

Variety Fluorescence Levels Recognized by the  
National Grass Variety Review Board  
As of March 18, 2015

Variety and Kind	Experimental Designation	OECD Synonym Name <sup>1</sup>	Year Approved	Variety Fluorescence Level
02.0384 Perennial ryegrass <sup>2</sup>	2.0384, Drifter		2004	0.91%
246 Perennial ryegrass			1991	0.27%
08-16 Lp Perennial ryegrass <sup>2</sup>	08-16 Lp		2012	0.94%
856 Perennial ryegrass	Prestige, PR 856		1991	0.87%
9.1580 Annual ryegrass	B-9.1580AR, 8.1301, 9.1580		2012	98.05%
1G2 Perennial ryegrass	1G2		2004	0.63%
1GSquared Perennial ryegrass	APR1664		2007	1.06%
2CB Perennial ryegrass	2CB, PST-2CB		1996	1.97%
4.625 (ProTyme) Perennial ryegrass <sup>2</sup>	4.625, ABT-99-4.625, 625		2004	0.77%
89-90 Perennial ryegrass	WVPB 89-90		1994	2.15%
90-14 Perennial ryegrass <sup>2</sup>	WVPB PR 90-14		1996	7.12%
96-KSOS-L-1-PR-WVPB-C-24 Perennial ryegrass <sup>2</sup>	96-KSOS-L-1-PR-WVPB-C-24, WVPB-PR-C-24, Wilco-C-24		2000	6.50%
A.S.A.P. Perennial ryegrass	JR-265, A.S.A.P.		2000	1.42%
A+ Perennial ryegrass <sup>2</sup>	A+, WVPB-PR-D-9, PRO Seeds D-9, PS-D-9		2000	6.23%
Academy Perennial ryegrass	WVPB-PR-93-1, PC-93-1, WVPB-PR-P.C.-93-1		1997	2.33%
Accent II Perennial ryegrass	JR-119	Caddieshack	2007	1.04%
Accent Perennial ryegrass	Med-393, GII, Ma-GII	Jackento	1995	2.96%
Accolade Perennial ryegrass	HR-1		1992	4.83%
Accord Perennial ryegrass	Devon Eaver		1993	4.08%
Achiever Perennial ryegrass	Pick 1800		1994	0.93%
Admire Perennial ryegrass	JR-151, Admire		2000	2.37%
Advent Perennial ryegrass	PJC, JC		1991	0.14%
Affinity Perennial ryegrass	GEN-90		1996	0.77%
Affirmed Perennial ryegrass	A95-95-1 X A95-4551		2000	2.59%
Agresso Perennial ryegrass			1991	2.00%
Align Perennial ryegrass	LCR		2012	0.67%
All*Star Perennial ryegrass	Allstar		1992	0.47%
Allaire II Perennial ryegrass	All-2, All 2, AL-2		1995	1.15%
Allaire 3 Perennial ryegrass			2015	1.30%
Allante Perennial ryegrass	SD-3		2013	0.81%
AllSport Perennial ryegrass	A+96		1999	0.92%
Allsport 2 Perennial ryegrass	ALS2		2007	0.86%
Allsport 3 Perennial ryegrass	NA-C3X		2010	4.43%
AllStar 3 Perennial ryegrass	IS-PR 274	Allstarter	2007	0.65%
Amazing Perennial ryegrass	B1, Amazing		2004	0.72%
Amazing A+ Perennial ryegrass	PPG-PR 138		2015	0.73%
Amazing GS Perennial ryegrass	IS-PR 276		2008	1.84%
Americus Perennial ryegrass	A4-01.0613		2003	0.04%
APM Perennial ryegrass	MS		1994	0.59%

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Applaud Perennial ryegrass	11301		2003	0.39%
Applaud II Perennial ryegrass	APR1665		2007	0.11%
Apple GL Perennial ryegrass	AAZ-B104, UP-4		2007	0.76%
Apple SGL Perennial ryegrass	PPG-PR 140		2015	0.57%
APR1472 Perennial ryegrass	APR1472		2005	0.68%
Aquarius Perennial ryegrass	KWS A1-2		1996	0.97%
Aquarius 3 Perennial ryegrass <sup>2</sup>	Aquarius 3		2002	1.24%
Aquarius 4 Perennial ryegrass	Aquarius 4		2008	1.97%
Archer Perennial ryegrass	CAS-MP21		1998	1.51%
Arctic Green Perennial ryegrass	MHT		2008	0.22%
Arrival Perennial ryegrass	CIS-PR 84, Arrival		2005	0.48%
Ascend Perennial ryegrass	MB 45		1999	3.09%
ASP0112 Perennial ryegrass	A-35		2013	0.29%
ASP0113 Perennial ryegrass	D-10		2015	0.99%
ASP1001 GL Perennial ryegrass	A-36G		2012	0.24%
ASP410 Perennial ryegrass	APR120		1998	0.18%
ASP6001 Perennial ryegrass	RTS		2007	0.57%
ASP6002 Perennial ryegrass	BPR		2007	1.13%
ASP6003 Perennial ryegrass	TRS		2007	0.85%
ASP6004 Perennial ryegrass	EXS54		2007	0.45%
ASP6005 Perennial ryegrass	AJM		2007	0.76%
ASP6006 Perennial ryegrass	LPFG		2007	0.38%
Aspire Perennial ryegrass	IS-PR 489, S82		2013	0.06%
Assure Perennial ryegrass	FZ 2FZ		1991	0.72%
Attribute Perennial ryegrass	IS-PR 270		2007	0.70%
Axcella 2 Annual ryegrass	TXR 2003-TF1	Axceletto	2007	87.24%
Banfield Perennial ryegrass <sup>2</sup>	IS-PR 491		2013	0.23%
BAR LM 10723 Annual ryegrass <sup>2</sup>	BAR LM 10723		2014	94.22%
BAR LM 10725 Annual ryegrass <sup>2</sup>	BAR LM 10725		2014	92.01%
Baralpha Perennial ryegrass	BAR Lp 7610, 06-LpC 10		2011	0.13%
Barbeta Perennial ryegrass	BAR Lp 7613, 06LpC13		2011	0.14%
Bargamma Perennial ryegrass	BAR Lp 7614, 06-LpC 14		2013	0.59%
Barlennium Perennial ryegrass	BARUSA 95-1, 95-1, Lp 95-1, BARUSA Lp 95-1		2006	0.21%
Bayou Perennial ryegrass <sup>2</sup>	LF-107		2001	1.33%
Bedford Perennial ryegrass <sup>2</sup>			1991	1.40%
Bella Perennial ryegrass	LRF-94-B7, LRF-94-B7E		1997	0.65%
Black Cat II Perennial Ryegrass	PPG-PR 119		2012	1.90%
Blackhawk Perennial ryegrass	WVPB-PR-93-41, TMI-EXFLP-94		1996	1.17%
Blazer 4 Perennial ryegrass	Pick MDR		2004	0.47%
Blazer III Perennial ryegrass	PR 89-8 DDO, Pick 928, Pick DDO		1996	1.18%

