

PLANT PATENTS

JANUARY 1, 1989 -- DECEMBER 31, 2013



March 2014
U.S. PATENT AND TRADEMARK OFFICE
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A PATENT TECHNOLOGY MONITORING TEAM REPORT

Plant Patents Report 1/1/1989 - 12/31/2013 Explanation of Data

This Patent Technology Monitoring Team (PTMT) Report profiles patent activity for U.S. plant patents (hereafter referred to as patents) granted between **January 1, 1989** and **December 31, 2013**. The source of the data used for this report is the TAF database maintained by the U.S. Patent and Trademark Office.

Data Distribution By Date of Grant and By Date of Application

Parts A1 and A2

Part A1 distributes patent GRANT data by year of patent grant ("Patents Granted By Date of Patent Grant"). Part A2 distributes grant data by the year in which the patented application was filed ("Patents Granted By Date of Patent Application"). Parts A1 and A2 each provide patent counts (pages A1-1 and A2-1) and percent distributions (pages A1-2 and A2-2). Patent data in the "**Pre YYYY**" column correspond to the time period **prior to the year YYYY**.

Part B

Part B of this report distributes patent GRANT data for organizations that have received U.S. patents since **1989**. Data are presented by the year in which the patent was granted ("Patents By Year of Grant") and the year the patented application was filed ("Patents by Year of Application").

DATA FOR THOSE APPLICATIONS WHICH WERE FILED BUT NEVER ISSUED (HISTORICALLY ~ 35% OF TOTAL FILINGS) ARE NOT INCLUDED IN THIS REPORT.

Since the average time period between filing for a utility patent and the issuing of the patent (i.e., a patent's "pendency") is now about **29** months, the patented application data for the most recent years of this report are incomplete.* This is because a significant number of the applications filed during the most recent years were still pending at the end of the report period. While many of these applications eventually will be patented, they will not be patented until sometime following the report period.

Patented application data are of significant value since the date an application was filed more accurately reflects when the technology was developed. Additionally, fluctuations in data based on application date are much more likely to reflect changes in technological activity since such fluctuations would for the most part be immune from changes in PTO processing such as occurred in years such as 1986 and 2005 when the PTO issued fewer patents than would normally have been expected due to administrative reasons. Note that a patent's "pendency" can be quite variable from one patent to another thereby affecting the date of patent grant. Such variation in pendency is determined by many factors, including PTO workload (which varies between technologies), budget and manpower levels, patent printing schedules, etc.

Patent data in the "**Pre YYYY**" column correspond to the period **prior to YYYY**.

Parts of the Report

Parts A1 and A2 present tables which show, by number and percent, the patent activity. Part A1 presents data by year of patent grant ("Patents Granted by Date of Patent Grant"). Part A2 redistributes grant data by year of patent application ("Patents Granted by Date of Patent Application"). The location of **patent origin is determined by the residence of the first-named inventor at the time of grant**.

Patent ownership reflects ownership at the time of patent grant and does not include subsequent changes in ownership. If more than one assignee was declared at the time of grant, the patent is attributed to the first-named assignee. The U.S. and Foreign Corporations ownership categories count predominantly corporate patents; however, patents assigned to other organizations such as small businesses, nonprofit organizations, universities, etc. are also included in these categories. While U.S. Government patent ownership includes only patents granted to the Federal Government, no similar distinction is made for Foreign Government ownership category patents.

Note that for a patent, the country of origin may differ from the country of ownership. Therefore, **the sum of U.S. origin patents does not equal the sum of U.S. ownership category patents**.

Part B is a ranked listing of national and international organizations (i.e., corporations, universities, government agencies) which have received 5 or more U.S. plant patents since **1989**. Data line 1 for each listed organization distributes counts of patent grants by year of grant. Data line 2 for each organization redistributes those same patent grants by year in which the patented application was filed. Information about patent ownership reflects ownership at the time of patent grant. Although a substantial effort has been made to combine name variations into a single organizational name, many organizations continue to have patents listed under more than one organizational name.

* For example, in a report profiling utility patents granted through December 2013, patent grant data, as distributed by year of application, are approximately 96% complete for utility patent applications filed in 2004, 92% complete for applications filed in 2005, 84% complete for applications filed in 2006, 74% complete for applications filed in 2007, 59% complete for applications filed in 2008, 50% complete for applications filed in 2009, 39% complete for applications filed in 2010, and 24% complete for applications filed in 2011; data are essentially complete for applications filed prior to 2004. About 90% of all patent documents granted by USPTO (i.e., including utility, design, plant, and reissue patents, etc.) are utility patent grants. Currently, completion percentages restricted to plant patents are not available.

Part A1

Patent Grants As Distributed By Year of Patent Grant

---- Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1989 - Dec 31, 2013) ----

	NUMBER OF PATENTS															
	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
Total	4644	548	584	1133	994	1016	716	1149	1047	1240	1009	981	823	860	847	17591
U.S. Origin	2509	232	372	518	395	428	236	430	364	433	389	297	308	315	354	7580
Foreign Origin	2135	316	212	615	599	588	480	719	683	807	620	684	515	545	493	10011
NETHERLANDS	531	102	57	218	162	211	141	212	221	265	166	188	153	160	138	2925
GERMANY	534	70	22	145	166	100	80	98	131	176	137	160	112	122	121	2174
JAPAN	109	16	23	30	68	49	54	84	65	87	60	50	67	44	38	844
DENMARK	128	24	21	79	25	74	74	71	57	48	21	25	14	18	30	709
UNITED KINGDOM	169	35	9	35	42	41	37	68	49	43	45	47	23	36	27	706
FRANCE	228	9	4	26	13	8	11	23	26	38	29	48	14	28	43	548
AUSTRALIA	77	15	25	27	25	26	32	45	34	63	27	45	26	32	17	516
ISRAEL	90	3	14	8	18	15	3	38	23	19	26	15	22	32	12	338
BELGIUM	51	12	6	10	38	16	3	25	13	7	17	12	27	22	13	272
NEW ZEALAND	55	11	4	7	12	20	10	4	13	18	26	28	26	15	17	266
CANADA	62	10	7	5	5	1	3	5	8	10	14	3	6	5	4	148
COSTA RICA	28	1	9	5	4	10	10	19	7	5	6	3	2			109
ITALY	21	2		1	2	1			1	6	2	9	2	4	6	57
SPAIN	10	1	1		1	6	2	3		2	3	17	2	1	4	53
INDIA	3		1	12	7	4	3	5	8		3	1		1	3	51
SOUTH AFRICA	7		4	1	4	1	5	5	3	1	6	2	2	1		42
INDONESIA						2	1	1	2	6	14					26
CZECH REPUBLIC							3	2	1	6		3	1		3	19
TAIWAN	1						1	1			10	2	2	1		18
IRELAND	1					1		2			3	5	1	3	1	17
BRAZIL		2		1				1	5	3	1	1		1		15
COLOMBIA	4			1								3	7			15
THAILAND				1	2			1		1	1	2	1		3	12
ARGENTINA	2							1	2		1	6				12
SWITZERLAND	2			1	2				2	1	1	1		1		11
ESTONIA														11		11
GUERNSEY	7						1	1	1							10
KOREA, SOUTH	2	1	3	1						1				1		9
ECUADOR					2						1				6	9
CHILE						2	1		1			2			2	8
RUSSIAN FEDERATION							4	2				2				8
SWEDEN	5	1	1					1								8
CHINA, PEOPLE'S REPUB									1	1		1	3	1	1	8
POLAND									1				2		3	6
MEXICO	1	1		1					1			1				5
HUNGARY									4					1		5
Others (12)	7		1		1		1	1	3			2		4	1	21
Ownership:																
U.S. Corporations	2251	246	321	454	321	414	241	403	358	390	321	207	249	209	261	6646
U.S. Government	4			8		3	1	2			3	2	2	1	4	30
U.S. Individuals	780	48	89	118	102	72	60	89	66	123	97	78	77	103	85	1987
Foreign Corporations	1202	207	134	409	440	443	369	538	522	579	409	540	383	434	414	7023
Foreign Government	32	4	4	1	1			7	4	3	6	1	2	3		68
Foreign Individuals	375	43	36	143	130	84	45	110	97	145	173	153	110	110	83	1837

---- Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1989 - Dec 31, 2013) ----

	PERCENT OF PATENTS															
	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	54	42	64	46	40	42	33	37	35	35	39	30	37	37	42	43
Foreign Origin	46	58	36	54	60	58	67	63	65	65	61	70	63	63	58	57
NETHERLANDS	11	19	10	19	16	21	20	18	21	21	16	19	19	19	16	17
GERMANY	11	13	4	13	17	10	11	9	13	14	14	16	14	14	14	12
JAPAN	2	3	4	3	7	5	8	7	6	7	6	5	8	5	4	5
DENMARK	3	4	4	7	3	7	10	6	5	4	2	3	2	2	4	4
UNITED KINGDOM	4	6	2	3	4	4	5	6	5	3	4	5	3	4	3	4
FRANCE	5	2	1	2	1	1	2	2	2	3	3	5	2	3	5	3
AUSTRALIA	2	3	4	2	3	3	4	4	3	5	3	5	3	4	2	3
ISRAEL	2	1	2	1	2	1		3	2	2	3	2	3	4	1	2
BELGIUM	1	2	1	1	4	2		2	1	1	2	1	3	3	2	2
NEW ZEALAND	1	2	1	1	1	2	1		1	1	3	3	3	2	2	2
CANADA	1	2	1		1				1	1	1		1	1		1
COSTA RICA	1		2			1	1	2	1		1					1
ITALY												1			1	0
SPAIN						1						2				0
INDIA				1	1				1							0
SOUTH AFRICA			1				1				1					0
INDONESIA											1					0
CZECH REPUBLIC																0
TAIWAN											1					0
IRELAND												1				0
BRAZIL																0
COLOMBIA													1			0
THAILAND																0
ARGENTINA												1				0
SWITZERLAND																0
ESTONIA														1		0
GUERNSEY																0
KOREA, SOUTH			1													0
ECUADOR															1	0
CHILE																0
RUSSIAN FEDERATION							1									0
SWEDEN																0
CHINA, PEOPLE'S REPUB																0
POLAND																0
MEXICO																0
HUNGARY																0
Others (12)																0
Ownership:																
U.S. Corporations	48	45	55	40	32	41	34	35	34	31	32	21	30	24	31	38
U.S. Government				1												0
U.S. Individuals	17	9	15	10	10	7	8	8	6	10	10	8	9	12	10	11
Foreign Corporations	26	38	23	36	44	44	52	47	50	47	41	55	47	50	49	40
Foreign Government	1	1	1					1			1					0
Foreign Individuals	8	8	6	13	13	8	6	10	9	12	17	16	13	13	10	10

Part A2

Patent Grants As Distributed By Year of Patent Application

---- Patents Granted By Date Of Patent Application (Granted: Jan 01, 1989 - Dec 31, 2013) ----

	NUMBER OF PATENTED APPLICATIONS															
	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
Total	5841	615	903	948	901	1114	1219	1018	906	1117	896	928	998	183	4	17591
U.S. Origin	3115	283	430	398	352	382	456	360	304	401	295	352	393	59		7580
Foreign Origin	2726	332	473	550	549	732	763	658	602	716	601	576	605	124	4	10011
NETHERLANDS	716	117	133	166	166	221	264	227	165	204	159	174	184	29		2925
GERMANY	638	50	112	161	83	117	127	138	150	152	138	136	137	31	4	2174
JAPAN	159	21	38	51	55	77	72	60	61	80	56	63	34	17		844
DENMARK	196	23	40	28	86	109	51	44	39	10	27	15	35	6		709
UNITED KINGDOM	215	27	34	36	51	35	76	42	28	51	31	34	43	3		706
FRANCE	244	22	12	4	25	19	22	27	22	39	35	28	29	20		548
AUSTRALIA	108	16	27	27	18	61	34	54	41	34	33	35	24	4		516
ISRAEL	107	17	7	12	5	18	33	18	9	36	24	18	31	3		338
BELGIUM	67	9	25	26	8	7	24	10	8	16	34	8	27	3		272
NEW ZEALAND	70	1	14	7	20	14	9	13	22	34	20	20	21	1		266
CANADA	78	4	7	3	3	8	3	5	11	9	4	10	3			148
COSTA RICA	34	8	2	8	3	26	12	2	6	4	3	1				109
ITALY	23	1	3				2	5	3	1	8	3	7	1		57
SPAIN	12		1	6	5				2	13	9	1	3	1		53
INDIA	6	8	9	7	4	3	7		1	2			4			51
SOUTH AFRICA	11	2	3	2	4	4	4	2	2	5	1	1	1			42
INDONESIA					1	3	2		20							26
CZECH REPUBLIC					1	2	3	6			4			3		19
TAIWAN	1					2		1	3	8	2	1				18
IRELAND	1				1		2		2	3	3	2	3			17
BRAZIL	2	1					5	2	1	2	1		1			15
COLOMBIA	4		1								4	6				15
ARGENTINA	2		1		2					6	1					12
THAILAND		1	1	1		1			2	1	2	2	1			12
SWITZERLAND	2	1	1	1	1		2		1		1		1			11
ESTONIA												8	3			11
GUERNSEY	7				3											10
KOREA, SOUTH	7								1			1				9
ECUADOR		2								1			6			9
RUSSIAN FEDERATION				4		2				2						8
SWEDEN	7						1									8
CHILE					3		1			2			2			8
CHINA, PEOPLE'S REPUB						1			1		1	3	2			8
POLAND							1					2	1	2		6
MEXICO	2		1			1		1								5
HUNGARY							4					1				5
Others (12)	7	1	1		1	1	2	1	1	1		3	2			21
Ownership:																
U.S. Corporations	2813	268	345	341	339	379	452	325	273	304	234	246	285	42		6646
U.S. Government	5	2	8		1	2				5	1	1	5			30
U.S. Individuals	921	71	110	82	71	84	87	83	86	102	68	118	92	12		1987
Foreign Corporations	1579	208	322	438	404	563	554	507	413	520	454	438	518	101	4	7023
Foreign Government	40		2		1	10	2		7	1	2	1	2			68
Foreign Individuals	483	66	116	87	85	76	124	103	127	185	137	124	96	28		1837

