### **PLANT PATENTS**

JANUARY 1, 1991 -- DECEMBER 31, 2015



March 2016
U.S. PATENT AND TRADEMARK OFFICE
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A PATENT TECHNOLOGY MONITORING TEAM REPORT

### Plant Patents Report 1/1/1991 - 12/31/2015 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 1991** and **December 31, 2015**. 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 applications were 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, as shown in the "Pre 2002" column, correspond to the period 1991 through 2001.

#### Part B

Part B of this report distributes patent GRANT data for organizations that have received U.S. patents since **1991**. Data are presented by the year in which the patent was granted ("Patents By Year of Grant") and by the year in which the patented application was filed ("Patents by Year of Application").

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

Since the average time period between the filing for a utility patent and its final disposition (e.g., issued as a patent or abandoned) is now about **26** months (i.e., the patent's "pendency"), the patented application data for applications filed in the most recent years are incomplete.\* This is because the patents included in this report are limited to those **granted** during the specified time period. However, a significant number of the applications filed during the most recent years of this time period were still pending at the end of the reporting period. While many of these applications eventually will be patented, they will not be patented until sometime following the end of the reporting period. 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 U.S. Patent and Trademark Office (USPTO) workload which varies between technologies, budget and manpower levels, patent printing schedules, etc.

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, for the most part, such fluctuations would be immune from many of the changes in USPTO processing such as those that occurred in years such as in 1986 and 2005 when the USPTO issued fewer patents than would have normally been expected due to administrative reasons.

"Patents Granted By Date of Patent Application", as shown in the "**Pre 2002**" column, correspond to patents granted during the reporting period but filed prior to **2002**.

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#### 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 information 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 Corporation 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 patents.

Note that for a patent, the country of origin may differ from the country of ownership. Therefore, the sum of U.S. <u>origin</u> patents may not equal the sum of U.S. <u>ownership</u> category patents.

Part B is a ranked listing of national and international organizations (i.e., corporations, universities, government agencies) that have received 5 or more U.S. patents since 1991. 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 applications were filed. Patent ownership information 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.

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<sup>\*</sup> For example, in a report profiling utility patents granted through **December 2015**, patent grant data, as distributed by year of application, are approximately 97% complete for utility patent applications filed in 2007, 97% complete for filings in 2008, 91% complete for filings in 2009, 86% complete for filings in 2010, 83% complete for filings in 2011, 69% complete for filings in 2012, 43% complete for filings in 2013, and 16% complete for filings in 2014; data are essentially complete for applications filed prior to 2007. About 90% of all patent documents granted (i.e., utility, design, plant, and reissue patents, statutory invention registrations, and defensive publications) are utility patents. Currently, completion percentages restricted to **plant patents** are not available.

# Part A1 Patent Grants as Distributed By Year of Patent Grant

			_		_											
		Patents	Granted	l By Da	ate Of	Patent	Grant	(Granted:	Jan 01,	1991 -	Dec 31,	2015)				
								JMBER OF	. D3 MENIMO							
	Pre 2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
	116 2002	2002	2003	2001	2005	2000	2007	2000	2005	2010	2011	2012	2013	2011	2013	IOCAI
Total	4871	1133	994	1016	716	1149	1047	1240	1009	981	823	860	847	1072	1074	18832
U.S. Origin	2615	518	395	428	236	430	364	433	389	297	308	315	354	401	400	7883
Foreign Origin	2256	615	599	588	480	719	683	807	620	684	515	545	493	671	674	10949
roreign origin	2230	013	3,7,7	300	100	, 10	005	007	020	001	313	313	1,5	0,1	0,1	10313
NETHERLANDS	594	218	162	211	141	212	221	265	166	188	153	160	138	228	200	3257
GERMANY	473	145	166	100	80	98	131	176	137	160	112	122	121	82	141	2244
JAPAN	129	30	68	49	54	84	65	87	60	50	67	44	38	86	52	963
DENMARK	169	79	25	74	74	71	57	48	21	25	14	18	30	59	39	803
UNITED KINGDOM	189	35	42	41	37	68	49	43	45	47	23	36	27	42	32	756
AUSTRALIA	104	27	25	26	32	45	34	63	27	45	26	32	17	47	41	591
FRANCE	183	26	13	8	11	23	26	38	29	48	14	28	43	12	34	536
ISRAEL	105	8	18	15	3	38	23	19	26	15	22	32	12	18	26	380
NEW ZEALAND	60	7	12	20	10	4	13	18	26	28	26	15	17	16	26	298
BELGIUM	68	10	38	16	3	25	13	7	17	12	27	22	13	11	13	295
CANADA	69	5	5	1	3	5	8	10	14	3	6	5	4	8	7	153
COSTA RICA	38	5	4	10	10	19	7	5	6	3	2			11	10	130
ITALY	12	1	2	1			1	6	2	9	2	4	6	10	15	71
SPAIN	10		1	6	2	3		2	3	17	2	1	4	5	5	61
INDIA	4	12	7	4	3	5	8		3	1		1	3			51
SOUTH AFRICA	11	1	4	1	5	5	3	1	6	2	2	1		2	4	48
THAILAND		1	2			1		1	1	2	1		3	26	7	45
INDONESIA				2	1	1	2	6	14							26
IRELAND	1			1	_	2	=	-	3	5	1	3	1	1	5	23
CZECH REPUBLIC					3	2	1	6		3	1		3	1	1	21
TAIWAN	1				1	1			10	2	2	1			1	19
BRAZIL	2	1				1	5	3	1	1		1				15
ARGENTINA	2					1	2		1	6				2	1	15
COLOMBIA	2	1								3	7					13
KOREA, SOUTH	6	1						1				1		2	1	12
CHINA, PEOPLE'S REPU	TB						1	1		1	3	1	1	1	3	12
CHILE				2	1		1			2			2		3	11
ESTONIA												11				11
SWITZERLAND		1	2				2	1	1	1		1			1	10
GUERNSEY	7				1	1	1									10
ECUADOR			2						1				6			9
RUSSIAN FEDERATION					4	2				2					1	9
HUNGARY							4					1			3	8
SWEDEN	7					1										8
POLAND							1				2		3	1		7
MEXICO	2	1					1			1						5
Others ( 13 )	8		1		1	1	3			2		4	1		2	23
Ownership:																
U.S. Corporations	2367	454	321	415	241	404	358	390	321	207	249	209	261	320	324	6841
U.S. Government	4			3	1	2			3	2	2	1	4	4	10	44
U.S. Individuals	739	118	102	71	60	88	66	123	97	78	77	103	85	87	83	1977
Foreign Commentia	1 200	400	440	442	360	F 3 0	FOO	F70	400	E40	202	424	414	E 2.4	E00	7000
Foreign Corporations	1382	409	440	443	369	538	522	579	409	540	383	434	414	534	502	7898
Foreign Government	37	1	1	0.4	4-	7	4	3	6 173	1	2	3	0.0	3	155	68
Foreign Individuals	342	143	130	84	45	110	97	145	173	153	110	110	83	124	155	2004

		ratents	Granted	ву ра	te Of	ratent	Grant (	Granted:	Jan UI,	TAAT -	nec 31,	ZU12)				
							PE	RCENT OF	PATENTS							
	Pre 2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Cotal	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	54	46	40	42	33	37	35	35	39	30	37	37	42	37	37	42
Foreign Origin	46	54	60	58	67	63	65	65	61	70	63	63	58	63	63	58
NETHERLANDS	12	19	16	21	20	18	21	21	16	19	19	19	16	21	19	17
GERMANY	10	13	17	10	11	9	13	14	14	16	14	14	14	8	13	12
JAPAN	3	3	7	5	8	7	6	7	6	5	8	5	4	8	5	5
DENMARK	3	7	3	7	10	6	5	4	2	3	2	2	4	6	4	4
UNITED KINGDOM	4	3	4	4	5	6	5	3	4	5	3	4	3	4	3	4
AUSTRALIA	2	2	3	3	4	4	3	5	3	5	3	4	2	4	4	3
FRANCE	4	2	1	1	2	2	2	3	3	5	2	3	5	1	3	3
ISRAEL	2	1	2	1		3	2	2	3	2	3	4	1	2	2	2
NEW ZEALAND	1	1	1	2	1		1	1	3	3	3	2	2	1	2	2
BELGIUM	1	1	4	2		2	1	1	2	1	3	3	2	1	1	2
CANADA	1		1	4	-	•	1	1	1		1	1		1	1	1
COSTA RICA	1			1	1	2	1		1	1				1	1	1
ITALY										1			1	1	1	0
SPAIN		-	1	1			1			2						0
INDIA		1	1				1									
SOUTH AFRICA					1				1					•	1	0
THAILAND INDONESIA									1					2	1	0
IRELAND									1	1						0
CZECH REPUBLIC										1						0
TAIWAN									1							0
BRAZIL									<b>T</b>							0
ARGENTINA										1						0
COLOMBIA										-	1					0
KOREA, SOUTH																0
CHINA, PEOPLE'S REPU	TR.															0
CHILE	.5															0
ESTONIA												1				0
SWITZERLAND												_				0
GUERNSEY																0
ECUADOR													1			0
RUSSIAN FEDERATION					1											0
HUNGARY																0
SWEDEN																0
POLAND																0
MEXICO																0
Others ( 13 )																0
Ownership:																
U.S. Corporations	49	40	32	41	34	35	34	31	32	21	30	24	31	30	30	36
U.S. Government		1													1	0
U.S. Individuals	15	10	10	7	8	8	6	10	10	8	9	12	10	8	8	10
Foreign Corporations	28	36	44	44	52	47	50	47	41	55	47	50	49	50	47	42
	_															•
Foreign Government	1					1			1							0

# Part A2 Patent Grants as Distributed By Year of Patent Application

				_					_		_					
-	Pat	ents Gr	anted E	y Date	Of Pat	ent App	olication	ı (Grant	ed: Jan	01, 1991	- Dec 3	1, 2015)				
						N	UMBER (	F PATENT	ED APPI.T	CATTONS						
	Pre 2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
otal	6454	948	901	1114	1219	1018	907	1117	897	930	1054	1058	1099	114	2	18832
U.S. Origin	3330	398	352	382	456	360	304	401	296	353	426	386	400	37	2	7883
Foreign Origin	3124	550	549	732	763	658	603	716	601	577	628	672	699	77		10949
NETHERLANDS	870	166	166	221	264	227	165	204	159	175	193	236	191	20		3257
GERMANY	647	161	83	117	127	138	150	152	138	136	137	90	147	21		2244
JAPAN	199	51	55	77	72	60	61	80	56	63	34	74	75	6		963
DENMARK	255	28	86	109	51	44	39	10	27	15	39	60	38	2		803
UNITED KINGDOM	252	36	51	35	76	42	28	51	31	34	46	31	40	3		756
AUSTRALIA	138	27	18	61	34	54	42	34	33	35	24	40	46	5		591
FRANCE	220	4	25	19	22	27	22	39	35	28	30	37	28			536
ISRAEL	129	12	5	18	33	18	9	36	24	18	31	14	29	4		380
NEW ZEALAND	75	7	20	14	9	13	22	34	20	20	23	12	27	2		298
BELGIUM	100	26	8	7	24	10	8	16	34	8	27	12	14	1		295
CANADA	79	3	3	8	3	5	11	9	4	10	3	7	5	3		153
COSTA RICA	44	8	3	26	12	2	6	4	3	1		10	2	9		130
ITALY	16				2	5	3	1	8	3	8	8	17			71
SPAIN	11	6	5				2	13	9	1	3	7	4			61
INDIA	23	7	4	3	7		1	2			4					51
SOUTH AFRICA	16	2	4	4	4	2	2	5	1	1	1	3	2	1		48
THAILAND	2	1		1			2	1	2	2	1	19	14			45
INDONESIA			1	3	2		20									26
IRELAND	1		1		2	_	2	3	3	2	3		6			23
CZECH REPUBLIC			1	2	3	6			4	_	1	4	_			21
TAIWAN	1			2	_	1	3	8	2	1			1			19
BRAZIL	3		2		5	2	1	2	1		1		2			15
ARGENTINA	3 3		2					6	1 4	-			3			15 13
COLOMBIA	7						1		4	6 1	2		1			13 12
KOREA, SOUTH CHINA, PEOPLE'S REPUB				1			1		1	3	2	1	3			12
CHILE	•		3	_	1		1	2	1	3	2	2	1			11
ESTONIA			3		_			2		8	3	4	_			11
SWITZERLAND	2	1	1		2		1		1	0	1		1			10
GUERNSEY	7	_	3										-			10
ECUADOR	2		3					1			6					9
RUSSIAN FEDERATION	2	4		2				2			Ū	1				9
HUNGARY		-		_	4			_		1		-	3			8
SWEDEN	7				1					_						8
	•				-											•

HUNGARY					4					1			3			8
SWEDEN	7				1											8
POLAND					1					2	1	3				7
MEXICO	3			1		1										5
Others ( 13 )	9		1	1	2	1	1	1		3	2	1	1			23
Ownership:																
U.S. Corporations	2975	342	339	380	452	325	273	304	234	247	306	305	328	29	2	6841
U.S. Government	15		1	2				5	1	1	6	4	9			44
U.S. Individuals	924	81	71	83	87	83	86	102	69	118	103	90	67	13		1977
Foreign Corporations	1948	438	404	563	554	507	413	520	454	438	536	532	527	64		7898
Foreign Government	39		1	10	2		7	1	2	1	2	3				68
Foreign Individuals	553	87	85	76	124	103	128	185	137	125	101	124	168	8		2004