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Boardwalk Perennial ryegrass	WVPB 88-PR D-4		1995	2.72%
Boost Intermediate ryegrass <sup>3</sup>	ORTET, ORTET-05		2006	49.83%
Breakout Annual ryegrass	PPG-TAR 102		2015	97.25%
Breeze Perennial ryegrass	WVPB-PR-89-666 , PR-89-666, WVPB PR 89-666		1995	1.57%
Brightstar Perennial ryegrass	GH 89, GH-89		1993	1.79%
Brightstar II Perennial ryegrass	PST-2M3	Polarstar	1997	2.24%
Brightstar SLT Perennial ryegrass	PST-2A6B, Brightstar SLT	Vantage	2002	0.55%
Buccaneer Perennial ryegrass	Koos 90-1 , WVPB-PR-90-1, WVPB PR 90-1		1994, 1998	7.44%
Buccaneer II Perennial ryegrass	WVPB-PR-92-4		1998	5.48%
Buena Vista Perennial ryegrass	CIS-PR 208, IS-PR 208		2005	2.01%
C-21 Perennial ryegrass	WVPB 88-PR C-21 (Miss Kitty )		1996	6.28%
Cabo Perennial ryegrass	CIS-PR80, Cabo		2002, 2005	2.62%
Caddieshack Perennial ryegrass	MED-5071		1999, 2001	1.57%
Caddieshack II Perennial ryegrass	JR-163	Equate	2007	2.70%
Cadence Perennial ryegrass	Cadence, MRF 44		2004	3.32%
Calibra Perennial ryegrass	Calibra		2006	6.70%
Caliente Perennial ryegrass	UA		1992	0.74%
Calypso Perennial ryegrass	SWRC		1993	1.29%
Calypso II Perennial ryegrass	Agway PR-92		1996	0.47%
Calypso III Perennial ryegrass	MS2	Castanet	2007	1.04%
Carly Perennial ryegrass	PST-2TSE	Carleve	2012	0.07%
Cascadia Perennial ryegrass	DC-1		2013	0.42%
Casper Perennial ryegrass	01.0618		2005	1.07%
Catalina Perennial ryegrass	PST-GH-94		1996	3.18%
Catalina II Perennial ryegrass	PST-CATS, Catalina II		2003	1.31%
Cathedral Perennial ryegrass	WX9-1		1995	0.85%
Ceres One50 Perennial ryegrass	PG 150		2013	2.76%
Ceretec Centurion Perennial ryegrass	PG970		2013	0.77%
Chaparral Perennial ryegrass	PST-2DLM		1997	1.62%
Chaparral II Perennial ryegrass	PST-2VL, Wimbledon	Paradise	2003	0.43%
Charger II Perennial ryegrass	PST-2QM	Fairway	1998	0.54%
Charisma Perennial ryegrass	WVPB-89-92		1995	2.39%
Charismatic Perennial ryegrass	LTP-98-501, Charismatic		2003	1.39%
Charismatic II GLSR Perennial ryegrass	LTP-PG-GLSR, LTP-PG2, PG2		2010	2.35%
Chatham Perennial ryegrass	CAS-SRX, MP-5, Catia	Catia	1996	2.11%
Churchill Perennial ryegrass	LTP-DLM, LTP-ELMD		2000	2.93%
Cinderella Perennial ryegrass	LF-103, Barefoot, Bigfoot, Cinderella		2002	1.59%

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CIS-MBH Perennial ryegrass	ISI-MBH, ISI-MHB, Platinum	Platinum	1998	1.27%
Citation Fore Perennial ryegrass	PST-2BR, Citation Fore		2002	0.13%
Citation III Perennial ryegrass	PST-2DGR		1996	0.96%
Colosseum Perennial ryegrass	PG967		2013	1.31%
Commander Perennial ryegrass	259		1996	1.02%
Confetti Perennial ryegrass	STP, Confetti		2007	1.06%
Confetti 2 Perennial ryegrass	MVS-071		2010	3.27%
Confetti III Perennial ryegrass	PPG-PR 117		2012	1.59%
Continental Perennial ryegrass	LF-100, Continental		2000	5.88%
Covet Perennial ryegrass	LF-104, Covet		2002	2.71%
Cruiser Perennial ryegrass	ABT-99-4.709, Cruiser, UT1000, 99.022		2003	0.59%
Cutter Perennial ryegrass	PICK 89-4		1995	1.65%
Cutter II Perennial ryegrass	PM101		2008	0.78%
Dancer Perennial ryegrass	ISS-E		1996	0.78%
Dandy Perennial ryegrass	Cosmos DBS		1991	2.00%
Dasher 3 Perennial ryegrass	Pick RB-1		2008	0.40%
Dazzle Perennial ryegrass	4.724, Dazzle		2004	0.98%
Defender Perennial ryegrass	D04-UP, 4UP		2008	0.84%
Delaware Dwarf Perennial ryegrass	4dd		1992, 1998	2.60%
Delaware XL Perennial ryegrass	Pick 01-2 PRG		2005	0.71%
Derby Supreme Perennial ryegrass	PR 852		1991	2.85%
Derby Xtreme Perennial ryegrass	IS-PR 268		2007	0.30%
DEVO Perennial ryegrass <sup>2</sup>	DEVO		2005	4.98%
DH-3 Annual ryegrass <sup>2</sup>	DH-3		2008	98.93%
Dillon Perennial ryegrass	ISI - K-2		1992	4.14%
Dinella Gold Perennial ryegrass	HYP-08		2013	1.28%
Divine Perennial ryegrass	MB 1-1		1995	3.09%
Dominator Perennial ryegrass	PST-2AG4		2011	0.09%
Driver Perennial ryegrass	B-06.0756		2008	1.02%
DS 95-201 (Enchanted) Perennial ryegrass <sup>2</sup>	DS 95-201		1999	1.12%
Easy Livin' Perennial ryegrass	LF-119, Easy Livin'		2002	1.50%
Ecologic Perennial ryegrass	LF-102		2002	1.49%
Edge Perennial ryegrass	Pick 715 , PR 872		1992	1.73%
Edge II Perennial ryegrass	AC2		2008	0.52%
Electra 37 Perennial ryegrass	B-7.0860		2013	2.41%
Elegance Perennial ryegrass	WVPB 88-PR F-7		1995	1.51%
Elf Perennial ryegrass	BJ 1991		1994	0.75%
Elfin Perennial ryegrass	EL-2, Elfin		2002	0.89%
Elite Perennial ryegrass	WVPB 88-PR C-23, Night Hawk		1995	4.84%

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Enterprise Perennial ryegrass	Enterprise, MRF 45		2004	2.76%
Envy Perennial ryegrass	SMTR		1991	0.22%
EP136 (Winterhawk) Perennial ryegrass <sup>2</sup>	EP136		2003	1.63%
EP39 (Pronto II9 (Pronto II) EP39 Perennial ryegrass <sup>2</sup>	EP39, Pronto II		2000	1.75%
Equal Perennial ryegrass	WVPB 89-PR 89-57		1994	1.98%
Esquire Perennial ryegrass	WX2-64		2000	3.10%
Esteem Perennial ryegrass	MP88, Tierra, Esteem		2002	0.43%
Estelle Perennial ryegrass	PST-2BRT		2014	0.02%
Evening Shade Perennial ryegrass	VD3cl, VD 3cl		1995	1.17%
Exacta Perennial ryegrass	LTP-3351, Exacta		2000	1.22%
Exacta II GLSR Perennial ryegrass	LTP-611-GLSR, LTP-611		2010	2.22%
Excel Perennial ryegrass	M-B 1-5	Romareda	1995	1.53%
Express Perennial ryegrass	NY88		1992, 1998	4.00%
Express II Perennial ryegrass	Pick EJ, 05-EJPR		2009	0.69%
Extreme Perennial ryegrass	JR-317, Superfly, Extreme		2000	1.32%
Fastball RGL Perennial ryegrass	PPG-PR 133		2014	1.31%
Federation Perennial ryegrass	MRF 41, Federation		2002	2.74%
Fiesta 3 Perennial ryegrass	Pick F3		2000	1.02%
Fiesta 4 Perennial ryegrass	Pick F4		2007	1.58%
Fiesta II Perennial ryegrass	D114	PICKWICK	1994	1.14%
Firebolt Perennial ryegrass	PRG HS-01-09		2005	0.63%
Florida 80 Annual ryegrass			1992	98.89%
Frontier Perennial ryegrass	C-35		2008	1.82%
Full Throttle Perennial ryegrass	CAS-MP64, MP64		2006	7.05%
Galaxy Perennial ryegrass	JR-128, Spyglass, Galaxy		2000	1.19%
Gallery Perennial ryegrass	MB 412, Gallery		2002, 2004	1.68%
Garibaldi Perennial ryegrass	Garibaldi		2008	13.01%
Gator Perennial ryegrass			1995	0.88%
Gator 3 Perennial ryegrass	CIS-PR 85, PR 85	Stravinsky	2012	0.32%
Gator II Perennial ryegrass	ISI-RUPR, RUPR, Gator II		1997	2.50%
Gettysburg Perennial ryegrass	WVPB 88-PR PRDR ( NJDR-87 ), pr dr		1996	2.74%
GL3 Perennial ryegrass <sup>2</sup>	GL3		2008	0.20%
Goalkeeper Perennial ryegrass	J-1704		1999	3.03%
GoalKeeper II Perennial ryegrass	JR-114	Verona	2007	4.62%
Grand Slam Perennial ryegrass	PST-2L96, Grand Slam		2003	0.40%
Grand Slam 2 Perennial ryegrass	PST-2GSM		2007	0.80%
Grasslands Samson Perennial ryegrass			2013	6.48%

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Gray Fox Perennial ryegrass	PST-2MNG		2007	0.47%
Gray Goose Perennial ryegrass	PST-2J15		2007	0.42%
Gray Star Perennial ryegrass	PST-2LGL		2005	1.20%
Grazer Annual ryegrass	Grazer Reseeding		1995	99.78%
Green Emperor Perennial ryegrass	Emerald Green, MSP, MSP 3956		2013	1.17%
Green Supreme Perennial ryegrass	PPG-PR 121		2015	0.99%
Greenland Perennial ryegrass	Pick 9100		1995	1.20%
Greenville Perennial ryegrass	OSP-002, Greenville		2004	2.61%
Grimalda Perennial ryegrass			1991	2.00%
Gulf Annual ryegrass			1996	99.02%
Halo Perennial ryegrass	KN42		2007	2.87%
Hancock Perennial ryegrass	IS-PR 479		2015	0.62%
Harrier Perennial ryegrass	SRX 4UP3, UP		2007	0.39%
Hawkeye Perennial ryegrass	SRX 4RHT, Hawkeye		2003	0.23%
Hawkeye 2 Perennial ryegrass	SRX 4692		2009	0.25%
Headstart Perennial ryegrass	Pick PR 84-91, Headstart		1997	2.09%
Headstart 2 Perennial ryegrass	PRG HS-01-07, Headstart 2		2005	0.65%
Hi-Q Perennial ryegrass	B-7.0516		2012	3.37%
High Life Perennial ryegrass	LF-105		2002	1.59%
Home Run Perennial ryegrass	RG3P, RG3EP		2007	0.58%
Icon Perennial ryegrass	MB 414, Icon		2002	2.21%
Imagine Perennial ryegrass	OFI-DW2, QS-DW2		1995	1.31%
Indy Perennial ryegrass	BMX-99-228		2003	0.25%
Insight Perennial ryegrass	SD-1RES.2S2		2013	0.80%
Inspire Perennial ryegrass	Rutgers 8000, R8000		2002, 2004	0.72%
Integra Perennial ryegrass	FPT, Integra		2002	0.12%
Integra II Perennial ryegrass	APR1659		2007	0.07%
Interlude Perennial ryegrass			2011	1.07%
IS-OS (Ignite) Perennial ryegrass <sup>2</sup>	IS-OS		2007	25.53%
IS-PR 409 (Riptide) Perennial ryegrass <sup>2</sup>	IS-PR 409		2013	0.09%
IS-PR 463 (Bandalore) Perennial ryegrass <sup>2</sup>	IS-PR 463		2015	0.72%
IS-PR 488 (Monsieur) Perennial ryegrass <sup>2</sup>	IS-PR 488		2015	0.54%
IS-PR 492 (Diligent) Perennial ryegrass <sup>2</sup>	IS-PR 492		2015	0.30%
IS-TAR 11 (Quickston) Annual ryegrass <sup>2</sup>	IS-TAR 11		2015	98.46%
IS-TAR 12 (Candidame) Annual ryegrass <sup>2</sup>	IS-TAR 12		2015	94.22%
Jackson Annual ryegrass	MSR-86-1		1992	98.80%
Jet Perennial ryegrass	BFP, Pennington BFP		2000	0.84%

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Jiffie Perennial ryegrass	Pick PR 15-91, Jiffie		1997	6.06%
Jiffie II Perennial ryegrass	Pick 01-3 PRG, Jiffie II		2005	1.55%
JS501 Perennial ryegrass	JR-501, Blitz TD		2012	0.93%
Karma	CL 10401, Pick 10401		2012	3.41%
Kentaur	Perennial ryegrass		2012	41.56%
Keystone 2 Perennial ryegrass	IS-PR 312, MCK		2007	0.12%
La Quinta Perennial ryegrass	JR-225		2007	4.47%
Laredo Perennial ryegrass	PNC-5		1996	0.53%
Laredo II Perennial ryegrass	LAR2		2012	3.42%
Legacy Perennial ryegrass	2WDR		1991	0.37%
Lindsay Perennial ryegrass	ISI PR 851		1991	1.72%
Line Drive Perennial ryegrass	MB 47		1997	2.72%
Line Drive GLS Perennial ryegrass	APR1797		2008	2.37%
Linn Perennial ryegrass			1991	5.00%
Lover Perennial ryegrass			2010	1.92%
Lowgrow Perennial ryegrass	Lex 86, PR 874, Pick LLG	Lex 86	1996	1.31%
Lowgrow II Perennial ryegrass	PICK Lp EE-93	Sunbright	1998	1.35%
LRF-94-C8 Perennial ryegrass <sup>2</sup>	LRF-94-C8		1997	0.64%
LS 2000 Perennial ryegrass <sup>2</sup>	LS 2000, LS-PRG-800		2004	2.29%
LS 2100 Perennial ryegrass	PST-2SBE, Sierra, LS 2100		2004	2.94%
LS2200 Perennial ryegrass	2.0383		2006	0.79%
Lynx Perennial ryegrass	Pick EEC		1997	4.19%
Mach 1 Perennial ryegrass	Roberts 627, Mach 1, Mach 1 R/S		2003	0.47%
Magic Perennial ryegrass	TPR 88B, TPR88B		1994	1.21%
Magic II Perennial ryegrass	EP37, Magic II		2000	1.36%
Magnolia Annual ryegrass			1997	None <sup>3</sup>
Majesty Perennial ryegrass	MB 43		1997	1.59%
Majesty II Perennial ryegrass	VB-77		2008	0.77%
Manhattan 3 Perennial ryegrass	PST-2MS, Manhattan III	Triman	1996	0.88%
Manhattan 4 Perennial ryegrass	PST-2CRL, Manhattan 4		2003	0.26%
Manhattan 5 GLR Perennial ryegrass	PST-2AM		2007	0.54%
Manhattan 6 Perennial ryegrass	PST-2MAGS		2013	0.08%
Manhattan II Perennial ryegrass		Numan	1991	0.65%
Mardi Gras Perennial ryegrass	ZPS-2NV		1998	1.07%
Marshall Annual ryegrass			1991	96.00%
Mathilde Perennial ryegrass			2013	3.47%
MB Perennial ryegrass			2011	1.44%
MBH 2 Perennial ryegrass	MBH 2, IS-MBH2		2007	0.81%
Mensa Perennial ryegrass	SD-2		2012	0.25%

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Mighty Perennial ryegrass	06 B Lp		2011	0.76%
Monterey Perennial ryegrass	J-1706		1999	2.64%
Monterey 3 Perennial ryegrass	JR-408		2007	1.63%
Monterey 4 Perennial ryegrass	JR-521		2012	1.35%
Monterey II Perennial ryegrass	JR-187		2001	1.94%
Morningstar Perennial ryegrass	SYN P, Morning Star		1994	0.87%
MP139 (Seahawk) Perennial ryegrass <sup>2</sup>	MP139		2003	1.46%
MP5 (PDQ) Perennial ryegrass <sup>2</sup>	CAS-MP5, MP55		2000	4.65%
MP58 (Splendor) Perennial ryegrass <sup>2</sup>	MP58, Splendor		2002	0.44%
Mulligan Perennial ryegrass	NK 89001		1995	1.86%
MVS-156 Perennial ryegrass <sup>2</sup>	LF-156, MVS-156		2010	1.33%
Navajo Perennial ryegrass	2DPR	Comanche	1991	0.37%
Newlinn Perennial ryegrass	WVPB PR N-33, N-33		1996	5.85%
Nexus Perennial ryegrass	MB 49, Nexus		2000	2.01%
Nexus XD Perennial ryegrass	SP4	Pearlgreen	2011	0.59%
Nexus XR Perennial ryegrass	SNR	Tavin	2011	0.20%
NightHawk Perennial ryegrass	WVPB 89-PR A-3, Eagle		1993	1.39%
NightSky Perennial ryegrass	07-4 PR		2010	0.50%
Nobility Perennial ryegrass	WVPB PR 91-131, Koos 91-131		1996, 1998	7.53%
Nomad Perennial ryegrass	JB-2, JB2		1995	1.03%
Notable Perennial ryegrass	AF		2007	0.54%
Nova Perennial ryegrass	SR 4031 PR 831		1991	1.00%
Nusprint Annual ryegrass	ARG-N		2008	98.77%
Omega 3 Perennial ryegrass	PST-2DR, 2DR		1996	0.73%
Omni Perennial ryegrass	SRX 4220, Maxim, SRX 4210		1995	0.51%
Orantas Perennial ryegrass	CER 2062		2013	3.78%
OSC108 (Whitney) Perennial ryegrass <sup>2</sup>	OSC108, LF-108		2008	2.62%
OSC109 (Michelangelo) Perennial ryegrass <sup>2</sup>	OSC109, LF-109		2008	2.59%
OSC110 (Edison) Perennial ryegrass <sup>2</sup>	OSC110, LF-110		2008	1.61%
OSC112 (Newton) Perennial ryegrass <sup>2</sup>	OSC112, LF-112		2008	0.87%
OSC116 (Galileo) Perennial ryegrass <sup>2</sup>	OSC116, LF-116		2008	0.36%
Overdrive Perennial ryegrass	BSP-1, BSP		2007	0.67%
Pacesetter II Perennial ryegrass	PS-2, PS2		2009	0.99%
Pacific Gem Perennial ryegrass	PST-2MG7		2014	0.08%
Pageant Perennial ryegrass	WVPB PR C-24, C-24, Shaft		1995	2.22%
Pageant II Perennial ryegrass <sup>2</sup>	Pratum P-2		2001	3.32%
Palace Perennial ryegrass	IS-PR 273		2007, 2011	1.99%
Palmer Perennial ryegrass			1993	1.04%

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Palmer II Perennial ryegrass	P89		1993	1.51%
Palmer III Perennial ryegrass	LRF-94-MPRH		1997	0.23%
Palmer IV Perennial ryegrass	IG3, 1G3, Palmer IV		2004	1.76%
Panterra Annual ryegrass	BAR LM1001B, BAR Lm 1001b, TXR98-DBDF		2006	98.36%
Panterra V Annual ryegrass	BAR Lm 76TL	5ARLT	2010	99.84%
Panther Perennial ryegrass	ZPS PR1		1998	1.18%
Panther GLS Perennial ryegrass	APR1662		2008	0.83%
Paragon Perennial ryegrass	MML, TMI-MML		2001	0.88%
Paragon GLR Perennial ryegrass	12001		2012	1.08%
Partner Perennial ryegrass <sup>2</sup>	Partner, MRF 43		2004	2.83%
Passerel Plus Annual ryegrass	Passerel Select, AAR-1		2001	98.83%
Passion Perennial ryegrass <sup>2</sup>	RAD-PR9, PR9		2005	1.01%
Passport Perennial ryegrass	PST-2FF	Romeo	1996	1.06%
Patriot 3 Perennial ryegrass <sup>2</sup>	Patriot 3		2002	2.10%
Patriot 4 Perennial ryegrass <sup>2</sup>			2008	0.88%
Patriot II Perennial ryegrass			1995	0.42%
Pavilion Perennial ryegrass	HMX-99-226, HMX 226		2003	0.20%
Pearl Perennial ryegrass	CAS-EP20, EP20 DR		1998	1.86%
Pearl II Perennial ryegrass	EDP, Pearl II, EPD		2002	1.00%
Pegasus Perennial ryegrass	WVPB-PR-A-5		1995	2.41%
Penguin 2 Perennial ryegrass	SRX 4SLT		2008	0.81%
Pennant Perennial ryegrass			1991	0.50%
Pennant II Perennial ryegrass	MB 42		1997	1.63%
Pennington APR2105 Perennial ryegrass	APR2105	Greenslopes	2011	10.03%
Pentium Perennial ryegrass	NJ 6401	Marquez	2004	0.86%
Peregrine Perennial ryegrass	APR1425(SR), APR1425, Peregrine		2007	0.15%
Pershing Perennial ryegrass	RAD-PR39, PR39		2011	0.66%
Phantom Perennial ryegrass	A7 White, A7, 7311		1998	2.19%
Phenom Perennial ryegrass	APR1660		2007	0.19%
PI Perennial ryegrass			2011	1.61%
PICK Lp Q-93 Perennial ryegrass <sup>2</sup>	PICK Lp Q-93		1998	6.44%
Pinnacle II Perennial ryegrass	BAR Lp 9B-2, B-2, BAR 9 B2		2006	0.88%
Pirouette II Perennial ryegrass	BAR Lp 4317		2011	2.21%
Plateau Perennial ryegrass	PST-2LAN		2007	0.50%
Pleasure Perennial ryegrass	Syn Y		1992, 1998	4.09%
Pleasure Supreme Perennial ryegrass	PM 103		2008	0.49%
Pleasure XL Perennial ryegrass	Pick Lp I-93, Pleasure XL		2000	1.11%
PM 102 Perennial ryegrass	PM 102		2008	0.39%

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PNW Perennial ryegrass	BNW		2011	0.53%
Polim Perennial ryegrass			2013	0.11%
Power Perennial ryegrass	CLP 94222	Godali 1	2010	4.83%
PPER2 Annual Ryegrass	PPER2	Pennington ARG-1	2012	99.23%
PPG-FPRT 105 (PayDay) Perennial ryegrass <sup>2</sup>	PPG-FPRT 105		2015	5.42%
PR 8820 Perennial ryegrass	PR 8820/PR 9122, Essence+	Essence	1995	0.79%
PR 8821 Perennial ryegrass	IS-PR 256	Elka 3	2008	1.06%
PR-194 Perennial ryegrass	Pick PR 1-94, PR-194		2003	0.95%
Preference Perennial ryegrass			2011	2.25%
Prelude Perennial ryegrass			1995	1.72%
Prelude GLS Perennial ryegrass	APR1619		2008	0.99%
Prelude II Perennial ryegrass	Lofts 2P2		1993	2.25%
Prelude III Perennial ryegrass	LRF-94-B6		1997	0.59%
Prelude IV Perennial ryegrass	A00, Prelude IV		2004	0.62%
Premier II Perennial ryegrass	BAR PRE II, BAR USA 94-II		2006	0.50%
Premium Perennial ryegrass	PPG-PR 137		2014	0.79%
Presidio Perennial ryegrass	CNV		2007	0.76%
Prevail Perennial ryegrass	B-6.1091		2011	2.06%
Primary Perennial ryegrass	IS-PR 269		2007, 2011	1.25%
Priority Perennial ryegrass	Priority, DPR		2007	1.25%
Private Perennial ryegrass	ES45		2007	0.56%
Prizm Perennial ryegrass	ZPS-28D , 28D, PST-28D		1994	0.71%
Prominent Perennial ryegrass	CS-20		2014	0.34%
Prosport Perennial ryegrass	AG-P981, Prosport		2001	1.36%
Prosport 2 Perennial ryegrass	Prosport II, Pro2		2009	1.87%
Protocol Perennial ryegrass	WVPB-PR-93-3, Koos 93-3		1998	4.30%
Protocol II Perennial ryegrass <sup>2</sup>	PR2, Smith PR2, WVPB-PCII		2000	5.28%
Prototype Perennial ryegrass	DCM		2007	0.20%
Provost Perennial ryegrass	PPG-PR 143		2014	0.92%
Prowler Perennial ryegrass	APR777		2001	0.21%
PSAR09-2 Annual ryegrass <sup>2</sup>	PSAR09-2		2014	90.06%
PSG 4DFHM Perennial ryegrass <sup>2</sup>	PSG 4DFHM, Pick 4DFHM		2013	2.87%
PSG 4TPCS Perennial ryegrass <sup>2</sup>	SRX 4TPC, PSG 4TPCS		2010	0.76%
PST-2ACR (Pistol) Perennial ryegrass <sup>2</sup>	PST-2ACR		2015	0.08%
PST-2M20 Perennial ryegrass	PST-2M20		2011	1.55%
PST-2YUR (TetraGain) Perennial ryegrass <sup>2</sup>	PST-2YUR		2013	81.78%
Quartermaster Perennial ryegrass	RAD-LI101, LI101		2014	48.69%
Quartet Perennial ryegrass <sup>2</sup>	KLP947		2004, 2007	7.31%

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Quebec Perennial ryegrass	Pick PR C-97		2005	1.14%
Quest II Perennial ryegrass <sup>2</sup>	Quest II, ABT 4.721		2006	0.83%
Quick Trans Perennial ryegrass	PST-3BK, Quick Trans		2002	0.11%
Quicken Perennial ryegrass	LEL		2012	0.65%
Quicksilver Perennial ryegrass	PST-2G1, Quicksilver		2004	6.86%
Quickstart Perennial ryegrass	2FQR		1991	0.18%
Quickstart II Perennial ryegrass	PST-3BKM		2006	0.06%
R2 Perennial ryegrass	ISI-R2, R2		1997	1.25%
Racer Perennial ryegrass	Pick Lp H-93, Racer		1999	1.23%
Racer 2 Perennial ryegrass	Pick RC2	Pick RC2	2002	0.18%
RAD-PR27 (WinterStar) Perennial ryegrass	PR27, RAD-PR27, OS27		2008	2.25%
Radiant II Perennial ryegrass	APR1461, Radiant II		2004	0.80%
Ragnar Perennial ryegrass	P101		2006, 2014	10.23%
Ragnar II Perennial ryegrass	P201		2006	4.20%
Reatta Perennial ryegrass	SD-0	Corsica	2013	0.28%
Refine Perennial ryegrass	PST-2RT, Refine		2005	0.45%
Regal 5 Perennial ryegrass	IS-PR 271	Regal Nova	2007	0.20%
Regency Perennial ryegrass	75E		1991	0.99%
Remington Perennial ryegrass	LpT ROM 99, BAR LpT ROM99		2014	1.64%
Repell Perennial ryegrass			1992	0.33%
Repell GLS Perennial ryegrass	APR1669		2008	0.90%
Repell II Perennial ryegrass	LDRD	Verdi	1993	1.56%
Repell III Perennial ryegrass	LRF-94-C7, C7, LRF-C7		1997	0.80%
Replay Perennial ryegrass	JR-502, Intercept TD		2012	1.05%
Reveille Perennial ryegrass			1991	2.00%
Revenge GLX Perennial ryegrass	JR-348	Excite	2007	0.16%
Ribeye Annual ryegrass	BARUSA Lm 95, BAR LM95		2014	99.29%
Rio Annual ryegrass <sup>2</sup>	WVPB LM AR-42 (Rio)		1995	98.97%
Rio Vista Perennial ryegrass	PPG-PR 139		2015	1.24%
Riviera Perennial ryegrass	PICK 647		1992	0.58%
Riviera II Perennial ryegrass	Pick DKM		1995	1.08%
Roadrunner Perennial ryegrass	PST-2ET		1997	2.53%
Rodeo II Perennial ryegrass			1995	2.47%
Rodeo 3 Perennial ryegrass			2015	1.15%
Rosalin Perennial ryegrass	HE 411		1999	3.26%
Royal Green Perennial ryegrass	MSP 3934; P201 x Spreader III		2013	1.50%
Salinas Perennial ryegrass	PST-2SLX, Salinas		2003	0.85%
Saturn II Perennial ryegrass	PST-2ST, Saturn II		1998	0.85%
Sauvignon Perennial ryegrass	DPL 9603, Sauvignon		2006	1.28%

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Savant Perennial ryegrass	SD-1		2012	0.15%
Secretariat Perennial ryegrass	RPBD		2002	1.49%
Secretariat II GLSR Perennial ryegrass	LTP-101-GLST, LTP-101, 101		2010	1.52%
Seville Perennial ryegrass	PE8	Leonardo	1992	0.33%
Seville 3 Perennial ryegrass	GL3		2008	0.20%
Seville II Perennial ryegrass	WX9-2000, Seville II		2002	1.33%
Sherwood Perennial ryegrass	SRR		1996	1.08%
Shining Star Perennial ryegrass	PST-2B3		1994	0.10%
Shining Star II Perennial ryegrass	PST-2M*		2009	0.09%
Showtime Perennial ryegrass	PST-2LA, Showtime		2005	2.98%
Sideways Perennial ryegrass	PSG PR S84, PSRX S84		2012	2.62%
Sienna Perennial ryegrass	SD-20CI	New Orleans	2012	2.24%
Sierra Perennial ryegrass	CAS-EP66, EP66		2005	1.31%
Silver Dollar Perennial ryegrass	PST-2JS		2005, 2013	0.80%
Singular Perennial ryegrass	C-72		2013	1.39%
SkyHawk Perennial ryegrass	MP42, Sky Hawk, SkyHawk		2002	2.09%
Slugger Perennial ryegrass	OS, Slugger		2007	1.41%
Sol Perennial ryegrass	EP 53, EP53, Sol		2002	0.55%
Sonata Perennial ryegrass	PST-2R3, 2R3		1998	1.20%
Soprano Perennial ryegrass	DP1	Totilas	2007	0.19%
Splendid Perennial ryegrass	MB 411, Splendid		2002, 2004	2.16%
Sprite Annual ryegrass	A-9.1580		2015	96.58%
SR 4100 Perennial ryegrass		Athena	1994	0.37%
SR 4200 Perennial ryegrass	SRDR		1994	0.34%
SR 4220 Perennial ryegrass	SRX 4801, SR 4220	Greenview	2003	0.27%
SR 4420 Perennial ryegrass	SRX 4820, SR 4420	Speedster	2003	0.28%
SR 4500 Perennial ryegrass	SRX NJPR, SRX 4NJPR, SRX 4500		2001	0.24%
SR 4550 Perennial ryegrass	APR1557		2007	0.04%
SR 4600 Perennial ryegrass	SRX 4SP, SP	Galleon	2007, 2015	1.87%
SR 4650 Perennial ryegrass	PSRX 3701, JP 37-01		2012	3.66%
SR 4660ST Perennial ryegrass	PSG 4MSH, SRX 4MSH		2013	0.92%
Stallion Select Perennial ryegrass	WVPB 89-105		1994	2.37%
Stallion Supreme Perennial ryegrass	WVPB PR E-1, E-1		1998	1.16%
Stamina Perennial ryegrass	IS-PR 487, TRAF		2015	0.28%
Stanton Perennial ryegrass	B-6.1097		2011	0.37%
Stardance Perennial ryegrass	PST-2FE		1996	1.90%
Statesman Perennial ryegrass	WVPB 88-PR D-12		1993	1.27%
Statesman II Perennial ryegrass	SS 33 DS		1995, 1998	8.42%

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Stellar Perennial ryegrass	CIS-PR-72, PR 72, CIS-PR72, Stellar		2002, 2007	2.46%
Stellar 3GL Perennial ryegrass	PPG-PR 134		2013	0.82%
Stellar GL Perennial ryegrass	IS-PR 236		2011	1.12%
Summerset Perennial ryegrass	MB 413, Summerset		2002, 2004	1.35%
Sunkissed Perennial ryegrass	4.834, 834, ABT-99-4.834, fRTP, RTP, 99.0388		2004	0.83%
Sunshine Perennial ryegrass	Pick Lp 102-92		1999	2.65%
Sunshine 2 Perennial ryegrass	PRG HS-01-08, Sunshine 2		2005	2.01%
Sunstreaker Perennial ryegrass	APR2036		2014	0.46%
Superstar Perennial ryegrass	EP57, Superstar		2002	3.46%
Surrey Annual ryegrass	Florida 1986 LR		1992	98.91%
TAM 90 Annual ryegrass	TX-R-85-2		1994	98.45%
Target Perennial ryegrass	TPR 88A, TPR88A	Libra	1991	3.28%
Tee-Lee Perennial ryegrass	TR47		2007	1.22%
Terradyne Perennial ryegrass	BMX-99-225, ABT 4.960, 99-4.960		2003	0.18%
Tetrasweet Perennial ryegrass	PPG-FPRT103		2012	4.76%
Thrive Perennial ryegrass	IS-PR 469, IS-PR 469 M2		2015	0.89%
Tonga Perennial ryegrass			1996	11.53%
Top Gun Perennial ryegrass	J-1703, TopGun, Top Gun		1999, 2001	1.15%
Top Gun II Perennial ryegrass	JR-324	Azimuth	2006	2.42%
Top Hat Perennial ryegrass	ISI APR		1995	0.77%
Topeka Perennial ryegrass	WVPB 88-PR D-10 , WVP 88-PR D10		1993	2.34%
Tove Perennial ryegrass <sup>2</sup>	Tove		1998	17.48%
Transformer Perennial ryegrass	APR1667		2008	0.38%
Twister Perennial ryegrass	WVPB-PR-90-2, KOOS 90-2, 90-2		1994	3.85%
TXR Annual ryegrass	TXR-2004-TF-EM		2015	97.13%
Uno Perennial ryegrass	11T, D04-11T		2008	1.26%
Vail Perennial ryegrass	P22, LP22, Vail		2000	0.82%
Vantage Perennial ryegrass	PR 862		1991	2.19%
Vibrant Perennial ryegrass <sup>2</sup>	Lewis Seed PR#1, Lewis #1, WVPB-PR-Lewis #1, Vibrant		2000	4.30%
Vivid Perennial ryegrass	WX2-65		1998	1.24%
Vixen Perennial ryegrass	MRF 42, Vixen		2002	2.53%
Voyager Perennial ryegrass <sup>2</sup>	Voyager		2004	4.03%
Wayfarer Perennial ryegrass	L44		2007	1.41%
Whistler Perennial ryegrass	MP56, MP-56, Black Pearl, Whistler, LP56, EP56		2003	0.53%
Wicked	PSG PR RHD, SRX 4RHD		2012	1.14%
Wilmington Perennial ryegrass	MB 48, Wilmington		2000	0.17%
Wind Dance Perennial ryegrass	MB 46, Wind Dancer		1998	1.17%
Wind Dance 2 Perennial ryegrass	PWDR		2007	0.98%

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Wind Star Perennial ryegrass	PST 28M		1996	0.47%
Wizard Perennial ryegrass	MB-41	Sardinero	1995	2.57%
WVPB PR C-2 Perennial ryegrass <sup>2</sup>	WVPB PR C-2, C-2		1998	8.65%
WVPB-PR-93-KFK (Spellbound) Perennial ryegrass <sup>2</sup>	WVPB-93-KFK, WVPB-PR-93-KFK, WVPB-PR-KFK		1998	3.84%
WVPB-PR-Koos-95-9 (Breeze II) Perennial ryegrass <sup>2</sup>	WVPB-PR-Koos-95-9, Koos 95-9		1999	6.85%
WVPB-PR-RS-2 Perennial ryegrass <sup>2</sup>	WVPB-PR-RS-2, WVPB-RS-2		1999	1.59%
WVPB-XB-2 Perennial ryegrass <sup>2</sup>	WVPB-XB-2, SB-2		2000	26.71%
WVPB-XP-6 Perennial ryegrass <sup>2</sup>	WVPB-XP-6, XP-6		2000	21.69%
Yorktown III Perennial ryegrass	LDRF		1993	1.42%
Zoom Perennial ryegrass	LCK		2009, 2013	0.31%

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