---- Patents Granted By Date Of Patent Application (Granted: Jan 01, 1989 - Dec 31, 2013) ----																
PERCENT OF PATENTED APPLICATIONS																
	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	53	46	48	42	39	34	37	35	34	36	33	38	39	32		43
Foreign Origin	47	54	52	58	61	66	63	65	66	64	67	62	61	68	100	57
NETHERLANDS	12	19	15	18	18	20	22	22	18	18	18	19	18	16		17
GERMANY	11	8	12	17	9	11	10	14	17	14	15	15	14	17	100	12
JAPAN	3	3	4	5	6	7	6	6	7	7	6	7	3	9		5
DENMARK	3	4	4	3	10	10	4	4	4	1	3	2	4	3		4
UNITED KINGDOM	4	4	4	4	6	3	6	4	3	5	3	4	4	2		4
FRANCE	4	4	1		3	2	2	3	2	3	4	3	3	11		3
AUSTRALIA	2	3	3	3	2	5	3	5	5	3	4	4	2	2		3
ISRAEL	2	3	1	1	1	2	3	2	1	3	3	2	3	2		2
BELGIUM	1	1	3	3	1	1	2	1	1	1	4	1	3	2		2
NEW ZEALAND	1		2	1	2	1	1	1	2	3	2	2	2	1		2
CANADA	1	1	1			1			1	1		1				1
COSTA RICA	1	1		1		2	1		1							1
ITALY											1		1	1		0
SPAIN				1	1					1	1			1		0
INDIA		1	1	1			1									0
SOUTH AFRICA																0
INDONESIA									2							0
CZECH REPUBLIC								1						2		0
TAIWAN										1						0
IRELAND																0
BRAZIL																0
COLOMBIA												1				0
ARGENTINA										1						0
THAILAND																0
SWITZERLAND																0
ESTONIA												1				0
GUERNSEY																0
KOREA, SOUTH																0
ECUADOR													1			0
RUSSIAN FEDERATION																0
SWEDEN																0
CHILE																0
CHINA, PEOPLE'S REPUB																0
POLAND														1		0
MEXICO																0
HUNGARY																0
Others (12)																0
Ownership:																
U.S. Corporations	48	44	38	36	38	34	37	32	30	27	26	27	29	23		38
U.S. Government			1										1			0
U.S. Individuals	16	12	12	9	8	8	7	8	9	9	8	13	9	7		11
Foreign Corporations	27	34	36	46	45	51	45	50	46	47	51	47	52	55	100	40
Foreign Government	1					1			1							0
Foreign Individuals	8	11	13	9	9	7	10	10	14	17	15	13	10	15		10

Part B

Ranked Listing of Organizations with Patent Grants

As Distributed By Year of Patent Grant

and As Distributed By Year of Patent Application

---- Organizational Patenting (Granted: Jan 01, 1989 - Dec 31, 2013) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
YODER BROTHERS, INC.																
Patents By Year of Grant:	350	14	77	87	41	42	19	53	71	46	39	1	0	0	0	840
Patents By Year of Application:	418	41	76	34	31	47	98	36	24	34	1	0	0	0	0	840
TERRA-NOVA NURSERIES, INC.																
Patents By Year of Grant:	6	12	9	30	12	12	12	33	22	32	14	13	36	52	27	322
Patents By Year of Application:	30	10	19	11	11	18	33	30	21	13	33	35	54	4	0	322
PAUL ECKE RANCH, INC.																
Patents By Year of Grant:	138	24	31	23	7	0	10	11	14	15	8	1	4	3	0	289
Patents By Year of Application:	195	4	17	7	0	13	13	18	8	7	1	3	3	0	0	289
BALL HORTICULTURAL COMPANY																
Patents By Year of Grant:	18	0	0	2	1	41	18	58	34	53	16	10	12	17	8	288
Patents By Year of Application:	19	1	1	3	54	45	49	32	26	12	14	11	21	0	0	288
SUNTORY FLOWERS LIMITED																
Patents By Year of Grant:	0	0	0	0	5	9	11	46	19	41	42	23	28	25	20	269
Patents By Year of Application:	0	0	0	13	15	28	27	27	25	50	20	40	16	8	0	269
BEAR CREEK GARDENS, INC.																
Patents By Year of Grant:	208	53	2	0	0	0	0	0	0	0	0	0	0	0	0	263
Patents By Year of Application:	263	0	0	0	0	0	0	0	0	0	0	0	0	0	0	263
KLEMM + SOHN GMBH & CO. KG																
Patents By Year of Grant:	0	0	0	14	21	9	5	6	28	45	37	26	13	29	21	254
Patents By Year of Application:	0	0	21	15	3	13	3	62	20	30	25	21	31	10	0	254
POULSEN ROSER A/S																
Patents By Year of Grant:	15	19	2	2	3	45	55	38	25	14	0	1	0	5	12	236
Patents By Year of Application:	39	1	1	9	65	64	12	26	1	0	1	0	16	1	0	236
FLORFIS AG																
Patents By Year of Grant:	75	3	7	57	18	15	9	25	11	13	0	0	0	0	0	233
Patents By Year of Application:	94	16	39	12	15	24	10	23	0	0	0	0	0	0	0	233
Syngenta Crop Protection AG																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	8	64	45	54	55	226
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	29	56	61	62	18	0	226
GOLDSMITH SEEDS, INC.																
Patents By Year of Grant:	27	0	1	0	27	27	44	35	24	14	25	0	0	0	0	224
Patents By Year of Application:	28	0	0	9	44	52	34	21	11	25	0	0	0	0	0	224