PLANT PATENTS REPORT															Page	A2- 2	
	Pat	tents Gr	anted E	y Date	Of Pat	ent App	lication	(Grant	ed: Jan	01, 1991	- Dec 3	1, 2015)					
						P	ERCENT C	F PATENT	ED APPLI	CATIONS							
	Pre 2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total	
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
U.S. Origin	52	42	39	34	37	35	34	36	33	38	40	36	36	32	100	42	
Foreign Origin	48	58	61	66	63	65	66	64	67	62	60	64	64	68		58	
NETHERLANDS	13	18	18	20	22	22	18	18	18	19	18	22	17	18		17	
GERMANY	10	17	9	11	10	14	17	14	15	15	13	9	13	18		12	
JAPAN	3	5	6	7	6	6	7	7	6	7	3	7	7	5		5	
DENMARK	4	3	10	10	4	4	4	1	3	2	4	6	3	2		4	
UNITED KINGDOM	4	4	6	3	6	4	3	5	3	4	4	3	4	3		4	
AUSTRALIA	2	3	2	5	3	5	5	3	4	4	2	4	4	4		3	
FRANCE	3		3	2	2	3	2	3	4	3	3	3	3			3	
ISRAEL	2	1	1	2	3	2	1	3	3	2	3	1	3	4		2	
NEW ZEALAND	1	1	2	1	1	1	2	3	2	2	2	1	2	2		2	
BELGIUM	2	3	1	1	2	1	1	1	4	1	3	1	1	1		2	
CANADA	1			1			1	1		1		1		3		1	
COSTA RICA	1	1		2	1		1					1		8		1	
ITALY									1		1	1	2			0	
SPAIN		1	1					1	1			1				0	
INDIA		1			1											0	
SOUTH AFRICA														1		0	
THAILAND												2	1			0	
INDONESIA							2									0	
IRELAND													1			0	
CZECH REPUBLIC						1										0	
TAIWAN								1								0	
BRAZIL																0	
ARGENTINA								1								0	
COLOMBIA										1						0	
KOREA, SOUTH																0	
CHINA, PEOPLE'S REP	UB															0	
CHILE																0	
ESTONIA										1						0	
SWITZERLAND																0	
GUERNSEY																0	
ECUADOR											1					0	
RUSSIAN FEDERATION																0	
HUNGARY																0	
SWEDEN																0	
POLAND																0	
MEXICO																0	
Others ( 13 )																0	
Ownership:																	
U.S. Corporations	46	36	38	34	37	32	30	27	26	27	29	29	30	25	100	36	
U.S. Government											1		1			0	
U.S. Individuals	14	9	8	7	7	8	9	9	8	13	10	9	6	11		10	
Foreign Corporations	30	46	45	51	45	50	46	47	51	47	51	50	48	56		42	
Foreign Government	1			1			1									0	

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Foreign Individuals 9 9 9 7 10 10 14 17 15 13 10 12 15

## 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				(Grante	ed: Jan 0	1, 1991	- Dec 31	, 2015)	I	Ranked Li	st of Or	ganizati	ons with	5 or	More Pat	cents
	Pre															
	2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
YODER BROTHERS, INC.																
Patents By Year of Grant:	383	87	41	42	19	53	71	46	39	1	0	0	0	0	0	782
Patents By Year of Application:	477	34	31	47	98	36	24	34	1	0	0	0	0	0	0	782
TERRA-NOVA NURSERIES, INC.																
Patents By Year of Grant:	27	30	12	12	12	33	22	32	14	13	36	52	27	58	41	421
Patents By Year of Application:	59	11	11	18	33	30	21	13	33	35	55	46	56	0	0	421
BALL HORTICULTURAL COMPANY																
Patents By Year of Grant:	18	2	1	41	18	58	34	53	16	10	12	17	8	27	37	352
Patents By Year of Application:	21	3	54	45	49	32	26	12	14	11	21	24	27	13	0	352
SUNTORY FLOWERS LIMITED																
Patents By Year of Grant:	0	0	5	9	11	46	19	41	42	23	28	25	20	51	21	341
Patents By Year of Application:	0	13	15	28	27	27	25	50	20	40	16	44	36	0	0	341
POULSEN ROSER A/S																
Patents By Year of Grant:	36	2	3	45	55	38	25	14	0	1	0	5	12	35	25	296
Patents By Year of Application:	41	9	65	64	12	26	1	0	1	0	20	34	23	0	0	296
KLEMM + SOHN GMBH & CO. KG																
Patents By Year of Grant:	0	14	21	9	5	6	28	45	37	26	13	29	21	12	25	291
Patents By Year of Application:	21	15	3	13	3	62	20	30	25	21	31	24	16	7	0	291
PAUL ECKE RANCH, INC.																
Patents By Year of Grant:	179	23	7	0	10	11	14	15	8	1	4	3	0	1	0	276
Patents By Year of Application:	202	7	0	13	13	18	8	7	1	3	3	1	0	0	0	276
Syngenta Crop Protection AG																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	8	64	45	54	55	32	5	263
Patents By Year of Application:	0	0	0	0	0	0	0	29	56	61	62	45	10	0	0	263
BEAR CREEK GARDENS, INC.																
Patents By Year of Grant:	252	0	0	0	0	0	0	0	0	0	0	0	0	0	0	252
Patents By Year of Application:	252	0	0	0	0	0	0	0	0	0	0	0	0	0	0	252
DANZIGER - "DAN" FLOWER FARM			_													
Patents By Year of Grant:	68	4	7	11	2	31	20	10	9	6	13	20	8	14	13	236
Patents By Year of Application:	76	10	4	13	27	17	8	7	10	11	24	10	16	3	0	236
FLORFIS AG									_						_	
Patents By Year of Grant:	79	57	18	15	9	25	11	13	0	0	0	0	0	0	0	227
Patents By Year of Application:	143	12	15	24	10	23	0	0	0	0	0	0	0	0	0	227

Omnoni-shional Detection				( C	.d. Tam ^	1 1001	D-= 31	2015		Dambad **				F	Vana Da	
Organizational Patenting				(Grante	ea: Jan 0	1, 1991	- Dec 31	, 2015)	I	kanked Li	st of Or	ganizati	ons with	5 or	more Pat	tents
	Pre															
	2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
GOLDSMITH SEEDS, INC.																
Patents By Year of Grant:	28	0	27	27	44	35	24	14	25	0	0	0	0	0	0	224
Patents By Year of Application:	28	9	44	52	34	21	11	25	0	0	0	0	0	0	0	224
SYNGENTA SEEDS B.V.																
Patents By Year of Grant:	6	6	4	12	13	45	52	71	11	1	0	0	0	0	0	221
Patents By Year of Application:	12	4	20	24	55	79	20	7	0	0	0	0	0	0	0	221
CP (DELAWARE), INC.																
Patents By Year of Grant:	19	12	18	7	9	11	11	22	15	20	5	10	19	16	11	205
Patents By Year of Application:	43	8	14	13	10	12	16	20	11	13	14	19	12	0	0	205
Capitol Green Investments Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	18	21	47	34	35	43	0	0	198
Patents By Year of Application:	0	0	0	0	0	0	22	34	53	44	36	5	4	0	0	198
CHRYSANTHEMUM BREEDERS ASSOCIATION N	.v.															
Patents By Year of Grant:	27	37	11	47	11	19	2	3	0	0	0	0	0	0	0	157
Patents By Year of Application:	74	36	5	34	7	1	0	0	0	0	0	0	0	0	0	157
Fides B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	13	19	15	21	1	33	19	22	13	156
Patents By Year of Application:	0	0	0	0	5	19	8	16	20	15	38	20	15	0	0	156
SAKATA SEED CORPORATION																
Patents By Year of Grant:	10	14	19	10	15	12	9	17	10	4	8	2	3	17	4	154
Patents By Year of Application:	36	9	6	18	16	5	11	17	6	5	4	5	13	3	0	154
OGLEVEE LTD.																
Patents By Year of Grant:	54	40	25	11	1	11	10	1	0	0	0	0	0	0	0	153
Patents By Year of Application:	106	20	4	2	20	1	0	0	0	0	0	0	0	0	0	153
BALL FLORAPLANT, A DIVISION OF BALL	HORTICULT	URAL CO.														
Patents By Year of Grant:	55	18	51	17	1	0	0	0	0	0	0	0	0	0	0	142
Patents By Year of Application:	75	67	0	0	0	0	0	0	0	0	0	0	0	0	0	142
CLEANGRO, LTD.																
Patents By Year of Grant:	68	1	5	12	15	23	4	7	0	2	0	0	0	0	0	137
Patents By Year of Application:	75	0	29	10	11	8	2	0	2	0	0	0	0	0	0	137
SPRING MEADOW NURSERY, INC.																
Patents By Year of Grant:	5	7	1	5	8	7	5	4	18	5	19	9	4	15	18	130
Patents By Year of Application:	12	3	3	11	8	5	1	19	12	18	2	14	22	0	0	130

Organizational Patenting				(Grante	ed: Jan 0	1, 1991	- Dec 31,	, 2015)	1	Ranked Li	st of Or	ganizati	ons with	5 or 1	More Pat	cents
	Pre															
	2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
W. KORDES' SOHNE ROSENSCHULEN GMBH &	CO KG															
Patents By Year of Grant:	0	0	2	6	4	8	6	10	4	14	5	14	27	13	12	125
Patents By Year of Application:	4	3	6	1	12	2	8	11	9	15	22	18	14	0	0	125
WEEKS WHOLESALE ROSE GROWERS, INC.																
Patents By Year of Grant:	42	9	10	9	1	8	7	11	6	7	4	7	3	0	0	124
Patents By Year of Application:	61	6	6	6	7	8	7	7	6	6	4	0	0	0	0	124
JACKSON & PERKINS WHOLESALE, INC.																
Patents By Year of Grant:	31	24	9	15	1	13	3	21	3	2	0	0	0	0	0	122
Patents By Year of Application:	61	14	4	10	9	6	16	2	0	0	0	0	0	0	0	122
FLORIDA FOUNDATION SEED PRODUCERS, I	NC.															
Patents By Year of Grant:	12	6	3	12	0	3	1	2	9	24	5	2	13	12	14	118
Patents By Year of Application:	20	9	5	3	7	0	1	15	17	4	9	12	15	1	0	118
PLANT 21 LLC																
Patents By Year of Grant:	0	0	5	19	18	6	12	10	5	2	15	12	0	7	7	118
Patents By Year of Application:	5	0	20	19	16	5	8	4	15	8	4	7	7	0	0	118
DRISCOLL STRAWBERRY ASSOCIATES INC.																
Patents By Year of Grant:	16	5	6	15	4	2	3	7	6	8	6	3	12	16	7	116
Patents By Year of Application:	28	13	5	3	3	5	3	10	6	3	13	15	9	0	0	116
ELSNER PAC JUNGPFLANZEN																
Patents By Year of Grant:	8	10	13	3	2	20	12	7	14	8	1	8	1	3	1	111
Patents By Year of Application:	22	13	4	1	26	4	14	13	1	0	9	3	1	0	0	111
CONARD-PYLE COMPANY																
Patents By Year of Grant:	106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	106
Patents By Year of Application:	106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	106
DUMMEN JUNGPFLANZEN GBR													•			104
Patents By Year of Grant:	0	5	47	0	14	11	21	6	0	0	0	0	0	0	0	104
Patents By Year of Application:	13	39	0	15	17	20	0	0	0	0	0	0	0	0	0	104
Dummen Group B.V.	^	•	^	^	•	^	^	^	_	•	•	•	^	20	<b>C</b> 1	100
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0 13	0 83	38 6	64	102 102
Patents By Year of Application:	0	U	U	U	U	U	0	U	U	U	U	13	83	ь	0	102
DAVID AUSTIN ROSES LIMITED	47	2	-	•	0	11	4	10	-	2	2	5	1	5	^	101
Patents By Year of Grant:	47	2	5	2		11	4	10	3	3	3		1	_	0	101
Patents By Year of Application:	54	0	2	3	12	7	6	0	3	3	6	3	2	0	0	101

Organizational Patenting				(Grante	d: Jan 0	1, 1991	- Dec 31	, 2015)	R	anked Li	st of Or	ganizati	ons with	5 or 1	More Pat	cents
	_															
	Pre 2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
									2005				2020			
JOHN BODGER & SONS CO.																
Patents By Year of Grant:	47	8	0	31	5	1	5	0	0	0	0	0	0	0	0	97
Patents By Year of Application:	55	0	33	3	1	5	0	0	0	0	0	0	0	0	0	97
VAN ZANTEN PLANTS B.V.																
Patents By Year of Grant:	0	0	17	7	9	0	10	7	0	18	9	4	0	7	7	95
Patents By Year of Application:	2	15	12	5	8	4	8	11	6	7	3	7	7	0	0	95
DEVOR NURSERIES, INC.																
Patents By Year of Grant:	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	86
Patents By Year of Application:	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	86
UNIVERSITY OF CALIFORNIA, THE REGENTS		_	_	_		_	_	_	_		_	_	_	•	_	
Patents By Year of Grant:	27 37	5 5	7	2 4	4	7 1	3 6	2 7	7 6	4 2	3	5 2	3 1	3 0	2	84
Patents By Year of Application:	37	5	5	4	4	1	6	7	6	2	4	2	1	U	0	84
VAN STAAVEREN B.V.																
Patents By Year of Grant:	78	1	0	0	0	0	0	0	0	0	0	0	0	0	0	79
Patents By Year of Application:	78 79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	79 79
racents by rear or apprication:	73	U	0			U	U	· ·	U	U		U		U	U	73
FUTURE PLANTS LICENTIE B.V.																
Patents By Year of Grant:	0	0	2	7	1	4	30	11	4	4	9	5	0	0	1	78
Patents By Year of Application:	0	2	7	1	28	16	3	2	13	0	5	0	1	0	0	78
S.A.R.L. AGRO SELECTION FRUITS																
Patents By Year of Grant:	0	0	0	0	0	0	9	8	4	18	0	12	18	1	8	78
Patents By Year of Application:	0	0	0	0	9	7	7	0	16	7	17	7	8	0	0	78
KNUD JEPSEN A/S																
Patents By Year of Grant:	22	3	4	13	5	3	11	6	5	1	1	2	0	1	0	77
Patents By Year of Application:	25	4	14	9	6	8	4	2	2	0	2	1	0	0	0	77
FLORICULTURA																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	5	30	39	74
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	9	33	32	0	0	74
DT TAIDI AAM																
RIJNPLANT	33	16	2	13	6		0		0	•	0	0	0	1	0	73
Patents By Year of Grant: Patents By Year of Application:	33 49	16 2	9	13 10	6 1	1 1	0	1 0	0	0	0	0 1	0	0	0	73 73
ratents by rear or Apprication:	49	4	9	10	1	1	U	U	U	U	U		U	U	U	/3
INNOVAPLANT GMBH & CO. KG																
Patents By Year of Grant:	7	1	13	0	1	4	16	5	5	5	1	9	3	2	0	72
Patents By Year of Application:	8	13	0	2	18	1	5	9	1	12	1	2	0	0	0	72
				_		_			_		_	_		-	<u> </u>	,-

Organizational Patenting				(Grante	d: Jan 0	1, 1991	- Dec 31	, 2015)	F	Ranked Li	st of Or	ganizati	ons with	. 5 or	More Pat	cents
	_															
	Pre 2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
	2002	2002	2003	2001	2003	2000	2007	2000	2005	2010	2011	2012	2013	2011	2013	IOIAL
NOR'EAST MINIATURE ROSES, INC.																
Patents By Year of Grant:	42	2	0	1	4	3	4	7	1	4	3	0	0	0	0	71
Patents By Year of Application:	46	2	2	3	7	3	2	2	4	0	0	0	0	0	0	71
Paraty BVBA										_						
Patents By Year of Grant:	0	0	0	0	0	0	0	2	10	7	22 17	11 9	9	6 1	4	71
Patents By Year of Application:	0	0	U	U	U	U	4	8	29	U	17	У	3	1	U	71
ESMERALDA BREEDING B.V.						_			_							
Patents By Year of Grant:	0	0	0	13	6	5	6	12	5	7	3	4	0	7	2	70
Patents By Year of Application:	0	0	9	15	1	8	15	2	5	4	2	7	2	0	0	70
UNIVERSITY OF GEORGIA RESEARCH FOUNDAT	rion, in															
Patents By Year of Grant:	4	3	0	1	2	8	8	7	3	6	7	1	6	4	10	70
Patents By Year of Application:	7	2	3	1	12	7	5	3	3	7	8	2	10	0	0	70
NUFLORA INTERNATIONAL PTY. LTD.																
Patents By Year of Grant:	0	9	12	13	13	7	1	7	1	1	0	1	1	3	0	69
Patents By Year of Application:	10	15	3	23	4	7	1	1	0	0	1	3	1	0	0	69
DEKKER BREEDING, B.V.																
Patents By Year of Grant:	0	3	0	2	3	6	19	5	11	2	10	5	0	1	1	68
Patents By Year of Application:	3	0	2	9	13	6	5	12	1	12	3	1	1	0	0	68
DUMMEN JUNGPFLANZENKULTUREN	40	10	•	•	^	•	•	•	•	•	^	•	•	•	•	68
Patents By Year of Grant: Patents By Year of Application:	49 63	18 4	0	0	0	0	0	0	0	0	0	0	0	0	0	67 67
BURCHELL NURSERY, INC.	63	**	U	U	U	U	U	U	U	U	U	U	U	U	U	67
Patents By Year of Grant:	4	10	12	9	4	6	2	0	0	1	2	4	1	7	4	66
Patents By Year of Application:	17	10	11	6	3	0	0	0	4	3	3	5	3	1	0	66
DE RUITER'S NIEUWE ROZEN B.V.																
Patents By Year of Grant:	51	5	0	4	3	1	0	0	0	0	0	0	0	0	0	64
Patents By Year of Application:	57	1	5	1	0	0	0	0	0	0	0	0	0	0	0	64
WALTERS GARDENS INC.																
Patents By Year of Grant:	0	0	0	0	2	5	2	3	3	1	12	5	14	7	10	64
Patents By Year of Application:	0	0	2	4	2	2	3	4	7	6	14	7	12	1	0	64
CALIFORNIA FLORIDA PLANT COMPANY L.P.																
Patents By Year of Grant:	55	0	0	8	0	0	0	0	0	0	0	0	0	0	0	63
Detector De Wesen of Ameliantics		_	_	•	•	•	•	•	_	•	•	•	•	•	•	<b>63</b>

Patents By Year of Application:

Organizational Patenting				(Grante	d: Jan 0	1, 1991	- Dec 31	, 2015)	R	anked Li	st of Or	ganizati	ons with	5 or	More Pat	ents
	Pre 2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
	2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
PIETERS PLANT PRODUCTION, BVBA																
Patents By Year of Grant:	0	0	30	10	0	13	9	1	0	0	0	0	0	0	0	63
Patents By Year of Application:	21	16	3	0	15	8	0	0	0	0	0	0	0	0	0	63
PLANT DEVELOPMENT SERVICES INC.																
Patents By Year of Grant:	17	3	6	4	3	4	3	2	2	0	1	4	0	6	2	57
Patents By Year of Application:	21	4	5	7	3	4	0	0	1	4	0	2	6	0	0	57
Chrysanthemum Breeders Association Re	search B	.v.														
Patents By Year of Grant:	0	0	0	0	0	0	0	2	7	5	1	15	12	11	3	56
Patents By Year of Application:	0	0	0	0	0	0	9	5	2	15	7	18	0	0	0	56
SUNTORY LTD.																
Patents By Year of Grant:	45	0	10	0	0	0	0	0	0	0	0	0	0	0	0	55
Patents By Year of Application:	53	2	0	0	0	0	0	0	0	0	0	0	0	0	0	55
TWYFORD INTERNATIONAL, INC.																
Patents By Year of Grant:	30	8	6	5	2	1	3	0	0	0	0	0	0	0	0	55
Patents By Year of Application:	38	8	2	4	3	0	0	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
ITSAUL PLANTS, LLC																
Patents By Year of Grant:	0	1	0	0	0	5	6	6	6	10	6	4	3	4	3	54
Patents By Year of Application:	0	1	0	3	8	7	0	10	8	7	1	6	3	0	0	54
AmerInova Properties, LLC																
Patents By Year of Grant:	0	0	0	0	0	0	3	16	7	3	1	0	9	13	1	53
Patents By Year of Application:	0	0	0	0	1	9	11	7	1	1	7	13	3	0	0	53
BONZA BOTANICALS PTY., LTD.	•	_	•	_	_	_	_		_	_	•	_	_	_	_	50
Patents By Year of Grant:	0	0	0	0	1	6	1	18	1	8	9	2	3	2	1	52
Patents By Year of Application:	0	0	1	6	1	12	7	0	12	6	4	0	3	0	0	52
HINDS MIDSEDIES ING																
HINES NURSERIES INC.	14	_	•	10	_	4	_	0	0	^	0	^	0	0	0	52
Patents By Year of Grant:	14 25	5 12	8 2	10 9	6 4	<u>4</u> 0	5 0	0	0	0	0	0	0	0	0	52 52
Patents By Year of Application:	25	12	2	9	4	U	U	U	U	U	U	0	U	U	U	54
WITTEMAN + CO.																
Patents By Year of Grant:	0	0	0	7	5	10	13	12	5	0	0	0	0	0	0	52
-	0	3	4	7	13	10 9	13	3	0	0	0	0	0	0	0	52 52
Patents By Year of Application:	U	3	4	7	13	9	13	3	U	U	U	U	U	U	U	52

PLANT PATENTS REPORT															Page	B - 7
Organizational Patenting				(Grante	d: Jan 0	1, 1991	- Dec 31	, 2015)	F	Ranked Li	st of Or	ganizati	ons with	5 or 1	More Pat	cents
	Pre															
	2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
BAILEY NURSERIES, INC.																
Patents By Year of Grant:	7	2	2	4	9	13	3	4	5	1	1	0	0	0	0	51
Patents By Year of Application:	11	3	3	19	1	4	4	4	1	1	0	0	0	0	0	51
PLANT SCIENCES, INC.																
Patents By Year of Grant:	17	0	2	7	0	1	1	2	9	2	1	1	1	3	4	51
Patents By Year of Application:	18	2	6	0	2	2	2	7	3	1	1	3	0	4	0	51
RUTGERS UNIVERSITY																
Patents By Year of Grant:	13	0	0	2	1	3	6	9	2	4	3	1	4	1	2	51
Patents By Year of Application:	13	2	3	0	2	13	3	6	1	1	4	1	2	0	0	51
Beckenkamp Plants B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	2	0	3	1	13	9	11	10	49
Patents By Year of Application:	0	0	0	0	0	0	2	1	3	0	22	11	8	2	0	49
FIDES BEHEER B.V.																
Patents By Year of Grant:	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48
Patents By Year of Application:	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48
FIDES GOLDSTOCK BREEDING B.V.																
Patents By Year of Grant:	4	13	2	9	9	11	0	0	0	0	0	0	0	0	0	48
Patents By Year of Application:	16	3	7	22	0	0	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	11	13	5	18	0	0	0	0	0	47
Patents By Year of Application:	0	0	0	0	0	13	13	16	5	0	0	0	0	0	0	47
JOSEF & HEINRICH WESTHOFF GARTENBAU-S	PEZIALKU:															
Patents By Year of Grant:	4	7	5	16	13	2	0	0	0	0	0	0	0	0	0	47
Patents By Year of Application:	11	7	5	24	0	0	0	0	0	0	0	0	0	0	0	47
Plant Introductions, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	0	4	0	6	10	3	22	46
Patents By Year of Application:	0	0	0	0	0	0	1	3	1	6	9	5	21	0	0	46
VERWER DAHLIAS BV																
Patents By Year of Grant:	0	0	2	3	1	11	1	18	1	1	0	1	3	1	2	45
Patents By Year of Application:	0	2	4	0	12	9	9	1	1	0	4	0	3	0	0	45
UNITED STATES OF AMERICA, DEPARTMENT	OF AGRIC	ULTURE														
		•			-	_	_	•		_	_	-				

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Patents By Year of Grant:
Patents By Year of Application:

15

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Organizational Patenting				(Grante	d: Jan 0	1, 1991	- Dec 31,	, 2015)	R	Ranked Li	st of Or	ganizati	ons with	5 or	More Pat	ents
	Pre 2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
	2002	2002	2003	2001	2003	2000	2007	2000	2005	2010	2011	2012	2013	2014	2013	IOIAL
TERRA NIGRA HOLDING B.V.																
Patents By Year of Grant:	41	0	0	2	0	0	0	0	0	0	0	0	0	0	0	43
Patents By Year of Application:	41	2	0	0	0	0	0	0	0	0	0	0	0	0	0	43
BAY CITY FLOWER COMPANY, INC.																
Patents By Year of Grant:	13	0	1	1	1	0	0	3	2	3	5	2	4	2	4	41
Patents By Year of Application:	14	2	0	0	0	4	1	4	4	2	6	0	4	0	0	41
Elsner PAC Jungpflanzen GbR																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	7	11	2	0	0	20	41
Patents By Year of Application:	0	0	0	0	0	0	1	7	3	9	1	0	10	10	0	41
racenes by rear or approaches.			· ·	·			-	•	J		-	•				
CORN. BAK B.V.																
Patents By Year of Grant:	17	4	0	1	1	0	3	1	0	3	4	0	2	3	1	40
Patents By Year of Application:	21	1	0	1	3	0	1	1	2	4	2	4	0	0	0	40
KIEFT SEED HOLLAND																
Patents By Year of Grant:	0	24	12	4	0	0	0	0	0	0	0	0	0	0	0	40
Patents By Year of Application:	24	14	2	0	0	0	0	0	0	0	0	0	0	0	0	40
NORTH CAROLINA STATE UNIVERSITY	_						_	_		_	_	_		_	_	
Patents By Year of Grant:	0	0	0	4	2	0	2	6	2	6 3	2	1	8	1	5	39
Patents By Year of Application:	0	4	2	2	1	5	2	2	6	3	7	0	5	0	0	39
MIKKELSENS, INC.																
Patents By Year of Grant:	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38
Patents By Year of Application:	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38
AGRIOM B.V.																
Patents By Year of Grant:	1	0	0	0	0	3	1	7	9	1	0	1	9	4	0	36
Patents By Year of Application:	1	0	0	0	4	7	0	9	1	0	9	5	0	0	0	36
FUTURE PLANTS V.O.F.																
Patents By Year of Grant:	13	11	9	2	0	0	0	0	0	0	0	0	0	0	1	36
Patents By Year of Application:	25	8	2	0	0	0	0	0	0	0	0	0	1	0	0	36
DEGONTA DEFENDED AGGOG D V																
BEGONIA BREEDERS ASSOC. B.V.	10	^	-	-	2	•	4	-	_	-	2	-	-	1	^	25
Patents By Year of Grant: Patents By Year of Application:	10 10	0 1	1 1	1 3	3 6	2 1	4	1 4	6 1	1 4	3 1	1 1	1 0	1 0	0	35 35
racence by rear or Apprication:	10	1	1	3	0		4	*	1	*	_		U	U	U	33
GARTENBAU UND SPEZIALKULTUREN WESTHOF	F GBR															
Patents By Year of Grant:	1	2	0	0	0	0	0	0	19	3	7	1	0	1	1	35
Patents By Year of Application:	3	0	0	0	0	0	16	4	7	2	1	1	0	1	0	35

FHANI FAIENIS REFORI															rage	Б - Э
Organizational Patenting				(Grante	d: Jan 0	1, 1991	- Dec 31	, 2015)	I	Ranked Li	st of Or	ganizati	ons with	5 or 1	More Pat	cents
	Pre															
	2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
OGLESBY PLANTS INTERNATIONAL, INC.																
Patents By Year of Grant:	14	4	3	2	1	0	0	0	0	0	0	0	6	0	5	35
Patents By Year of Application:	20	3	1	0	0	0	0	0	0	0	6	0	5	0	0	35
ANTHURA B.V.																
Patents By Year of Grant:	1	2	0	4	0	2	0	1	4	0	0	4	0	0	16	34
Patents By Year of Application:	3	0	6	0	0	1	0	4	0	0	4	0	15	1	0	34
MONROVIA NURSERY CO.																
Patents By Year of Grant:	18	1	4	3	0	0	0	0	0	0	2	0	1	0	5	34
Patents By Year of Application:	21	3	1	1	0	0	0	0	1	1	0	1	4	1	0	34
COUNCIL OF SCIENTIFIC AND INDUSTRIAL	RESEARCH															
Patents By Year of Grant:	2	11	6	4	2	4	2	0	1	0	0	0	0	0	0	32
Patents By Year of Application:	20	6	4	2	0	0	0	0	0	0	0	0	0	0	0	32
New Zealand Institute for Plant and I	Food Rese	arch, Lt	d.													
Patents By Year of Grant:	0	0	0	0	0	0	0	0	3	6	7	4	2	3	7	32
Patents By Year of Application:	0	0	0	0	0	0	1	8	6	3	4	3	6	1	0	32
SELECTION NEW PLANT SARL																
Patents By Year of Grant:	21	2	0	4	0	2	0	1	1	1	0	0	0	0	0	32
Patents By Year of Application:	23	0	4	2	0	1	1	1	0	0	0	0	0	0	0	32
HORTECH, INC.																
Patents By Year of Grant:	0	1	0	0	0	0	0	1	0	0	11	1	17	0	0	31
Patents By Year of Application: SUN WORLD INTERNATIONAL, INC.	2	0	0	0	0	0	0	0	0	11	17	1	0	0	0	31
Patents By Year of Grant:	7	8	2	6	6	2	0	0	0	0	0	0	0	0	0	31
Patents By Year of Application:	17	0	8	6	0	0	0	0	0	0	0	0	0	0	0	31
CORNELL UNIVERSITY																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	20	0	5	5	0	30
Patents By Year of Application:	0	0	0	0	0	0	0	0	1	21	3	5	0	0	0	30
Sun World International, LLC																
Patents By Year of Grant:	0	0	0	0	0	0	1	7	3	0	4	4	4	2	5	30
Patents By Year of Application:	0	0	0	0	0	7	2	2	3	5	3	4	4	0	0	30
FA. GEBR. VERWER																

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29

Patents By Year of Grant:

Patents By Year of Application:

1

Organizational Patenting				(Grante	ed: Jan 0	1, 1991	- Dec 31	, 2015)	F	Ranked Li	st of Or	ganizati	ons with	5 or	More Pat	tents
-				•								-				
	Pre 2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
	2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
GEBR. KOLSTER B.V.																
Patents By Year of Grant:	0	5	18	4	1	1	0	0	0	0	0	0	0	0	0	29
Patents By Year of Application:	17	6	4	2	0	0	0	0	0	0	0	0	0	0	0	29
SUNSHINE FOLIAGE WORLD																
Patents By Year of Grant:	26	0	1	0	0	0	2	0	0	0	0	0	0	0	0	29
Patents By Year of Application:	26	1	0	0	2	0	0	0	0	0	0	0	0	0	0	29
Gartneriet PKM A/S																
Patents By Year of Grant:	0	0	0	0	0	0	1	3	1	4	4	3	0	5	7	28
Patents By Year of Application:	0	0	0	0	0	1	4	1	4	6	0	5	7	0	0	28
							-		-					-		
GOLDSMITH PLANTS, INC.																
Patents By Year of Grant:	15	13	0	0	0	0	0	0	0	0	0	0	0	0	0	28
Patents By Year of Application:	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28
1400100 27 1041 01 1.55110401011																~
KEISEI ROSE NURSERIES, INC.																
Patents By Year of Grant:	3	0	2	1	0	6	4	5	0	1	0	2	0	2	2	28
Patents By Year of Application:	5	1	0	0	9	2	4	1	0	2	0	0	4	0	0	28
1400100 27 1041 01 1.55110401011		_					<u>-</u>			_			-			
Kerry's Bromeliad Nursery, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	10	18	0	0	0	0	0	0	28
Patents By Year of Application:	0	0	0	0	0	0	28	0	0	0	0	0	0	0	0	28
	-				•	-		-	-	-	•	-	-	-	•	
BARTELS BREEDING B.V.																
Patents By Year of Grant:	5	5	0	0	0	7	1	0	0	0	3	6	0	0	0	27
Patents By Year of Application:	10	0	0	0	8	0	0	0	0	6	3	0	0	0	0	27
			-		-	-	-	-	-	-	-	-	-	-		
BLOOMS OF BRESSINGHAM LTD.																
Patents By Year of Grant:	19	4	1	3	0	0	0	0	0	0	0	0	0	0	0	27
Patents By Year of Application:	23	1	3	0	0	0	0	0	0	0	0	0	0	0	0	27
KIEFT BLOEM ZADEN, B.V.																
Patents By Year of Grant:	0	0	0	9	11	3	4	0	0	0	0	0	0	0	0	27
Patents By Year of Application:	0	0	4	17	2	4	0	0	0	0	0	0	0	0	0	27
-1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -		,				,	-	,	,	,		•	-	-	,	
MAK 'T ZAND B.V.																
Patents By Year of Grant:	0	0	0	0	2	5	10	0	2	0	0	3	0	4	1	27
Patents By Year of Application:	0	0	0	7	10	0	0	2	0	3	0	4	1	0	0	27
		,	J	•		<u> </u>	-	-	J	,		-	-		,	
SUNNY GRONNEGYDEN APS																
Patents By Year of Grant:	0	0	0	0	1	3	4	1	7	4	3	0	1	2	1	27
Patents By Year of Application:	0	0	0	4	4	0	8	1	3	3	1	2	1	0	0	27
- Lateries D, rear or reprication.		J	<u> </u>	-	-						-		-		<u> </u>	٠,

PLANT PATENTS REPORT															Page	B - II
Organizational Patenting	ı			(Grante	ed: Jan 0	1, 1991	- Dec 31	, 2015)	R	Ranked Li	st of Or	ganizati	ons with	5 or 1	More Pat	cents
	Pre															
	2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
UNIVERSITY OF ARKANSAS																
Patents By Year of Grant:	9	4	0	1	1	0	0	0	0	2	0	2	0	2	6	27
Patents By Year of Application:	13	1	0	1	0	0	0	2	0	2	2	1	5	0	0	27
VISIO PLANT																
Patents By Year of Grant:	0	0	0	0	7	10	0	0	0	5	0	4	0	0	0	26
Patents By Year of Application:	0	0	0	17	0	0	0	0	5	0	4	0	0	0	0	26
Florist de Kwakel B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	7	10	8	0	0	0	25
Patents By Year of Application:	0	0	0	0	0	0	0	0	11	14	0	0	0	0	0	25
KIRIN BREWERY CO., LTD.																
Patents By Year of Grant:	0	2	12	0	1	1	8	1	0	0	0	0	0	0	0	25
Patents By Year of Application:	0	14	0	2	1	8	0	0	0	0	0	0	0	0	0	25
			v	-	-	Ü	v	Ū	Ū	Ū	v	v	v	v	Ū	23
UNIVERSITY OF MINNESOTA, THE REGENTS																
Patents By Year of Grant:	5	1	2	5	0	2	2	4	3	0	0	0	0	0	1	25
Patents By Year of Application:	14	0	0	1	2	3	3	1	0	0	0	0	1	0	0	25
CEBECO LILIES, INC.																
Patents By Year of Grant:	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24
Patents By Year of Application:	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24
Compass Plants B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	3	8	4	1	3	0	3	2	0	24
Patents By Year of Application:	0	0	0	0	3	0	8	4	4	0	3	0	2	0	0	24
CORNELL RESEARCH FOUNDATION INC.																
Patents By Year of Grant:	14	1	2	0	0	5	1	1	0	0	0	0	0	0	0	24
Patents By Year of Application:	19	0	0	2	2	1	0	0	0	0	0	0	0	0	0	24
KLEMM & SOHN																
Patents By Year of Grant:	23	1	0	0	0	0	0	0	0	0	0	0	0	0	0	24
Patents By Year of Application:	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24
KOPPE ROYALTY B. V.																
Patents By Year of Grant:	0	0	0	1	0	3	1	4	3	1	2	1	2	6	0	24
Patents By Year of Application:	0	0	0	1	3	2	3	3	2	1	3	6	0	0	0	24
THE STATE OF ISRAEL - MINISTRY OF AG	RICULTURE	& RURAL	DEVELOR	PMENT, AG	RICULTUR	AL RESEA	RCH ORGA	NIZATION	ī							
		_							_		_			_	_	

Patents By Year of Grant:

Patents By Year of Application:

Ounceinstians 1 Patantina				( C	.a	1 1001	D-= 21	2015)	-		0			F	Mana Dat	
Organizational Patenting				(Grante	ea: Jan U	1, 1991	- Dec 31	, 2015)	В	kanked Li	st or Or	ganizati	ons with	5 or	more Pat	ents
	Pre															
	2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
CHICAGOLAND GROWS, INC.																
Patents By Year of Grant:	0	0	0	1	0	1	0	2	2	1	0	2	3	1	10	23
Patents By Year of Application:	0	0	1	1	0	1	2	1	1	1	3	2	5	5	0	23
PLANTAS DE NAVARRA S.A.																
Patents By Year of Grant:	8	0	1	5	1	3	0	0	1	0	0	1	1	1	1	23
Patents By Year of Application:	9	6	3	0	0	0	0	1	0	1	1	2	0	0	0	23
AGRICULTURE AND AGRI-FOOD CANADA																
Patents By Year of Grant:	4	0	0	0	1	1	4	3	5	0	1	0	1	2	0	22
Patents By Year of Application:	4	2	1	3	2	0	6	0	0	2	0	2	0	0	0	22
C.I.V. CONSORZIO ITALIANO VIVAISTI -					_	_	_	_	_	_	_	_	_	_	_	
Patents By Year of Grant:	3	0	1	0	0	0	0	2	0	0	1	2	5 3	6	2	22
Patents By Year of Application:	4	0	0	0	0	1	1	0	1	0	8	4	3	0	0	22
CONTRACTOR OF THE CONTRACTOR OF THE																
GRUNEWALD VEREDLINGS B.V.	•	•	•	_	-	•	_	•		8	1	•	•	•	•	22
Patents By Year of Grant:	0	0	0 6	5	1 3	0 3	6	0 7	1 3	8	0	0	0	0	0	22 22
Patents By Year of Application:	0	U	6	0	3	3	0	7	3	U	U	U	U	0	0	22
DITTI TO DECIMENTATION THE																
BULLIS BROMELIADS, INC.	3	1	0	0	0	0	0	0	1	3	1	12	0	0	0	21
Patents By Year of Grant: Patents By Year of Application:	4	0	0	0	0	0	1	0	4	12	0	0	0	0	0	21
racence by rear or Appricacion:	7	U	U	U	U	U		U	4	12	U	U	U	U	U	21
DELIFLOR ROYALTY B.V.																
Patents By Year of Grant:	0	0	4	7	2	2	3	0	0	0	1	0	0	2	0	21
Patents By Year of Application:	0	4	7	4	3	0	0	0	0	1	0	2	0	0	0	21
racence by rear or apprication:	J	-	,		,	J	· ·	J	J	-	J J			J	J	21
HER MAJESTY THE QUEEN IN RIGHT OF CAN	ADA, AS	REPRESEN	TED BY T	HE MINIS	TER OF A	GRICULTU	IRE									
Patents By Year of Grant:	18	1	1	0	0	1	0	0	0	0	0	0	0	0	0	21
Patents By Year of Application:	20	0	0	1	0	0	0	0	0	0	0	0	0	0	0	21
					•								•			
J. FRANK SCHMIDT & SON CO.																
Patents By Year of Grant:	10	0	1	0	0	1	0	0	0	1	2	2	2	1	1	21
Patents By Year of Application:	10	1	0	0	1	0	0	1	1	4	1	1	1	0	0	21
HORTICULTURE AND FOOD RESEARCH INSTIT	UTE OF N	EW ZEALA	ND LIMIT	ED												
Patents By Year of Grant:	6	0	7	2	0	0	2	2	0	1	0	0	0	0	0	20
Patents By Year of Application:	11	5	0	1	1	1	0	1	0	0	0	0	0	0	0	20
JOSEPH + LUC PIETERS BVBA																
Patents By Year of Grant:	0	0	3	2	1	1	0	0	0	0	2	6	1	0	4	20
Patents By Year of Application:	0	3	2	1	1	0	0	0	0	0	9	0	4	0	0	20

Organizational Patenting				(Granted	d: Jan 01	, 1991 -	- Dec 31,	2015)	F	Ranked Lis	st of Or	ganizati	ons with	5 or	More Pat	ents	
	Pre																
	2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL	
MILESTONE AGRICULTURE INC.																	
Patents By Year of Grant:	19	1	0	0	0	0	0	0	0	0	0	0	0	0	0	20	

	Pre															
	2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
MILESTONE AGRICULTURE INC.																
Patents By Year of Grant:	19	1	0	0	0	0	0	0	0	0	0	0	0	0	0	20
Patents By Year of Application:	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
International Fruit Genetics, LLC							_			_					_	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	2	0	1	0	5	6	5	19
Patents By Year of Application:	0	0	0	0	0	0	0	2	1	0	6	5	3	2	0	19
P. KOOIJ + ZONEN B.V.	2		•	•	•	•	_			•	•	•	•	•	•	10
Patents By Year of Grant:	3	4	0	0	0 7	0	7	1	4	0	0	0	0	0	0	19
Patents By Year of Application:	7	0	0	0	7	1	0	4	0	Ü	0	0	0	0	0	19
Roses Forever ApS																
	0	0	•	0	0	0	1	12	•	3	0	^	0	1	0	19
Patents By Year of Grant: Patents By Year of Application:	0	0	0	0	1	0	1 13	1	2	0	0	0	0	1	0	19
racenes by rear or Apprication:	U	U	U	U	_	U	13	_	3	U	U	_	U	U	U	19
SYNGENTA PARTICIPATIONS AG																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	11	3	0	0	0	0	5	19
Patents By Year of Application:	0	0	0	0	0	0	0	14	0	0	0	0	1	4	0	19
racence by rear or apprication.	· ·	·	Ū	Ū	Ū	Ū	· ·		Ū	· ·	· ·	Ū	_	-	Ū	17
TREE INTRODUCTIONS, INC.																
Patents By Year of Grant:	8	0	5	0	0	2	1	0	3	0	0	0	0	0	0	19
Patents By Year of Application:	12	1	0	2	1	3	0	0	0	0	0	0	0	0	0	19
-																
TWYFORD PLANT LABORATORIES, INC.																
Patents By Year of Grant:	5	14	0	0	0	0	0	0	0	0	0	0	0	0	0	19
Patents By Year of Application:	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
WASHINGTON STATE UNIVERSITY RESEARCH	FOUNDATI	ON														
Patents By Year of Grant:	7	0	0	1	3	0	2	0	1	1	1	1	1	1	0	19
Patents By Year of Application:	7	1	3	0	2	0	2	0	1	1	1	1	0	0	0	19
DALINA APS																
Patents By Year of Grant:	0	0	0	0	3	1	0	3	1	2	1	4	3	0	0	18
Patents By Year of Application:	0	0	0	4	0	0	4	0	2	1	7	0	0	0	0	18
ERNST BENARY SAMENZUCHT GMBH																
Patents By Year of Grant:	0	0	0	0	1	1	5	7	4	0	0	0	0	0	0	18
Patents By Year of Application:	0	0	0	1	4	3	8	2	0	0	0	0	0	0	0	18
GEBR. VLETTER & J.A. DEN HAAN																
Patents By Year of Grant:	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18

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Patents By Year of Application:

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Organizational Patenting				(Grante	ed: Jan 0	1, 1991	- Dec 31	, 2015)	F	Ranked Li	st of Or	ganizati	ons with	5 or	More Pat	ents
	_															
	Pre 2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
Kolster Beheer B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	4	10	3	0	0	0	0	18
Patents By Year of Application:	0	0	0	0	0	1	0	14	0	3	0	0	0	0	0	18
OUTBACK PLANTS PTY. LTD.																
Patents By Year of Grant:	10	1	1	0	0	0	0	0	1	2	2	1	0	0	0	18
Patents By Year of Application:	11	1	0	0	0	0	0	2	1	2	1	0	0	0	0	18
PARADISE SEED COMPANY																
Patents By Year of Grant:	0	0	0	0	5	1	3	2	2	0	0	0	0	5	0	18
Patents By Year of Application:	0	0	0	5	3	1	2	2	0	0	0	5	0	0	0	18
SHADY OAKS NURSERY, LLC																
Patents By Year of Grant:	0	3	0	0	0	10	1	0	3	1	0	0	0	0	0	18
Patents By Year of Application:	3	0	0	2	9	0	2	2	0	0	0	0	0	0	0	18
FLORANOVA LTD.																
Patents By Year of Grant:	0	0	7	0	1	0	0	0	4	5	0	0	0	0	0	17
Patents By Year of Application:	0	7	0	1	0	0	0	9	0	0	0	0	0	0	0	17
KENT'S BROMELIAD NURSERY, INC.																
Patents By Year of Grant:	13	4	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
Knaap Licenties B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	4	4	3	5	0	1	0	0	0	17
Patents By Year of Application:	0	0	0	0	4	3	2	5	2	1	0	0	0	0	0	17
OMS INVESTMENTS, INC.																
Patents By Year of Grant:	12	1	0	0	0	0	0	3	0	1	0	0	0	0	0	17
Patents By Year of Application:	13	0	0	0	2	2	0	0	0	0	0	0	0	0	0	17
AGRI OBTENTIONS S.A.																
Patents By Year of Grant:	1	1	0	0	2	6	4	0	1	0	1	0	0	0	0	16
Patents By Year of Application:	2	0	6	4	2	0	0	1	0	1	0	0	0	0	0	16
AMERICAN FORESTRY TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	8	2	4	2	0	0	0	0	0	0	0	0	16
Patents By Year of Application:	0	10	0	6	0	0	0	0	0	0	0	0	0	0	0	16
Aris Horticulture, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	2	1	0	11	2	0	16
Patents By Year of Application:	0	0	0	0	0	0	0	0	3	0	10	3	0	0	0	16
	-	-			-		-					-	-	-		

Organizational Patenting	(Granted: Jan 01, 1991 - Dec 31, 2015)	Ranked List of Organizations with 5 or More Patents
Pre		

Pre         2002       2002       2003       2004       2005       2006       2007       2008       2009       2010       2011       2012       2013       2014       2015       TOTAL         Ecke Geraniums LLC         Patents By Year of Grant:       0       0       0       0       0       1       4       7       3       0       1       0       0         Patents By Year of Application:       0       0       0       0       0       1       9       4       1       1       0       0       0       0	AL
Ecke Geraniums LLC Patents By Year of Grant: 0 0 0 0 0 0 1 4 7 3 0 1 0 0	AL
Patents By Year of Grant: 0 0 0 0 0 0 1 4 7 3 0 1 0 0	
Patents By Year of Grant: 0 0 0 0 0 0 0 1 4 7 3 0 1 0 0	
·	16
racents by leaf of Application.	16
	10
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	16
J. & H. Westhoff Interpel	
Patents By Year of Grant: 0 0 0 0 0 5 7 3 1 0 0 0 0 0 0 Patents By Year of Application: 0 0 0 0 10 3 3 0 0 0 0 0 0 0 0	16 16
Patents By Year of Application: 0 0 0 0 10 3 3 0 0 0 0 0 0 0 0	10
KONST BREEDING B.V.	
Patents By Year of Grant: 0 0 0 0 4 0 0 1 2 1 3 1 0 4 0	16
Patents By Year of Application: 0 0 0 4 0 1 0 2 1 3 1 4 0 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 0	16
Patents By Year of Application: 16 0 0 0 0 0 0 0 0 0 0 0 0 0 0	16
Suphachatwong Innovation, Co. Ltd.	
Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 0 0 0 0 15 1	16
Patents By Year of Application: 0 0 0 0 0 0 0 0 0 0 7 9 0 0	16
BALL SEED CO., A DIVISION OF GEO. J. BALL, INC.	
Patents By Year of Grant: 15 0 0 0 0 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 0	15
CALIFORNIA-FLORIDA PLANT CORPORATION	
Patents By Year of Grant: 0 0 0 0 7 3 0 0 5 0 0 0 0 0	15
Patents By Year of Application: 0 0 0 0 10 0 0 5 0 0 0 0 0 0	15
D.H.M. Innovation S.A.S.	
Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 0 0 0 11 1 3	15
	15 15
Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 0 0 0 0 11 1 3 Patents By Year of Application: 0 0 0 0 0 0 0 0 0 0 12 3 0 0	
Patents By Year of Grant:       0<	15
Patents By Year of Grant:       0<	15
Patents By Year of Grant:       0<	15
Patents By Year of Grant:       0<	15
Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 11 1 3  Patents By Year of Application: 0 0 0 0 0 0 0 0 0 0 0 0 0 12 3 0 0  ETS. GUILLOU FRERES  Patents By Year of Grant: 13 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  Patents By Year of Application: 15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15

Organizational Patenting				(Grante	ed: Jan 0	1, 1991	- Dec 31,	, 2015)	F	Ranked Li	st of Or	ganizati	ons with	5 or	More Pat	ents
	Pre 2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
	2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
MOZANT LLC																
Patents By Year of Grant:	1	3	4	7	0	0	0	0	0	0	0	0	0	0	0	15
Patents By Year of Application:	12	3	0	0	0	0	0	0	0	0	0	0	0	0	0	15
Sakata Ornamentals Europe A/S																
Patents By Year of Grant:	0	0	0	0	0	0	0	3	1	2	0	2	0	6	1	15
Patents By Year of Application:	0	0	0	0	0	0	3	1	2	2	0	2	4	1	0	15
SUNNY BORDER NURSERIES, INC.	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	
Patents By Year of Grant:	0	1	0	0	3	3	0	0	4	2	1	1	0	0	0	15
Patents By Year of Application:	1	0	0	6	0	0	2	2	2	1	0	1	0	0	0	15
VLETTER & DEN HAAN BEHEER B.V.																
Patents By Year of Grant:	2	2	0	2	5	4	0	0	0	0	0	0	0	0	0	15
Patents By Year of Application:	10	0	5	0	0	0	0	0	0	0	0	0	0	0	0	15
racence by rear or apprication.		•	,		•	•		· ·	· ·			•	•	•	· ·	13
VOF Hortipartners																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	0	0	3	0	2	7	2	15
Patents By Year of Application:	0	0	0	0	0	0	1	0	0	0	3	9	2	0	0	15
WILLI ENDISCH GBR																
Patents By Year of Grant:	0	0	0	0	7	2	0	5	0	1	0	0	0	0	0	15
Patents By Year of Application:	0	0	0	8	1	0	5	0	1	0	0	0	0	0	0	15
Head's Select, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	4	0	0	0	10	0	14
Patents By Year of Application:	0	0	0	0	0	0	0	0	4	0	0	10	0	0	0	14
Hydrangea Breeders Association B.V.	^	•	^	0	^	•	^	^	^	^	^	^	1	^	1.0	1.4
Patents By Year of Grant:	0	0	0	0	0	0	0	0 0	0 0	0	0 1	0 0	10	0 3	13 0	14 14
Patents By Year of Application:	U	U	U	U	U	U	U	U	U	U	1	U	10	3	U	14
INTERNATIONAL PLANT MANAGEMENT, INC.																
Patents By Year of Grant:	8	2	1	0	0	1	0	0	1	1	0	0	0	0	0	14
Patents By Year of Application:	11	0	0	1	0	0	0	2	0	0	0	0	0	0	0	14
				_	,	,		-								<del></del>
Kuhne Jungpflanzen GbR Claus + Torster	Kuhne															
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	5	2	4	2	1	14
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	5	6	2	1	0	0	14
LOUISIANA STATE UNIVERSITY																
Patents By Year of Grant:	0	0	1	2	0	0	1	2	2	0	0	0	2	0	4	14
Patents By Year of Application:	1	2	0	1	0	2	2	0	0	0	2	3	1	0	0	14

Organizational Patenting	(Granted: Jan 01, 1991 - Dec 31, 2015)	Ranked List of Organizations with 5 or More Patents

	Pre															
	2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
MISSISSIPPI STATE UNIVERSITY																
Patents By Year of Grant:	4	0	0	0	0	0	0	0	0	3	0	0	2	5	0	14
Patents By Year of Application:	4	0	0	0	0	0	0	2	1	0	2	5	0	0	0	14
SAATZUCHT QUEDLINBURG GMBH																
Patents By Year of Grant:	14	0	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
Advanced Plant Technologies LLC																
Patents By Year of Grant:	0	0	0	0	0	1	11	1	0	0	0	0	0	0	0	13
Patents By Year of Application:	0	0	0	0	1	12	0	0	0	0	0	0	0	0	0	13
ASTERKLUBBEN																
Patents By Year of Grant:	6	4	0	2	0	0	0	0	1	0	0	0	0	0	0	13
Patents By Year of Application:	6	4	0	2	0	0	1	0	0	0	0	0	0	0	0	13
AUBURN UNIVERSITY																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	7	3	3	0	0	0	0	13
Patents By Year of Application:	0	0	0	0	0	0	0	10	0	3	0	0	0	0	0	13
BERRY GENETICS, INC.							_								_	
Patents By Year of Grant:	0	6	0	0	0	0	2	0	0	0	0	3	0	0	2	13
Patents By Year of Application:	6	0	0	0	2	0	0	0	0	0	3	0	2	0	0	13
BLOOMZ LIMITED																
Patents By Year of Grant:	0	0	0	4	3	0	2	0	4	0	0	0	0	0	0	13
Patents By Year of Application:	0	0	4	3	2	0	2	2	0	0	0	0	0	0	0	13
Floraquest Pty. Ltd.	•	^	^	•	•	•	•	•	^	2		7	^	•	^	1.2
Patents By Year of Grant: Patents By Year of Application:	0	0	0	0	0	0	0	0	0	3	1 5	2	0	2	0	13 13
GOLDEN STATE BULB GROWERS, INC.	U	U	U	U	U	U	U	3	U	3	5	2	U	U	U	13
Patents By Year of Grant:	4	4	0	0	0	0	1	0	0	0	0	0	0	4	0	13
Patents By Year of Application:	8	0	0	0	1	0	0	0	0	0	0	4	0	0	0	13
OGLESBY PLANT LABORATORIES, INC.	0	Ū	Ū	Ū	-	Ū	Ū	Ū	Ū	Ū	Ū	7	v	Ū	v	13
Patents By Year of Grant:	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Patents By Year of Application:	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
ROSEN TANTAU MATHIAS TANTAU NACHFOLGER																
Patents By Year of Grant:	1	2	2	1	1	3	2	0	1	0	0	0	0	0	0	13
Patents By Year of Application:	4	2	1	4	1	0	1	0	0	0	0	0	0	0	0	13
racenes by rear or appricacion:	-	2	_	-	-	Ü	-	Ū	Ü	Ū	Ü	Ü	Ü	J	U	

		Pre															
Patents		Pre															
Patents		2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
Patents		2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
Patents	TES S.T.																
	By Year of Grant:	0	0	0	0	0	0	0	0	3	10	0	0	0	0	0	13
	By Year of Application:	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	13
1 4 5 5 1 1 5	27 Iour or imprisonorous																
SOCIETE ANO	NYME DES PEPINIERES ET ROS	ERAIES G	EORGES D	ELBARD													
Patents	By Year of Grant:	8	3	1	0	0	1	0	0	0	0	0	0	0	0	0	13
	By Year of Application:	12	0	0	1	0	0	0	0	0	0	0	0	0	0	0	13
	• • • • • • • • • • • • • • • • • • • •																
WOLFGANG BO	OCK PFLANZENEXPORT KG																
	By Year of Grant:	12	0	0	0	0	0	0	1	0	0	0	0	0	0	0	13
	By Year of Application:	12	0	0	0	0	1	0	0	0	0	0	0	0	0	0	13
COINER NURS	BERY																
Patents	By Year of Grant:	2	3	1	0	3	3	0	0	0	0	0	0	0	0	0	12
Patents	By Year of Application:	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
DENACHTVLIN	IDER B.V.																
Patents	By Year of Grant:	8	3	0	0	0	0	0	1	0	0	0	0	0	0	0	12
Patents	By Year of Application:	11	0	0	0	0	1	0	0	0	0	0	0	0	0	0	12
D. S. COLE	GROWERS, INC.																
Patents	By Year of Grant:	6	5	0	1	0	0	0	0	0	0	0	0	0	0	0	12
Patents	By Year of Application:	11	1	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Fall Creek	Farm and Nursery, Inc.																
Patents	By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	2	8	2	12
Patents	By Year of Application:	0	0	0	0	0	0	0	0	0	0	2	8	2	0	0	12
	LE GROWERS, INC.																
	By Year of Grant:	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Patents	By Year of Application:	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
HEM GENETIC																	
	By Year of Grant:	0	3	9	0	0	0	0	0	0	0	0	0	0	0	0	12
Patents	By Year of Application:	3	9	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Hilverda Ko		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	
	By Year of Grant:	0	0	0	0	0	0	0	0	0	0	3	0	0	6	3	12
Patents	By Year of Application:	0	0	0	0	0	0	0	0	0	3	1	5	3	0	0	12
	70. 7 777																
MIYOSHI & C		-	•		•		•		•	•	•	•	•	•	•	•	10
	By Year of Grant:	7	0	1	0	1	2	1	0	0	0	0	0	0	0	0	12
Patents	By Year of Application:	7	1	2	0	2	0	0	0	0	0	0	0	0	0	0	12

 Organizational Patenting	(Granted: Jan 01,	1991	- Dec 31	, 2015)	 Ranked List of	Organizations wit	h 5	or Mor	re Patents	

Jan				(		-,		,,				J					
	Pre																
	2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL	
Plants Nouveau, LLC			•												_		
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	3	2	6	1	12	
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	3	2	2	5	0	0	12	
STATE OF ISRAEL, MINISTRY OF AGRICULT	URE. AGR	CULTURA	L RESEAR	CH ORGAN	IZATION,	THE VOL	CANI CEN	TER									
Patents By Year of Grant:	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	
Patents By Year of Application:	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	
WULFINGHOFF ALSTROEMERIA B.V.																	
Patents By Year of Grant:	1	1	1	2	1	0	1	0	0	1	2	0	0	0	2	12	
Patents By Year of Application:	2	4	0	0	1	0	0	1	0	2	0	0	2	0	0	12	
Agricultural Research & Development																	
Patents By Year of Grant:	о птс	0	0	0	0	2	0	0	0	0	7	1	0	0	1	11	
Patents By Year of Application:	0	0	0	0	2	0	0	0	0	8	0	0	0	1	0	11	
racenes by rear or approaches.	·	·	·	ŭ	-	·	ŭ	Ū	ŭ	Ū	·	ŭ	·	-	·		
CENTERTON NURSERY, INC.																	
Patents By Year of Grant:	1	0	4	1	0	1	0	1	3	0	0	0	0	0	0	11	
Patents By Year of Application:	5	0	1	1	0	1	2	1	0	0	0	0	0	0	0	11	
Ecke Ranch B.V.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	8	3	11	
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	0	11	0	0	11	
GARTNERIET PKM APS	0	0	0	2	4	_	0	0	0	0	0	0	0	0	0	11	
Patents By Year of Grant: Patents By Year of Application:	0	0	0 7	1	3	5	0	0	0	0	0	0	0	0	0	11	
racenes by rear or appricacion:	U	U	,	_	3	U	U	U	U	U	U	U	U	U	U		
GREENLEAF NURSERY COMPANY																	
Patents By Year of Grant:	3	0	0	0	0	0	0	0	2	2	0	0	2	0	2	11	
Patents By Year of Application:	3	0	0	0	0	0	2	0	2	0	1	2	1	0	0	11	
H. AND B.R. VAN DEN BOSCH B.V.																	
Patents By Year of Grant:	5	1	3	1	0	1	0	0	0	0	0	0	0	0	0	11	
Patents By Year of Application:	6	3	1	0	1	0	0	0	0	0	0	0	0	0	0	11	
THE DIAM DISTRICT																	
INTER-PLANT PATENT MARKETING, INC.	11	0	0	0	0	0	0	0	•	0	0	0	0	0	0	11	
Patents By Year of Grant: Patents By Year of Application:	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	
ratenes by rear or apprication:	11	U	U	U	U	U	U	U	U	U	U	U	U	U	J	11	
Nubilus B.V.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	1	1	5	4	11	
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	2	4	5	0	0	11	

Organizational Patenting				(Cmanta	d. Tan 0	1 1001	Dog 21	2015)		ankad Ti	at of Om	~~~! <del>~</del> ~+!	ona with	E 0m 1	Mama Dat	cents
Organizational Patenting				(Grante	ed: Jan U	1, 1991	- Dec 31,	, 2015)	K	kanked Li	st or or	ganizati	ons with	5 OF 1	more Pat	tents
	Pre															
	2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
Ramm Botanicals Holdings Pty. Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	3	0	3	2	0	0	0	1	2	11
Patents By Year of Application:	0	0	0	0	0	3	0	4	1	0	0	0	3	0	0	11
STATE OF ISRAEL - MINISTRY OF AGRICUL	TURE AND	RURAL I	EVELOPME	ENT												
Patents By Year of Grant:	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	11
Patents By Year of Application:	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
SUNVIEW VINEYARDS OF CALIFORNIA, INC.																
Patents By Year of Grant:	0	0	1	5	2	1	0	0	0	0	0	0	0	2	0	11
Patents By Year of Application:	0	9	0	0	0	0	0	0	0	0	0	2	0	0	0	11
SUN WORLD, INC.																
Patents By Year of Grant:	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
Patents By Year of Application:	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
TEXAS A AND M UNIVERSITY																
Patents By Year of Grant:	5	1	2	2	0	0	0	0	0	0	0	0	0	0	1	11
Patents By Year of Application:	6	4	0	0	0	0	0	0	0	0	0	0	1	0	0	11
C.I. Valmar S.A.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	3	7	0	0	0	0	10
Patents By Year of Application:	0	0	0	0	0	0	0	0	4	6	0	0	0	0	0	10
Claus & Torsten Kuhne GbR																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	3	4	3	0	0	0	0	10
Patents By Year of Application:	0	0	0	0	0	0	3	4	2	1	0	0	0	0	0	10
CLEARWATER NURSERY, 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
DAI-ICHI SEED CO., LTD.																
Patents By Year of Grant:	0	0	0	0	1	0	2	0	0	0	2	2	3	0	0	10
Patents By Year of Application:	0	0	0	1	0	2	0	0	0	2	3	2	0	0	0	10
DELIFLOR CHRYSANTEN B.V.																
Patents By Year of Grant:	1	1	3	0	1	0	3	0	0	1	0	0	0	0	0	10
Patents By Year of Application:	3	2	0	1	3	0	0	0	1	0	0	0	0	0	0	10
Early Morning LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	7	3	10
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	7	3	0	0	10

Organizational Patenting (Granted: Jan 01, 1993	- Dec 31, 2015) Ranked List of Organizations with 5 or More Patents
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	Pre															
	2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
ETERNAL PLANT B.V.																
Patents By Year of Grant:	0	0	0	1	0	0	0	0	2	1	0	0	0	3	3	10
Patents By Year of Application:	0	0	1	0	0	0	1	1	1	0	0	0	5	1	0	10
GILBERG PERENNIAL FARMS, INC.																
Patents By Year of Grant:	6	0	4	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
Graff Breeding A/S																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	1	1	2	4	0	2	10
Patents By Year of Application:	0	0	0	0	0	0	0	0	2	2	4	1	0	1	0	10
GroLink Plant Company	0	•	•	•	•	•	•	•	10	•	•	•	•	•	•	10
Patents By Year of Grant: Patents By Year of Application:	0	0	0	0	0	0	0 4	0 6	10	0	0	0	0	0	0	10 10
-	Ü	U	U	U	U	U	*	0	U	U	U	U	U	Ü	U	10
HORTIBREED N.V.	1	0	^	1	^		0	•	•	2	1	^	^	•	1	10
Patents By Year of Grant:	1	0	0	3	0	4	0	0	0	0	1	0	0	0	1	10 10
Patents By Year of Application:  INSPIRATION PLANT CV	1	U	1	3	1	U	U	2	1	U	U	U	1	U	U	10
Patents By Year of Grant:	0	0	0	8	1	0	1	0	0	0	0	0	0	0	0	10
Patents By Year of Application:	0	0	9	0	1	0	0	0	0	0	0	0	0	0	0	10
KOPPE VEREDELING B.V.																
Patents By Year of Grant:	4	2	3	1	0	0	0	0	0	0	0	0	0	0	0	10
Patents By Year of Application:	6	3	1	0	0	0	0	0	0	0	0	0	0	0	0	10
PURDUE RESEARCH FOUNDATION																
Patents By Year of Grant:	3	1	3	0	0	2	1	0	0	0	0	0	0	0	0	10
Patents By Year of Application:	7	0	0	2	1	0	0	0	0	0	0	0	0	0	0	10
SANDE BV																
Patents By Year of Grant:	1	1	0	2	0	0	2	1	0	0	0	0	0	3	0	10
Patents By Year of Application:	2	1	1	0	1	2	0	0	0	0	3	0	0	0	0	10
Schoenmakers Tropische Potcultures VOF	,															
Patents By Year of Grant:	0	0	0	0	0	6	4	0	0	0	0	0	0	0	0	10
Patents By Year of Application:	0	0	0	0	9	1	0	0	0	0	0	0	0	0	0	10
UNIVERSITY OF FLORIDA																
Patents By Year of Grant:	5	0	0	0	0	0	0	4	1	0	0	0	0	0	0	10
Patents By Year of Application:	5	0	0	0	0	0	4	1	0	0	0	0	0	0	0	10

Omgoriantianal Datastian				(0	d. T ^	1 1001	Do = 21	2015	_	lankad Ti	at of 0-		ong tilt?	E	Mama Del	onta
Organizational Patenting				(Grante	ed: Jan 0	1, 1991	- Dec 31	, 2015)	R	anked Li	st of Or	ganızatı	ons with	5 or	More Pat	ents
	Pre															
	2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
UNIVERSITY OF NEBRASKA, THE BOARD OF																
Patents By Year of Grant:	5	0	1	0	0	0	0	0	4	0	0	0	0	0	0	10
Patents By Year of Application:	6	0	0	0	0	0	3	1	0	0	0	0	0	0	0	10
THE PARTY OF GURNEY PLANT PREFERRE		G0777														
UNIVERSITY OF SYDNEY PLANT BREEDING	INSTITUTE 10	, COBBI1	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Patents By Year of Grant: Patents By Year of Application:	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Patents by Year of Application:	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	10
VERSASCAPES L.L.C.																
Patents By Year of Grant:	0	0	0	1	1	0	2	6	0	0	0	0	0	0	0	10
Patents By Year of Application:	0	0	2	1	5	2	0	0	0	0	0	0	0	0	0	10
resolution of imperiodicion.									J						, , , , , , , , , , , , , , , , , , ,	
WITTEMAN + CO. MULTIFLORA B.V.																
Patents By Year of Grant:	2	7	1	0	0	0	0	0	0	0	0	0	0	0	0	10
Patents By Year of Application:	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	10
ADAMS COUNTY NURSERY, INC.																
Patents By Year of Grant:	7	0	0	1	1	0	0	0	0	0	0	0	0	0	0	9
Patents By Year of Application:	7	0	1	1	0	0	0	0	0	0	0	0	0	0	0	9
AGRI-STARTS INC.																
Patents By Year of Grant:	4	0	0	0	0	0	3	0	0	0	1	0	0	0	1	9
Patents By Year of Application:	4	0	0	0	0	3	0	0	1	0	0	0	1	0	0	9
AGROMILLORA IBERIA, S.L.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	4	1	0	1	3	0	9
Patents By Year of Application:	0	0	0	0	0	0	0	0	5	0	1	3	0	0	0	9
COOPERATIEVE VERENIGING WERKGROEP HI																
Patents By Year of Grant:	0	0	4	4	1	0	0	0	0	0	0	0	0	0	0	9
Patents By Year of Application:	0	4	5	0	0	0	0	0	0	0	0	0	0	0	0	9
FLORICA FARMS, INC.	•		•	•	•	•	•	•	•	•	•	•	•	_	•	
Patents By Year of Grant:	0	1	0	0	0	0	0	0	0	2	0	0	0	6	0	9
Patents By Year of Application:	1	0	0	0	0	0	0	1	1	0	0	5	1	0	0	9
GOLDSTOCK BREEDING LIMITED																
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
racenes by rear or appricacion:	,	U	J	U	U	U	U	J	U	U	U	U	U	J	Ü	3
HOFFGAARDE B.V.																
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
- document of inspiroduction.							ŭ	, ,			•				ŭ	

 Organizational Patenting	(Granted: Jan 01, 1991 - Dec 31, 2015)	- Ranked List of Organizations with 5 or More Patents	

	Pre														0015	
	2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
INSTITUTE OF EXPERIMENTAL BOTANY																
Patents By Year of Grant:	0	0	0	0	3	0	0	3	0	2	0	0	0	0	1	9
Patents By Year of Application:	0	0	1	2	0	3	0	0	2	0	0	1	0	0	0	9
JOHN I. HAAS, INC.																
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
Lake Country Nursery																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8	9
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	9
Molter B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	2	1	0	0	6	0	0	0	9
Patents By Year of Application:	0	0	0	0	0	0	2	1	0	0	6	0	0	0	0	9
NATIVE PLANTS, 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
OASIS HORTICULTURE PTY, LTD.																
Patents By Year of Grant:	0	0	5	1	3	0	0	0	0	0	0	0	0	0	0	9
Patents By Year of Application:	2	3	4	0	0	0	0	0	0	0	0	0	0	0	0	9
SWEETBRIAR DEVELOPMENT 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
UNIVERSITY OF NEW HAMPSHIRE			•					_	•	•	•	•	•		•	
Patents By Year of Grant:	0	0	0	2	0	0	0 4	5 0	0	0	0	0	0	0	0	9
Patents By Year of Application:	U	U	2	U	U	3	4	U	U	U	U	U	U	U	U	9
Boot & Co. Boonkwekerijen B.V.	0	0	0	0	0	•	0	0	0	3	4	0	1	0	0	0
Patents By Year of Grant: Patents By Year of Application:	0	0	0	0	0	0	0	3	4	0	1	0	0	0	0	8
Brian's Botanicals	U	U	U	U	U	U	U	3	4	U	1	U	U	U	U	0
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	1	2	5	8
Patents By Year of Grant: Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	3	5	0	0	8
-	J	0	3	3	J	J	U	J	U	U	U	3	3	3	J	O
COLOR SPOT NURSERIES, INC.	6	1	0	0	0	0	0	0	0	1	0	0	0	0	0	8
Patents By Year of Grant:	6 7	1	0	0	0	0	0	1	0	0	0	0	0	0	0	8
Patents By Year of Application:	7	U	U	U	U	U	U	1	U	U	U	U	U	U	U	0

Organizational Patenting				(Granto	od .Tan O	1. 1001	- Dec 31	2015)	T	Panked Ii	st of or	ganizati	ong with	5 or	More Dat	ents
Organizacional Patenting				(Grance	a. Uan U	1, 1991	- Dec 31	, 2013)		variked III	BC OI OI	ganizati	OIIS WICII	3 OI .	MOIE Pat	Cerros
	Pre															
	2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
Floranova Service Corp.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	8
Patents By Year of Application:	0	0	0	0	0	0	0	0	4	4	0	0	0	0	0	8
FRUIT TREE RESEARCH STATION, MINISTRY		-														
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
G & G Breeding Corporation	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
Patents By Year of Grant:	0	0	0	0	0	0	5	3	0	0	0	0	0	0	0	8
Patents By Year of Application:	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	8
Change Washing Tables and James 1 7 W																
Green Works International B.V.	^	^	^	^		2		^	^	^	^	^	^	^	^	6
Patents By Year of Grant:	0	0 0	0	0 6	4 2	3 0	1 0	0	0	0	0 0	0 0	0	0	0	8 8
Patents By Year of Application:	U	U	U	ь	2	U	U	U	U	U	U	U	U	U	U	8
Handalakwakanii Hanbaiian waf																
Handelskwekerij Verheijen vof. Patents By Year of Grant:	0	0	0	0	0	5	1	2	0	0	0	0	0	0	0	8
_	0	0	0	1	5	2	0	0	0	0	0	0	0	0	0	8
Patents By Year of Application:	U	U	U	1	5	2	U	U	U	U	U	U	U	U	U	0
HEAD ORNAMENTALS, INC.																
Patents By Year of Grant:	1	1	0	1	0	0	1	2	0	2	0	0	0	0	0	8
Patents By Year of Application:	2	1	0	0	1	2	0	2	0	0	0	0	0	0	0	8
ratents by rear or apprication:			0	· ·		2			· ·			· ·	U	· ·	U	
Jelitto Staudensamen GmbH																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	3	0	4	0	1	8
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	3	4	0	0	1	0	8
1400105 57 1041 01 1157110401011											-			_		, and the second
J. Van Zoest Beheer B.V.																
Patents By Year of Grant:	0	0	1	0	0	0	0	0	0	0	0	0	5	1	1	8
Patents By Year of Application:	0	1	0	0	0	0	0	0	0	0	1	5	0	1	0	8
		_		•			•				_	-		_		-
K. Sahin Zaden B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	1	0	0	5	2	0	0	0	0	8
Patents By Year of Application:	0	0	0	0	0	1	0	5	0	2	0	0	0	0	0	8
LACEBARK, INC.																
Patents By Year of Grant:	0	0	1	2	0	3	0	0	0	0	0	0	2	0	0	8
Patents By Year of Application:	0	2	1	2	1	0	0	0	0	0	2	0	0	0	0	8
MAK Breeding Rights B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	2	1	0	1	3	1	8
Patents By Year of Application:	0	0	0	0	0	0	0	0	3	0	1	3	1	0	0	8

PLANT PATENTS REPORT															Page	B - 25	
Organizational Patenting				(Granted	l: Jan 0	1, 1991	- Dec 31,	2015)	1	Ranked Li	st of Or	ganizati	ons with	5 or	More Pat	tents	
	Pre																
	2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL	
Plants Nouveau a division of Treadwel	l Palmer	Interna	ational,	Inc.													
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	8	
Patents By Year of Application:	0	0	0	0	0	0	0	0	6	2	0	0	0	0	0	8	
Prevar Limited																	
Patents By Year of Grant:	0	0	0	0	0	0	2	0	1	0	3	0	0	2	0	8	
Patents By Year of Application:	0	0	0	2	0	1	0	0	1	2	0	2	0	0	0	8	
PRIDE OF PLACE PLANTS, INC.																	
Patents By Year of Grant:	2	2	0	3	1	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	
RESEARCH CORPORATION TECHNOLOGIES, IN	c.																
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	
RESEARCH FOUNDATION OF STATE UNIVERSI	TY OF NE	W YORK															
Patents By Year of Grant:	0	0	0	0	0	0	7	0	0	0	0	0	0	1	0	8	
Patents By Year of Application:	0	0	0	0	7	0	0	0	0	0	0	1	0	0	0	8	
SEQUOIA NURSERY																	
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	
SUNNY OSTEOSPERMUM APS																	
Patents By Year of Grant:	0	0	0	0	0	5	3	0	0	0	0	0	0	0	0	8	
Patents By Year of Application:	0	0	0	3	5	0	0	0	0	0	0	0	0	0	0	8	

Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	8
Patents By Year of Application:	0	0	0	0	0	0	0	0	6	2	0	0	0	0	0	8
Prevar Limited																
Patents By Year of Grant:	0	0	0	0	0	0	2	0	1	0	3	0	0	2	0	8
Patents By Year of Application:	0	0	0	2	0	1	0	0	1	2	0	2	0	0	0	8
PRIDE OF PLACE PLANTS, INC.																
Patents By Year of Grant:	2	2	0	3	1	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
RESEARCH CORPORATION TECHNOLOGIES, INC.																
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
RESEARCH FOUNDATION OF STATE UNIVERSITY	OF NEW	YORK														
Patents By Year of Grant:	0	0	0	0	0	0	7	0	0	0	0	0	0	1	0	8
Patents By Year of Application:	0	0	0	0	7	0	0	0	0	0	0	1	0	0	0	8
SEQUOIA NURSERY																
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
SUNNY OSTEOSPERMUM APS																
Patents By Year of Grant:	0	0	0	0	0	5	3	0	0	0	0	0	0	0	0	8
Patents By Year of Application:	0	0	0	3	5	0	0	0	0	0	0	0	0	0	0	8
UNIVERSITY OF TENNESSEE RESEARCH CORPOR	ATION															
Patents By Year of Grant:	5	3	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
AB Breeding																
Patents By Year of Grant:	0	0	0	0	0	5	0	0	2	0	0	0	0	0	0	7
Patents By Year of Application:	0	0	0	0	5	0	0	2	0	0	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	5	0	2	0	0	0	7
Patents By Year of Application:	0	0	0	0	0	0	0	3	2	2	0	0	0	0	0	7
BERRY BLUE, LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	7
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	7

Organizational Patenting				(Granto	od. Jan O	1 1991	- Deg 31	2015)	=	Panked Ii	gt of Or	ranizati.	one with	5 or 1	More Pat	ents
Organizational Patenting				(Grante	or Dail U	1, 1991	- Dec 31	, 2013)	F	ankeu Ll	SC OI OF	ganizati	Ons with	3 OF 1	MOLE Pat	encs
	Pre															
	2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
Better3Fruit N.V.	0	•	•	•	•	•	•	1	•	•	•	•	•	2	0	7
Patents By Year of Grant:	-	0 2	0	0	0	2 1	0	0	0	0 2	0	0	2 2	0		7
Patents By Year of Application:	0	2	U	0	0	1	0	0	U	2	0	0	2	0	0	7
BODGER SEEDS, LTD.																
Patents By Year of Grant:	1	0	0	5	1	0	0	0	0	0	0	0	0	0	0	7
Patents By Year of Application:	1	0	6	0	0	0	0	0	0	0	0	0	0	0	0	7
racents by rear or Application:			· ·	U	0	U	U		U		U	U	U	U	U	,
DEROOSE PLANTS BVBA																
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
racence by rear or appricacion:	,	U	J	U	U	Ū	J .	J	J	U	U	U	U	J	Ū	,
De Zonnebloem Breeding B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	2	2	1	2	0	0	7
Patents By Year of Application:	0	0	0	0	0	0	0	2	2	1	2	0	0	0	0	, 7
	,	J	J	J				_	_	_	_		_		,	•
ESSEX LABORATORIES, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	7
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	7
racenes 27 rear or inprinced													•			•
FLORETA PTY. LTD.																
Patents By Year of Grant:	0	0	0	2	3	1	0	1	0	0	0	0	0	0	0	7
Patents By Year of Application:	0	0	0	5	1	0	1	0	0	0	0	0	0	0	0	7
GARTNERIET HJORTEBJERG I/S																
Patents By Year of Grant:	0	0	0	5	2	0	0	0	0	0	0	0	0	0	0	7
Patents By Year of Application:	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	7
Gartneriet Raahoj																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	5	0	0	2	0	0	7
Patents By Year of Application:	0	0	0	0	0	0	0	0	5	0	2	0	0	0	0	7
Hamer Bloemzaden B.V.																
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	0	7	0	0	0	0	0	0	0	0	7
нва																
Patents By Year of Grant:	0	0	0	0	1	6	0	0	0	0	0	0	0	0	0	7
Patents By Year of Application:	0	0	0	1	6	0	0	0	0	0	0	0	0	0	0	7
Lommerse Holdings B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	2	0	5	7
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	1	1	0	5	0	0	7

	Pre															
	2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
MICHIGAN STATE UNIVERSITY						•							•	•		_
Patents By Year of Grant:	0	0	0	3	0	0	0	0	0	0	1	0	0	0	2	7 7
Patents By Year of Application:	0	0	3	0	1	U	U	0	1	U	0	U	2	0	0	7
PIET SCHREURS HOLDING B.V.																
Patents By Year of Grant:	2	0	0	1	2	2	0	0	0	0	0	0	0	0	0	7
Patents By Year of Application:	2	3	2	0	0	0	0	0	0	0	0	0	0	0	0	7
ROSES BY FRED EDMUNDS, INC.																
Patents By Year of Grant:	6	0	0	1	0	0	0	0	0	0	0	0	0	0	0	7
Patents By Year of Application:	6	0	1	0	0	0	0	0	0	0	0	0	0	0	0	7
SEED RESEARCH SERVICES, LLC																
Patents By Year of Grant:	5	0	0	2	0	0	0	0	0	0	0	0	0	0	0	7
Patents By Year of Application:	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	7
SILZE GMBH & COMPANY KG						•							•	•		_
Patents By Year of Grant:	0	0	0	1	0	0	3	3	0	0	0	0	0	0	0	7
Patents By Year of Application:	0	0	1	1	2	1	2	0	0	0	0	0	0	0	0	7
SOUTHERN SELECTIONS, L.L.C.																
Patents By Year of Grant:	0	0	0	1	0	2	0	2	1	1	0	0	0	0	0	7
Patents By Year of Application:	0	2	0	1	1	1	1	1	0	0	0	0	0	0	0	7
Sweet Darling Sales Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	4	0	3	7
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	4	0	3	0	0	7
Thompson and Morgan Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	2	0	5	0	0	7
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	2	5	0	0	0	0	7
UNIVERSITY OF CONNECTICUT	_					•							•	•		_
Patents By Year of Grant:	5	0	0	0	0	0	1	0	0	0	0	1	0	0	0	7
Patents By Year of Application:	5	0	0	0	1	0	U	0	0	1	U	U	U	U	0	7
UNIVERSITY OF HAWAII																
Patents By Year of Grant:	2	3	0	0	0	0	0	0	0	0	0	0	0	2	0	7
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	2	0	0	7
	-	,	J	J	•	J	•	•	·	•	•	•	_	J	,	•
Wander Tuinier BV																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	1	0	1	4	1	7
Patents By Year of Application:	0	0	0	0	0	0	0	0	1	1	0	4	1	0	0	7

Organizational Patenting				(Grante	ed: Jan 0	1, 1991	- Dec 31,	, 2015)	R	anked Li	st of Or	ganizati	ons with	5 or	More Pat	ents
	Pre 2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
	2002	2002	2003	2004	2005	2006	2007	2006	2009	2010	2011	2012	2013	2014	2015	TOTAL
AGROPLANT-SELECT BV																
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
All Plants Holding B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	1	0	1	1	2	1	6
Patents By Year of Application:	0	0	0	0	0	0	0	0	1	0	2	2	1	0	0	6
Athena Mudas, Ltda																
Patents By Year of Grant:	0	0	0	0	0	0	3	1	1	0	1	0	0	0	0	6
Patents By Year of Application:	0	0	0	0	3	1	1	0	0	1	0	0	0	0	0	6
ATHENA TREES, INC.																
Patents By Year of Grant:	1	0	0	0	0	0	1	0	1	0	0	1	0	2	0	6
Patents By Year of Application:	1	0	0	0	1	0	0	1	0	0	1	2	0	0	0	6
Dalina Genetics APS	•	•	•	•	•	•	•	•	•	•	•	•		•	•	_
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	4 0	2 0	0	6
Patents By Year of Application:	0	U	0	0	0	U	U	0	0	U	0	6	U	U	0	6
Dragontree Beheer BV																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	1	5	0	6
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	1	5	0	0	0	6
racenes by rear or approactor.	•			· ·			, ,		, ,	<u> </u>	-	J	, ,		•	· ·
Florensis Hamer CS																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	6
Patents By Year of Application:	0	0	0	0	0	0	0	4	2	0	0	0	0	0	0	6
Florist Holland B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	6
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	2	0	4	0	6
HERBALEA GMBH																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	6
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	6
TNORTHUM NAMIONAL DE LA DEGUEDE	ONON-															
INSTITUT NATIONAL DE LA RECHERCHE AGR	ONOMIQUE 0	0	0	0	•	0	0	0	0	0	3	1	0		1	
Patents By Year of Grant: Patents By Year of Application:	0	0	0	0	0	0	0	0	3	0	3 1	1	0 1	1	0	6 6
racents by rear or Apprication:	U	U	U	U	U	U	U	U	3	U	1	1	1	U	U	<b>o</b>
ITO PACKING CO., INC.																
Patents By Year of Grant:	5	1	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
							•		•		•	•	•	•		•

Organizational Patenting	Prop			(Grante	ed: Jan (	1, 1991	- Dec 31	, 2015)	R	anked Li	st of Or	ganizati	ons with	5 or	More Pat	tents
	Pre															
	2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
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
Kolster Holding B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	1	1	3	1	6
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	1	1	3	0	1	0	6
Koning Smit Holding N.V.																
Patents By Year of Grant:	0	0	0	0	0	1	1	0	1	3	0	0	0	0	0	6
Patents By Year of Application:	0	0	0	0	2	0	0	4	0	0	0	0	0	0	0	6
K.S.G'S FARM & NURSERY			_	_	_		_	_	_			_	_	_	_	
Patents By Year of Grant:	0	0	0	0	1	0	0	0	1	0	0	1	3	0	0	6
Patents By Year of Application:	0	0	0	1	0	0	0	1	0	0	4	0	0	0	0	6
LABORATOIRE DE PHYSIOLOGIE VEGETALE D	יים איז דר <i>א</i> וו	שת														
Patents By Year of Grant:	E LA LON		0	0	^	0	0	0	0	0	0	•	0	0	•	•
Patents By Year of Application:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Patents by Year of Application:	6	U	U	U	U	U	U	U	U	U	U	U	U	U	U	6
LAKE AREA NURSERY, INC.																
Patents By Year of Grant:	2	1	0	1	1	0	1	0	0	0	0	0	0	0	0	6
Patents By Year of Application:	3	0	1	1	0	1	0	0	0	0	0	0	0	0	0	6
M. Caratan, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	2	0	1	1	0	0	0	1	1	6
Patents By Year of Application:	1	0	1	0	0	0	0	1	1	0	0	0	2	0	0	6
MEILLAND INTERNATIONAL S.A.																
Patents By Year of Grant:	0	0	0	0	1	0	0	4	0	0	0	0	1	0	0	6
Patents By Year of Application:	0	0	1	0	0	3	1	0	0	0	0	1	0	0	0	6

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MENDEL BIOTECHNOLOGY, INC.

Patents By Year of Grant:

Patents By Year of Application:

Patents By Year of Grant: Patents By Year of Application:

Patents By Year of Grant: Patents By Year of Application:

MICROFLOR N.V.

NOVARTIS SEEDS B.V.

0

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	Organizational Patenting				(Grante	ed: Jan 0	1, 1991	- Dec 31,	, 2015)	R	anked Li	st of Or	ganizati	ons with	5 or	More Pat	ents
		Pre 2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
OKANAGAN PL	LANT IMPROVEMENT CO.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
OUTENIQUA N		_		_		_						_			_		_
	By Year of Grant:	5	0	1	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
PANORAMA RO	NOTE N V																
	By Year of Grant:	4	1	0	0	1	0	0	0	0	0	0	0	0	0	0	6
	By Year of Application:	5	0	1	0	0	0	0	0	0	0	0	0	0	0	0	6
racents	2, rear or apprication:	,	U		U	U	U	U	U	U	U	U	U	U	U	U	J
P. C. M. Ol	lsthoorn Holding BV																
	By Year of Grant:	0	0	0	0	0	0	1	5	0	0	0	0	0	0	0	6
	By Year of Application:	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	6
PENN STATE	RESEARCH FOUNDATION, INC.																
Patents	By Year of Grant:	3	1	0	0	1	0	0	1	0	0	0	0	0	0	0	6
	By Year of Application:	4	0	0	1	0	0	1	0	0	0	0	0	0	0	0	6
Pepinieres	Minier, SA																
Patents	By Year of Grant:	0	0	0	0	0	0	0	0	1	0	2	0	1	2	0	6
Patents	By Year of Application:	0	0	0	0	0	0	0	1	0	2	2	1	0	0	0	6
PLANTENKWEK	KERIJ J. VAN GEEST, B.V.																
Patents	By Year of Grant:	2	2	0	0	2	0	0	0	0	0	0	0	0	0	0	6
Patents	By Year of Application:	4	0	0	2	0	0	0	0	0	0	0	0	0	0	0	6
POULSEN ROS	SER INTERNATIONAL S.A.R.L.																
	By Year of Grant:	5	1	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
	SICA PTY LTD.																
	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
	11. G 11																
	jk Consultancy B.V.				•									_			_
	By Year of Grant:	0	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	0	6	0	0	0	0	6
CNG ELADIG																	
SNC ELARIS	By Year of Grant:	0	0	0	0	1	1	0	2	0	1	1	0	0	0	0	6
ratents	by rear or Grant:	U	U	U	-	1		U		U			U	U	U	U	O
Datonta	By Year of Application:	0	0	1	1	0	2	0	2	0	0	0	0	0	0	0	6

 Organizational Patenting			(Granted:	: Jan 01,	1991 -	- Dec 31,	2015)	 Ranked Li	st of Org	anizatior	ns with	5 o	r More Pate	nts	
	Pre														

	Pre															
	2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
Specialis Plants BV																
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	0	6	0	0	0	0	6
•																
Sprint Horticulture Pty. Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	0	0	1	1	0	1	2	6
Patents By Year of Application:	0	0	0	0	0	0	1	0	0	1	1	1	2	0	0	6
,																
TREESEARCH (PARTNERSHIP)	5	1	•	0	0	•	0	0	0	0	0	•	0	0	•	-
Patents By Year of Grant: Patents By Year of Application:	5 6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Patents By Year or Application:	6	U	U	U	U	U	U	U	U	U	U	U	U	U	U	6
UNIVERSITY OF MASSACHUSETTS																
Patents By Year of Grant:	1	0	0	1	0	1	2	0	0	0	1	0	0	0	0	6
Patents By Year of Application:	1	1	0	1	2	0	0	0	1	0	0	0	0	0	0	6
VARIETIES INTERNATIONAL, LLC																
Patents By Year of Grant:	0	0	0	0	3	2	0	0	0	1	0	0	0	0	0	6
Patents By Year of Application:	0	3	0	2	0	0	0	1	0	0	0	0	0	0	0	6
Willy's Greenhouse Ltd.	•	•	•	•	•	•	1	•	,	0	1	•	1	•	•	-
Patents By Year of Grant: Patents By Year of Application:	0	0	0	0	0	0	0	0	3	1	1 1	0	1	0	0	6
racence by rear or appricacion.	Ū	Ů	v	Ū	Ū	_	Ū	3	Ū	_	_	Ů	·	Ū	Ū	Ü
ALMA MATER STUDIORUM-UNIVERSITA' DI B	OLOGNA															
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
Bodegas Y Vinedos Nicolas Catena SA																
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	5	0	0	0	0	0	0	0	5
California State University, Fresno Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	5
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	5
racents by rear or Apprication:	U	U	U	U	U	U	U	U	U	U	U	5	U	U	U	3
CONSORTIUM DEUTSCHER BAUMSCHULEN GMBH																
Patents By Year of Grant:	0	0	0	1	2	0	0	0	0	0	0	0	0	0	2	5
Patents By Year of Application:	0	2	1	0	0	0	0	0	0	0	0	0	2	0	0	5
DELEON'S BROMELIAD WORLD, INC.																
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

Owner-instinut Detection				(Chart	.d. T ^	1 1001	D-= 31	2015	_		0			F 25	Vana Pai	
Organizational Patenting				(Grante	ea: Jan 0	1, 1991	- Dec 31,	2015)	R	kanked Li	st of Or	ganızatı	ons with	5 or	more Pat	ents
	Pre															
	2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
Dibleys Nurseries																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1	5
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	5
Ditoplant Export B.V.																
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	1	4	0	0	0	0	0	0	0	5
EDWARD VINSON LIMITED																
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	2	0	1	0	0	1	5
Patents By Year of Application:	1	0	0	0	0	0	0	0	3	0	0	0	1	0	0	5
Floreta Intellectual Property Pty. L		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
Patents By Year of Grant:	0	0	0	0	0	0	0	4	0	0	0	0	0	0	1	5
Patents By Year of Application:	0	0	0	0	0	0	4	0	0	0	0	0	1	0	0	5
FLOWERWOOD NURSERY INC.	_			•	•	•		•				•	•		•	_
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
GIRENTETE POGRODA DELL'INGE 1/4																
GARTNERIET ROSBORG BELLINGE A/S	•		_		•	•		•				•	•		•	_
Patents By Year of Grant:	0	2	1	2	0	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	0	3	2	0	0	0	0	0	0	0	0	0	0	0	0	5
Gentary det Maillians Generales 2/6																
Gartneriet Tvillinge Gaarden A/S	0	•	•	0	0	•	0	•	1	1	3	•	0	0	0	-
Patents By Year of Grant:	•	0	0	-	0	0	-	0	1	1	-	0	0	0	-	5
Patents By Year of Application:	0	0	0	0	U	U	0	2	1	2	0	0	U	U	0	5
Gebr. Valstar Beheer BV																
Patents By Year of Grant:	0	0	0	0	0	0	0	4	1	0	0	0	0	0	0	5
Patents By Year of Application:	0	0	0	0	0	3	2	0	0	0	0	0	0	0	0	5
ratenes by rear or apprication:	J	U	J	J	U	3		U	J	J	U	U	U	U	0	3
GEM ORNAMENTALS, INC.																
Patents By Year of Grant:	4	0	0	0	0	0	0	0	1	0	0	0	0	0	0	5
Patents By Year of Application:	4	0	0	0	0	0	0	1	0	0	0	0	0	0	0	5
racence of real of application:	-	Ū.		<u> </u>			Ū.	-	Ū.			Ū.		J	J.	3
Handelskwekerij .Ubink B.V.																
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
																J
H. DE MEYER - DE ROUCK B.V.B.A.																
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
	-	-	-		-	-	-	-	•	•	•	-				-

Organizational Patenting	(Granted: Jan 01, 1991 - Dec 31, 2015)	Ranked List of Organizations with 5 or More Patents
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	Pre															
	2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
Wines Courses Too																
Hines Growers, Inc. Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	5
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	1	3	1	0	0	5
racence by rear or apprication.	Ū	Ū	Ū	Ů	Ū	Ū	Ū	Ū	Ū	Ū	-	3	_	Ū	Ū	3
HOKUETSU NOHJI CO., 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
HOKUTO CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	1	0	0	1	0	1	0	0	2	5
Patents By Year of Application:	0	0	0	1	0	0	0	1	1	0	0	0	2	0	0	5
MODELCHI MIDE DECESSOR TIMESUS E																
HORTICULTURE RESEARCH INTERNATIONAL	3	0	0	0	1	0	0		0	0	0	0	0	0	•	-
Patents By Year of Grant: Patents By Year of Application:	3	1	1	0	0	0	0	1	0	0	0	0	0	0	0	5 5
ratenes by rear or apprication:	3	_	_	U	U	U	U	U	U	U	U	U	U	U	U	3
J P Bartlett Co Inc																
Patents By Year of Grant:	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	0	0	1	4	0	0	0	0	0	0	0	0	0	0	0	5
Kapiteijn Breeding BV																
Patents By Year of Grant:	0	0	0	0	0	2	0	0	0	1	0	0	0	0	2	5
Patents By Year of Application:	0	0	0	1	1	0	1	0	0	0	0	0	2	0	0	5
KONINKLIJKE VAN ZANTEN 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
KWEKERIJ DE AMSTEL, B.V.																
Patents By Year of Grant:	4	0	0	0	0	0	0	1	0	0	0	0	0	0	0	5
Patents By Year of Application:	4	0	0	0	0	0	1	0	0	0	0	0	0	0	0	5
MT. HOOD LILIES, INC.																
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
NAKAJIMA TENKOEN CO., 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
		_														
NATIONAL INSTITUTE OF AGROBIOLOGICAL			•	•	•	•	•	•	•	•	•	•	•	•	•	-
Patents By Year of Application	5 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5 5
Patents By Year of Application:	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	5

Organizational Patenting	(Granted: Jan 01, 1991 - Dec 31, 2015)									Cankod Ti	at of on	5 or More Patents -				
Organizational Patenting				(Grante	eu: Jan U	1, 1991	- Dec 31	, 2015)	1	kanked L1	st or or	yanızatı	ons with	or or	more Pa	Lenics
	Pre															
	2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
NEW WORLD PLANTS USA																
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
OKLAHOMA STATE UNIVERSITY				•	_	_			•		_		_	_		_
Patents By Year of Grant:	0	0	0 1	0	1	1	0	0	0	0	1 2	0	1	1	0	5
Patents By Year of Application:	0	0	1	1	0	0	0	1	0	0	2	0	U	0	0	5
OLIT DOCTOR D. I.																
OLIJ ROSEN-B.V.	_		•	•	•	0	•	•	•	•	0	•	•	0	0	-
Patents By Year of Grant:	5	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
OREGON BULB FARMS, INC.																
	5	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 5
Patents By Year of Application:	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	5
OREGON STATE UNIVERSITY																
	0	0	0	0	0	0	0	0	0	1	0	1	0	3	0	5
Patents By Year of Grant:	0	0	0	0	0	0	0	1	0	1	0	3	0	0	0	5
Patents By Year of Application:	U	U	U	U	U	U	U		U	1	U	3	U	U	U	5
PAN AMERICAN SEED COMPANY, A DIVISION	ד חם שאדד	<b>ПОБ</b> ФТСТ	ז א מוזידי זו	<b>-</b> 0												
Patents By Year of Grant:	OF BALL	0	1	3	1	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	0	4	1	0	0	0	0	0	0	0	0	0	0	0	0	5
Patents by fear of Application:	U	4		U	U	U	U	U	U	U	U	U	U	U	U	5
POTHOS PLANT B.V.																
Patents By Year of Grant:	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
ratents by rear or Apprication:		,	U	U			· ·	U	U	· ·	· ·		0	U	U	3
REDLANDS NURSERY PTY. LTD.																
Patents By Year of Grant:	0	5	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
racence of real of Application:	,	Ü	J	J	J	J	J	Ü	J	J		J J		J	J	,
ROBRICK NURSERY, INC.																
Patents By Year of Grant:	1	0	0	2	0	0	1	0	1	0	0	0	0	0	0	5
Patents By Year of Application:	1	0	2	0	1	0	0	1	0	0	0	0	0	0	0	5
	_				_			_								
Sheehan Genetics, LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	5
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	5
											_					
S.S. STEINER, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	2	0	0	0	1	1	0	5
Patents By Year of Application:	0	0	0	0	0	3	0	0	0	0	1	1	0	0	0	5
				,		,			,	<u> </u>	_					

Organizational Patenting				(Grante	ed: Jan 0	1, 1991	- Dec 31	, 2015)	R	Ranked Li	st of Or	ganizati	ons with	5 or	More Pat	cents
	Pre															
	2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
UNIVERSITY OF MARYLAND																
Patents By Year of Grant:	1	1	1	0	1	0	0	1	0	0	0	0	0	0	0	5
Patents By Year of Application:	3	0	1	0	0	1	0	0	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	5	0	0	5
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5
Western Australian Agriculture Author	ity															
Patents By Year of Grant:	0	0	0	0	0	0	0	1	0	1	0	0	0	0	3	5
Patents By Year of Application:	0	0	0	0	0	1	0	1	0	0	0	0	3	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	1	4	0	0	0	0	5
Patents By Year of Application:	0	0	0	0	0	0	0	1	1	3	0	0	0	0	0	5

Other Organizations (780)
Patents By Year of Grant:

Patents By Year of Application: