PLANT PATENTS

JANUARY 1, 1977 -- DECEMBER 31, 2007



March 2008 U.S. PATENT AND TRADEMARK OFFICE ELECTRONIC INFORMATION PRODUCTS DIVISION / PTMT MDW 4C18, ALEXANDRIA, VA 22313-1450 tel (571) 272-5600 / FAX (571) 273-0110

A PATENT TECHNOLOGY MONITORING TEAM REPORT

Plant Patents Report 1/1/1977 - 12/31/2007 Explanation of Data

This Patent Technology Monitoring Team (PTMT) Report profiles patent activity for U.S. plant patents (hereafter referred to as patents) granted between **January 1, 1977** and December 31, 2007. The source of the data used for this report is the TAF database maintained by the U.S. Patent and Trademark Office.

Data Distribution By Date of Grant and By Date of Application

Parts A1 and A2

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

Patent data in the "Pre 1994" column corresponds to the period January 1, 1977 through December 31, 1993.

Part B

Part B of this report distributes patent GRANT data for organizations that have received U.S. patents since 1977. Data are presented by the year in which the patent was granted ("Patents By Year of Grant") and the year the patented application was filed ("Patents by Year of Application").

DATA FOR THOSE APPLICATIONS WHICH WERE FILED BUT NEVER ISSUED (ROUGHLY 34% OF TOTAL FILINGS) ARE NOT INCLUDED IN THIS REPORT.

Since the average time period between filing for a patent and the issuing of the patent (i.e., a patent's "pendency") is now about 32 months, the patented application data for the most recent years are incomplete.* This is because a significant number of the applications filed in the most recent years, which will ultimately become patents, were still pending in **December 2007**. Since they had not yet become patents at the time this report was prepared, they were not included in this report.

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

Parts of the Report

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

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

Part B is a ranked listing of national and international organizations (i.e., corporations, universities, government agencies) which have received 5 or more U.S. plant patents since 1977. Data line 1 for each listed organization distributes counts of patent grants by year of grant. Data line 2 for each organization redistributes those same patent grants by year in which the patented application was filed. Information on patent ownership reflects ownership at the time of patent grant. Although a substantial effort has been made to combine name variations into a single organizational name, many organizations continue to have patents listed under more than one organizational name.

^{*} As of **December 31, 2007**, UTILITY patent application data (most issued patent documents are utility patents) were approximately 98% complete for patent applications filed in 2000, 91% complete for applications filed in 2001, 86% complete for applications filed in 2002, 69% complete for applications filed in 2003, 46% complete for applications filed in 2004, and 21% complete for 2005 filings. They are essentially complete for applications filed prior to 2000. Currently, completion percentages restricted to plant patents are not available.

Part A1 Patent Grants As Distributed By Year of Patent Grant

		Patonta	Granted	Dr. D.	to Of	Datont	Crant	(Crantod.	. Tan 01	1077 _	Dog 31	2007)					
		racencs	Granced	БУ Д	ice or	racenc	Granc	(Granceu.	dan or,	1311 -	Dec 31,	2007)					
							N	UMBER OF	PATENTS								
	Pre 1994	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	Total	
																10001	
Total	4513	499	387	362	394	561	420	548	584	1133	994	1016	716	1149	1047	14323	
U.S. Origin	2896	283	201	183	230	245	200	232	372	518	395	428	236	430	364	7213	
Foreign Origin	1617	216	186	179	164	316	220	316	212	615	599	588	480	719	683	7110	
NETHERLANDS	383	63	34	41	29	71	65	102	57	218	162	211	141	212	221	2010	
GERMANY	491	32	44	48	34	62	53	70	22	145	166	100	80	98	131	1576	
DENMARK	44	11	16	27	9	40	11	24	21	79	25	74	74	71	57	583	
UNITED KINGDOM	133	38	16	8	22	24	20	35	9	35	42	41	38	69	50	580	
JAPAN	51	9	13	9	6	20	12	16	23	30	68	49	54	84	65	509	
FRANCE	221	16	16	18	27	27	10	9	4	26	13	8	11	23	26	455	
AUSTRALIA	36	2	3	7	14	13	11	15	25	27	25	26	32	45	34	315	
ISRAEL	34	14	21	7		12	6	3	14	8	18	15	3	38	23	216	
BELGIUM	17	10	3	2	4	20	5	12	6	10	38	16	3	25	13	184	
NEW ZEALAND	54	6	4	2	2	4	9	11	4	7	12	20	10	4	13	162	
COSTA RICA	39	4	6	5		4	2	1	9	5	4	10	10	19	7	125	
CANADA	36	2	7		15	8	6	10	7	5	5	1	3	5	8	118	
INDIA						2	1		1	12	7	4	3	5	8	43	
ITALY	29	1	1	2		1	1	2		1	2	1			1	42	
SOUTH AFRICA	1					6	1		4	1	4	1	5	5	3	31	
SPAIN	4	3		2			1	1	1		1	6	2	3		24	
AUSTRIA	16	1													3	20	
SWITZERLAND	13			_		_	_	_	_	1	2			_	2	18	
SWEDEN	6			1		1	1	1	1	-				1	_	12	
BRAZIL	_							2		1				1	5	9	
COLOMBIA SOUTH KOREA	5	1	1				2	1	3	1 1						8 7	
ARGENTINA	1	1			1		2	1	3	_				1	2	6	
INDONESIA		1			1							2	1	1	2	6	
RUSSIAN FEDERATION													4	2		6	
CZECH REPUBLIC													3	2	1	6	
TAIWAN	1	1											1	1	_	4	
MEXICO							1	1		1					1	4	
THAILAND										1	2			1		4	
HONDURAS		1			1						1		1			4	
CHILE												2	1		1	4	
IRELAND			1									1		2		4	
HUNGARY															4	4	
ECUADOR											2					2	
MOROCCO						1										1	
PHILIPPINES							1									1	
Others (7)	2						1		1					1	2	7	
0																	
Ownership:	2400	250	200	162	198	237	167	246	321	454	321	414	241	403	358	6373	
U.S. Corporations U.S. Government	2400	250	200	163	198	231	167	240	341	454 8	341	3	241	403	338	18	
U.S. Individuals	1056	82	59	55	73	74	65	48	89	118	102	3 72	60	89	66	2108	
U.S. INGIVIQUAIS	1030	02	23	33	13	/ 4	63	*0	03	110	102	12	60	0,7	00	2100	
Foreign Corporations	687	150	104	116	98	199	149	207	134	409	440	443	369	538	522	4565	
Foreign Government	17	2	5		5	1	2	4	4	1	1			7	4	53	
Foreign Individuals	352	15	19	28	18	50	36	43	36	143	130	84	45	110	97	1206	
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PLANT PATENTS REPORT, 1977-2007 Page A1- 2

Part																		
Total Total Total 100 100 100 100 100 100 100 100 100 10			Patents	Granted	By Da	te Of	Patent	Grant (Granted:	Jan 01,	1977 -	Dec 31,	2007)					
Total Total Total 100 100 100 100 100 100 100 100 100 10								שת	DOENT OF	ם אינוש אינו								
Total 100 100 100 100 100 100 100 100 100 10		Dre 1994	1994	1995	1996	1997	1998				2002	2003	2004	2005	2006	2007	Total	
U.S. Origin (4		FIE 1994	1334	1993	1990	1331	1990	1333	2000	2001	2002	2003	2004	2003	2000	2007	IOCAI	
U.S. Origin (4	Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
## PCP-CRIGHT C-EGIN 36 43 48 49 49 42 56 52 58 36 54 60 58 C7 63 65 50 ### MITTERLAIME 8 13 9 11 7 13 15 15 19 10 19 16 21 20 18 21 14 ### MITTERLAIME 11 6 11 13 9 11 13 13 4 13 17 10 11 19 13 11 ### DENAMAK 11 6 11 13 9 11 13 13 4 17 10 11 19 13 13 14 13 17 10 11 19 13 11 ### DENAMAK 11 2 4 7 2 2 7 3 3 4 4 7 3 3 4 6 6 1 6 1 5 6 5 4 4 1 6 6 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6																		
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FRANCE 5 3 4 5 7 5 2 2 1 2 1 1 2 2 2 3 3 4 4 3 2 1	UNITED KINGDOM	3	8	4	2	6	4	5	6	2	3	4	4	5	6	5	4	
AMSTRALIA 1 1 2 4 2 3 3 3 4 2 3 3 3 4 4 3 2 2 1 1 3 2 2 1 1 1 3 2 2 1 1 1 1 1 1	JAPAN	1	2	3	2	2	4	3	3	4	3	7	5	8	7	6	4	
ISBARI. 1 3 5 2 2 1 1 1 2 1 2 1 2 1 3 2 1 3 2 2 8 8 8 8 8 8 8 8 8 9 9 9 9 9 9 9 9 9	FRANCE	5	3	4	5	7	5	2	2	1	2	1	1	2	2	2	3	
NEW ZEMAND 1 1 1 1 1 1 2 2 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 1	AUSTRALIA	1		1	2	4	2	3	3	4	2	3	3	4	4	3	2	
NEM ZEALAND 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 1 1 1 1	ISRAEL	1	3	5	2		2	1	1	2	1	2	1		3	2	2	
COSTA RICA 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 1	BELGIUM		2	1	1	1	4	1	2	1	1	4	2		2	1	1	
CAMADA 1 2 4 1 1 2 1 1 1 1 1 0 0 1 1 1 1 1 1 1 1 1 1	NEW ZEALAND	1	1	1	1	1	1	2	2	1	1	1	2	1		1	1	
INDIA TALY 1	COSTA RICA	1	1	2	1		1			2			1	1	2	1	1	
TAINY 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CANADA	1		2		4	1	1	2	1		1				1	1	
SOUTH AFRICA	INDIA										1	1				1	0	
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U.S. Government 1 1 1 U.S. Individuals 23 16 15 19 13 15 9 15 10 10 7 8 8 6 15 Foreign Corporations 15 30 27 32 25 35 35 38 23 36 44 44 52 47 50 32 Foreign Government 1 1 1 1 0	Ownership:																	
U.S. Individuals 23 16 15 15 19 13 15 9 15 10 10 7 8 8 6 15 Foreign Corporations 15 30 27 32 25 35 35 38 23 36 44 44 52 47 50 32 Foreign Government 1 1 1 1 1 1 0		53	50	52	45		42	40	45	55		32	41	34	35	34		
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Foreign Government 1 1 1 1 1 1 1 0	U.S. Individuals	23	16	15	15	19	13	15	9	15	10	10	7	8	8	6	15	
Foreign Government 1 1 1 1 1 1 0																		
		15	30		32		35	35			36	44	44	52		50		
Foreign Individuals 8 3 5 8 5 9 9 8 6 13 13 8 6 10 9 8																		
	Foreign Individuals	8	3	5	8	5	9	9	8	6	13	13	8	6	10	9	8	