---- Organizational Patenting (Granted: Jan 01, 1989 - Dec 31, 2013) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre															
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
SYNGENTA SEEDS B.V.																
Patents By Year of Grant:	0	0	6	6	4	12	13	45	52	71	11	1	0	0	0	221
Patents By Year of Application:	2	5	5	4	20	24	55	79	20	7	0	0	0	0	0	221
DANZIGER - "DAN" FLOWER FARM																
Patents By Year of Grant:	55	1	12	4	7	11	2	31	20	10	9	6	13	20	8	209
Patents By Year of Application:	68	2	6	10	4	13	27	17	8	7	10	11	24	2	0	209
Capitol Green Investments Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	18	21	47	34	35	43	198
Patents By Year of Application:	0	0	0	0	0	0	0	0	22	34	53	44	36	5	4	198
CP (DELAWARE), INC.																
Patents By Year of Grant:	10	5	4	12	18	7	9	11	11	22	15	20	5	10	19	178
Patents By Year of Application:	20	9	14	8	14	13	10	12	16	20	11	13	14	4	0	178
OGLEVEE LTD.																
Patents By Year of Grant:	36	9	23	40	25	11	1	11	10	1	0	0	0	0	0	167
Patents By Year of Application:	51	49	20	20	4	2	20	1	0	0	0	0	0	0	0	167
CHRYSANTHEMUM BREEDERS ASSOCIATION N.V.																
Patents By Year of Grant:	19	9	1	37	11	47	11	19	2	3	0	0	0	0	0	159
Patents By Year of Application:	34	34	8	36	5	34	7	1	0	0	0	0	0	0	0	159
BALL FLORAPLANT, A DIVISION OF BALL HORTICULTURAL CO.																
Patents By Year of Grant:	7	30	18	18	51	17	1	0	0	0	0	0	0	0	0	142
Patents By Year of Application:	55	1	19	67	0	0	0	0	0	0	0	0	0	0	0	142
CONARD-PYLE COMPANY																
Patents By Year of Grant:	141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	141
Patents By Year of Application:	141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	141
CLEANGRO, LTD.																
Patents By Year of Grant:	43	23	2	1	5	12	15	23	4	7	0	2	0	0	0	137
Patents By Year of Application:	68	0	7	0	29	10	11	8	2	0	2	0	0	0	0	137
SAKATA SEED CORPORATION																
Patents By Year of Grant:	2	0	8	14	19	10	15	12	9	17	10	4	8	2	3	133
Patents By Year of Application:	16	8	12	9	6	18	16	5	11	17	6	5	4	0	0	133
WEEKS WHOLESALE ROSE GROWERS, INC.																
Patents By Year of Grant:	40	5	0	9	10	9	1	8	7	11	6	7	4	7	3	127
Patents By Year of Application:	46	6	12	6	6	6	7	8	7	7	6	6	4	0	0	127

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	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
JACKSON & PERKINS WHOLESALE, INC.																
Patents By Year of Grant:	0	0	31	24	9	15	1	13	3	21	3	2	0	0	0	122
Patents By Year of Application:	35	16	10	14	4	10	9	6	16	2	0	0	0	0	0	122
Fides B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	13	19	15	21	1	33	19	121
Patents By Year of Application:	0	0	0	0	0	0	5	19	8	16	20	15	38	0	0	121
ELSNER PAC JUNGPFANZEN																
Patents By Year of Grant:	7	1	0	10	13	3	2	20	12	7	14	8	1	8	1	107
Patents By Year of Application:	8	13	1	13	4	1	26	4	14	13	1	0	9	0	0	107
DUMMEN JUNGPFANZEN GBR																
Patents By Year of Grant:	0	0	0	5	47	0	14	11	21	6	0	0	0	0	0	104
Patents By Year of Application:	0	0	13	39	0	15	17	20	0	0	0	0	0	0	0	104
PLANT 21 LLC																
Patents By Year of Grant:	0	0	0	0	5	19	18	6	12	10	5	2	15	12	0	104
Patents By Year of Application:	0	0	5	0	20	19	16	5	8	4	15	8	4	0	0	104
DAVID AUSTIN ROSES LIMITED																
Patents By Year of Grant:	47	4	0	2	5	2	0	11	4	10	3	3	3	5	1	100
Patents By Year of Application:	51	3	4	0	2	3	12	7	6	0	3	3	6	0	0	100
W. KORDES' SOHNE ROSENSCHULEN GMBH & CO KG																
Patents By Year of Grant:	0	0	0	0	2	6	4	8	6	10	4	14	5	14	27	100
Patents By Year of Application:	0	0	4	3	6	1	12	2	8	11	9	15	22	7	0	100
JOHN BODGER & SONS CO.																
Patents By Year of Grant:	36	4	7	8	0	31	5	1	5	0	0	0	0	0	0	97
Patents By Year of Application:	47	1	7	0	33	3	1	5	0	0	0	0	0	0	0	97
SPRING MEADOW NURSERY, INC.																
Patents By Year of Grant:	3	0	2	7	1	5	8	7	5	4	18	5	19	9	4	97
Patents By Year of Application:	5	5	2	3	3	11	8	5	1	19	12	18	2	3	0	97
DRISCOLL STRAWBERRY ASSOCIATES INC.																
Patents By Year of Grant:	12	6	1	5	6	15	4	2	3	7	6	8	6	3	12	96
Patents By Year of Application:	21	3	7	13	5	3	3	5	3	10	6	3	13	1	0	96
FLORIDA FOUNDATION SEED PRODUCERS, INC.																
Patents By Year of Grant:	11	0	1	6	3	12	0	3	1	2	9	24	5	2	13	92
Patents By Year of Application:	15	1	4	9	5	3	7	0	1	15	17	4	9	2	0	92

