

PLANT PATENTS

JANUARY 1, 1977 -- DECEMBER 31, 2008



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

Plant Patents Report 1/1/1977 - 12/31/2008 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, 1977** and **December 31, 2008**. 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 1995**" column corresponds to the period **January 1, 1977** through **December 31, 1994**.

Part B

Part B of this report distributes patent GRANT data for organizations that have received U.S. patents since 1977. 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 (ROUGHLY 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 32 months, the patented application data for the most recent years are incomplete.* This is because a significant number of the applications filed in the most recent years, which will ultimately become patents, were still pending in **December 2008**. Since they had not yet become patents at the time this report was prepared, they were not included in this report.

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.

----- 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 this category. While U.S. Government patent ownership includes only patents granted to the Federal Government, no similar distinction is made for Foreign Government 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 1977. 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 on 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.

* As of **December 31, 2008**, UTILITY patent application data (most issued patent documents are utility patents) were approximately 98% complete for 2000 filings, 93% complete for 2001 filings, 90% complete for 2002 filings, 78% complete for 2003 filings, 60% complete for 2004 filings, 37% complete for 2005 filings, and 17% complete for 2006 filings. Data were essentially complete for applications filed prior to 2000. 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, 1977 - Dec 31, 2008) ----

	NUMBER OF PATENTS															
	Pre 1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	Total
Total	5012	387	362	394	561	420	548	584	1133	994	1016	716	1149	1047	1240	15563
U.S. Origin	3178	201	183	230	245	200	232	372	518	395	428	236	430	364	433	7645
Foreign Origin	1834	186	179	164	316	220	316	212	615	599	588	480	719	683	807	7918
NETHERLANDS	446	34	41	29	71	65	102	57	218	162	211	141	212	221	265	2275
GERMANY	523	44	48	34	62	53	70	22	145	166	100	80	98	131	176	1752
DENMARK	55	16	27	9	40	11	24	21	79	25	74	74	71	57	48	631
UNITED KINGDOM	171	16	8	22	24	20	35	9	35	42	41	38	69	50	43	623
JAPAN	60	13	9	6	20	12	16	23	30	68	49	54	84	65	87	596
FRANCE	237	16	18	27	27	10	9	4	26	13	8	11	23	26	38	493
AUSTRALIA	38	3	7	14	13	11	15	25	27	25	26	32	45	34	63	378
ISRAEL	48	21	7		12	6	3	14	8	18	15	3	38	23	19	235
BELGIUM	27	3	2	4	20	5	12	6	10	38	16	3	25	13	7	191
NEW ZEALAND	60	4	2	2	4	9	11	4	7	12	20	10	4	13	18	180
COSTA RICA	43	6	5		4	2	1	9	5	4	10	10	19	7	5	130
CANADA	39	7		15	8	6	10	7	5	5	1	3	5	8	10	129
ITALY	30	1	2		1	1	2		1	2	1			1	6	48
INDIA					2	1		1	12	7	4	3	5	8		43
SOUTH AFRICA	1				6	1		4	1	4	1	5	5	3	1	32
SPAIN	7		2			1	1	1		1	6	2	3		2	26
AUSTRIA	17													3		20
SWITZERLAND	13								1	2				2	1	19
SWEDEN	6		1		1	1	1	1					1			12
BRAZIL							2		1				1	5	3	12
INDONESIA											2	1	1	2	6	12
CZECH REPUBLIC												3	2	1	6	12
COLOMBIA	6	1							1							8
KOREA, SOUTH						2	1	3	1						1	8
ARGENTINA	2			1									1	2		6
RUSSIAN FEDERATION												4	2			6
THAILAND									1	2			1		1	5
HONDURAS	1			1						1		1				4
MEXICO						1	1		1					1		4
IRELAND		1									1		2			4
CHILE											2		1			4
TAIWAN	2											1	1			4
HUNGARY														4		4
ECUADOR										2						2
CHINA, PEOPLE'S REPUB														1	1	2
PHILIPPINES						1										1
Others (7)	2				1	1		1					1	1		7
Ownership:																
U.S. Corporations	2650	200	163	198	237	167	246	321	454	321	414	241	403	358	390	6763
U.S. Government	1			2		1			8		3	1	2			18
U.S. Individuals	1138	59	55	73	74	65	48	89	118	102	72	60	89	66	123	2231
Foreign Corporations	837	104	116	98	199	149	207	134	409	440	443	369	538	522	580	5145
Foreign Government	19	5		5	1	2	4	4	1	1			7	4	3	56
Foreign Individuals	367	19	28	18	50	36	43	36	143	130	84	45	110	97	144	1350

---- Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1977 - Dec 31, 2008) ----

	PERCENT OF PATENTS															
	Pre 1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	Total
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	63	52	51	58	44	48	42	64	46	40	42	33	37	35	35	49
Foreign Origin	37	48	49	42	56	52	58	36	54	60	58	67	63	65	65	51
NETHERLANDS	9	9	11	7	13	15	19	10	19	16	21	20	18	21	21	15
GERMANY	10	11	13	9	11	13	13	4	13	17	10	11	9	13	14	11
DENMARK	1	4	7	2	7	3	4	4	7	3	7	10	6	5	4	4
UNITED KINGDOM	3	4	2	6	4	5	6	2	3	4	4	5	6	5	3	4
JAPAN	1	3	2	2	4	3	3	4	3	7	5	8	7	6	7	4
FRANCE	5	4	5	7	5	2	2	1	2	1	1	2	2	2	3	3
AUSTRALIA	1	1	2	4	2	3	3	4	2	3	3	4	4	3	5	2
ISRAEL	1	5	2		2	1	1	2	1	2	1		3	2	2	2
BELGIUM	1	1	1	1	4	1	2	1	1	4	2		2	1	1	1
NEW ZEALAND	1	1	1	1	1	2	2	1	1	1	2	1		1	1	1
COSTA RICA	1	2	1		1			2			1	1	2	1		1
CANADA	1	2		4	1	1	2	1		1				1	1	1
ITALY	1		1													0
INDIA									1	1				1		0
SOUTH AFRICA					1			1				1				0
SPAIN			1								1					0
AUSTRIA																0
SWITZERLAND																0
SWEDEN																0
BRAZIL																0
INDONESIA																0
CZECH REPUBLIC																0
COLOMBIA																0
KOREA, SOUTH								1								0
ARGENTINA																0
RUSSIAN FEDERATION												1				0
THAILAND																0
HONDURAS																0
MEXICO																0
IRELAND																0
CHILE																0
TAIWAN																0
HUNGARY																0
ECUADOR																0
CHINA, PEOPLE'S REPUB																0
PHILIPPINES																0
Others (7)																0
Ownership:																
U.S. Corporations	53	52	45	50	42	40	45	55	40	32	41	34	35	34	31	43
U.S. Government				1					1							0
U.S. Individuals	23	15	15	19	13	15	9	15	10	10	7	8	8	6	10	14
Foreign Corporations	17	27	32	25	35	35	38	23	36	44	44	52	47	50	47	33
Foreign Government		1		1			1	1				1				0
Foreign Individuals	7	5	8	5	9	9	8	6	13	13	8	6	10	9	12	9

Part A2

Patent Grants As Distributed By Year of Patent Application

---- Patents Granted By Date Of Patent Application (Granted: Jan 01, 1977 - Dec 31, 2008) ----

	NUMBER OF PATENTED APPLICATIONS															
	Pre 1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	Total
Total	5452	431	624	623	585	618	614	902	947	899	1113	1204	977	532	42	15563
U.S. Origin	3420	218	316	266	274	349	283	429	398	351	382	445	338	169	7	7645
Foreign Origin	2032	213	308	357	311	269	331	473	549	548	731	759	639	363	35	7918
NETHERLANDS	482	47	58	89	99	96	117	133	166	166	221	264	223	106	8	2275
GERMANY	571	52	47	88	79	31	50	112	161	83	117	126	137	91	7	1752
DENMARK	71	27	35	26	24	43	23	40	28	86	109	51	44	24		631
UNITED KINGDOM	187	11	33	33	36	7	27	34	36	54	35	76	41	13		623
JAPAN	71	15	26	15	9	34	21	38	51	55	77	70	60	48	6	596
FRANCE	254	21	38	17	15	6	22	12	4	25	19	22	21	13	4	493
AUSTRALIA	42	8	21	21	10	15	16	27	26	18	60	34	52	28		378
ISRAEL	73	3	12	8	2	13	17	7	12	5	18	33	17	7	8	235
BELGIUM	33	3	15	10	10	6	9	25	26	8	7	24	10	5		191
NEW ZEALAND	65	2	6	18	3	2	1	14	7	20	14	9	12	7		180
COSTA RICA	46	8		7		5	8	2	8	3	26	12	2	3		130
CANADA	46	9	11	9	10	6	4	7	3	2	8	3	5	6		129
ITALY	31	2	2		2		1	3				2	4	1		48
INDIA				3	2	1	7	9	7	4	3	7				43
SOUTH AFRICA	1	1	4	2	2	2	2	3	2	4	4	3	2			32
SPAIN	7	2		1	1	1		1	6	5				2		26
AUSTRIA	17											2	1			20
SWITZERLAND	13						1	1	1	1		2				19
SWEDEN	7			2	1	1						1				12
BRAZIL					2		1					5	2		2	12
INDONESIA										1	3	2		6		12
CZECH REPUBLIC										1	2	3	6			12
COLOMBIA	7							1								8
KOREA, SOUTH				3	4										1	8
ARGENTINA	2	1						1		2						6
RUSSIAN FEDERATION									4		2					6
THAILAND							1	1	1		1			1		5
MEXICO				2				1			1					4
HONDURAS	1	1						1		1						4
IRELAND	1									1		2				4
CHILE										3		1				4
TAIWAN	2										2					4
HUNGARY												4				4
CHINA, PEOPLE'S REPUB											1			1		2
ECUADOR							2									2
LEBANON	1															1
Others (7)	1			3			1				1	1				7
Ownership:																
U.S. Corporations	2876	191	293	239	273	305	268	344	341	339	379	444	308	161	2	6763
U.S. Government	1	1	1	1		1	2	8		1	2					18
U.S. Individuals	1198	77	93	89	67	81	71	110	82	71	84	84	78	39	7	2231
Foreign Corporations	964	130	191	212	219	164	207	322	437	404	563	553	494	268	17	5145
Foreign Government	24	2	4	3	4	3		2			10	2		2		56
Foreign Individuals	389	30	42	79	22	64	66	116	87	84	75	121	97	62	16	1350

---- Patents Granted By Date Of Patent Application (Granted: Jan 01, 1977 - Dec 31, 2008) ----

	PERCENT OF PATENTED APPLICATIONS															
	Pre 1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	Total
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	63	51	51	43	47	56	46	48	42	39	34	37	35	32	17	49
Foreign Origin	37	49	49	57	53	44	54	52	58	61	66	63	65	68	83	51
NETHERLANDS	9	11	9	14	17	16	19	15	18	18	20	22	23	20	19	15
GERMANY	10	12	8	14	14	5	8	12	17	9	11	10	14	17	17	11
DENMARK	1	6	6	4	4	7	4	4	3	10	10	4	5	5		4
UNITED KINGDOM	3	3	5	5	6	1	4	4	4	6	3	6	4	2		4
JAPAN	1	3	4	2	2	6	3	4	5	6	7	6	6	9	14	4
FRANCE	5	5	6	3	3	1	4	1		3	2	2	2	2	10	3
AUSTRALIA	1	2	3	3	2	2	3	3	3	2	5	3	5	5		2
ISRAEL	1	1	2	1		2	3	1	1	1	2	3	2	1	19	2
BELGIUM	1	1	2	2	2	1	1	3	3	1	1	2	1	1		1
NEW ZEALAND	1		1	3	1			2	1	2	1	1	1	1		1
COSTA RICA	1	2		1		1	1		1		2	1		1		1
CANADA	1	2	2	1	2	1	1	1			1		1	1		1
ITALY	1															0
INDIA							1	1	1			1				0
SOUTH AFRICA			1													0
SPAIN									1	1						0
AUSTRIA																0
SWITZERLAND																0
SWEDEN																0
BRAZIL															5	0
INDONESIA														1		0
CZECH REPUBLIC													1			0
COLOMBIA																0
KOREA, SOUTH					1											0
ARGENTINA																0
RUSSIAN FEDERATION																0
THAILAND																0
MEXICO																0
HONDURAS																0
IRELAND																0
CHILE																0
TAIWAN																0
HUNGARY																0
CHINA, PEOPLE'S REPUB																0
ECUADOR																0
LEBANON																0
Others (7)																0
Ownership:																
U.S. Corporations	53	44	47	38	47	49	44	38	36	38	34	37	32	30	5	43
U.S. Government								1								0
U.S. Individuals	22	18	15	14	11	13	12	12	9	8	8	7	8	7	17	14
Foreign Corporations	18	30	31	34	37	27	34	36	46	45	51	46	51	50	40	33
Foreign Government			1		1						1					0
Foreign Individuals	7	7	7	13	4	10	11	13	9	9	7	10	10	12	38	9

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, 1977 - Dec 31, 2008) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre																
	1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL	
YODER BROTHERS, INC.																	
Patents By Year of Grant:	373	22	29	36	26	22	14	77	87	41	42	19	53	71	46	958	
Patents By Year of Application:	408	23	40	35	15	55	41	76	34	31	47	98	36	19	0	958	
PAUL ECKE RANCH, INC.																	
Patents By Year of Grant:	78	16	1	14	26	12	24	31	23	7	0	10	11	14	15	282	
Patents By Year of Application:	94	4	22	19	33	32	4	17	7	0	13	13	18	6	0	282	
BEAR CREEK GARDENS, INC.																	
Patents By Year of Grant:	114	29	17	4	15	29	53	2	0	0	0	0	0	0	0	263	
Patents By Year of Application:	143	12	18	29	49	12	0	0	0	0	0	0	0	0	0	263	
FLORFIS AG																	
Patents By Year of Grant:	32	14	11	5	7	6	3	7	57	18	15	9	25	11	13	233	
Patents By Year of Application:	50	10	8	8	9	9	16	39	12	15	24	10	23	0	0	233	
BALL HORTICULTURAL COMPANY																	
Patents By Year of Grant:	0	0	0	13	5	0	0	0	2	1	41	18	58	34	53	225	
Patents By Year of Application:	0	0	18	0	0	1	1	1	3	54	45	49	32	21	0	225	
POULSEN ROSER A/S																	
Patents By Year of Grant:	0	0	0	0	10	5	19	2	2	3	45	55	38	25	14	218	
Patents By Year of Application:	0	0	0	15	20	4	1	1	9	65	64	12	26	1	0	218	
CONARD-PYLE COMPANY																	
Patents By Year of Grant:	168	10	16	14	7	1	0	0	0	0	0	0	0	0	0	216	
Patents By Year of Application:	178	18	13	7	0	0	0	0	0	0	0	0	0	0	0	216	
SYNGENTA SEEDS B.V.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	6	6	4	12	13	45	52	71	209	
Patents By Year of Application:	0	0	0	0	0	2	5	5	4	20	24	55	78	14	2	209	
GOLDSMITH SEEDS, INC.																	
Patents By Year of Grant:	16	6	0	0	2	3	0	1	0	27	27	44	35	24	14	199	
Patents By Year of Application:	21	1	2	3	1	0	0	0	9	44	52	34	21	11	0	199	
CHRYSANTHEMUM BREEDERS ASSOCIATION N.V.																	
Patents By Year of Grant:	41	0	0	3	3	0	9	1	37	11	47	11	19	2	3	187	
Patents By Year of Application:	41	0	6	0	11	4	34	8	36	5	34	7	1	0	0	187	
TERRA-NOVA NURSERIES, INC.																	
Patents By Year of Grant:	3	0	0	0	1	2	12	9	30	12	12	12	33	22	32	180	
Patents By Year of Application:	3	0	0	2	13	12	10	19	11	11	18	33	30	18	0	180	

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2008) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre															
	1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
DRISCOLL STRAWBERRY ASSOCIATES INC.																
Patents By Year of Grant:	23	1	0	0	3	1	6	1	5	6	15	4	2	3	7	77
Patents By Year of Application:	24	0	2	6	2	3	3	7	13	5	3	3	5	1	0	77
GESSELLSCHAFTSVERTRAG UBER DIE ERFINDERGEMEINSCHAFT "OPTI																
Patents By Year of Grant:	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	77
Patents By Year of Application:	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	77
ELSNER PAC JUNGPFANZEN																
Patents By Year of Grant:	0	0	0	2	4	1	1	0	10	13	3	2	20	12	7	75
Patents By Year of Application:	0	2	4	2	0	0	13	1	13	4	1	26	4	5	0	75
RIJNPLANT																
Patents By Year of Grant:	0	0	0	0	3	9	13	8	16	2	13	6	1	0	1	72
Patents By Year of Application:	0	0	2	4	17	9	3	14	2	9	10	1	1	0	0	72
PLANT 21 LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	5	19	18	6	12	10	70
Patents By Year of Application:	0	0	0	0	0	0	0	5	0	20	19	16	5	5	0	70
DE RUITER'S NIEUWE ROZEN B.V.																
Patents By Year of Grant:	22	5	9	0	10	7	3	0	5	0	4	3	1	0	0	69
Patents By Year of Application:	25	11	4	13	3	0	5	1	1	5	1	0	0	0	0	69
DUMMEN JUNGPFANZENKULTUREN																
Patents By Year of Grant:	0	0	19	6	0	6	17	1	18	0	0	0	0	0	0	67
Patents By Year of Application:	0	20	6	0	21	1	8	7	4	0	0	0	0	0	0	67
KNUD JEPSEN A/S																
Patents By Year of Grant:	0	0	4	0	6	0	3	9	3	4	13	5	3	11	6	67
Patents By Year of Application:	0	4	5	1	3	4	0	8	4	14	9	6	8	1	0	67
LABORATOIRE DE PHYSIOLOGIE VEGETALE DE LA LONDE																
Patents By Year of Grant:	65	1	0	0	0	0	0	0	0	0	0	0	0	0	0	66
Patents By Year of Application:	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
CALIFORNIA FLORIDA PLANT COMPANY L.P.																
Patents By Year of Grant:	32	5	0	4	8	0	0	6	0	0	8	0	0	0	0	63
Patents By Year of Application:	37	0	12	0	6	0	0	0	8	0	0	0	0	0	0	63
PIETERS PLANT PRODUCTION, BVBA																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	30	10	0	13	9	1	63
Patents By Year of Application:	0	0	0	0	0	0	0	21	16	3	0	15	8	0	0	63

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2008) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre																
	1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL	
NUFLORA INTERNATIONAL PTY. LTD.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	9	12	13	13	7	1	7	62	
Patents By Year of Application:	0	0	0	0	0	0	0	10	14	3	23	4	7	1	0	62	
GEORGE J. BALL, INC.																	
Patents By Year of Grant:	27	12	22	0	0	0	0	0	0	0	0	0	0	0	0	61	
Patents By Year of Application:	39	22	0	0	0	0	0	0	0	0	0	0	0	0	0	61	
SUNTORY LTD.																	
Patents By Year of Grant:	5	7	3	3	10	10	4	6	0	10	0	0	0	0	0	58	
Patents By Year of Application:	8	10	11	9	4	8	0	6	2	0	0	0	0	0	0	58	
ARMSTRONG NURSERIES, INC.																	
Patents By Year of Grant:	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57	
Patents By Year of Application:	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57	
BALL PANAM PLANT COMPANY																	
Patents By Year of Grant:	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56	
Patents By Year of Application:	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56	
FUTURE PLANTS LICENTIE B.V.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	2	7	1	4	30	11	55	
Patents By Year of Application:	0	0	0	0	0	0	0	0	2	7	1	28	16	1	0	55	
RUTGERS UNIVERSITY																	
Patents By Year of Grant:	29	2	0	0	0	0	3	0	0	0	2	1	3	6	9	55	
Patents By Year of Application:	31	0	0	0	3	0	0	0	2	3	0	2	12	2	0	55	
TWYFORD INTERNATIONAL, INC.																	
Patents By Year of Grant:	7	3	8	9	2	1	0	0	8	6	5	2	1	3	0	55	
Patents By Year of Application:	11	9	8	2	0	0	2	6	8	2	4	3	0	0	0	55	
BURCHELL NURSERY, INC.																	
Patents By Year of Grant:	5	0	0	0	1	1	0	2	10	12	9	4	6	2	0	52	
Patents By Year of Application:	5	0	0	2	0	7	3	5	10	11	6	3	0	0	0	52	
HINES NURSERIES INC.																	
Patents By Year of Grant:	4	1	0	0	0	0	0	9	5	8	10	6	4	5	0	52	
Patents By Year of Application:	5	0	0	0	0	10	9	1	12	2	9	4	0	0	0	52	
VAN ZANTEN PLANTS B.V.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	17	7	9	0	10	7	50	
Patents By Year of Application:	0	0	0	0	0	0	2	0	15	12	5	8	4	1	3	50	

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2008) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
FIDES GOLDSTOCK BREEDING B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	4	13	2	9	9	11	0	0	48
Patents By Year of Application:	0	0	0	0	0	0	8	8	3	7	22	0	0	0	0	48
BAILEY NURSERIES, INC.																
Patents By Year of Grant:	5	0	0	1	1	1	0	2	2	2	4	9	13	3	4	47
Patents By Year of Application:	5	0	1	1	1	2	2	2	3	3	19	1	4	3	0	47
INNOVAPLANT GMBH & CO. KG																
Patents By Year of Grant:	0	0	0	0	2	1	1	3	1	13	0	1	4	16	5	47
Patents By Year of Application:	0	0	2	0	2	2	2	0	13	0	2	18	1	5	0	47
JOSEF & HEINRICH WESTHOFF GARTENBAU-SPEZIALKULTUREN																
Patents By Year of Grant:	0	0	0	0	0	0	3	1	7	5	16	13	2	0	0	47
Patents By Year of Application:	0	0	0	0	3	2	2	4	7	5	24	0	0	0	0	47
MONROVIA NURSERY CO.																
Patents By Year of Grant:	24	0	2	2	2	3	3	3	1	4	3	0	0	0	0	47
Patents By Year of Application:	24	2	4	4	4	1	1	2	3	1	1	0	0	0	0	47
WITTEMAN + CO.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	7	5	10	13	12	47
Patents By Year of Application:	0	0	0	0	0	0	0	0	3	4	7	13	9	11	0	47
TERRA NIGRA HOLDING B.V.																
Patents By Year of Grant:	22	5	0	9	0	1	4	0	0	0	2	0	0	0	0	43
Patents By Year of Application:	27	4	5	0	5	0	0	0	2	0	0	0	0	0	0	43
ESMERALDA BREEDING B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	13	6	5	6	12	42
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	9	15	1	8	9	0	42
PLANT DEVELOPMENT SERVICES INC.																
Patents By Year of Grant:	0	0	0	0	0	1	4	12	3	6	4	3	4	3	2	42
Patents By Year of Application:	0	0	1	0	6	6	5	3	4	5	7	2	3	0	0	42
SPRING MEADOW NURSERY, INC.																
Patents By Year of Grant:	0	0	0	0	1	2	0	2	7	1	5	8	7	5	4	42
Patents By Year of Application:	0	0	0	2	1	2	5	2	3	3	11	8	4	1	0	42
KIEFT SEED HOLLAND																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	24	12	4	0	0	0	0	40
Patents By Year of Application:	0	0	0	0	0	0	0	24	14	2	0	0	0	0	0	40

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2008) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
FLORIDA FOUNDATION SEED PRODUCERS, INC.																
Patents By Year of Grant:	2	4	2	2	1	0	0	1	6	3	12	0	3	1	2	39
Patents By Year of Application:	8	1	2	0	0	4	1	4	9	5	3	2	0	0	0	39
DEKKER BREEDING, B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	3	0	2	3	6	19	5	38
Patents By Year of Application:	0	0	0	0	0	0	3	0	0	2	9	13	6	5	0	38
KLEMM & SOHN																
Patents By Year of Grant:	26	2	0	0	0	0	7	0	1	0	0	0	0	0	0	36
Patents By Year of Application:	28	0	0	0	5	3	0	0	0	0	0	0	0	0	0	36
VERWER DAHLIAS BV																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	2	3	1	11	1	18	36
Patents By Year of Application:	0	0	0	0	0	0	0	0	2	4	0	12	9	9	0	36
W. KORDES' SOHNE ROSENSCHULEN GMBH & CO KG																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	2	6	4	8	6	10	36
Patents By Year of Application:	0	0	0	0	0	0	0	4	3	6	1	12	1	4	5	36
FUTURE PLANTS V.O.F.																
Patents By Year of Grant:	0	0	0	0	0	0	3	10	11	9	2	0	0	0	0	35
Patents By Year of Application:	0	0	0	0	3	11	9	2	8	2	0	0	0	0	0	35
OGLEVEE ASSOCIATES, INC.																
Patents By Year of Grant:	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34
Patents By Year of Application:	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34
CORNELL RESEARCH FOUNDATION INC.																
Patents By Year of Grant:	13	0	1	0	0	7	0	2	1	2	0	0	5	1	1	33
Patents By Year of Application:	14	0	0	7	2	1	0	4	0	0	2	2	1	0	0	33
STARK BROTHERS NURSERIES & ORCHARDS COMPANY																
Patents By Year of Grant:	31	2	0	0	0	0	0	0	0	0	0	0	0	0	0	33
Patents By Year of Application:	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33
UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC.																
Patents By Year of Grant:	0	0	0	2	0	0	2	0	3	0	1	2	8	8	7	33
Patents By Year of Application:	0	2	0	1	1	0	3	0	2	3	1	12	7	1	0	33
Fides B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	13	19	32
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	5	19	8	0	32

---- Organizational Patenting

(Granted: Jan 01, 1977 - Dec 31, 2008) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre															
	1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
SEQUOIA NURSERY																
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
BALL SEED CO., A DIVISION OF GEO. J. BALL, INC.																
Patents By Year of Grant:	25	6	0	0	0	0	0	0	0	0	0	0	0	0	0	31
Patents By Year of Application:	28	3	0	0	0	0	0	0	0	0	0	0	0	0	0	31
COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH																
Patents By Year of Grant:	0	0	0	0	0	1	0	1	11	6	4	2	4	2	0	31
Patents By Year of Application:	0	0	0	1	2	1	7	8	6	4	2	0	0	0	0	31
SUN WORLD INTERNATIONAL, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	5	2	8	2	6	6	2	0	0	31
Patents By Year of Application:	0	0	0	1	6	0	0	10	0	8	6	0	0	0	0	31
PLANT SCIENCES, INC.																
Patents By Year of Grant:	9	0	1	4	1	2	0	0	0	2	7	0	1	1	2	30
Patents By Year of Application:	9	1	4	2	1	0	1	0	2	6	0	2	1	1	0	30
SELECTION NEW PLANT SARL																
Patents By Year of Grant:	0	0	11	6	2	0	2	0	2	0	4	0	2	0	1	30
Patents By Year of Application:	11	0	7	1	2	1	1	0	0	4	2	0	1	0	0	30
FA. GEBR. VERWER																
Patents By Year of Grant:	0	0	0	0	10	0	9	2	7	1	0	0	0	0	0	29
Patents By Year of Application:	0	0	0	10	9	2	3	4	1	0	0	0	0	0	0	29
GEBR. KOLSTER B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	5	18	4	1	1	0	0	29
Patents By Year of Application:	0	0	0	0	0	0	0	17	6	4	2	0	0	0	0	29
PURDUE RESEARCH FOUNDATION																
Patents By Year of Grant:	19	2	0	1	0	0	0	0	1	3	0	0	2	1	0	29
Patents By Year of Application:	21	1	0	0	1	0	0	3	0	0	2	1	0	0	0	29
SUNSHINE FOLIAGE WORLD																
Patents By Year of Grant:	3	4	2	1	7	6	2	1	0	1	0	0	0	2	0	29
Patents By Year of Application:	7	2	7	3	6	1	0	0	1	0	0	2	0	0	0	29
BLOOMS OF BRESSINGHAM LTD.																
Patents By Year of Grant:	7	1	0	1	3	2	4	2	4	1	3	0	0	0	0	28
Patents By Year of Application:	8	1	0	7	3	2	1	2	1	3	0	0	0	0	0	28

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2008) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
BEGONIA BREEDERS ASSOC. B.V.																
Patents By Year of Grant:	0	0	0	0	7	3	0	0	0	1	1	3	2	4	1	22
Patents By Year of Application:	0	0	0	10	0	0	0	0	1	1	3	6	1	0	0	22
ETS. GUILLOU FRERES																
Patents By Year of Grant:	9	2	2	2	1	4	0	0	2	0	0	0	0	0	0	22
Patents By Year of Application:	11	3	5	1	0	2	0	0	0	0	0	0	0	0	0	22
BAY CITY FLOWER COMPANY, INC.																
Patents By Year of Grant:	5	0	5	1	2	1	0	1	0	1	1	1	0	0	3	21
Patents By Year of Application:	6	4	1	3	1	0	0	1	2	0	0	0	2	1	0	21
HER MAJESTY THE QUEEN IN RIGHT OF CANADA, AS REPRESENTED BY THE MINISTER OF AGRICULTURE																
Patents By Year of Grant:	2	5	0	4	0	1	3	3	1	1	0	0	1	0	0	21
Patents By Year of Application:	7	0	4	1	4	2	0	2	0	0	1	0	0	0	0	21
KEISEI ROSE NURSERIES, INC.																
Patents By Year of Grant:	2	0	0	0	0	1	0	0	0	2	1	0	6	4	5	21
Patents By Year of Application:	2	0	1	0	0	0	0	2	1	0	0	9	2	4	0	21
MILESTONE AGRICULTURE INC.																
Patents By Year of Grant:	0	3	0	6	5	1	0	4	1	0	0	0	0	0	0	20
Patents By Year of Application:	3	1	8	2	1	2	3	0	0	0	0	0	0	0	0	20
AmerInova Properties, LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	3	16	19
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	1	9	9	0	19
HORTICULTURAL AND FOOD RESEARCH INSTITUTE OF NEW ZEALAND LIMITED																
Patents By Year of Grant:	1	0	0	0	0	0	5	0	0	7	2	0	0	2	2	19
Patents By Year of Application:	1	0	0	5	0	0	0	5	5	0	1	1	1	0	0	19
BARTELS BREEDING B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	1	4	5	0	0	0	7	1	0	18
Patents By Year of Application:	0	0	0	0	1	6	2	1	0	0	0	8	0	0	0	18
Capitol Green Investments Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	18
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	0	0	18	0	18
DELIFLOR ROYALTY B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	4	7	2	2	3	0	18
Patents By Year of Application:	0	0	0	0	0	0	0	0	4	7	4	3	0	0	0	18

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2008) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
ITSAUL PLANTS																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	0	0	0	5	6	6	18
Patents By Year of Application:	0	0	0	0	0	0	0	0	1	0	3	8	6	0	0	18
PLANTAS DE NAVARRA S.A.																
Patents By Year of Grant:	5	0	2	0	0	1	0	0	0	1	5	1	3	0	0	18
Patents By Year of Application:	5	2	0	1	0	0	0	1	6	3	0	0	0	0	0	18
UNITED STATES OF AMERICA, DEPARTMENT OF AGRICULTURE																
Patents By Year of Grant:	1	0	0	2	0	1	0	0	8	0	3	1	2	0	0	18
Patents By Year of Application:	1	1	1	1	0	1	2	8	0	1	2	0	0	0	0	18
UNIVERSITY OF ARKANSAS																
Patents By Year of Grant:	7	0	0	2	0	0	0	3	4	0	1	1	0	0	0	18
Patents By Year of Application:	7	1	1	0	0	4	3	0	1	0	1	0	0	0	0	18
B. V. HANDELSKWEKERIJ/M. C. VAN STAAVEREN																
Patents By Year of Grant:	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
Patents By Year of Application:	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
KENT'S BROMELIAD NURSERY, INC.																
Patents By Year of Grant:	0	2	3	2	1	0	4	1	4	0	0	0	0	0	0	17
Patents By Year of Application:	5	2	1	0	4	1	2	2	0	0	0	0	0	0	0	17
MAK 'T ZAND B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	2	5	10	0	17
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	7	10	0	0	0	17
S.A.R.L. AGRO SELECTION FRUITS																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	9	8	17
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	9	1	7	0	17
SUN VALLEY BULB FARMS, INC.																
Patents By Year of Grant:	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
Patents By Year of Application:	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
SUPERIOR FARMING COMPANY																
Patents By Year of Grant:	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
Patents By Year of Application:	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
VISIO PLANT																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	7	10	0	0	17
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	17	0	0	0	0	17

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2008) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre															
	1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
AMERICAN FORESTRY TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	8	2	4	2	0	16
Patents By Year of Application:	0	0	0	0	0	0	0	0	10	0	6	0	0	0	0	16
B. L. COBIA, INC.																
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
ENTHOVEN BREEDING B.V.																
Patents By Year of Grant:	0	8	0	0	6	2	0	0	0	0	0	0	0	0	0	16
Patents By Year of Application:	8	0	6	0	2	0	0	0	0	0	0	0	0	0	0	16
OMS INVESTMENTS, INC.																
Patents By Year of Grant:	0	1	1	4	1	1	3	1	1	0	0	0	0	0	3	16
Patents By Year of Application:	1	2	4	1	3	0	2	0	0	0	0	2	1	0	0	16
PLANT COMPANY																
Patents By Year of Grant:	13	0	0	0	0	3	0	0	0	0	0	0	0	0	0	16
Patents By Year of Application:	13	0	0	3	0	0	0	0	0	0	0	0	0	0	0	16
TREE INTRODUCTIONS, INC.																
Patents By Year of Grant:	2	0	0	0	0	0	5	1	0	5	0	0	2	1	0	16
Patents By Year of Application:	2	0	0	1	4	1	0	4	1	0	2	1	0	0	0	16
WASHINGTON STATE UNIVERSITY RESEARCH FOUNDATION																
Patents By Year of Grant:	6	1	0	0	1	0	1	1	0	0	1	3	0	2	0	16
Patents By Year of Application:	7	0	0	1	2	0	0	0	1	3	0	2	0	0	0	16
E. G. HILL CO., INC.																
Patents By Year of Grant:	13	0	0	0	0	0	0	1	0	0	0	1	0	0	0	15
Patents By Year of Application:	13	0	0	0	0	1	0	0	0	1	0	0	0	0	0	15
FISCHER GERANIUMS, INC.																
Patents By Year of Grant:	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
Patents By Year of Application:	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
INTERNATIONAL PLANT BREEDING AG																
Patents By Year of Grant:	0	0	0	0	11	0	0	0	0	4	0	0	0	0	0	15
Patents By Year of Application:	0	0	0	11	0	0	0	0	4	0	0	0	0	0	0	15
J. & H. Westhoff Interpel																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	5	7	3	15
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	10	3	2	0	15

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2008) ---- Ranked List of Organizations with 5 or More Patents ----

Pre

1995 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 TOTAL

J. FRANK SCHMIDT & SON CO.

Patents By Year of Grant: 8 2 0 0 3 0 0 0 0 1 0 0 1 0 0 15

Patents By Year of Application: 10 0 0 3 0 0 0 0 1 0 0 1 0 0 0 15

MOZANT LLC

Patents By Year of Grant: 0 0 0 0 0 0 0 1 3 4 7 0 0 0 0 15

Patents By Year of Application: 0 0 0 0 0 1 3 8 3 0 0 0 0 0 0 15

P. KOOLIJ + ZONEN B.V.

Patents By Year of Grant: 0 0 0 0 0 0 0 3 4 0 0 0 0 7 1 15

Patents By Year of Application: 0 0 0 0 0 7 0 0 0 0 0 7 1 0 0 15

SAN JOAQUIN ROSE CO.

Patents By Year of Grant: 15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 15

Patents By Year of Application: 15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 15

VLETTER & DEN HAAN BEHEER B.V.

Patents By Year of Grant: 0 0 2 0 0 0 0 0 2 0 2 5 4 0 0 15

Patents By Year of Application: 0 2 0 0 0 6 2 0 0 5 0 0 0 0 0 15

ADAMS COUNTY NURSERY, INC.

Patents By Year of Grant: 5 0 0 1 1 3 2 0 0 0 1 1 0 0 0 14

Patents By Year of Application: 5 1 0 4 2 0 0 0 0 1 1 0 0 0 0 14

AGRI OBTECTIONS S.A.

Patents By Year of Grant: 0 1 0 0 0 0 0 0 1 0 0 2 6 4 0 14

Patents By Year of Application: 1 0 0 0 0 0 0 1 0 6 4 2 0 0 0 14

ERNST BENARY SAMENZUCHT GMBH

Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 0 0 1 1 5 7 14

Patents By Year of Application: 0 0 0 0 0 0 0 0 0 0 1 4 3 6 0 14

NORTH CAROLINA STATE UNIVERSITY

Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 0 4 2 0 2 6 14

Patents By Year of Application: 0 0 0 0 0 0 0 0 4 2 2 1 5 0 0 14

O. M. SCOTT AND SONS COMPANY

Patents By Year of Grant: 13 1 0 0 0 0 0 0 0 0 0 0 0 0 0 14

Patents By Year of Application: 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 14

OGLESBY PLANT LABORATORIES, INC.

Patents By Year of Grant: 6 0 1 3 4 0 0 0 0 0 0 0 0 0 0 14

Patents By Year of Application: 6 1 6 1 0 0 0 0 0 0 0 0 0 0 0 14

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2008) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
SAATZUCHT QUEDLINBURG GMBH																
Patents By Year of Grant:	0	0	0	12	2	0	0	0	0	0	0	0	0	0	0	14
Patents By Year of Application:	0	0	13	1	0	0	0	0	0	0	0	0	0	0	0	14
WILLI ENDISCH GBR																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	7	2	0	5	14
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	8	1	0	5	0	14
AGRICULTURE AND AGRI-FOOD CANADA																
Patents By Year of Grant:	0	0	0	1	0	0	3	0	0	0	0	1	1	4	3	13
Patents By Year of Application:	0	1	0	0	3	0	0	0	2	0	3	2	0	2	0	13
Advanced Plant Technologies LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	1	11	1	13
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	1	12	0	0	13
CARLTON ROSE NURSERIES, INC.																
Patents By Year of Grant:	12	0	0	1	0	0	0	0	0	0	0	0	0	0	0	13
Patents By Year of Application:	12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	13
IOWA STATE UNIVERSITY RESEARCH FOUNDATION INC.																
Patents By Year of Grant:	11	0	0	0	0	0	0	0	1	0	0	0	0	1	0	13
Patents By Year of Application:	11	0	0	0	0	1	0	0	0	1	0	0	0	0	0	13
ITO PACKING CO., INC.																
Patents By Year of Grant:	10	1	1	0	0	0	0	0	1	0	0	0	0	0	0	13
Patents By Year of Application:	11	1	0	0	0	1	0	0	0	0	0	0	0	0	0	13
RESEARCH CORPORATION TECHNOLOGIES, INC.																
Patents By Year of Grant:	12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Patents By Year of Application:	12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Roses Forever ApS																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	1	12	13
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	1	0	12	0	13
SHADY OAKS NURSERY, LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	3	0	0	0	9	1	0	13
Patents By Year of Application:	0	0	0	0	0	3	0	0	0	0	1	9	0	0	0	13
SOCIETE ANONYME DES PEPINIERS ET ROSERAIES GEORGES DELBARD																
Patents By Year of Grant:	0	0	0	1	4	0	3	0	3	1	0	0	1	0	0	13
Patents By Year of Application:	0	0	2	3	3	0	3	1	0	0	1	0	0	0	0	13

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2008) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
TRESEARCH (PARTNERSHIP)																
Patents By Year of Grant:	7	0	0	0	1	2	0	2	1	0	0	0	0	0	0	13
Patents By Year of Application:	7	0	1	2	0	1	2	0	0	0	0	0	0	0	0	13
WOLFGANG BOCK PFLANZENEXPORT KG																
Patents By Year of Grant:	0	0	0	3	5	4	0	0	0	0	0	0	0	0	1	13
Patents By Year of Application:	0	3	3	6	0	0	0	0	0	0	0	0	1	0	0	13
AGRIOM B.V.																
Patents By Year of Grant:	0	0	0	0	0	1	0	0	0	0	0	0	3	1	7	12
Patents By Year of Application:	0	0	0	0	1	0	0	0	0	0	0	4	7	0	0	12
ASTERKLUBBEN																
Patents By Year of Grant:	0	0	0	0	6	0	0	0	4	0	2	0	0	0	0	12
Patents By Year of Application:	0	0	6	0	0	0	0	0	4	0	2	0	0	0	0	12
CALIFORNIA-FLORIDA PLANT CORPORATION																
Patents By Year of Grant:	2	0	0	0	0	0	0	0	0	0	0	0	7	3	0	12
Patents By Year of Application:	2	0	0	0	0	0	0	0	0	0	0	10	0	0	0	12
COINER NURSERY																
Patents By Year of Grant:	1	0	0	1	0	0	0	0	3	1	0	3	3	0	0	12
Patents By Year of Application:	2	0	0	0	0	0	4	6	0	0	0	0	0	0	0	12
D. S. COLE GROWERS, INC.																
Patents By Year of Grant:	0	2	1	1	1	1	0	0	5	0	1	0	0	0	0	12
Patents By Year of Application:	2	1	1	2	0	0	5	0	1	0	0	0	0	0	0	12
DENACHTVLINDER B.V.																
Patents By Year of Grant:	2	0	0	1	3	1	0	1	3	0	0	0	0	0	1	12
Patents By Year of Application:	2	0	4	1	0	4	0	0	0	0	0	0	1	0	0	12
GREEN CIRCLE GROWERS, INC.																
Patents By Year of Grant:	0	0	0	11	1	0	0	0	0	0	0	0	0	0	0	12
Patents By Year of Application:	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	12
GRUNEWALD VEREDLINGS B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	5	1	0	6	0	12
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	6	0	3	3	0	0	12
HEM GENETICS BV																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	3	9	0	0	0	0	0	12
Patents By Year of Application:	0	0	0	0	0	0	0	3	9	0	0	0	0	0	0	12

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2008) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
SUN WORLD, INC.																
Patents By Year of Grant:	7	0	0	1	3	0	0	0	0	0	0	0	0	0	0	11
Patents By Year of Application:	7	0	4	0	0	0	0	0	0	0	0	0	0	0	0	11
ANTHURA B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	2	0	4	0	2	0	1	10
Patents By Year of Application:	0	0	0	0	0	0	2	1	0	6	0	0	1	0	0	10
CHOPIN & WRIGHT NURSERY, LTD.																
Patents By Year of Grant:	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Patents By Year of Application:	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
CLEARWATER NURSERY, INC.																
Patents By Year of Grant:	2	2	3	0	2	1	0	0	0	0	0	0	0	0	0	10
Patents By Year of Application:	4	3	2	1	0	0	0	0	0	0	0	0	0	0	0	10
GILBERG PERENNIAL FARMS, INC.																
Patents By Year of Grant:	0	0	0	0	0	3	1	2	0	4	0	0	0	0	0	10
Patents By Year of Application:	0	0	0	0	4	2	4	0	0	0	0	0	0	0	0	10
H. P. METZLER & SONS, INC.																
Patents By Year of Grant:	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Patents By Year of Application:	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
INSPIRATION PLANT CV																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	8	1	0	1	0	10
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	9	0	1	0	0	0	10
KOPPE VEREDELING B.V.																
Patents By Year of Grant:	0	0	0	0	0	2	1	1	2	3	1	0	0	0	0	10
Patents By Year of Application:	0	0	0	0	3	1	2	0	3	1	0	0	0	0	0	10
Kerry's Bromeliad Nursery, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	10
Schoenmakers Tropische Potcultures VOF																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	6	4	0	10
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	9	1	0	0	10
TEXAS A AND M UNIVERSITY																
Patents By Year of Grant:	1	0	0	0	1	1	2	0	1	2	2	0	0	0	0	10
Patents By Year of Application:	1	0	0	2	2	0	1	0	4	0	0	0	0	0	0	10

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2008) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
UNIVERSITY OF SYDNEY PLANT BREEDING INSTITUTE, COBBITTY																
Patents By Year of Grant:	0	0	0	0	0	3	3	4	0	0	0	0	0	0	0	10
Patents By Year of Application:	0	0	0	3	3	4	0	0	0	0	0	0	0	0	0	10
VERSASCAPES L.L.C.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	1	1	0	2	6	10
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	2	1	5	2	0	0	10
WITTEMAN + CO. `MULTIFLORA` B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	2	7	1	0	0	0	0	0	10
Patents By Year of Application:	0	0	0	0	0	0	3	6	1	0	0	0	0	0	0	10
BLOOMZ LIMITED																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	4	3	0	2	0	9
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	4	3	2	0	0	0	9
COOPERATIEVE VERENIGING WERK GROEP HIBISCUS U.A.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	4	4	1	0	0	0	9
Patents By Year of Application:	0	0	0	0	0	0	0	0	4	5	0	0	0	0	0	9
DELIFLOR CHRYSANTEN B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	1	3	0	1	0	3	0	9
Patents By Year of Application:	0	0	0	0	0	1	1	1	2	0	1	3	0	0	0	9
DENHOLM SEEDS, INC.																
Patents By Year of Grant:	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Patents By Year of Application:	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
GOLDEN STATE BULB GROWERS																
Patents By Year of Grant:	4	0	0	0	0	0	0	0	4	0	0	0	0	1	0	9
Patents By Year of Application:	4	0	0	0	0	0	4	0	0	0	0	1	0	0	0	9
GOLDSTOCK BREEDING LIMITED																
Patents By Year of Grant:	5	4	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Patents By Year of Application:	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
JOHN I. HAAS, INC.																
Patents By Year of Grant:	3	0	0	1	0	0	1	0	4	0	0	0	0	0	0	9
Patents By Year of Application:	3	0	2	0	0	4	0	0	0	0	0	0	0	0	0	9
KOPPE ROYALTY B. V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	1	0	3	1	4	9
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	1	3	2	3	0	9

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2008) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre																
	1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL	
COLORADO STATE UNIVERSITY RESEARCH FOUNDATION																	
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	
FIDES, HANDELSKWEKERIJ																	
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	
FLORANOVA LTD.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	7	0	1	0	0	0	8	
Patents By Year of Application:	0	0	0	0	0	0	0	0	7	0	1	0	0	0	0	8	
G & G Breeding Corporation																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	5	3	8	
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	8	
Green Works International B.V.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	4	3	1	0	8	
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	6	2	0	0	0	8	
Handelskwekerij Verheijen vof.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	5	1	2	8	
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	1	5	2	0	0	8	
Knaap Licenties B.V.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	8	
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	4	2	2	0	8	
NEW PLANTS																	
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	
PELARGONIEN-FISCHER KG																	
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:	0	0	0	0	0	2	0	0	2	0	3	1	0	0	0	8	
Patents By Year of Application:	0	0	0	2	1	0	1	1	3	0	0	0	0	0	0	8	
SUNNY OSTEOSPERMUM APS																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	5	3	0	8	
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	3	5	0	0	0	8	

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2008) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
Sun World International, LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7	8
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	0	7	1	0	8
UNIVERSITY OF TENNESSEE RESEARCH CORPORATION																
Patents By Year of Grant:	5	0	0	0	0	0	0	0	3	0	0	0	0	0	0	8
Patents By Year of Application:	5	0	0	0	0	0	3	0	0	0	0	0	0	0	0	8
AGRI-STARTS INC.																
Patents By Year of Grant:	0	0	1	1	0	2	0	0	0	0	0	0	0	3	0	7
Patents By Year of Application:	0	2	0	2	0	0	0	0	0	0	0	0	3	0	0	7
COLOR SPOT NURSERIES, INC.																
Patents By Year of Grant:	0	0	0	0	0	1	4	1	1	0	0	0	0	0	0	7
Patents By Year of Application:	0	0	0	2	3	0	1	1	0	0	0	0	0	0	0	7
DALINA APS																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	3	1	0	3	7
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	4	0	0	3	0	7
DEROOSE PLANTS BVBA																
Patents By Year of Grant:	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	7
Patents By Year of Application:	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	7
FLORETA PTY. LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	2	3	1	0	1	7
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	5	1	0	1	0	7
GARTNERIET HJORTEBJERG I/S																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	5	2	0	0	0	7
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	7
GROOT ASSOCIATES II																
Patents By Year of Grant:	7	0	0	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
HBA																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	1	6	0	0	7
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	1	6	0	0	0	7
Hamer Bloemzaden B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	7

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2008) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre															TOTAL
	1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	
OUTENIQUA NURSERY																
Patents By Year of Grant:	0	0	0	0	0	2	2	0	0	1	0	0	0	0	0	5
Patents By Year of Application:	0	0	0	3	1	0	0	1	0	0	0	0	0	0	0	5
PAN AMERICAN SEED COMPANY, A DIVISION OF BALL HORTICULTURAL CO.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	1	3	1	0	0	0	5
Patents By Year of Application:	0	0	0	0	0	0	0	0	4	1	0	0	0	0	0	5
POTHOS PLANT B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	5
Patents By Year of Application:	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5
REDLANDS NURSERY PTY. LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5
Patents By Year of Application:	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	5
ROYAL SLUIS B.V.																
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
SCOTTISH CROP RESEARCH INSTITUTE																
Patents By Year of Grant:	1	0	0	2	0	0	2	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	1	0	2	0	2	0	0	0	0	0	0	0	0	0	0	5
SOUTHERN SELECTIONS, L.L.C.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	1	0	2	0	2	5
Patents By Year of Application:	0	0	0	0	0	0	0	0	2	0	1	1	1	0	0	5
UNIVERSITY OF HAWAII																
Patents By Year of Grant:	1	0	0	1	0	0	0	0	3	0	0	0	0	0	0	5
Patents By Year of Application:	1	1	0	0	0	3	0	0	0	0	0	0	0	0	0	5
UNIVERSITY OF MARYLAND																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	1	1	0	1	0	0	1	5
Patents By Year of Application:	0	0	0	0	2	0	0	1	0	1	0	0	1	0	0	5
UNIVERSITY OF MASSACHUSETTS																
Patents By Year of Grant:	0	0	0	0	0	0	1	0	0	0	1	0	1	2	0	5
Patents By Year of Application:	0	0	0	0	1	0	0	0	1	0	1	2	0	0	0	5
VARIETIES INTERNATIONAL, LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	3	2	0	0	5
Patents By Year of Application:	0	0	0	0	0	0	0	0	3	0	2	0	0	0	0	5

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2008) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	TOTAL
YOVAL AGRICULTURAL PRODUCTS LTD.																
Patents By Year of Grant:	2	0	3	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
Other Organizations (713)																
Patents By Year of Grant:	373	28	30	39	49	37	39	43	96	56	64	55	71	77	95	1152
Patents By Year of Application:	412	51	52	45	45	49	50	60	64	64	80	74	56	48	2	1152