolerant	Syngenta Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop Protection AG and its affiliates.(Switzerland)	2/2/2011
	Bt11×B.t. Cry34/35 Ab1 Event DAS-59122-7×MIR604×1507×GA21	Insect resistant Herbicide tolerant	Syngenta Seeds K.K.	Syngenta seeds Inc. on behalf of Syngenta Crop Protection AG and its affiliates.(Switzerland)	2/2/2011
	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	Insect resistant Herbicide tolerant	DuPont K.K.	Pioneer Hi-Bred International, Inc. (USA)	3/2/2011
	1507×B.t. Cry34/35 Ab1 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. Cry34/35 Ab1 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.	5/7/2012
	Bt11×GA21 (sweet)	Insect resistant Herbicide tolerant	Syngenta Japan K.K.	Syngenta Seeds, Inc.	5/7/2012
	Bt11×MIR162 (sweet)	Insect resistant Herbicide tolerant	Syngenta Japan K.K.	Syngenta Seeds, Inc.	5/7/2012
	MIR162×GA21 (sweet)	Insect resistant Herbicide tolerant	Syngenta Japan K.K.	Syngenta Seeds, Inc.	5/7/2012
	MIR162 (sweet)	Insect resistant	Syngenta Japan K.K.	Syngenta Seeds, Inc.	5/7/2012
	GA21 (sweet)	Herbicide tolerant	Syngenta Japan K.K.	Syngenta Seeds, Inc.	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	Date Completed (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 Syngenta Crop 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 Syngenta Crop 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 Syngenta Crop 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 Syngenta Crop 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 Syngenta Crop 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 Syngenta Crop 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 Syngenta Crop Protection AG and its affiliates.(Switzerland)	4/24/2013	

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

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

Crop	Event	Trait	Applicant	Developer	Date Completed (mm/dd/yyyy)
Corn (206)	MON87427×MON89034×DAS-59122-7	Tissue selective herbicide tolerant 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	Tissue selective herbicide tolerant 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 selective herbicide tolerant Insect resistant	Monsanto Japan Ltd.	Monsanto Company (USA)	9/5/2013
	MON87427×1507	Tissue selective herbicide tolerant 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	Tissue selective herbicide tolerant Insect resistant Herbicide tolerant	Monsanto Japan Ltd.	Monsanto Company (USA)	9/5/2013
	MON87427×MON89034×NK603	Tissue selective herbicide tolerant 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	Du Pont 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 Syngenta Crop 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 Syngenta Crop 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	Date Completed (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	Du Pont K.K.	Pioneer Hi-Bred International, Inc. (USA)	12/15/2014
	DP-073496-4×RF3	Herbicide tolerant Recovering male Sterility	DuPont Production Agri science K.K.	Pioneer Hi-Bred International, Inc. (USA)	5/1/2017
Cotton (45)	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 Cotton 1445×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	Date Completed (mm/dd/yyyy)
Cotton (45)	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 Seeds K.K.	Syngenta Seeds, Inc.	7/19/2012
	COT102	Insect resistant	Syngenta Seeds K.K.	Syngenta Seeds, Inc.	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	Date Completed (mm/dd/yyyy)
Cotton (45)	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
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/Forage Genetics 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 (31 Items)

Item	Commodity	Trait	Applicant	Developer	Date Completed (mm/dd/yyyy)
$\alpha$ -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
	$\alpha$ -amylase (MDT121)	Heat resistant Sucrose tolerant	Novozymes Japan Ltd.	Novozymes A/S (Denmark)	12/15/2014
	$\alpha$ -amylase (NZYM-SO)	Heat resistant	Novozymes Japan Ltd.	Novozymes A/S (Denmark)	5/11/2015
	$\alpha$ -amylase (NZYM-AV)	Heat resistant	Novozymes Japan Ltd.	Novozymes A/S (Denmark)	3/24/2016
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
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
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



Item	Commodity	Trait	Applicant	Developer	Date Completed (mm/dd/yyyy)
$\alpha$ -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	11/12/2015
CGTase	CGTase (DTS1451(pHYT 2G))	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	11/12/2015
Phospholipase	Phospholipase A2 (PLA-54)	High productivity	DSM Nutrition Japan K.K.	DSM Nutritional Products Ltd.	6/17/2016
	Phospholipase (NZYM-LP)	High productivity	Novozymes Japan Ltd.	Novozymes A/S	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	7/11/2016
Exomaltotetraohydrolase	Exomaltotetraohydrolase (MDT06-228)	Heat resistant	Danisco Japan Ltd.	Danisco US, Inc. (USA)	6/6/2017
Acid phosphatase	Acid phosphatase (OYC-GM1)	Acid phosphatase productivity	Oriental Yeast Co.,Ltd.	Oriental Yeast Co.,Ltd.	11/22/2017