Part A2 Patent Grants As Distributed By Year of Patent Application

	Pat	ents Gr	anted B	y Date	Of Pat	ent App	lication	(Grant	ed: Jan	01, 1977	- Dec 3	31, 2007)				
								F PATENT								
	Pre 1994	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007 Total	
Total	5028	424	431	624	623	585	618	613	899	946	898	1109	1150	375	14323	
U.S. Origin	3200	221	218	316	266	274	349	283	427	398	350	381	415	115	7213	
Foreign Origin	1828	203	213	308	357	311	269	330	472	548	548	728	735	260	7110	
NETHERLANDS	445	37	47	58	89	99	96	117	133	166	166	221	258	78	2010	
GERMANY	525	46	52	47	88	79	31	50	112	161	83	117	126	59	1576	
DENMARK	52	19	27	35	26	24	43	23	40	28	86	108	48	24	583	
UNITED KINGDOM	164	23	11	33	33	36	7	26	34	35	54	35	75	14	580	
JAPAN	59	12	15	26	15	9	34	21	38	51	55	76	70	28	509	
FRANCE	240	14	21	38	17	15	6	22	12	4	25	19	20	2	455	
AUSTRALIA	38	4	8	21	21	10	15	16	27	26	18	59	29	23	315	
ISRAEL	48	25	3	12	8	2	13	17	7	12	5	18	31	15	216	
BELGIUM	31	2	3	15	10	10	6	9	25	26	8	7	24	8	184	
NEW ZEALAND	60	5	2	6	18	3	2	1	13	7	20	14	8	3	162	
COSTA RICA	41	5	8		7		5	8	2	8	3	26	12		125	
CANADA	39	6	9	11	9	10	6	4	7	3	2	8	2	2	118	
INDIA					3	2	1	7	9	7	4	3	7		43	
ITALY	30	1	2	2		2		1	3				1		42	
SOUTH AFRICA	1		1	4	2	2	2	2	3	2	4	4	3	1	31	
SPAIN	7		2		1	1	1		1	6	5				24	
AUSTRIA	17												2	1	20	
SWITZERLAND	13							1	1	1	1		1		18	
SWEDEN	6	1			2	1	1						1		12	
BRAZIL						2		1					5	1	9	
COLOMBIA	6	1							1						8	
SOUTH KOREA					3	4									7	
ARGENTINA	2		1						1		2				6	
RUSSIAN FEDERATION										4		2			6	
INDONESIA											1	3	2		6	
CZECH REPUBLIC											1	2	2	1	6	
TAIWAN	2											2			4	
MEXICO					2				1			1			4	
THAILAND								1	1	1		1			4	
IRELAND		1									1		2		4	
HONDURAS		1	1						1		1				4	
CHILE											3		1		4	
HUNGARY													4		4	
ECUADOR								2							2	
PHILIPPINES					1										1	
SLOVAKIA					1										1	
Others (7)	2				1			1				2	1		7	
Ownership:																
U.S. Corporations	2663	213	191	293	239	273	305	268	342	341	339	379	419	108	6373	
U.S. Government	1		1	1	1		1	2	8		1	2			18	
U.S. Individuals	1134	64	77	93	89	67	81	71	110	82	70	83	71	16	2108	
Foreign Corporations	841	123	130	191	212	219	164	207	321	436	404	561	542	214	4565	
Foreign Government	20	4	2	4	3	4	3		2			10	1		53	
Foreign Individuals	369	20	30	42	79	22	64	65	116	87	84	74	117	37	1206	

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	Pa	atents G	ranted	By Date	Of Pat	ent App	plication	(Grant	ed: Jan	01, 1977	- Dec 3	31, 2007)				
						_										
	·	1004	1005	1006	1005		PERCENT O									 1
	Pre 1994	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	Total
mak al	100	100	100	100	100	100	100	100	100	100	100	100	100	100		100
Total	100		100	100	100	100	100	100	100	100	100	100	100	100		100
U.S. Origin	64		51	51	43	47	56	46	47	42	39	34	36	31		50
Foreign Origin	36	48	49	49	57	53	44	54	53	58	61	66	64	69		50
NEMILEDI ANDO	0	•	11	•	1.4	1.7	1.0	1.0	1.5	1.0	1.0	20	22	21		1.4
NETHERLANDS GERMANY	9 10		11	9 8	14	17	16 5	19	15 12	18	18	20 11	22	21 16		14 11
DENMARK	10		12 6	6	14 4	14 4	5 7	8 4	4	17 3	9 10	10	11 4	6		4
UNITED KINGDOM	3		3	5	5	6	1	4	4	4	6	3	7	4		4
JAPAN	1		3	4	2	2	6	3	4	5	6	7	6	7		4
FRANCE	5		5	6	3	3	1	4	1	5	3	2	2	1		3
AUSTRALIA	1		2	3	3	2	2	3	3	3	2	5	3	6		2
ISRAEL	1		1	2	1	4	2	3	1	1	1	2	3	4		2
BELGIUM	1		1	2	2	2	1	1	3	3	1	1	2	2		1
NEW ZEALAND	1		_	1	3	1	_	1	1	1	2	1	1	1		1
COSTA RICA	1		2	1	1	1	1	1	1	1	4	2	1	1		1
CANADA	1		2	2	1	2	1	1	1			1		1		1
INDIA			2		1	4	_	1	1	1		1	1	1		0
ITALY	1								_	_			_			0
SOUTH AFRICA	-			1												0
SPAIN										1	1					0
AUSTRIA										-	-					0
SWITZERLAND																0
SWEDEN																0
BRAZIL																0
COLOMBIA																0
SOUTH KOREA						1										0
ARGENTINA						_										0
RUSSIAN FEDERATION																0
INDONESIA																0
CZECH REPUBLIC																0
TAIWAN																0
MEXICO																0
THAILAND																0
IRELAND																0
HONDURAS																0
CHILE																0
HUNGARY																0
ECUADOR																0
PHILIPPINES																0
SLOVAKIA																0
Others (7)																0
Ownership:																
U.S. Corporations	53	50	44	47	38	47	49	44	38	36	38	34	36	29		44
U.S. Government									1							0
U.S. Individuals	23	15	18	15	14	11	13	12	12	9	8	7	6	4		15
Foreign Corporations	17	29	30	31	34	37	27	34	36	46	45	51	47	57		32
Foreign Government		1		1		1						1				0
Foreign Individuals	7	5	7	7	13	4	10	11	13	9	9	7	10	10		8

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, 1977	- Dec 31	, 2007)	1	Ranked Li	st of Or	rganizati	ons with	5 or	More Pa	tents
	Desa															
	Pre 1994	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	TOTAL
	1994	1334	1993	1990	1991	1990	1999	2000	2001	2002	2003	2001	2003	2000	2007	TOTAL
YODER BROTHERS, INC.																
Patents By Year of Grant:	320	53	22	29	36	26	22	14	77	87	41	42	19	53	71	912
Patents By Year of Application:	379	29	23	40	35	15	55	41	76	34	31	47	98	9	0	912
PAUL ECKE RANCH, INC.				_							_	•				0.58
Patents By Year of Grant: Patents By Year of Application:	66 78	12 16	16 4	1 22	14 19	26 33	12 32	24 4	31 17	23 7	7	0 13	10 13	11 9	14 0	267 267
Patents By Year of Application:	76	10	4	22	19	33	32	4	17	,	U	13	13	9	U	267
BEAR CREEK GARDENS, INC.																
Patents By Year of Grant:	53	61	29	17	4	15	29	53	2	0	0	0	0	0	0	263
Patents By Year of Application:	108	35	12	18	29	49	12	0	0	0	0	0	0	0	0	263
FLORFIS AG																
Patents By Year of Grant:	17	15	14	11	5	7	6	3	7	57	18	15	9	25	11	220
Patents By Year of Application:	32	18	10	8	8	9	9	16	39	12	15	24	10	10	0	220
CONARD-PYLE COMPANY																
Patents By Year of Grant:	155	13	10	16	14	7	1	0	0	0	0	0	0	0	0	216
Patents By Year of Application:	168	10	18	13	7	0	0	0	0	0	0	0	0	0	0	216
POULSEN ROSER A/S																
Patents By Year of Grant:	0	0	0	0	0	10	5	19	2	2	3	45	55	38	25	204
Patents By Year of Application:	0	0	0	0	15	20	4	1	1	9	65	63	11	15	0	204
GOLDGUITHU GEEDG TVG																
GOLDSMITH SEEDS, INC. Patents By Year of Grant:	13	3	6	0	0	2	3	0	1	0	27	27	44	35	24	185
Patents By Year of Application:	16	5	1	2	3	1	0	0	0	9	44	52	33	19	0	185
CHRYSANTHEMUM BREEDERS ASSOCIATION N	.v.															
Patents By Year of Grant:	32	9	0	0	3	3	0	9	1	37	11	47	11	19	2	184
Patents By Year of Application:	41	0	0	6	0	11	4	34	8	36	5	34	4	1	0	184
BALL HORTICULTURAL COMPANY	•	•	•	•	12	-	0	0		•	1	41	1.0	F.0	2.4	170
Patents By Year of Grant: Patents By Year of Application:	0	0	0	0 18	13	5 0	1	0 1	0 1	2	1 54	41 45	18 49	58 0	34 0	172 172
racents by rear or Apprication:	U	U	0	10	U	U				3	74	-13	7.7	U	3	1/2
OGLEVEE LTD.																
Patents By Year of Grant:	23	2	4	2	2	3	0	9	23	40	25	11	1	11	10	166
Patents By Year of Application:	23	6	4	3	0	9	6	49	20	20	4	2	20	0	0	166
JACKSON & PERKINS CO.																
Patents By Year of Grant:	157	0	0	0	0	0	0	0	0	0	0	0	0	0	0	157
Patents By Year of Application:	157	U	0	U	0	0	0	0	0	0	0	0	0	0	0	157

Ourselsten 1 Debenhium				(0 1		1 1000	D 21	0000	_						D.	
Organizational Patenting				(Grante	ea: Jan U	1, 1977	- Dec 31	, 2007)	R	anked Li	st or Or	ganizati	ons with	5 or	More Pa	ents -
	Pre															
	1994	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	TOTAL
											2000					
MIKKELSENS, INC.																
Patents By Year of Grant:	140	12	1	3	1	0	0	0	0	0	0	0	0	0	0	157
Patents By Year of Application:	152	1	4	0	0	0	0	0	0	0	0	0	0	0	0	157
raddiop by roar or inffragorous		_	-			•	•					•				,
TERRA-NOVA NURSERIES, INC.																
Patents By Year of Grant:	0	3	0	0	0	1	2	12	9	30	12	12	12	33	22	148
Patents By Year of Application:	3	0	0	0	2	13	12	10	19	11	11	18	33	16	0	148
racenes by rear or apprication.	,	· ·				13						10	33	10		110
DANZIGER - "DAN" FLOWER FARM																
Patents By Year of Grant:	17	2	20	4	0	7	5	1	12	4	7	11	2	31	20	143
Patents By Year of Application:	19	21	3	7	5	2	11	2	6	10	4	13	25	15	0	143
racenes by rear or apprication:	13	21	J	,	,	4	11		U	10	7	13	23	1.5	J	143
BALL FLORAPLANT, A DIVISION OF BALL	UODTTOTT T	יז א מוזיי														
Patents By Year of Grant:	HORTICULI 5	TURAL CO.	0	0	0	0	0	30	18	18	51	17	1	0	0	142
Patents By Year of Application:	7	0	0	0	0	16	32	1	19	67	0	0	0	0	0	142
Pacenics by fear of Application:	,	U	U	U	U	10	32	1	19	07	U	U	U	U	U	142
SYNGENTA SEEDS B.V.																
	•	•	•	•	•	•	•	•	_	_		10	1.2	4.5		120
Patents By Year of Grant:	0	0	0	0	0	0	0 2	0 5	6 5	6 4	4	12	13	45	52 0	138
Patents By Year of Application:	0	0	Ü	0	U	0	2	5	5	4	20	24	53	25	0	138
CLEANGRO, LTD.	•								_	_	_					
Patents By Year of Grant:	0	3	0	0	15	14	11	23	2	1	5	12	15	23	4	128
Patents By Year of Application:	3	1	0	25	14	25	0	0	7	0	29	10	11	3	0	128
NOR'EAST MINIATURE ROSES, INC.			_		_			_	_			_				
Patents By Year of Grant:	85	4	1	6	5	4	2	2	1	2	0	1	4	3	4	124
Patents By Year of Application:	89	7	2	4	8	0	0	2	1	2	2	3	4	0	0	124
PAN AMERICAN PLANT COMPANY																
Patents By Year of Grant:	116	0	0	0	0	0	0	0	0	0	0	0	0	0	0	116
Patents By Year of Application:	116	0	0	0	0	0	0	0	0	0	0	0	0	0	0	116
UNIVERSITY OF CALIFORNIA, THE REGENTS																
Patents By Year of Grant:	61	8	2	2	0	4	0	2	3	5	7	2	4	7	3	110
Patents By Year of Application:	69	2	2	4	0	2	2	2	9	5	5	4	4	0	0	110
DUMMEN JUNGPFLANZEN GBR																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	5	47	0	14	11	21	98
Patents By Year of Application:	0	0	0	0	0	0	0	0	13	39	0	15	17	14	0	98
DEVOR NURSERIES, INC.																
Patents By Year of Grant:	50	4	10	13	5	7	5	3	0	0	0	0	0	0	0	97
Patents By Year of Application:	56	9	13	11	8	0	0	0	0	0	0	0	0	0	0	97