---- Ranked List of Organizations with 5 or More Patents ----

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---- Organizational Patenting (Granted: Jan 01, 1989 - Dec 31, 2013) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre															
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC.																
Patents By Year of Grant:	2	2	0	3	0	1	2	8	8	7	3	6	7	1	6	56
Patents By Year of Application:	4	3	0	2	3	1	12	7	5	3	3	7	6	0	0	56
BURCHELL NURSERY, INC.																
Patents By Year of Grant:	2	0	2	10	12	9	4	6	2	0	0	1	2	4	1	55
Patents By Year of Application:	9	3	5	10	11	6	3	0	0	0	4	3	1	0	0	55
TWYFORD INTERNATIONAL, INC.																
Patents By Year of Grant:	30	0	0	8	6	5	2	1	3	0	0	0	0	0	0	55
Patents By Year of Application:	30	2	6	8	2	4	3	0	0	0	0	0	0	0	0	55
GEORGE J. BALL, INC.																
Patents By Year of Grant:	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54
Patents By Year of Application:	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54
BAILEY NURSERIES, INC.																
Patents By Year of Grant:	6	0	2	2	2	4	9	13	3	4	5	1	1	0	0	52
Patents By Year of Application:	8	2	2	3	3	19	1	4	4	4	1	1	0	0	0	52
HINES NURSERIES INC.																
Patents By Year of Grant:	5	0	9	5	8	10	6	4	5	0	0	0	0	0	0	52
Patents By Year of Application:	15	9	1	12	2	9	4	0	0	0	0	0	0	0	0	52
WITTEMAN + CO.																
Patents By Year of Grant:	0	0	0	0	0	7	5	10	13	12	5	0	0	0	0	52
Patents By Year of Application:	0	0	0	3	4	7	13	9	13	3	0	0	0	0	0	52
BONZA BOTANICALS PTY., LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	1	6	1	18	1	8	9	2	3	49
Patents By Year of Application:	0	0	0	0	1	6	1	12	7	0	12	6	4	0	0	49
PLANT DEVELOPMENT SERVICES INC.																
Patents By Year of Grant:	1	4	12	3	6	4	3	4	3	2	2	0	1	4	0	49
Patents By Year of Application:	13	5	3	4	5	7	3	4	0	0	1	4	0	0	0	49
FIDES GOLDSTOCK BREEDING B.V.																
Patents By Year of Grant:	0	0	4	13	2	9	9	11	0	0	0	0	0	0	0	48
Patents By Year of Application:	0	8	8	3	7	22	0	0	0	0	0	0	0	0	0	48
Goldsmith Seeds Europe B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	11	13	5	18	0	0	0	47
Patents By Year of Application:	0	0	0	0	0	0	0	13	13	16	5	0	0	0	0	47

---- Organizational Patenting (Granted: Jan 01, 1989 - Dec 31, 2013) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
ITSAL PLANTS, LLC																
Patents By Year of Grant:	0	0	0	1	0	0	0	5	6	6	6	10	6	4	3	47
Patents By Year of Application:	0	0	0	1	0	3	8	7	0	10	8	7	1	2	0	47
JOSEF & HEINRICH WESTHOFF GARTENBAU-SPEZIALKULTUREN																
Patents By Year of Grant:	0	3	1	7	5	16	13	2	0	0	0	0	0	0	0	47
Patents By Year of Application:	5	2	4	7	5	24	0	0	0	0	0	0	0	0	0	47
WALTERS GARDENS INC.																
Patents By Year of Grant:	0	0	0	0	0	0	2	5	2	3	3	1	12	5	14	47
Patents By Year of Application:	0	0	0	0	2	4	2	2	3	4	7	6	13	4	0	47
PLANT SCIENCES, INC.																
Patents By Year of Grant:	17	0	0	0	2	7	0	1	1	2	9	2	1	1	1	44
Patents By Year of Application:	17	1	0	2	6	0	2	2	2	7	3	1	1	0	0	44
TERRA NIGRA HOLDING B.V.																
Patents By Year of Grant:	37	4	0	0	0	2	0	0	0	0	0	0	0	0	0	43
Patents By Year of Application:	41	0	0	2	0	0	0	0	0	0	0	0	0	0	0	43
Chrysanthemum Breeders Association Research B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	2	7	5	1	15	12	42
Patents By Year of Application:	0	0	0	0	0	0	0	0	9	5	2	15	7	4	0	42
VERWER DAHLIAS BV																
Patents By Year of Grant:	0	0	0	0	2	3	1	11	1	18	1	1	0	1	3	42
Patents By Year of Application:	0	0	0	2	4	0	12	9	9	1	1	0	4	0	0	42
KIEFT SEED HOLLAND																
Patents By Year of Grant:	0	0	0	24	12	4	0	0	0	0	0	0	0	0	0	40
Patents By Year of Application:	0	0	24	14	2	0	0	0	0	0	0	0	0	0	0	40
AmerInova Properties, LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	3	16	7	3	1	0	9	39
Patents By Year of Application:	0	0	0	0	0	0	1	9	11	7	1	1	7	2	0	39
BAY CITY FLOWER COMPANY, INC.																
Patents By Year of Grant:	13	0	1	0	1	1	1	0	0	3	2	3	5	2	4	36
Patents By Year of Application:	14	0	1	2	0	0	0	4	1	4	4	2	4	0	0	36
CORN. BAK B.V.																
Patents By Year of Grant:	15	0	2	4	0	1	1	0	3	1	0	3	4	0	2	36
Patents By Year of Application:	19	2	0	1	0	1	3	0	1	1	2	4	2	0	0	36

---- Organizational Patenting (Granted: Jan 01, 1989 - Dec 31, 2013) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre															
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
FUTURE PLANTS V.O.F.																
Patents By Year of Grant:	0	3	10	11	9	2	0	0	0	0	0	0	0	0	0	35
Patents By Year of Application:	14	9	2	8	2	0	0	0	0	0	0	0	0	0	0	35
BEGONIA BREEDERS ASSOC. B.V.																
Patents By Year of Grant:	10	0	0	0	1	1	3	2	4	1	6	1	3	1	1	34
Patents By Year of Application:	10	0	0	1	1	3	6	1	2	4	1	4	1	0	0	34
GARTENBAU UND SPEZIALKULTUREN WESTHOFF GBR																
Patents By Year of Grant:	0	0	1	2	0	0	0	0	0	0	19	3	7	1	0	33
Patents By Year of Application:	0	3	0	0	0	0	0	0	16	4	7	2	1	0	0	33
MONROVIA NURSERY CO.																
Patents By Year of Grant:	16	3	3	1	4	3	0	0	0	0	0	0	2	0	1	33
Patents By Year of Application:	22	1	2	3	1	1	0	0	0	0	1	1	0	1	0	33
NORTH CAROLINA STATE UNIVERSITY																
Patents By Year of Grant:	0	0	0	0	0	4	2	0	2	6	2	6	2	1	8	33
Patents By Year of Application:	0	0	0	4	2	2	1	5	2	2	6	3	6	0	0	33
AGRIOM B.V.																
Patents By Year of Grant:	1	0	0	0	0	0	0	3	1	7	9	1	0	1	9	32
Patents By Year of Application:	1	0	0	0	0	0	4	7	0	9	1	0	9	1	0	32
COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH																
Patents By Year of Grant:	1	0	1	11	6	4	2	4	2	0	1	0	0	0	0	32
Patents By Year of Application:	4	8	8	6	4	2	0	0	0	0	0	0	0	0	0	32
HORTECH, INC.																
Patents By Year of Grant:	1	0	0	1	0	0	0	0	0	1	0	0	11	1	17	32
Patents By Year of Application:	1	0	2	0	0	0	0	0	0	0	0	11	17	1	0	32
JACKSON & PERKINS CO.																
Patents By Year of Grant:	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32
Patents By Year of Application:	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32
KLEMM & SOHN																
Patents By Year of Grant:	24	7	0	1	0	0	0	0	0	0	0	0	0	0	0	32
Patents By Year of Application:	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32
SELECTION NEW PLANT SARL																
Patents By Year of Grant:	19	2	0	2	0	4	0	2	0	1	1	1	0	0	0	32
Patents By Year of Application:	22	1	0	0	4	2	0	1	1	1	0	0	0	0	0	32

---- Organizational Patenting (Granted: Jan 01, 1989 - Dec 31, 2013) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
BALL SEED CO., A DIVISION OF GEO. J. BALL, INC.																
Patents By Year of Grant:	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31
Patents By Year of Application:	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31
SUN WORLD INTERNATIONAL, INC.																
Patents By Year of Grant:	0	5	2	8	2	6	6	2	0	0	0	0	0	0	0	31
Patents By Year of Application:	7	0	10	0	8	6	0	0	0	0	0	0	0	0	0	31
OGLESBY PLANTS INTERNATIONAL, INC.																
Patents By Year of Grant:	6	1	7	4	3	2	1	0	0	0	0	0	0	0	6	30
Patents By Year of Application:	10	4	6	3	1	0	0	0	0	0	0	0	6	0	0	30
UNITED STATES OF AMERICA, DEPARTMENT OF AGRICULTURE																
Patents By Year of Grant:	4	0	0	8	0	3	1	2	0	0	3	2	2	1	4	30
Patents By Year of Application:	5	2	8	0	1	2	0	0	0	5	1	1	5	0	0	30
FA. GEER. VERWER																
Patents By Year of Grant:	10	9	2	7	1	0	0	0	0	0	0	0	0	0	0	29
Patents By Year of Application:	21	3	4	1	0	0	0	0	0	0	0	0	0	0	0	29
GEER. KOLSTER B.V.																
Patents By Year of Grant:	0	0	0	5	18	4	1	1	0	0	0	0	0	0	0	29
Patents By Year of Application:	0	0	17	6	4	2	0	0	0	0	0	0	0	0	0	29
SUNSHINE FOLIAGE WORLD																
Patents By Year of Grant:	23	2	1	0	1	0	0	0	2	0	0	0	0	0	0	29
Patents By Year of Application:	26	0	0	1	0	0	2	0	0	0	0	0	0	0	0	29
BLOOMS OF BRESSINGHAM LTD.																
Patents By Year of Grant:	14	4	2	4	1	3	0	0	0	0	0	0	0	0	0	28
Patents By Year of Application:	21	1	2	1	3	0	0	0	0	0	0	0	0	0	0	28
Beckenkamp Plants B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	2	0	3	1	13	9	28
Patents By Year of Application:	0	0	0	0	0	0	0	0	2	1	3	0	22	0	0	28
GOLDSMITH PLANTS, INC.																
Patents By Year of Grant:	0	10	5	13	0	0	0	0	0	0	0	0	0	0	0	28
Patents By Year of Application:	17	2	9	0	0	0	0	0	0	0	0	0	0	0	0	28
Kerry's Bromeliad Nursery, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	10	18	0	0	0	0	28
Patents By Year of Application:	0	0	0	0	0	0	0	0	28	0	0	0	0	0	0	28

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	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
KEISEI ROSE NURSERIES, INC.																
Patents By Year of Grant:	3	0	0	0	2	1	0	6	4	5	0	1	0	2	0	24
Patents By Year of Application:	3	0	2	1	0	0	9	2	4	1	0	2	0	0	0	24
SUNNY GRONNEGIDEN APS																
Patents By Year of Grant:	0	0	0	0	0	0	1	3	4	1	7	4	3	0	1	24
Patents By Year of Application:	0	0	0	0	0	4	4	0	8	1	3	3	1	0	0	24
Sun World International, LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	7	3	0	4	4	4	23
Patents By Year of Application:	0	0	0	0	0	0	0	7	2	2	3	5	3	1	0	23
Compass Plants B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	3	8	4	1	3	0	3	22
Patents By Year of Application:	0	0	0	0	0	0	3	0	8	4	4	0	3	0	0	22
ETS. GUILLOU FRERES																
Patents By Year of Grant:	20	0	0	2	0	0	0	0	0	0	0	0	0	0	0	22
Patents By Year of Application:	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22
GRUNEWALD VEREDLINGS B.V.																
Patents By Year of Grant:	0	0	0	0	0	5	1	0	6	0	1	8	1	0	0	22
Patents By Year of Application:	0	0	0	0	6	0	3	3	0	7	3	0	0	0	0	22
MAK 'T ZAND B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	2	5	10	0	2	0	0	3	0	22
Patents By Year of Application:	0	0	0	0	0	7	10	0	0	2	0	3	0	0	0	22
New Zealand Institute for Plant and Food Research, Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	3	6	7	4	2	22
Patents By Year of Application:	0	0	0	0	0	0	0	0	1	8	6	3	4	0	0	22
UNIVERSITY OF ARKANSAS																
Patents By Year of Grant:	9	0	3	4	0	1	1	0	0	0	0	2	0	2	0	22
Patents By Year of Application:	13	3	0	1	0	1	0	0	0	2	0	2	0	0	0	22
BULLIS BROMELIADS, INC.																
Patents By Year of Grant:	0	0	3	1	0	0	0	0	0	0	1	3	1	12	0	21
Patents By Year of Application:	1	2	1	0	0	0	0	0	1	0	4	12	0	0	0	21
Elsner PAC Jungpflanzen GbR																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	1	7	11	2	0	21
Patents By Year of Application:	0	0	0	0	0	0	0	0	1	7	3	9	1	0	0	21

(Granted: Jan 01, 1989 - Dec 31, 2013) ---- Ranked List of Organizations with 5 or More Patents ----

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	Pre																
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL	
Knaap Licenties B.V.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	4	4	3	5	0	1	0	17	
Patents By Year of Application:	0	0	0	0	0	0	4	3	2	5	2	1	0	0	0	17	
OMS INVESTMENTS, INC.																	
Patents By Year of Grant:	8	3	1	1	0	0	0	0	0	3	0	1	0	0	0	17	
Patents By Year of Application:	11	2	0	0	0	0	2	2	0	0	0	0	0	0	0	17	
OUTBACK PLANTS PTY. LTD.																	
Patents By Year of Grant:	2	4	3	1	1	0	0	0	0	0	1	2	2	1	0	17	
Patents By Year of Application:	6	3	1	1	0	0	0	0	0	2	1	2	1	0	0	17	
SHADY OAKS NURSERY, LLC																	
Patents By Year of Grant:	0	0	0	3	0	0	0	9	1	0	3	1	0	0	0	17	
Patents By Year of Application:	3	0	0	0	0	1	9	0	2	2	0	0	0	0	0	17	
AGRI OBTECTIONS S.A.																	
Patents By Year of Grant:	1	0	0	1	0	0	2	6	4	0	1	0	1	0	0	16	
Patents By Year of Application:	1	0	1	0	6	4	2	0	0	1	0	1	0	0	0	16	
AMERICAN FORESTRY TECHNOLOGIES, INC.																	
Patents By Year of Grant:	0	0	0	0	0	8	2	4	2	0	0	0	0	0	0	16	
Patents By Year of Application:	0	0	0	10	0	6	0	0	0	0	0	0	0	0	0	16	
ENTHOVEN BREEDING B.V.																	
Patents By Year of Grant:	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	
Patents By Year of Application:	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	
Ecke Geraniums LLC																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	1	4	7	3	0	1	16	
Patents By Year of Application:	0	0	0	0	0	0	0	0	1	9	4	1	1	0	0	16	
GESSELLSCHAFTSVERTRAG UBER DIE ERFINDERGEMEINSCHAFT "OPTI																	
Patents By Year of Grant:	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	
Patents By Year of Application:	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	
Gartneriet PKM A/S																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	3	1	4	4	3	0	16	
Patents By Year of Application:	0	0	0	0	0	0	0	1	4	1	4	6	0	0	0	16	
J. & H. Westhoff Interpel																	
Patents By Year of Grant:	0	0	0	0	0	0	0	5	7	3	1	0	0	0	0	16	
Patents By Year of Application:	0	0	0	0	0	0	10	3	3	0	0	0	0	0	0	16	

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	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
JOSEPH + LUC PIETERS BVBA																
Patents By Year of Grant:	0	0	0	0	3	2	1	1	0	0	0	0	2	6	1	16
Patents By Year of Application:	0	0	0	3	2	1	1	0	0	0	0	0	9	0	0	16
PLANT COMPANY																
Patents By Year of Grant:	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
Patents By Year of Application:	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
CALIFORNIA-FLORIDA PLANT CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	7	3	0	0	5	0	0	0	15
Patents By Year of Application:	0	0	0	0	0	0	10	0	0	0	5	0	0	0	0	15
INTERNATIONAL PLANT BREEDING AG																
Patents By Year of Grant:	11	0	0	0	4	0	0	0	0	0	0	0	0	0	0	15
Patents By Year of Application:	11	0	0	4	0	0	0	0	0	0	0	0	0	0	0	15
MOZANT LLC																
Patents By Year of Grant:	0	0	1	3	4	7	0	0	0	0	0	0	0	0	0	15
Patents By Year of Application:	1	3	8	3	0	0	0	0	0	0	0	0	0	0	0	15
SUNNY BORDER NURSERIES, INC.																
Patents By Year of Grant:	0	0	0	1	0	0	3	3	0	0	4	2	1	1	0	15
Patents By Year of Application:	1	0	0	0	0	6	0	0	2	2	2	1	0	1	0	15
VLETTER & DEN HAAN BEHEER B.V.																
Patents By Year of Grant:	2	0	0	2	0	2	5	4	0	0	0	0	0	0	0	15
Patents By Year of Application:	8	2	0	0	5	0	0	0	0	0	0	0	0	0	0	15
WILLI ENDISCH GBR																
Patents By Year of Grant:	0	0	0	0	0	0	7	2	0	5	0	1	0	0	0	15
Patents By Year of Application:	0	0	0	0	0	8	1	0	5	0	1	0	0	0	0	15
Aris Horticulture, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	2	1	0	11	14
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	3	0	10	1	0	14
C.I.V. CONSORZIO ITALIANO VIVAISTI - SOCIETA CONSORTILE A R.L.																
Patents By Year of Grant:	1	2	0	0	1	0	0	0	0	2	0	0	1	2	5	14
Patents By Year of Application:	3	0	1	0	0	0	0	1	1	0	1	0	7	0	0	14
INTERNATIONAL PLANT MANAGEMENT, INC.																
Patents By Year of Grant:	8	0	0	2	1	0	0	1	0	0	1	1	0	0	0	14
Patents By Year of Application:	8	2	1	0	0	1	0	0	0	2	0	0	0	0	0	14

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	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
Floranova Service Corp.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	8
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	4	4	0	0	0	8
G & G Breeding Corporation																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	5	3	0	0	0	0	0	8
Patents By Year of Application:	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	8
Graff Breeding A/S																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	1	1	2	4	8
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	2	2	4	0	0	8
Green Works International B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	4	3	1	0	0	0	0	0	0	8
Patents By Year of Application:	0	0	0	0	0	6	2	0	0	0	0	0	0	0	0	8
HEAD ORNAMENTALS, INC.																
Patents By Year of Grant:	0	0	1	1	0	1	0	0	1	2	0	2	0	0	0	8
Patents By Year of Application:	1	0	1	1	0	0	1	2	0	2	0	0	0	0	0	8
HILVERDA B.V.																
Patents By Year of Grant:	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Patents By Year of Application:	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Handelskwekerij Verheijen vof.																
Patents By Year of Grant:	0	0	0	0	0	0	0	5	1	2	0	0	0	0	0	8
Patents By Year of Application:	0	0	0	0	0	1	5	2	0	0	0	0	0	0	0	8
INSTITUTE OF EXPERIMENTAL BOTANY																
Patents By Year of Grant:	0	0	0	0	0	0	3	0	0	3	0	2	0	0	0	8
Patents By Year of Application:	0	0	0	0	1	2	0	3	0	0	2	0	0	0	0	8
International Fruit Genetics, LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	2	0	1	0	5	8
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	2	1	0	5	0	0	8
K. Sahin Zaden B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	0	0	5	2	0	0	8
Patents By Year of Application:	0	0	0	0	0	0	0	1	0	5	0	2	0	0	0	8
LACEBARK, INC.																
Patents By Year of Grant:	0	0	0	0	1	2	0	3	0	0	0	0	0	0	2	8
Patents By Year of Application:	0	0	0	2	1	2	1	0	0	0	0	0	2	0	0	8

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	Pre																
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL	
O. M. SCOTT AND SONS COMPANY																	
Patents By Year of Grant:	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	
Patents By Year of Application:	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	
PRIDE OF PLACE PLANTS, INC.																	
Patents By Year of Grant:	2	0	0	2	0	3	1	0	0	0	0	0	0	0	0	8	
Patents By Year of Application:	3	1	1	3	0	0	0	0	0	0	0	0	0	0	0	8	
Plants Nouveau a division of Treadwell Palmer International, Inc.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	8	
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	6	2	0	0	0	8	
Ramm Botanicals Holdings Pty. Ltd.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	3	0	3	2	0	0	0	8	
Patents By Year of Application:	0	0	0	0	0	0	0	3	0	4	1	0	0	0	0	8	
SUNNY OSTEOSPERMUM APS																	
Patents By Year of Grant:	0	0	0	0	0	0	0	5	3	0	0	0	0	0	0	8	
Patents By Year of Application:	0	0	0	0	0	3	5	0	0	0	0	0	0	0	0	8	
Sakata Ornamentals Europe A/S																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	3	1	2	0	2	0	8	
Patents By Year of Application:	0	0	0	0	0	0	0	0	3	1	2	2	0	0	0	8	
UNIVERSITY OF TENNESSEE RESEARCH CORPORATION																	
Patents By Year of Grant:	5	0	0	3	0	0	0	0	0	0	0	0	0	0	0	8	
Patents By Year of Application:	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	8	
AB Breeding																	
Patents By Year of Grant:	0	0	0	0	0	0	0	5	0	0	2	0	0	0	0	7	
Patents By Year of Application:	0	0	0	0	0	0	5	0	0	2	0	0	0	0	0	7	
Amazing Breeders Company B.V.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	5	0	2	0	7	
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	3	2	2	0	0	0	7	
DEROOSE PLANTS BVBA																	
Patents By Year of Grant:	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	7	
Patents By Year of Application:	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	
De Zonnebloem Breeding B.V.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	2	2	1	2	7	
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	2	2	1	2	0	0	7	

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---- Organizational Patenting (Granted: Jan 01, 1989 - Dec 31, 2013) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
ESTABLISSEMENTS BARBERAT ET BLANC, LABORATOIRE DE PHYSIOLOGI																
Patents By Year of Grant:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Patents By Year of Application:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Florensis Hamer CS																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	6
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	4	2	0	0	0	0	6
GEBR. MAN C.V.																
Patents By Year of Grant:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Patents By Year of Application:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
J. Van Zoest Beheer B.V.																
Patents By Year of Grant:	0	0	0	0	1	0	0	0	0	0	0	0	0	0	5	6
Patents By Year of Application:	0	0	0	1	0	0	0	0	0	0	0	0	1	4	0	6
K.S.G'S FARM & NURSERY																
Patents By Year of Grant:	0	0	0	0	0	0	1	0	0	0	1	0	0	1	3	6
Patents By Year of Application:	0	0	0	0	0	1	0	0	0	1	0	0	4	0	0	6
KOALA BLOOMS PTY. LTD.																
Patents By Year of Grant:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Patents By Year of Application:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Koning Smit Holding N.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	1	0	1	3	0	0	0	6
Patents By Year of Application:	0	0	0	0	0	0	2	0	0	4	0	0	0	0	0	6
LAKE AREA NURSERY, INC.																
Patents By Year of Grant:	1	0	1	1	0	1	1	0	1	0	0	0	0	0	0	6
Patents By Year of Application:	1	1	1	0	1	1	0	1	0	0	0	0	0	0	0	6
MEILLAND INTERNATIONAL S.A.																
Patents By Year of Grant:	0	0	0	0	0	0	1	0	0	4	0	0	0	0	1	6
Patents By Year of Application:	0	0	0	0	1	0	0	3	1	0	0	0	0	1	0	6
MENDEL BIOTECHNOLOGY, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	6
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	3	0	2	1	0	6
MICROFLOR N.V.																
Patents By Year of Grant:	0	0	0	0	2	0	0	1	0	0	3	0	0	0	0	6
Patents By Year of Application:	0	0	0	2	0	0	1	0	0	3	0	0	0	0	0	6

---- Organizational Patenting (Granted: Jan 01, 1989 - Dec 31, 2013) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre															
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
MITSUWA NURSERY, INC.																
Patents By Year of Grant:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Patents By Year of Application:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
NOVARTIS SEEDS B.V.																
Patents By Year of Grant:	3	1	0	2	0	0	0	0	0	0	0	0	0	0	0	6
Patents By Year of Application:	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	6
OKANAGAN PLANT IMPROVEMENT CO.LTD.																
Patents By Year of Grant:	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Patents By Year of Application:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
P. C. M. Olsthoorn Holding BV																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	5	0	0	0	0	0	6
Patents By Year of Application:	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	6
PANORAMA ROSES N.V.																
Patents By Year of Grant:	3	1	0	1	0	0	1	0	0	0	0	0	0	0	0	6
Patents By Year of Application:	4	1	0	0	1	0	0	0	0	0	0	0	0	0	0	6
PENN STATE RESEARCH FOUNDATION, INC.																
Patents By Year of Grant:	1	1	1	1	0	0	1	0	0	1	0	0	0	0	0	6
Patents By Year of Application:	3	0	1	0	0	1	0	0	1	0	0	0	0	0	0	6
PLANTENKWEKERIJ J. VAN GEEST, B.V.																
Patents By Year of Grant:	1	1	0	2	0	0	2	0	0	0	0	0	0	0	0	6
Patents By Year of Application:	2	2	0	0	0	2	0	0	0	0	0	0	0	0	0	6
POULSEN ROSER INTERNATIONAL S.A.R.L.																
Patents By Year of Grant:	5	0	0	1	0	0	0	0	0	0	0	0	0	0	0	6
Patents By Year of Application:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Prevar Limited																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	2	0	1	0	3	0	0	6
Patents By Year of Application:	0	0	0	0	0	2	0	1	0	0	1	2	0	0	0	6
Ron Van Dijk Consultancy B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	6
SNC ELARIS																
Patents By Year of Grant:	0	0	0	0	0	0	1	1	0	2	0	1	1	0	0	6
Patents By Year of Application:	0	0	0	0	1	1	0	2	0	2	0	0	0	0	0	6

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(Granted: Jan 01, 1989 - Dec 31, 2013) ---- Ranked List of Organizations with 5 or More Patents ----

[illegible]

---- Organizational Patenting (Granted: Jan 01, 1989 - Dec 31, 2013) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
SCOTTISH CROP RESEARCH INSTITUTE																
Patents By Year of Grant:	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
STARK BROTHERS NURSERIES & ORCHARDS COMPANY																
Patents By Year of Grant:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
UNIVERSITY OF HAWAII																
Patents By Year of Grant:	2	0	0	3	0	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
UNIVERSITY OF MARYLAND																
Patents By Year of Grant:	0	0	1	1	1	0	1	0	0	1	0	0	0	0	0	5
Patents By Year of Application:	2	0	1	0	1	0	0	1	0	0	0	0	0	0	0	5
Vermont Organics Reclamation Inc																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5
WEYERHAEUSER COMPANY																
Patents By Year of Grant:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
WIESMOOR-GARTNEREI UND BAUMSCHULE GMBH																
Patents By Year of Grant:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
YOVAL AGRICULTURAL PRODUCTS LTD.																
Patents By Year of Grant:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
ZESPRI GROUP LIMITED																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	1	4	0	0	5
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	1	1	3	0	0	0	5
Other Organizations (757)																
Patents By Year of Grant:	377	38	39	92	53	61	53	60	63	66	62	89	53	51	89	1246
Patents By Year of Application:	473	45	57	59	62	71	68	46	73	68	66	60	75	23	0	1246