PLANT PATENTS REPORT, 1977-2007															Page	В - 3
Organizational Patenting				(Grante	ed: Jan 0	1, 1977	- Dec 31	, 2007)	F	Ranked Li	st of Or	ganizati	ons with	5 or 1	More Pat	ents
	Pre															
	1994	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	TOTAL
JOHN BODGER & SONS CO.																
Patents By Year of Grant:	0	0	2	0	7	21	6	4	7	8	0	31	5	1	5	97
Patents By Year of Application:	0	2	7	17	10	11	0	1	7	0	33	3	1	5	0	97
JACKSON & PERKINS WHOLESALE, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	31	24	9	15	1	13	3	96
Patents By Year of Application:	0	0	0	0	0	0	35	16	10	14	4	10	7	0	0	96
VAN STAAVEREN B.V.																
Patents By Year of Grant:	41	12	6	4	4	10	9	7	0	1	0	0	0	0	0	94
Patents By Year of Application:	53	6	4	11	9	3	8	0	0	0	0	0	0	0	0	94
SUNTORY FLOWERS LIMITED																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	5	9	11	46	19	90
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	13	15	27	27	8	0	90
SAKATA SEED CORPORATION																
Patents By Year of Grant:	0	0	0	0	2	0	0	0	8	14	19	10	15	12	9	89
Patents By Year of Application:	0	0	0	2	0	0	14	8	12	9	6	18	16	4	0	89
WEEKS WHOLESALE ROSE GROWERS, INC.																
Patents By Year of Grant:	9	0	10	7	4	7	3	5	0	9	10	9	1	8	7	89
Patents By Year of Application:	11	8	7	6	6	7	1	6	12	6	6	6	7	0	0	89
CP (DELAWARE), INC.																
Patents By Year of Grant:	0	0	0	0	0	5	5	5	4	12	18	7	9	11	11	87
Patents By Year of Application:	0	0	0	0	8	7	5	9	14	8	14	13	9	0	0	87
KLEMM + SOHN GMBH & CO. KG																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	14	21	9	5	6	28	83
Patents By Year of Application:	0	0	0	0	0	0	0	0	21	15	3	13	3	28	0	83
MELRIDGE, INC.																
Patents By Year of Grant:	83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	83
Patents By Year of Application:	83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	83
FIDES BEHEER B.V.																
Patents By Year of Grant:	70	1	2	1	2	3	0	2	0	0	0	0	0	0	0	81
Patents By Year of Application:	71	2	1	3	2	0	2	0	0	0	0	0	0	0	0	81
GESSELLSCHAFTSVERTRAG UBER DIE ERFIND	ERGEMEIN	SCHAFT "	OPTI													
Patents By Year of Grant:	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	77
Patents By Year of Application:	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	77

Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31,	, 2007)	F	Ranked Li	st of Or	ganizati	ons with	5 or	More Pat	ents
	Pre															
	1994	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	TOTAL
DAVID AUSTIN ROSES LIMITED																
Patents By Year of Grant:	16	20	0	5	0	3	3	4	0	2	5	2	0	11	4	75
Patents By Year of Application:	32	4	5	0	6	4	0	3	4	0	2	3	12	0	0	75
RIJNPLANT																
Patents By Year of Grant:	0	0	0	0	0	3	9	13	8	16	2	13	6	1	0	71
Patents By Year of Application:	0	0	0	2	4	17	9	3	14	2	9	10	1	0	0	71
DRISCOLL STRAWBERRY ASSOCIATES INC.																
Patents By Year of Grant:	20	3	1	0	0	3	1	6	1	5	6	15	4	2	3	70
Patents By Year of Application:	23	1	0	2	6	2	3	3	7	13	5	3	2	0	0	70
DE RUITER'S NIEUWE ROZEN B.V.																
Patents By Year of Grant:	16	6	5	9	0	10	7	3	0	5	0	4	3	1	0	69
Patents By Year of Application:	23	2	11	4	13	3	0	5	1	1	5	1	0	0	0	69
ELSNER PAC JUNGPFLANZEN																
Patents By Year of Grant:	0	0	0	0	2	4	1	1	0	10	13	3	2	20	12	68
Patents By Year of Application:	0	0	2	4	2	0	0	13	1	13	4	1	26	2	0	68
DUMMEN JUNGPFLANZENKULTUREN																
Patents By Year of Grant:	0	0	0	19	6	0	6	17	1	18	0	0	0	0	0	67
Patents By Year of Application:	0	0	20	6	0	21	1	8	7	4	0	0	0	0	0	67
LABORATOIRE DE PHYSIOLOGIE VEGETALE DE		DE														
Patents By Year of Grant:	61	4	1	0	0	0	0	0	0	0	0	0	0	0	0	66
Patents By Year of Application:	65	1	0	0	0	0	0	0	0	0	0	0	0	0	0	66
CALIFORNIA FLORIDA PLANT COMPANY L.P.	20	•	_	•		•	•	•	_	•	•	•	•	•	•	63
Patents By Year of Grant:	32 32	0 5	5 0	0	4	8 6	0	0	6 0	0	0	8	0	0	0	63 63
Patents By Year of Application:	32	5	U	12	U	ь	0	U	U	8	U	U	U	U	U	63
PIETERS PLANT PRODUCTION, BVBA	•	•	•	•	•	^	•	•	^	•	20	10	•	1.0	•	60
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0 21	0 16	30 3	10 0	0 15	13 7	9	62 62
Patents By Year of Application:	U	U	U	U	U	U	U	U	21	10	3	U	15	,	U	62
GEORGE J. BALL, INC.						•		•	•							
Patents By Year of Grant:	23	4	12	22	0	0	0	0	0	0	0	0	0	0	0	61
Patents By Year of Application:	27	12	22	0	0	0	0	0	0	0	0	0	0	0	0	61
KNUD JEPSEN A/S					_					_			_			
Patents By Year of Grant:	0	0	0	4	0	6	0	3	9	3	4	13	5	3	11	61
Patents By Year of Application:	0	0	4	5	1	3	4	0	8	4	14	9	5	4	0	61

Organizational Patenting				(Cranto	d. Tan O	1 1077	- Dog 21	2007)		Pankod Ti	at of o	-anisati	ong with	5 0~	More Pos	ents
Organizational Patenting				(Grance	u: Jan U	11, 19//	- DeC 31	, 2007)	I	vanked Pl	at Of Or	.yanızatl	ons with	. 5 OI'	MOLE PA	ciils
	Pre															
	1994	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	TOTAL
PLANT 21 LLC									_		_			_		
Patents By Year of Grant: Patents By Year of Application:	0	0	0	0	0	0	0	0	0 5	0	5 20	19 19	18 16	6 0	12 0	60 60
racents by rear or Apprication:	U	U	U	U	U	U	U	U	3	U	20	19	10	U	U	60
SUNTORY LTD.																
Patents By Year of Grant:	3	2	7	3	3	10	10	4	6	0	10	0	0	0	0	58
Patents By Year of Application:	3	5	10	11	9	4	8	0	6	2	0	0	0	0	0	58
ARMSTRONG NURSERIES, INC.																
Patents By Year of Grant:	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57
Patents By Year of Application:	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57
BALL PANAM PLANT COMPANY	F.C	•	0	0	0	0	0	0	•	•	0	•	•	0	•	F.C
Patents By Year of Grant: Patents By Year of Application:	56 56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56 56
racenes by rear or appricacion:	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	50
NUFLORA INTERNATIONAL PTY. LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	9	12	13	13	7	1	55
Patents By Year of Application:	0	0	0	0	0	0	0	0	10	14	3	23	4	1	0	55
TWYFORD INTERNATIONAL, INC.																
Patents By Year of Grant:	0	7	3	8	9	2	1	0	0	8	6	5	2	1	3	55
Patents By Year of Application:	7	4	9	8	2	0	0	2	6	8	2	4	3	0	0	55
BURCHELL NURSERY, INC.	-	•	0	0	0	-	-	0	•	10	10	•	4	_	•	E2
Patents By Year of Grant: Patents By Year of Application:	5 5	0	0	0	0 2	1	1	0	2	10 10	12 11	9	4	6 0	2	52 52
racenes by rear or appricacion:	3	U	U	U	2	U	,	3	3	10	11	Ū	3	U	U	32
HINES NURSERIES INC.																
Patents By Year of Grant:	3	1	1	0	0	0	0	0	9	5	8	10	6	4	5	52
Patents By Year of Application:	4	1	0	0	0	0	10	9	1	12	2	9	4	0	0	52
FIDES GOLDSTOCK BREEDING B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	4	13	2	9	9	11	0	48
Patents By Year of Application:	0	0	0	0	0	0	0	8	8	3	7	22	0	0	0	48
VONDOVITA AND CIDAL CO																
MONROVIA NURSERY CO. Patents By Year of Grant:	22	2	0	2	2	2	3	3	3	1	4	3	0	0	0	47
Patents By Year of Grant: Patents By Year of Application:	24	0	2	4	4	4	1	1	2	3	1	1	0	0	0	47
racenes by rear or apprication:	41	U	2	7	7	7			2	3	_		U	U	U	1/
JOSEF & HEINRICH WESTHOFF GARTENBAU-S	PEZIALKU	LTUREN														
Patents By Year of Grant:	0	0	0	0	0	0	0	3	0	7	5	16	13	2	0	46
Patents By Year of Application:	0	0	0	0	0	3	1	2	4	7	5	24	0	0	0	46

Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31,	, 2007)	R	anked Li	st of Or	ganizati	ons with	5 or 1	More Pat	ents
	Pre															
	1994	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	TOTAL
RUTGERS UNIVERSITY																
Patents By Year of Grant:	27	2	2	0	0	0	0	3	0	0	0	2	1	3	6	46
Patents By Year of Application:	30	1	0	0	0	3	0	0	0	2	3	0	2	5	0	46
FUTURE PLANTS LICENTIE B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	2	7	1	4	30	44
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	2	7	1	28	6	0	44
BAILEY NURSERIES, INC.																
Patents By Year of Grant:	4	1	0	0	1	1	1	0	2	2	2	4	9	13	3	43
Patents By Year of Application:	5	0	0	1	1	1	2	2	2	3	3	19	1	3	0	43
TERRA NIGRA HOLDING B.V.			_	•	•	•	_			•	•		•	•		4.0
Patents By Year of Grant: Patents By Year of Application:	10 26	12 1	5 4	0 5	9	0 5	1 0	4 0	0	0 2	0	2	0	0	0	43 43
racence by rear or apprication:	20		-	,	· ·	,	· ·	J		2	· ·		•	· ·	U	13
VAN ZANTEN PLANTS B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	17	7	9	0	10	43
Patents By Year of Application:	0	0	0	0	0	0	0	2	0	15	12	5	8	1	0	43
INNOVAPLANT GMBH & CO. KG Patents By Year of Grant:	0	0	0	0	0	2	1	1	3	1	13	0	1	4	16	42
Patents By Year of Application:	0	0	0	2	0	2	2	2	0	13	0	2	18	1	0	42
KIEFT SEED HOLLAND																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	24	12	4	0	0	0	40
Patents By Year of Application:	0	0	0	0	0	0	0	0	24	14	2	0	0	0	0	40
PLANT DEVELOPMENT SERVICES INC.																
Patents By Year of Grant:	0	0	0	0	0	0	1	4	12	3	6	4	3	4	3	40
Patents By Year of Application:	0	0	0	1	0	6	6	5	3	4	5	7	2	1	0	40
SPRING MEADOW NURSERY, INC.	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	25
Patents By Year of Grant: Patents By Year of Application:	0	0	0	0 0	0 2	1 1	2	0 5	2 2	7 3	1 3	5 11	8 7	7 2	5 0	38 38
racents by rear or Apprication:	U	U	U	U	4	1	4	5	4	3	3	11	,	4	U	30
FLORIDA FOUNDATION SEED PRODUCERS, IN	IC.															
Patents By Year of Grant:	0	2	4	2	2	1	0	0	1	6	3	12	0	3	1	37
Patents By Year of Application:	5	3	1	2	0	0	4	1	4	9	5	3	0	0	0	37
KLEMM & SOHN Patents By Year of Grant:	18	8	2	0	0	0	0	7	0	1	0	0	0	0	0	36
Patents By Year of Grant: Patents By Year of Application:	18 28	0	0	0	0	5	3	0	0	1 0	0	0	0	0	0	36 36
		•	•	-	•	-	-	•		-	J	,		•	•	

Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31	, 2007)	F	Ranked Li	st of Or	ganizati	ons with	5 or 1	More Pat	ents
	Pre															
	1994	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	TOTAL
FUTURE PLANTS V.O.F.																
Patents By Year of Grant:	0	0	0	0	0	0	0	3	10	11	9	2	0	0	0	35
Patents By Year of Application:	0	0	0	0	0	3	11	9	2	8	2	0	0	0	0	35
WITTEMAN + CO.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	7	5	10	13	35
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	3	4	7	13	8	0	35
OGLEVEE ASSOCIATES, INC.																
Patents By Year of Grant:	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34
Patents By Year of Application:	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34
DEKKER BREEDING, B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	3	0	2	3	6	19	33
Patents By Year of Application:	0	0	0	0	0	0	0	3	0	0	2	9	13	6	0	33
STARK BROTHERS NURSERIES & ORCHARDS O	COMPANY															
Patents By Year of Grant:	29	2	2	0	0	0	0	0	0	0	0	0	0	0	0	33
Patents By Year of Application:	31	2	0	0	0	0	0	0	0	0	0	0	0	0	0	33
CORNELL RESEARCH FOUNDATION INC.																
Patents By Year of Grant:	11	2	0	1	0	0	7	0	2	1	2	0	0	5	1	32
Patents By Year of Application:	14	0	0	0	7	2	1	0	3	0	0	2	2	1	0	32
SEQUOIA NURSERY																
Patents By Year of Grant:	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32
Patents By Year of Application:	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32
BALL SEED CO., A DIVISION OF GEO. J.	BALL, IN	c.														
Patents By Year of Grant:	23	2	6	0	0	0	0	0	0	0	0	0	0	0	0	31
Patents By Year of Application:	23	5	3	0	0	0	0	0	0	0	0	0	0	0	0	31
COUNCIL OF SCIENTIFIC AND INDUSTRIAL	RESEARCH															
Patents By Year of Grant:	0	0	0	0	0	0	1	0	1	11	6	4	2	4	2	31
Patents By Year of Application:	0	0	0	0	1	2	1	7	8	6	4	2	0	0	0	31
SUN WORLD INTERNATIONAL, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	5	2	8	2	6	6	2	0	31
Patents By Year of Application:	0	0	0	0	1	6	0	0	10	0	8	6	0	0	0	31
ESMERALDA BREEDING B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	13	6	5	6	30
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	9	15	1	5	0	30

Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31	, 2007)	F	Ranked Li	st of Or	ganizati	ons with	5 or	More Pat	ents
	Pre															
	1994	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	TOTAL
FA. GEBR. VERWER																
Patents By Year of Grant:	0	0	0	0	0	10	0	9	2	7	1	0	0	0	0	29
Patents By Year of Application:	0	0	0	0	10	9	2	3	4	1	0	0	0	0	0	29
GEBR. KOLSTER B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	5	18	4	1	1	0	29
Patents By Year of Application:	0	0	0	0	0	0	0	0	17	6	4	2	0	0	0	29
PURDUE RESEARCH FOUNDATION																
Patents By Year of Grant:	19	0	2	0	1	0	0	0	0	1	3	0	0	2	1	29
Patents By Year of Application:	21	0	1	0	0	1	0	0	3	0	0	2	1	0	0	29
SELECTION NEW PLANT SARL	_	_	_		_					_	_					
Patents By Year of Grant:	0	0	0	11	6	2	0	2	0	2	0	4 2	0	2	0	29
Patents By Year of Application:	0	11	0	7	1	2	1	1	0	0	4	2	0	U	0	29
SUNSHINE FOLIAGE WORLD						_										
Patents By Year of Grant:	0	3	4	2	1	7	6	2	1	0	1	0	0	0	2	29
Patents By Year of Application:	3	4	2	7	3	6	1	0	0	1	0	0	2	0	0	29
BLOOMS OF BRESSINGHAM LTD.		•		0		•	•		•		4	2	•	0	•	20
Patents By Year of Grant:	4 7	3 1	1	0	1 7	3	2	4 1	2	4 1	1	3	0	0	0	28 28
Patents By Year of Application: GOLDSMITH PLANTS, INC.	,	1	1	U	,	3	2	1	2	1	3	U	U	U	U	28
Patents By Year of Grant:	0	0	0	0	0	0	0	10	5	13	0	0	0	0	0	28
Patents By Year of Application:	0	0	0	0	0	12	5	2	9	0	0	0	0	0	0	28
PLANT SCIENCES, INC.																
Patents By Year of Grant:	7	2	0	1	4	1	2	0	0	0	2	7	0	1	1	28
Patents By Year of Application:	9	0	1	4	2	1	0	1	0	2	6	0	2	0	0	28
KIEFT BLOEM ZADEN, B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	9	11	3	4	27
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	4	17	2	4	0	27
TWYFORD PLANT LABORATORIES, INC.																
Patents By Year of Grant:	9	0	0	0	0	0	0	0	4	14	0	0	0	0	0	27
Patents By Year of Application:	9	0	0	0	0	0	1	17	0	0	0	0	0	0	0	27
CORN. BAK B.V.																
Patents By Year of Grant:	5	3	0	1	0	2	4	0	2	4	0	1	1	0	3	26
Patents By Year of Application:	7	2	0	1	5	0	4	2	0	1	0	1	3	0	0	26

Organizational Patenting	Ī			(Grante	d: Jan 0	1, 1977	- Dec 31	, 2007)		Ranked Li	st of Or	ganizati	ons with	5 or	More Pat	tents
	Pre															
	1994	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	TOTAL
UNIVERSITY OF GEORGIA RESEARCH FOUND	ATTOM TAI	a														
Patents By Year of Grant:	ALION, IN	0	0	0	2	0	0	2	0	3	0	1	2	8	8	26
Patents By Year of Application:	0	0	2	0	1	1	0	3	0	2	3	1	10	3	0	26
racence by rear or impression.	<u>.</u>	_	-	•	-	-	ū	•	•	=		_		_	ū	
W. KORDES' SOHNE ROSENSCHULEN GMBH &	CO KG															
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	2	6	4	8	6	26
Patents By Year of Application:	0	0	0	0	0	0	0	0	4	3	6	1	12	0	0	26
CEBECO LILIES, INC.																
Patents By Year of Grant:	1	1	8	0	0	9	5	0	0	0	0	0	0	0	0	24
Patents By Year of Application:	2	8	0	4	10	0	0	0	0	0	0	0	0	0	0	24
KIRIN BREWERY CO., LTD.	•	•	•	•	•	•	•	•	•	2	10	•				0.4
Patents By Year of Grant: Patents By Year of Application:	0	0	0	0	0	0	0	0	0	14	12 0	0 2	1	1	8	24 24
ratemes by rear of Application:	U	U	U	U	U	U	U	U	U	14	U	2	_	,	U	24
OGLESBY PLANTS INTERNATIONAL, INC.																
Patents By Year of Grant:	0	0	0	0	0	1	5	1	7	4	3	2	1	0	0	24
Patents By Year of Application:	0	0	0	0	5	1	4	4	6	3	1	0	0	0	0	24
GEBR. VLETTER & J.A. DEN HAAN																
Patents By Year of Grant:	22	1	0	0	0	0	0	0	0	0	0	0	0	0	0	23
Patents By Year of Application:	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23
UNIVERSITY OF MINNESOTA, THE REGENTS																
Patents By Year of Grant:	8	0	0	0	0	1	1	1	0	1	2	5	0	2	2	23
Patents By Year of Application:	8	0	Ü	1	2	Ü	0	4	5	0	U	1	2	0	0	23
ETS. GUILLOU FRERES																
Patents By Year of Grant:	9	0	2	2	2	1	4	0	0	2	0	0	0	0	0	22
Patents By Year of Application:	9	2	3	5	1	0	2	0	0	0	0	0	0	0	0	22
	-	_	_	-	_	•	_		-		-	-			-	
BEGONIA BREEDERS ASSOC. B.V.																
Patents By Year of Grant:	0	0	0	0	0	7	3	0	0	0	1	1	3	2	4	21
Patents By Year of Application:	0	0	0	0	10	0	0	0	0	1	1	3	6	0	0	21
HER MAJESTY THE QUEEN IN RIGHT OF CA	-															
Patents By Year of Grant:	2	0	5	0	4	0	1	3	3	1	1	0	0	1	0	21
Patents By Year of Application:	3	4	0	4	1	4	2	0	2	0	0	1	0	0	0	21
NTI EGEOVE AGRICULTURA TVG																
MILESTONE AGRICULTURE INC.	0	0	3	0	6	5	1	0	4	1	0	0	0	0	0	20
Patents By Year of Grant: Patents By Year of Application:	0	3	1	8	2	1	2	3	0	0	0	0	0	0	0	20
racents by rear or application:	U	3	_	Ü		_		3	U	U	U	J	U	U	J	20

Organizational Patenti	na			(Grante	d. Jan (11. 1977	- Dec 31	2007)	D	anked Li	st of Or	canizati	ons with	5 or	More Pa	tents -
Organizacional Patenti				(Grance	a. Jan (, 1311	Dec 31	, 2007)	K	wined III	SC OL OL	Janizaci	.CIIS WICII	5 01	LOIG FA	- 20110
	Pre															
	1994	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	TOTAL
BARTELS BREEDING B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	4	5	0	0	0	7	1	18
Patents By Year of Application:	0	0	0	0	0	1	6	2	1	0	0	0	8	0	0	18
BAY CITY FLOWER COMPANY, INC.																
Patents By Year of Grant:	4	1	0	5	1	2	1	0	1	0	1	1	1	0	0	18
Patents By Year of Application:	5	1	4	1	3	1	0	0	1	2	0	0	0	0	0	18
DELIFLOR ROYALTY B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	4	7	2	2	3	18
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	4	7	4	3	0	0	18
PLANTAS DE NAVARRA S.A.																
Patents By Year of Grant:	2	3	0	2	0	0	1	0	0	0	1	5	1	3	0	18
Patents By Year of Application:	5	0	2	0	1	0	0	0	1	6	3	0	0	0	0	18
UNITED STATES OF AMERICA, DEPARTME																
Patents By Year of Grant:	1	0	0	0	2	0	1	0	0	8	0	3	1	2	0	18
Patents By Year of Application:	1	0	1	1	1	0	1	2	8	0	1	2	0	0	0	18
UNIVERSITY OF ARKANSAS	_						_					_		_		
Patents By Year of Grant:	7	0	0	0	2	0	0	0	3	4	0	1	1	0	0	18
Patents By Year of Application:	7	0	1	1	0	0	4	3	0	1	0	1	0	0	0	18
UPDUP DIVITIA DU																
VERWER DAHLIAS BV	0	•	•	•	•	•	•	0	•	•	2	2	1	11		1.0
Patents By Year of Grant: Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0 2	4	3 0	1 12	11 0	1 0	18 18
Patents by Year of Application:	U	U	U	U	U	U	U	U	U		4	U	12	U	U	10
B. V. HANDELSKWEKERIJ/M. C. VAN ST	A ATTEDENT															
Patents By Year of Grant:	AAVEREN 17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
Patents By Year of Application:		0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
racence by rear or appricacion:	1,	U	U	U	U	J	U	U	Ū	Ū	Ū	Ū	U	U	U	1,
HORTICULTURAL AND FOOD RESEARCH IN	STITUTE OF	NEW ZEAT	AND LIMT	TED												
Patents By Year of Grant:	0	1	ם אות ס	0	0	0	0	5	0	0	7	2	0	0	2	17
Patents By Year of Application:		0	0	0	5	0	0	0	4	5	0	1	1	0	0	17
1 domes 2, roat of inpprioaction.	-	,	v	,	,	·	·	-	-	,	v	-	-	ŭ	J	
KENT'S BROMELIAD NURSERY, INC.																
Patents By Year of Grant:	0	0	2	3	2	1	0	4	1	4	0	0	0	0	0	17
Patents By Year of Application:		3	2	1	0	4	1	2	2	0	0	0	0	0	0	17
	_	_	_	_		-	-	-	_	•				Ţ		
MAK 'T ZAND B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	2	5	10	17
Patents By Year of Application:		0	0	0	0	0	0	0	0	0	0	7	10	0	0	17

Organizational Patenting				(Grante	ed: Jan 0	1, 1977	- Dec 31	., 2007)	I	Ranked Li	st of Or	ganizati	ons with	5 or	More Pat	ents
	Pre															
	1994	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	TOTAL
SUN VALLEY BULB FARMS, INC.																
Patents By Year of Grant:	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
Patents By Year of Application:	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
SUPERIOR FARMING COMPANY																
Patents By Year of Grant:	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
Patents By Year of Application:	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
VISIO PLANT																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	7	10	0	17
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	17	0	0	0	17
AMERICAN FORESTRY TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	8	2	4	2	16
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	10	0	6	0	0	0	16
B. L. COBIA, INC.																
Patents By Year of Grant:	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
Patents By Year of Application:	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
ENTHOVEN BREEDING B.V.																
Patents By Year of Grant:	0	0	8	0	0	6	2	0	0	0	0	0	0	0	0	16
Patents By Year of Application:	0	8	0	6	0	2	0	0	0	0	0	0	0	0	0	16
KEISEI ROSE NURSERIES, INC.																
Patents By Year of Grant:	1	1	0	0	0	0	1	0	0	0	2	1	0	6	4	16
Patents By Year of Application:	2	0	0	1	0	0	0	0	2	1	0	0	9	1	0	16
PLANT COMPANY																
Patents By Year of Grant:	13	0	0	0	0	0	3	0	0	0	0	0	0	0	0	16
Patents By Year of Application:	13	0	0	0	3	0	0	0	0	0	0	0	0	0	0	16
TREE INTRODUCTIONS, INC.																
Patents By Year of Grant:	2	0	0	0	0	0	0	5	1	0	5	0	0	2	1	16

Patents By Year of Application:

Patents By Year of Application:

Patents By Year of Application:

Patents By Year of Grant:

Patents By Year of Grant:

E. G. HILL CO., INC.

WASHINGTON STATE UNIVERSITY RESEARCH FOUNDATION

Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31	, 2007)	F	Ranked Li	st of Or	ganizati	ons with	5 or	More Pat	cents
	Pre															
	1994	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	TOTAL
FISCHER GERANIUMS, INC.																
Patents By Year of Grant:	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
Patents By Year of Application:	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
INTERNATIONAL PLANT BREEDING AG																
Patents By Year of Grant:	0	0	0	0	0	11	0	0	0	0	4	0	0	0	0	15
Patents By Year of Application:	0	0	0	0	11	0	0	0	0	4	0	0	0	0	0	15
J. FRANK SCHMIDT & SON CO.																
Patents By Year of Grant:	8	0	2	0	0	3	0	0	0	0	1	0	0	1	0	15
Patents By Year of Application:	8	2	0	0	3	0	0	0	0	1	0	0	1	0	0	15
MOZANT LLC Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	3	4	7	0	0	0	15
Patents By Year of Application:	0	0	0	0	0	0	1	3	8	3	0	0	0	0	0	15
SAN JOAQUIN ROSE CO.	Ü	Ü	Ū	Ü	Ü	Ü	-	3	J	3	Ü	Ū	Ü	Ū	Ū	13
Patents By Year of Grant:	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
Patents By Year of Application:	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
VLETTER & DEN HAAN BEHEER B.V.	13	Ū	Ū	Ü	Ū	Ü	Ū	Ü	Ū	ŭ	Ü	Ū	Ü	Ū	Ū	13
Patents By Year of Grant:	0	0	0	2	0	0	0	0	0	2	0	2	5	4	0	15
Patents By Year of Application:	0	0	2	0	0	0	6	2	0	0	5	0	0	0	0	15
ADAMS COUNTY NURSERY, INC.	ŭ	ŭ	-	ŭ	Ü	Ü	Ü	-	Ū	v	3	ŭ	ŭ	Ü	Ū	
Patents By Year of Grant:	5	0	0	0	1	1	3	2	0	0	0	1	1	0	0	14
Patents By Year of Application:	5	0	1	0	4	2	0	0	0	0	1	1	0	0	0	14
AGRI OBTENTIONS S.A.																
Patents By Year of Grant:	0	0	1	0	0	0	0	0	0	1	0	0	2	6	4	14
Patents By Year of Application:	0	1	0	0	0	0	0	0	1	0	6	4	2	0	0	14
O. M. SCOTT AND SONS COMPANY																
Patents By Year of Grant:	13	0	1	0	0	0	0	0	0	0	0	0	0	0	0	14
Patents By Year of Application:	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
OGLESBY PLANT LABORATORIES, INC.																
Patents By Year of Grant:	4	2	0	1	3	4	0	0	0	0	0	0	0	0	0	14
Patents By Year of Application:	6	0	1	6	1	0	0	0	0	0	0	0	0	0	0	14
P. KOOIJ + ZONEN B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	3	4	0	0	0	0	7	14
Patents By Year of Application:	0	0	0	0	0	0	7	0	0	0	0	0	7	0	0	14

PLANT PATENTS REPORT, 1977-2007															Page	В - 13
Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31	, 2007)	F	Ranked Li	st of Or	ganizati	ons with	5 or	More Pat	tents
	Pre															
	1994	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	TOTAL
SAATZUCHT QUEDLINBURG GMBH																
Patents By Year of Grant:	0	0	0	0	12	2	0	0	0	0	0	0	0	0	0	14
Patents By Year of Application:	0	0	0	13	1	0	0	0	0	0	0	0	0	0	0	14
CARLTON ROSE NURSERIES, INC.			_		_								_	_	_	
Patents By Year of Grant:	12	0	0	0	1	0	0	0	0	0	0	0	0	0	0	13
Patents By Year of Application:	12	0	1	0	0	0	0	0	0	0	0	0	0	0	0	13
741 p. 11																
Fides B.V.	•	•	•	•	•	•	•	•	0	0	•	•	•	0	1.2	1.2
Patents By Year of Grant:	0	0	0	0	0	0	0	0	•	0	0	0	0 5	0 8	13 0	13 13
Patents By Year of Application:	0	U	0	U	U	U	U	U	0	U	0	U	5	8	U	13
IOWA STATE UNIVERSITY RESEARCH FOUNDA	N TTON THE															
Patents By Year of Grant:	11 11 11 11 11 11 11 11 11 11 11 11 11	. 0	0	0	0	0	0	0	0	1	0	0	0	0	1	13
Patents By Year of Application:	11	0	0	0	0	0	1	0	0	0	1	0	0	0	0	13
ratents by rear or apprication.		Ū	Ū	·	Ū	Ū	-	Ū	Ū	· ·	_	Ū	· ·	J	Ū	13
ITO PACKING CO., INC.																
Patents By Year of Grant:	10	0	1	1	0	0	0	0	0	1	0	0	0	0	0	13
Patents By Year of Application:	10	1	1	0	0	0	1	0	0	0	0	0	0	0	0	13
OMS INVESTMENTS, INC.																
Patents By Year of Grant:	0	0	1	1	4	1	1	3	1	1	0	0	0	0	0	13
Patents By Year of Application:	0	1	2	4	1	3	0	2	0	0	0	0	0	0	0	13
RESEARCH CORPORATION TECHNOLOGIES, IN	1C.															
Patents By Year of Grant:	12	0	1	0	0	0	0	0	0	0	0	0	0	0	0	13
Patents By Year of Application:	12	0	1	0	0	0	0	0	0	0	0	0	0	0	0	13
SHADY OAKS NURSERY, LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	3	0	0	0	9	1	13
Patents By Year of Application:	0	0	0	0	0	0	3	0	0	0	0	1	9	0	0	13
SOCIETE ANONYME DES PEPINIERES ET ROS			ELBARD													
Patents By Year of Grant:	0	0	0	0	1	4	0	3	0	3	1	0	0	1	0	13
Patents By Year of Application:	0	0	0	2	3	3	0	3	1	0	0	1	0	0	0	13
TREESEARCH (PARTNERSHIP)																
Patents By Year of Grant:	7	0	0	0	0	1	2	0	2	1	0	0	0	0	0	13
Patents By Year of Application:	7	0	0	1	2	0	1	2	0	0	0	0	0	0	0	13

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Patents By Year of Grant:

Patents By Year of Application:

									_					_		
Organizational Patenting				(Grante	ed: Jan (1977	- Dec 31	, 2007)	R	anked Li	st of Or	ganizati	ons with	5 or	More Pat	tents -
	Pre															
	1994	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	TOTAL
	1771		1,,,,	1,,,,	1007	1330	1,,,,	2000	2001	2002	2003	2001	2003	2000	2007	1011111
Advanced Plant Technologies LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	1	11	12
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	0	1	11	0	12
CALIFORNIA-FLORIDA PLANT CORPORATION																
Patents By Year of Grant:	2	0	0	0	0	0	0	0	0	0	0	0	0	7	3	12
Patents By Year of Application:	2	0	0	0	0	0	0	0	0	0	0	0	10	0	0	12
COINER NURSERY																
Patents By Year of Grant:	0	1	0	0	1	0	0	0	0	3	1	0	3	3	0	12
Patents By Year of Application:	1	1	0	0	0	0	0	4	6	0	0	0	0	0	0	12
D. S. COLE GROWERS, INC.																
Patents By Year of Grant:	0	0	2	1	1	1	1	0	0	5	0	1	0	0	0	12
Patents By Year of Application:	0	2	1	1	2	0	0	5	0	1	0	0	0	0	0	12
GREEN CIRCLE GROWERS, INC.																
Patents By Year of Grant:	0	0	0	0	11	1	0	0	0	0	0	0	0	0	0	12
Patents By Year of Application:	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	12
GRUNEWALD VEREDLINGS B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	5	1	0	6	12
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	6	0	3	3	0	12
HEM GENETICS BV																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	3	9	0	0	0	0	12
Patents By Year of Application:	0	0	0	0	0	0	0	0	3	9	0	0	0	0	0	12
HILVERDA B.V.																
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
INTERNATIONAL PLANT MANAGEMENT, INC.																
Patents By Year of Grant:	0	0	0	0	0	8	0	0	0	2	1	0	0	1	0	12
Patents By Year of Application:	0	0	0	8	0	0	0	2	1	0	0	1	0	0	0	12
ITSAUL PLANTS																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	1	0	0	0	5	6	12
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	1	0	3	8	0	0	12
J. & H. Westhoff Interpel																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	5	7	12
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	0	10	2	0	12

PLANT PATENTS REPORT, 1977-2007 Page B - 15

Organizational Patenting		(Grante	ed: Jan 01	., 1977 -	Dec 31,	2007) -	 Ranked List	of Organization	ns with	5 c	or More Pate	nts	
	re												

		Pre															
		1994	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	TOTAL
MI	IYOSHI & CO. LTD.																
	Patents By Year of Grant:	0	0	0	3	0	4	0	0	0	0	1	0	1	2	1	12
	Patents By Year of Application:	0	0	3	4	0	0	0	0	0	1	2	0	2	0	0	12
RC	OSEN TANTAU MATHIAS TANTAU NACHFOLG	ER															
	Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	2	2	1	1	3	2	12
	Patents By Year of Application:	0	0	0	0	0	0	2	1	1	2	1	4	1	0	0	12
SI	IRI BROTHERS NURSERY, INC.																
	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
SI	TATE OF ISRAEL, MINISTRY OF AGRICUL	TURE, AGR	ICULTURA	L RESEAR	CH ORGAN	IZATION,	THE VOL	CANI CEN	TER								
	Patents By Year of Grant:	6	3	0	0	0	0	1	2	0	0	0	0	0	0	0	12
	Patents By Year of Application:	9	0	0	0	3	0	0	0	0	0	0	0	0	0	0	12
WI	IESMOOR-GARTNEREI UND BAUMSCHULE GM	ВН															
	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
WC	OLFGANG BOCK PFLANZENEXPORT KG																
	Patents By Year of Grant:	0	0	0	0	3	5	4	0	0	0	0	0	0	0	0	12
	Patents By Year of Application:	0	0	3	3	6	0	0	0	0	0	0	0	0	0	0	12
ВС	ODGER SEEDS, LTD.																
	Patents By Year of Grant:	5	0	0	0	0	0	0	0	0	0	0	5	1	0	0	11
	Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	6	0	0	0	0	11
DE	ENACHTVLINDER B.V.																
	Patents By Year of Grant:	0	2	0	0	1	3	1	0	1	3	0	0	0	0	0	11
	Patents By Year of Application:	2	0	0	4	1	0	4	0	0	0	0	0	0	0	0	11
FF	RUIT TREE RESEARCH STATION, MINISTR	Y OF AGRI	CULTURE,	FORESTR	Y AND FI	SHERIES											
	Patents By Year of Grant:	7	1	2	1	0	0	0	0	0	0	0	0	0	0	0	11
	Patents By Year of Application:	8	2	1	0	0	0	0	0	0	0	0	0	0	0	0	11
G.	ARTNERIET PKM APS																
	Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	2	4	5	0	11
	Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	7	1	3	0	0	11
Go	oldsmith Seeds Europe B.V.																
	Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11
	Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0	11

Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31	, 2007)		Ranked Li	st of Or	ganizati	ons with	5 or	More Pat	ents
	Pre															
	1994	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	TOTAL
H. AND B.R. VAN DEN BOSCH B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	3	2	0	1	3	1	0	1	0	11
Patents By Year of Application:	0	0	0	0	0	3	2	1	0	3	1	0	1	0	0	11
HARTMAN PLANT LABORATORIES, 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
HOFFGAARDE B.V.	_	_	_	_	_		_									
Patents By Year of Grant:	2	1	7	0	0	0	1	0	0	0	0	0	0	0	0	11
Patents By Year of Application:	2	8	0	0	1	0	0	0	0	0	0	0	0	0	0	11
INTER-PLANT PATENT MARKETING, INC.		_														
Patents By Year of Grant:	4 7	3	0	4	0	0	0	0	0	0	0	0	0	0	0	11
Patents By Year of Application:	7	U	4	U	U	U	U	U	U	U	0	U	U	U	0	11
JOSEPH H. HILL COMPANY																
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
L. DAEHNFELDT A/S			•													
Patents By Year of Grant:	9	0	0	2	0	0	0	0	0	0	0	0	0	0	0	11
Patents By Year of Application: OUTBACK PLANTS PTY. LTD.	9	0	2	0	0	0	0	0	0	0	0	0	0	0	0	11
Patents By Year of Grant:	0	0	0	0	0	0	2	4	3	1	1	0	0	0	0	11
Patents By Year of Application:	0	0	0	0	2	4	0	3	1	1	0	0	0	0	0	11
RESEARCH CORPORATION																
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
STATE OF ISRAEL - MINISTRY OF AGRICUL	TURE AND	RURAL D	EVELOPME	NT												
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	11
Patents By Year of Application:	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	11
SUN WORLD, INC.																
Patents By Year of Grant:	7	0	0	0	1	3	0	0	0	0	0	0	0	0	0	11
Patents By Year of Application:	7	0	0	4	0	0	0	0	0	0	0	0	0	0	0	11
AGRICULTURE AND AGRI-FOOD CANADA																
Patents By Year of Grant:	0	0	0	0	1	0	0	3	0	0	0	0	1	1	4	10
Patents By Year of Application:	0	0	1	0	0	3	0	0	0	2	0	3	1	0	0	10

Organizational Patenting				(Grante	d: Jan 0	1. 1977	- Dec 31	, 2007)	1	Ranked Li	st of Or	ganizati	ons with	5 or	More Pat	cents
				(-,		,,				. J				
	Pre															
	1994	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	TOTAL
CHOPIN & WRIGHT NURSERY, LTD.																
Patents By Year of Grant:	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Patents By Year of Application:	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
CLEARWATER NURSERY, INC.																
Patents By Year of Grant:	0	2	2	3	0	2	1	0	0	0	0	0	0	0	0	10
Patents By Year of Application:	2	2	3	2	1	0	0	0	0	0	0	0	0	0	0	10
GILBERG PERENNIAL FARMS, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	3	1	2	0	4	0	0	0	0	10
Patents By Year of Application:	0	0	0	0	0	4	2	4	0	0	0	0	0	0	0	10
H. P. METZLER & SONS, INC.																
Patents By Year of Grant:	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Patents By Year of Application:	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
INSPIRATION PLANT CV																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	8	1	0	1	10
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	9	0	1	0	0	10
14001105 27 1041 01 11			· ·	ū	·	•	•		•	•	-	•	-		ū	
KOPPE VEREDELING B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	2	1	1	2	3	1	0	0	0	10
Patents By Year of Application:	0	0	0	0	0	3	1	2	0	3	1	0	0	0	0	10
Schoenmakers Tropische Potcultures VC				_									_	_		
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0 9	6 1	4	10 10
Patents By Year of Application:	U	U	U	U	U	U	U	U	U	U	U	U	9	1	U	10
TEXAS A AND M UNIVERSITY																
Patents By Year of Grant:	1	0	0	0	0	1	1	2	0	1	2	2	0	0	0	10
Patents By Year of Application:	1	0	0	0	2	2	0	1	0	4	0	0	0	0	0	10
UNIVERSITY OF SYDNEY PLANT BREEDING I		-														
Patents By Year of Grant:	0	0	0	0	0	0	3	3	4	0	0	0	0	0	0	10
Patents By Year of Application:	0	0	0	0	3	3	4	0	0	0	0	0	0	0	0	10
WITTEMAN + CO. MULTIFLORA B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	2	7	1	0	0	0	0	10
Patents By Year of Application:	0	0	0	0	0	0	0	3	6	1	0	0	0	0	0	10
ANTHURA B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	2	0	4	0	2	0	9
Patents By Year of Application:	0	0	0	0	0	0	0	2	1	0	6	0	0	0	0	9

Organizational Patenting				(Cmanta	d. Ton (1 1077	Dog 21	2007)		anked Ii	at of Om	~~~i ~~+i	ons with	E 050	Mara Dai	-onta
Organizational Patenting				(Grante	ed: Jan (11, 19//	- Dec 31	, 2007)	K	anked Li	st of Or	ganizati	ons with	5 01	More Pa	tents -
	Pre															
	1994	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	TOTAL
BLOOMZ LIMITED																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	4	3	0	2	9
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	4	3	2	0	0	9
COOPERATIEVE VERENIGING WERKGROEP HI	BISCUS U.	A.														
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	4	4	1	0	0	9
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	4	5	0	0	0	0	9
DELIFLOR CHRYSANTEN B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	1	3	0	1	0	3	9
Patents By Year of Application:	0	0	0	0	0	0	1	1	1	2	0	1	3	0	0	9
DENHOLM SEEDS, INC.																
Patents By Year of Grant:	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Patents By Year of Application:	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
GOLDEN STATE BULB GROWERS																
Patents By Year of Grant:	4	0	0	0	0	0	0	0	0	4	0	0	0	0	1	9
Patents By Year of Application:	4	0	0	0	0	0	0	4	0	0	0	0	1	0	0	9
GOLDSTOCK BREEDING LIMITED																
Patents By Year of Grant:	0	5	4	0	0	0	0	0	0	0	0	0	0	0	0	9
Patents By Year of Application:	5	4	0	0	0	0	0	0	0	0	0	0	0	0	0	9
JOHN I. HAAS, INC.																
Patents By Year of Grant:	0	3	0	0	1	0	0	1	0	4	0	0	0	0	0	9
Patents By Year of Application:	3	0	0	2	0	0	4	0	0	0	0	0	0	0	0	9
MITSUWA NURSERY, 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
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	0	0	0	0	0	0	0	0	5	1	3	0	0	9
Patents By Year of Application:	0	0	0	0	0	0	0	0	2	3	4	0	0	0	0	9
		-	-		,	-	-	-		-		-		-	,	-
PARADISE SEED COMPANY																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	5	1	3	9
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	5	3	1	0	9

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Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31	, 2007)	F	Ranked Li	st of Or	ganizati	ons with	5 or	More Pat	ents
	_															
	Pre 1994	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	TOTAL
			2333	2550		2000					2000		2005			
S.A.R.L. AGRO SELECTION FRUITS																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	9
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	9
SUNVIEW VINEYARDS OF CALIFORNIA, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	1	5	2	1	0	9
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	9
SWEETBRIAR DEVELOPMENT INC.																
Patents By Year of Grant:	2	0	1	2	0	0	4	0	0	0	0	0	0	0	0	9
Patents By Year of Application:	2	1	2	0	0	4	0	0	0	0	0	0	0	0	0	9
WALTERS GARDENS INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	2	5	2	9
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	2	4	2	1	0	9
WEYERHAEUSER COMPANY																
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
WILLI ENDISCH GBR																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	7	2	0	9
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	8	1	0	0	9
BERRY GENETICS, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	6	0	0	0	0	2	8
Patents By Year of Application:	0	0	0	0	0	0	4	0	2	0	0	0	2	0	0	8
BONZA BOTANICALS PTY., LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	1	6	1	8
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	1	6	1	0	0	8
CO-OPERATIVE ROSE GROWERS, 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
COLORADO STATE UNIVERSITY RESEARCH FO	UNDATION															
Patents By Year of Grant:	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Patents By Year of Application:	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
FIDES, HANDELSKWEKERIJ																
Patents By Year of Grant:	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Patents By Year of Application:	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8

Organizational Patenting				(Grante	d: Jan 0	1, 1977 -	- Dec 31	, 2007)	F	Ranked Li	st of Or	ganizati	ons with	5 or	More Pat	cents
	Pre															
	1994	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	TOTAL
FLORANOVA LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	7	0	1	0	0	8
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	7	0	1	0	0	0	8
Green Works International B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	4	3	1	8
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	6	2	0	0	8
NEW PLANTS																
Patents By Year of Grant:	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Patents By Year of Application:	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
NORTH CAROLINA STATE UNIVERSITY																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	4	2	0	2	8
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	4	2	2	0	0	0	8
PELARGONIEN-FISCHER KG																
Patents By Year of Grant:	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Patents By Year of Application:	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
PRIDE OF PLACE PLANTS, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	2	0	0	2	0	3	1	0	0	8
Patents By Year of Application: SUNNY GRONNEGYDEN APS	0	0	0	0	2	1	0	1	1	3	0	0	0	0	0	8
	0	0	0	•	0	0	0	•	0	0	0	0	1	3	4	8
Patents By Year of Grant: Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	4	4	0	4	8
SUNNY OSTEOSPERMUM APS	U	U	U	U	Ū	U	Ü	U	Ū	U	U	**	*	U	U	0
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	5	3	8
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	3	5	0	0	8
UNIVERSITY OF TENNESSEE RESEARCH CORPO	ORATION															
Patents By Year of Grant:	5	0	0	0	0	0	0	0	0	3	0	0	0	0	0	8
Patents By Year of Application:	5	0	0	0	0	0	0	3	0	0	0	0	0	0	0	8
AGRI-STARTS INC.																
Patents By Year of Grant:	0	0	0	1	1	0	2	0	0	0	0	0	0	0	3	7
Patents By Year of Application:	0	0	2	0	2	0	0	0	0	0	0	0	0	3	0	7
CENTERTON NURSERY, INC.																
Patents By Year of Grant:	0	0	0	0	1	0	0	0	0	0	4	1	0	1	0	7
Patents By Year of Application:	0	0	1	0	0	0	0	0	4	0	1	1	0	0	0	7

															50	
Organizational Patenting				(Grante	ed: Jan (1977	- Dec 31	, 2007)	I	Ranked Li	st of Or	ganizati	ons with	5 or	More Pa	tents
	Pre															
	1994	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	TOTAL
COLOR SPOT NURSERIES, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	1	4	1	1	0	0	0	0	0	7
Patents By Year of Application:	0	0	0	0	2	3	0	1	1	0	0	0	0	0	0	7
DEDOCAT DE LUMA DED																
DEROOSE PLANTS BVBA Patents By Year of Grant:	0	0	0	0	0	0	0	0	7	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
ERNST BENARY SAMENZUCHT GMBH Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	1	1	5	7
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	1	4	2	0	7
GARTNERIET HJORTEBJERG I/S	0	0	0	0	0	0	0	0	0	0	0	_	2	0	0	7
Patents By Year of Grant: Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	5 7	0	0	0	7
GROOT ASSOCIATES II																
Patents By Year of Grant: Patents By Year of Application:	7 7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7 7
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нва																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	1	6	0	7
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	1	6	0	0	7
JOSEPH + LUC PIETERS BVBA																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	3	2	1	1	0	7
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	3	2	1	1	0	0	7
L. DAEHNFELDT LTD.																
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
PIET SCHREURS HOLDING B.V.																
Patents By Year of Grant:	0	0	0	1	0	0	0	1	0	0	0	1	2	2	0	7
Patents By Year of Application:	0	0	1	1	0	0	0	0	0	3	2	0	0	0	0	7
REEDLEY NURSERY, INC.																
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
DEGENDAL FOUNDATION OF GRAME VICTORIA	.mv on	ILI VODV														
RESEARCH FOUNDATION OF STATE UNIVERSI Patents By Year of Grant:	TY OF NE	W YORK 0	0	0	0	0	0	0	0	0	0	0	0	0	7	7
- account by rour or crance	•	•	5	9	5	J	9	•	9	•	9	•	•	•	,	•

Patents By Year of Application:

Created: Jan 01, 1977 For 11, 2007	Organizational Patenting				(Grante	od. Jan O	1 1077	- Dec 31	2007)	E	anked Li	gt of Or	·aanizati	one with	5 or	More Dat	tents
**************************************	Organizacional Facencing				(GI alice	u. Uan U	11, 13//	- Dec 31	, 2007)	F	anked hi	SC OI OI	ganizaci	OIIS WICH	3 01	MOIE FA	Lencs
NOSES BY FRED EMMINDS, INC. Patents By Year of Cyant: 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Pre															
Patents By Year of Grant: 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		1994	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	TOTAL
Patents By Year of Grant: 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0																	
SANATA SEED AMERICA, INC. SANATA SEED AMERICA, INC. Patente By Year of Grant: 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ROSES BY FRED EDMUNDS, INC.																
SAMATA SERD ANDREACA, INC. Patents By Year of Grant: 3 0 0 0 0 0 3 1 0 0 0 0 0 0 0 0 0 0 0 0	Patents By Year of Grant:	6	0	0	0	0	0	0	0	0	0	0	1	0	0	0	7
Patents By Year of Grant: 3 0 0 0 4 0 0 3 1 0 0 0 0 0 0 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	1	0	0	0	0	7
Patents By Year of Grant: 3 0 0 0 4 0 0 3 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0																	
### Patents By Year of Application: 3 0 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	SAKATA SEED AMERICA, INC.																
SEED RESIDACE SERVICES, LLC Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Patents By Year of Grant:	3	0	0	0	0	3	1	0	0	0	0	0	0	0	0	7
Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Patents By Year of Application:	3	0	0	4	0	0	0	0	0	0	0	0	0	0	0	7
Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0																	
## Patents By Year of Application: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	SEED RESEARCH SERVICES, LLC																
STEWART ORCHIDS Patents By Year of Grant:	Patents By Year of Grant:	0				-		-			-			•		•	· ·
Patents By Year of Grant: 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Patents By Year of Application:	0	0	0	0	0	0	0	5	0	2	0	0	0	0	0	7
Patents By Year of Grant: 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0																	
Patents By Year of Application: 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0																	
UNIVERSITY OF ILLINOIS Patents By Year of Grant:	-		-			-		-		-	-		-	-		-	•
Patents By Year of Grant: 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Patents By Year of Application:	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Patents By Year of Grant: 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0																	
Patents By Year of Application: 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0																	
UNIVERSITY OF NEBRASKA, THE BOARD OF REGENTS OF Patents By Year of Grant: 2 0 0 1 0 3 0 0 1 0 0 0 0 0 0 7 Patents By Year of Application: 2 0 1 0 3 0 0 0 1 0 0 0 0 0 0 0 0 7 WULFINGHOFF ALSTROEMERIA B.V. Patents By Year of Grant: 0 0 0 1 0 0 0 0 0 0 1 1 2 2 1 0 1 7 Patents By Year of Application: 0 0 1 0 0 0 0 0 0 1 1 2 2 1 0 1 7 AGROPLANT-SELECT BV Patents By Year of Application: 6 0 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0																-	-
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Patents By Year of Grant: 2 0 0 0 1 0 1 0 0 3 0 0 1 0 0 0 0 7 Patents By Year of Application: 2 0 1 0 0 3 0 0 0 0 1 0 0 0 0 0 0 0 7 WULFINGHOFF ALSTROEMERIA B.V. Patents By Year of Grant: 0 0 0 1 0 0 0 0 0 0 0 0 1 1 2 0 0 0 0 0																	
Patents By Year of Application: 2 0 1 0 3 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 7 WULFINGHOFF ALSTROEMERIA B.V. Patents By Year of Grant: 0 0 0 1 0 0 0 0 0 0 1 1 2 1 2 1 0 1 7 Patents By Year of Application: 0 0 1 0 0 0 0 0 0 0 1 1 2 1 2 1 0 1 7 AGROPLANT-SELECT BV Patents By Year of Grant: 0 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						_	•	•	_		•	_					_
WULFINGHOFF ALSTROEMERIA B.V. Patents By Year of Grant: 0 0 0 1 0 0 0 0 0 1 1 2 1 2 1 0 1 7 Patents By Year of Application: 0 0 1 0 0 0 0 0 0 1 1 2 1 2 1 0 1 7 AGROPLANT-SELECT BV Patents By Year of Application: 6 0 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	_																
Patents By Year of Grant: 0 0 0 1 0 0 1 0 0 0 0 1 1 0 0 0 0 1 1 1 2 1 0 1 7 Patents By Year of Application: 0 0 1 0 0 0 0 0 0 0 1 4 0 0 0 1 0 0 7	Patents By Year of Application:	2	U	1	0	3	U	U	0	1	0	0	U	U	U	U	7
Patents By Year of Grant: 0 0 0 1 0 0 1 0 0 0 0 1 1 0 0 0 0 1 1 1 2 1 0 1 7 Patents By Year of Application: 0 0 1 0 0 0 0 0 0 0 1 4 0 0 0 1 0 0 7	MILLETNOLOGE ALGEDOEMEDTA D. M.																
Patents By Year of Application: 0 0 1 0 0 0 0 0 0 1 4 0 0 0 1 0 0 0 7 AGROPLANT-SELECT EV Patents By Year of Grant: 0 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0	0	0	1	0	0	0	0	0	1	- 1	2	1	0	1	7
AGROPLANT-SELECT BV Patents By Year of Grant: 0 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-																
Patents By Year of Grant: 0 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Pacenics by fear of Application:	U	U		U	U	U	U	U		*	U	U	1	U	U	,
Patents By Year of Grant: 0 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ACPODIANT-SELECT BY																
Patents By Year of Application: 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6
ESTABLISSEMENTS BARBERAT ET BLANC, LABORATOIRE DE PHYSIOLOGI Patents By Year of Grant: 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0														-			
Patents By Year of Grant: 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	racenes by rear or approaches.	Ů	, ,	· ·	•	•	•	•	•	Ů	•	·	· ·	, ,	, i	·	, and the second
Patents By Year of Grant: 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ESTABLISSEMENTS BARBERAT ET BLANC. L	ABORATOIR	E DE PHY	SIOLOGI													
Patents By Year of Application: 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					0	0	0	0	0	0	0	0	0	0	0	0	6
FLORETA PTY. LTD. Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 6 Patents By Year of Application: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 6 GEBR. MAN C.V. Patents By Year of Grant: 2 0 0 0 0 0 3 1 0 0 0 0 0 0 0 0 0 0 0 0 0			0											0			
Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			-			-	-	-	-	-	-	-	-		-	-	-
Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	FLORETA PTY. LTD.																
Patents By Year of Application: 0 0 0 0 0 0 0 0 0 0 0 5 1 0 0 6 GEBR. MAN C.V. Patents By Year of Grant: 2 0 0 0 0 3 1 0 0 0 0 0 0 0 0 6		0	0	0	0	0	0	0	0	0	0	0	2	3	1	0	6
GEBR. MAN C.V. Patents By Year of Grant: 2 0 0 0 0 3 1 0 0 0 0 0 0 0 6																	
Patents By Year of Grant: 2 0 0 0 0 3 1 0 0 0 0 0 0 0 6																	
	GEBR. MAN C.V.																
	Patents By Year of Grant:	2	0	0	0	0	3	1	0	0	0	0	0	0	0	0	6
		2	0	0	0	4			0	0	0	0	0	0	0	0	6

PLANT PATENTS REPORT, 1977-2007															Page	B - 23
Organizational Patenting				(Grante	ed: Jan 0	1, 1977	- Dec 31	, 2007)	I	Ranked Li	st of Or	ganizati	ons with	5 or	More Pat	ents
-				-		•						_				
	Pre															
	1994	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	TOTAL
GEO. W. PARK SEED CO., INC.																
Patents By Year of Grant:	4	0	0	0	0	2	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
HILLTOP ORCHARDS & NURSERIES, INC.																
Patents By Year of Grant:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Patents By Year of Application:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
HORTIBREED N.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	0	0	0	1	0	4	0	6
Patents By Year of Application:	0	0	0	0	0	0	1	0	0	0	1	3	1	0	0	6
Handelskwekerij Verheijen vof.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	5	1	6
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	1	5	0	0	6
KLEHM BOYS PARTNERSHIP																
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
KOALA BLOOMS PTY. LTD.																
Patents By Year of Grant:	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	6
Patents By Year of Application:	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	6
LACEBARK, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	1	2	0	3	0	6
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	2	1	2	1	0	0	6
LAKE AREA NURSERY, INC.																
Patents By Year of Grant:	0	0	0	0	0	1	0	0	1	1	0	1	1	0	1	6
Patents By Year of Application:	0	0	0	0	1	0	0	1	1	0	1	1	0	1	0	6
METZLER INVESTMENTS																
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
NATIONAL SEED DEVELOPMENT ORGANISATIO	N LIMITE	:D														
Patents By Year of Grant:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Patents By Year of Application:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
NOVARTIS SEEDS B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	3	1	0	2	0	0	0	0	0	6
Patents By Year of Application:	0	0	0	0	4	0	0	2	0	0	0	0	0	0	0	6

PLANT PATENTS REPORT, 1977-2007 Page B - 24

Organizational Patenting				(Grante	d: Jan 0	1, 1977	- Dec 31	, 2007)		Ranked Li	st of Or	ganizati	ons with	5 or	More Pat	cents
	Pre															
	1994	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	TOTAL
OKANAGAN PLANT IMPROVEMENT CO.LTD.																
Patents By Year of Grant:	0	0	0	0	0	3	1	2	0	0	0	0	0	0	0	6
Patents By Year of Application:	0	0	0	0	4	2	0	0	0	0	0	0	0	0	0	6
PANORAMA ROSES N.V.																
Patents By Year of Grant:	0	0	0	0	0	0	3	1	0	1	0	0	1	0	0	6
Patents By Year of Application:	0	0	0	0	4	0	0	1	0	0	1	0	0	0	0	6
PLANTENKWEKERIJ J. VAN GEEST, B.V.																
Patents By Year of Grant:	0	0	0	0	1	0	0	1	0	2	0	0	2	0	0	6
Patents By Year of Application:	0	0	1	0	0	1	0	2	0	0	0	2	0	0	0	6
POULSEN ROSER INTERNATIONAL S.A.R.L.																
Patents By Year of Grant:	0	0	0	0	1	1	3	0	0	1	0	0	0	0	0	6
Patents By Year of Application:	0	0	0	2	3	1	0	0	0	0	0	0	0	0	0	6
SANDE BV																
Patents By Year of Grant:	0	0	0	0	0	0	1	0	0	1	0	2	0	0	2	6
Patents By Year of Application:	0	0	0	0	1	0	0	1	0	1	1	0	1	1	0	6
SUNNY BORDER NURSERIES, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	3	3	0	6
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	6
UNIVERSITY OF CONNECTICUT	_	_		_	_				_	_	_			_		_
Patents By Year of Grant:	0	0	3 1	1	1	0	0	0	0	0	0	0	0 1	0	1	6 6
Patents By Year of Application:	0	4	1	0	U	U	0	0	U	U	U	U	1	0	U	6
AB Breeding Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5
AGRIOM B.V.	Ū	Ū	Ū	v	v	Ū	Ū	U	Ū	v	Ū	U	3	Ū	v	3
Patents By Year of Grant:	0	0	0	0	0	0	1	0	0	0	0	0	0	3	1	5
Patents By Year of Application:	0	0	0	0	0	1	0	0	0	0	0	0	4	0	0	5
-	Ü	ŭ	ŭ	ŭ	v	-	Ü	ŭ	Ü	Ü	Ü	Ü	-	ŭ	v	J
BIOTECH PLANTS PTY. 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
-	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	э
CARLTON NURSERY COMPANY, INC.	-	^	•	^	^	^	^	^	•	•	^	^	^	•	^	-
Patents By Year of Applications	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	0	U	U	U	U	0	0	U	U	U	0	U	U	5

Organizational Patenting	(Granted: Jan 01, 1977 - Dec 31, 2007)	Ranked List of Organizations with 5 or More Patents

-				,		•										
	Pre															
	1994	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	TOTAL
CHAS. KLEHM & SON																
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
COLUMBIA & OKANOGAN NURSERY, INC.																
Patents By Year of Grant:	3	0	0	1	0	0	0	1	0	0	0	0	0	0	0	5
Patents By Year of Application:	3	0	1	0	1	0	0	0	0	0	0	0	0	0	0	5
DELEON'S BROMELIAD WORLD, INC.																
Patents By Year of Grant:	2	0	0	0	0	3	0	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	2	0	0	0	3	0	0	0	0	0	0	0	0	0	0	5
ETABLISSEMENTS BARBERET ET BLANC																
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
FLOWERWOOD NURSERY INC.																
Patents By Year of Grant:	1	1	3	0	0	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	2	1	2	0	0	0	0	0	0	0	0	0	0	0	0	5
FRAMPTONS NURSERIES LIMITED																
Patents By Year of Grant: 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 rear of Application:	3	U	U	U	U	U	U	U	U	U	U	U	U	U	U	3
G & G Breeding Corporation																
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	0	5	0	5
GARTNERIET ROSBORG BELLINGE A/S Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	2	1	2	0	0	0	5
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	3	2	0	0	0	0	5
14001100 07 1041 01 11571104010111	•	•	•						•	•	_		•		ū	
H. DE MEYER - DE ROUCK B.V.B.A.																
Patents By Year of Grant:	0	4	0	0	1	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	5
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
J P Bartlett Co Inc																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5
Patents By Year of Application:	0	U	U	U	U	U	U	0	0	0	1	4	0	U	U	5

Organizational Patenting				(Grante	n act. ·ba	1 1077	- Dec 31	2007)	T	Panked Li	et of Or	anizati	one with	5 or	More Dat	ents
Organizational Facenting				(GI alice	a. Dan C	11, 13//	- Dec 31	, 2007)	P	kalikeu III	SC OI OI	ganizaci	OIIS WICH	3 01	MOIE FA	encs
	Pre															
	1994	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	TOTAL
KONINKLIJKE VAN ZANTEN B.V.																
Patents By Year of Grant:	0	1	0	0	0	0	0	3	1	0	0	0	0	0	0	5
Patents By Year of Application:	1	0	0	0	0	4	0	0	0	0	0	0	0	0	0	5
KOPPE ROYALTY B. V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	1	0	3	1	5
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	1	3	1	0	5
M. LEK EN ZONEN, B.V.																
Patents By Year of Grant:	3	0	0	2	0	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	3	0	2	0	0	0	0	0	0	0	0	0	0	0	0	5
MICHIGAN STATE UNIVERSITY	_				•					•		_	•		_	_
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	0	3	0	0	1	5
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	0	3	0	1	0	0	5
WE WOOD I TI THE TWO																
MT. HOOD LILIES, INC.	•	_											•			_
Patents By Year of Grant:	0	5 1	0	0	0	0	0	0 0	0	0	0	0	0	0 0	0	5 5
Patents By Year of Application:	4	1	U	U	U	U	U	U	U	U	U	U	U	U	U	5
NAKAJIMA TENKOEN CO., LTD.																
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	1	0	0	0	0	0	0	0	0	0	0	0	5
ratenes by rear of application.	-		· ·	_	· ·	, ,	J	•	•		· ·	J	· ·	•	•	,
NATIONAL INSTITUTE OF AGROBIOLOGICAL	SCIENCES															
Patents By Year of Grant:	0	1	0	0	0	0	0	2	2	0	0	0	0	0	0	5
Patents By Year of Application:	1	0	0	0	0	2	2	0	0	0	0	0	0	0	0	5
NEW WORLD PLANTS USA																
Patents By Year of Grant:	0	1	0	0	4	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	1	0	0	4	0	0	0	0	0	0	0	0	0	0	0	5
OLIJ ROSEN-B.V.																
Patents By Year of Grant:	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	5
Patents By Year of Application:	0	0	0	2	1	2	0	0	0	0	0	0	0	0	0	5
OREGON BULB FARMS, 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
OUTENIQUA NURSERY																
Patents By Year of Grant:	0	0	0	0	0	0	2	2	0	0	1	0	0	0	0	5
Patents By Year of Application:	0	0	0	0	3	1	0	0	1	0	0	0	0	0	0	5

PLANT PATENTS REPORT, 1977-2007															Page	В - 27
											_					
Organizational Patenting				(Grante	ed: Jan 0	1, 1977	- Dec 31	, 2007)	I	Ranked Li	st of O	rganizati	ons with	5 or	More Pat	ents
	Pre 1994	1004	1005	1996	1997	1000	1999	2000	2001	2002	2003	2004	2005	2006	2007	TOTAL
	1994	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	TOTAL
PAN AMERICAN SEED COMPANY, A DIVISION	OF BALL	HORTICU	LTURAL C	co.												
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	1	3	1	0	0	5
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	5
PENN STATE RESEARCH FOUNDATION, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	1	1	1	1	0	0	1	0	0	5
Patents By Year of Application:	0	0	0	0	1	1	1	0	1	0	0	1	0	0	0	5
POTHOS PLANT B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	5
REDLANDS NURSERY PTY. LTD.	•	^	•	•	•	•	_	_	^	_	•	•	^	•	•	_
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0 5	5 0	0	0	0	0 0	0	5 5
Patents By Year of Application:	U	U	U	U	U	U	U	U	5	U	U	U	U	U	U	5
ROYAL SLUIS B.V.																
Patents By Year of Grant:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
SCOTTISH CROP RESEARCH INSTITUTE																
Patents By Year of Grant:	1	0	0	0	2	0	0	2	0	0	0	0	0	0	0	5
Patents By Year of Application:	1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	5
INVESTIGATION OF TRANSPORT																
UNIVERSITY OF FLORIDA	4		•	0	•	•	0	•	^	0	•	•	0	0	0	5
Patents By Year of Grant: Patents By Year of Application:	5	1 0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
racenes by rear or appricacion:	3	U	U	U	U	U	U	U	U	U	U	U	U	U	U	3
UNIVERSITY OF HAWAII																
Patents By Year of Grant:	1	0	0	0	1	0	0	0	0	3	0	0	0	0	0	5
Patents By Year of Application:	1	0	1	0	0	0	3	0	0	0	0	0	0	0	0	5
UNIVERSITY OF MASSACHUSETTS																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	0	0	0	1	0	1	2	5
Patents By Year of Application:	0	0	0	0	0	1	0	0	0	1	0	1	2	0	0	5
VARIETIES INTERNATIONAL, LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0	5
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	3	0	2	0	0	0	5
WOULD LEDGER WITH DRODUGE																
YOVAL AGRICULTURAL PRODUCTS LTD.	-	-	_	_	^	^	_	_	_	^	_	_	•	_	_	_
Patents By Year of Grant:	1	1	0	3	0	0	0	0	0	0	0	0	0	0	0	5

Patents By Year of Application:

Patents By Year of Application:

Other Organizations (679)
Patents By Year of Grant: