

*Regulation Gazette*

**No. 9231**

*Regulasiekoerant*

**Vol. 536**

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**IMPORTANT ANNOUNCEMENT****Closing times *PRIOR TO PUBLIC HOLIDAYS* for  
GOVERNMENT NOTICES, GENERAL NOTICES,  
REGULATION NOTICES AND PROCLAMATIONS****2010***The closing time is 15:00 sharp on the following days:*

- ▶ 18 March, Thursday, for the issue of Friday 26 March 2010
- ▶ 25 March, Thursday, for the issue of Thursday 1 April 2010
- ▶ 31 March, Wednesday, for the issue of Friday 9 April 2010
- ▶ 22 April, Thursday, for the issue of Friday 30 April 2010
- ▶ 10 June, Thursday, for the issue of Friday 18 June 2010
- ▶ 5 August, Thursday, for the issue of Friday 13 August 2010
- ▶ 16 September, Thursday, for the issue of Thursday 23 September 2010
- ▶ 23 September, Thursday, for the issue of Friday 1 October 2010
- ▶ 9 December, Thursday, for the issue of Friday 17 December 2010
- ▶ 15 December, Wednesday, for the issue of Friday 24 December 2010
- ▶ 21 December, Tuesday, for the issue of Friday 31 December 2010
- ▶ 30 December, Thursday, for the issue of Friday 7 January 2011

Late notices will be published in the subsequent issue, if under special circumstances, a late notice is accepted, a double tariff will be charged

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**BELANGRIKE AANKONDIGING****Sluitingstye *VOOR VAKANSIEDAE* vir  
GOEWERMENTS-, ALGEMENE- & REGULASIE-  
KENNISGEWINGS ASOOK PROKLAMASIES****2010***Die sluitingstyd is stiptelik 15:00 op die volgende dae:*

- ▶ 18 Maart, Donderdag, vir die uitgawe van Vrydag 26 Maart 2010
- ▶ 25 Maart, Donderdag, vir die uitgawe van Donderdag 1 April 2010
- ▶ 31 Maart, Woensdag, vir die uitgawe van Vrydag 9 April 2010
- ▶ 22 April, Donderdag, vir die uitgawe van Vrydag 30 April 2010
- ▶ 10 Junie, Donderdag, vir die uitgawe van Vrydag 18 Junie 2010
- ▶ 5 Augustus, Donderdag, vir die uitgawe van Vrydag 13 Augustus 2010
- ▶ 16 September, Donderdag, vir die uitgawe van Donderdag 23 September 2010
- ▶ 23 September, Donderdag, vir die uitgawe van Vrydag 1 Oktober 2010
- ▶ 9 Desember, Donderdag, vir die uitgawe van Vrydag 17 Desember 2010
- ▶ 15 Desember, Woensdag, vir die uitgawe van Vrydag 24 Desember 2010
- ▶ 21 Desember, Dinsdag, vir die uitgawe van Vrydag 31 Desember 2010
- ▶ 30 Desember, Donderdag, vir die uitgawe van Vrydag 7 Januarie 2011

Laat kennisgewings sal in die daaropvolgende uitgawe geplaas word. Indien 'n laat kennisgewing wel, onder spesiale omstandighede, aanvaar word, sal 'n dubbeltarief gehef word

Wanneer 'n APARTE Staatskoerant verlang word moet die kope drie kalenderweke voor publikasie ingedien word

## GOVERNMENT NOTICES GOEWERMENTSKENNISGEWINGS

### DEPARTMENT OF AGRICULTURE DEPARTEMENT VAN LANDBOU

No. R. 99

19 February 2010

#### PLANT IMPROVEMENT ACT, 1976 (ACT No. 53 OF 1976)

#### REGULATIONS RELATING TO ESTABLISHMENTS, VARIETIES, PLANTS AND PROPAGATING MATERIAL: AMENDMENT

The Minister of Agriculture, Forestry and Fisheries, acting under Section 34 of the Plant Improvement Act, 1976 (Act No. 53 of 1976), has made the following regulations in the Schedule.

#### SCHEDULE

##### *Definition*

1. In this Schedule "the Regulations" means the regulations published by Government Notice No. R. 1064 of 23 May 1980, as amended by Government Notices Nos. R. 1621 of 22 July 1983, R. 2173 of 28 September 1984, R. 1287 of 14 June 1985 (as corrected by Government Notice No. R. 1524 of 12 July 1985), R. 1522 of 12 July 1985, R. 256 of 14 February 1986, R. 1489 of 11 July 1986, R. 1903 of 12 September 1986, R. 1389 of 26 June 1987, R. 1700 of 7 August 1987, R. 86 of 22 January 1988, R. 2496 of 9 December 1988, R. 1518 of 14 July 1989, (as corrected by Government Notice No. R. 1976 of 15 September 1989), R. 2092 of 29 September 1989, R. 76 of 18 January 1991, R. 1638 of 12 July 1991, (as corrected by Government Notice No. R. 1971 of 16 August 1991), R. 2119 of 24 July 1992, R. 2618 of 18 September 1992, R. 891 of 28 May 1993, R. 1590 of 27 August 1993, R. 2057 of 29 October 1993, R. 513 of 18 March 1994, R. 1465 of 26 August 1994, R. 174 of 10 February 1995 (as corrected by Government Notice No. R. 319 of 3 March 1995), R. 1976 of 22 December 1995, R. 1177 of 19 July 1996, R. 97 of 24 January 1997, R. 1011 of 1 August 1997, R. 866 of 3 July 1998 (as corrected by Government Notice No. R. 949 of 24 July 1998), R. 1284 of 16 October 1998, R. 1015 of 27 August 1999, R. 232 of 17 March 2000, R. 919 of 15 September 2000, R. 1207 of 1 December 2000, R. 430 of 25 May 2001, R. 19 of 11 January 2002, R. 547 of 10 May 2002, R. 1 of 3 January 2003, R. 410 of 28 March 2003, R. 577 of 2 May 2003, R. 185 of 11 March 2005, R. 477 of 27 May 2005; R. 849 of 2 September 2005 (as corrected by R. 928 of 30 September 2005), R. 131 of 17 February 2006, R. 187 of 3 March 2006, R. 770 of 4 August 2006, R. 45 of 26 January 2007, R. 56 of 2 February 2007, R. 521 of 29 June 2007, R. 430 of 11 April 2008 and R. 381 of 17 April 2009.

##### *Substitution of Table 8 of the Regulations*

2. The table in Annexure A is hereby substituting Table 8 of the Regulations:

No. R. 99

19 Februarie 2010

**PLANTVERBETERINGSWET, 1976  
(WET No. 53 VAN 1976)**

**REGULASIES BETREFFENDE ONDERNEMINGS, VARIËTEITE, PLANTE EN  
VOORTPLANTINGSMATERIAAL: WYSIGING**

Die Minister van Landbou, Bosbou en Visserie, handelende kragtens artikel 34 van die Plantverbeteringswet, 1976 (Wet No. 53 van 1976), het die regulasies in die Bylae uitgevaardig.

**BYLAE**

***Woordomskrywing***

1. In hierdie Bylae beteken "die Regulasies" die regulasies gepubliseer by Goewermentskennisgewing No. R. 1064 van 23 Mei 1980, soos gewysig deur Goewermentskennisgewing Nos. R. 1621 van 22 Julie 1983, R. 2173 van 28 September 1984, R. 1287 van 14 Junie 1985 (soos verbeter deur R. 1524 van 12 Julie 1985), R. 1522 van 12 Julie 1985, R. 256 van 14 Februarie 1986, R. 1489 van 11 Julie 1986, R. 1903 van 12 September 1986, R. 1389 van 26 Junie 1987, R. 1700 van 7 Augustus 1987, R. 86 van 22 Januarie 1988, R. 2496 van 9 Desember 1988, R. 1518 van 14 Julie 1989 (soos verbeter deur R. 1976 van 15 September 1989), R. 2092 van 29 September 1989, R. 76 van 18 Januarie 1991, R. 1638 van 12 Julie 1991 (soos verbeter deur R. 1971 van 16 Augustus 1991), R. 2119 van 24 Julie 1992, R. 2618 van 18 September 1992, R. 891 van 28 Mei 1993, R. 1590 van 27 Augustus 1993, R. 2057 van 29 Oktober 1993, R. 513 van 18 Maart 1994, R. 1465 van 26 Augustus 1994, R. 174 van 10 Februarie 1995 (soos verbeter deur R. 319 van 3 Maart 1995), R. 1976 van 22 Desember 1995, R. 1177 van 19 Julie 1996, R. 97 van 24 Januarie 1997, R. 1011 van 1 Augustus 1997, R. 866 van 3 Julie 1998 (soos verbeter deur R. 949 van 24 Julie 1998), R. 1284 van 16 Oktober 1998, R. 1015 van 27 Augustus 1999, R. 232 van 17 Maart 2000, R. 919 van 15 September 2000, R. 1207 van 1 Desember 2000, R. 430 van 25 Mei 2001, R. 19 van 11 Januarie 2002, R. 547 van 10 Mei 2002, R. 1 van 3 Januarie 2003, R. 410 van 28 Maart 2003, R. 577 van 2 Mei 2003, R. 185 van 11 Maart 2005, R. 477 van 27 Mei 2005, R. 849 van 2 September 2005 (soos verbeter deur R. 928 van 30 September 2005), R. 131 van 17 Februarie 2006, R. 187 van 3 Maart 2006, R. 770 van 4 Augustus 2006, R. 45 van 26 Januarie 2007, R. 56 van 2 Februarie 2007, R. 521 van 29 Junie 2007, R. 430 van 11 April 2008 en R. 381 van 17 April 2009.

***Vervanging van Tabel 8 van die Regulasies***

2. Table 8 van die Regulasies word hiermee deur die tabel in Aanhangsel A vervang:

## ANNEXURE A / AANHANGSEL A

"TABLE 8 / TABEL 8

VARIETIES IN RESPECT OF WHICH CERTIFICATION IS REQUIRED  
VARIËTEITE WAARVAN SERTIFISERING VEREIS WORD

Botanical name Botaniese naam	Common name Gewone naam	Denomination of variety/ Benaming van variëteit	Date of commencement / Datum van inwerkingtreding
<i>Allium cepa</i> L. ....	Onion/ Ui .....	* Capricio ..... Radium ..... * Rion 1 ..... * Rion 2 ..... * Rion 3 ..... * Rion 4 .....	2003-03-01 1988-06-01 1996-01-01 1996-01-01 1996-01-01 1996-01-01
<i>Arachis hypogaea</i> L. .	Groundnut/ Grondboon	* Akwa ..... Anel ..... * Billy ..... Harts ..... Kwarts ..... * SA Juweel..... Sellie .....	1997-07-01 1997-07-01 1997-01-01 1995-01-30 1995-01-30 2008-01-31 1995-01-30
<i>Avena sativa</i> L. ....	Oats/ Hawer .....	Le Tucana ..... * Maluti ..... * SSH 491 .....	2004-09-01 1997-07-01 2000-06-01
<i>Brassica napus</i> L. ....	Forage rape/ Weikool ...	* Varola 54 .....	2001-12-01
<i>Cenchrus ciliaris</i> L. ....	Blue buffalo grass/ Bloubuffelsgras	* Bergbuffel .....	2000-06-01
<i>Cucurbita maxima</i> Duchesne ex Lam.	Pumpkin & Squash/ Pampoen en Skorsie	Flat White Boer-Van Niekerk/ Plat Wit Boer-Van Niekerk .... * Sunproof .....	1988-06-01 2003-03-01
<i>Cucurbita pepo</i> L. ....	Squash/ Skorsie .....	Blanco ..... Rolet .....	2003-03-01 1988-06-01
<i>Daucus carota</i> L. ....	Carrot/ Geelwortel .....	Brazilia ..... Ideal Red .....	1991-12-01 1991-12-01
<i>Digitaria eriantha</i> Steud.	Smuts finger grass/ Smutsvingergras	* Tip Top .....	1998-01-01
<i>Eragrostis curvula</i> (Schrud.) Nees	Weeping lovegrass/ Oulandsgras	* Agpal ..... Umgeni .....	2000-06-01 1995-10-01
<i>Eragrostis tef.</i> (Zucc.) Trotter	Teff/ Tefgras	* Emerald ..... * Emerson..... * Highveld..... * Ivory..... * Rooiberg..... * Witkop.....	2007-02-01 2007-02-01 2007-02-01 2007-02-01 2007-02-01 2007-02-01
<i>Festuca arundinacea</i> Schreb.	Tall fescue/ Langswenkgras	* Boschhoek..... Chailey..... * Jenna..... * Panalex..... * Verdant.....	2007-02-01 2007-02-01 2007-02-01 2007-02-01 2007-02-01
<i>Glycine max</i> (L.) Merr.	Soya bean/ Sojaboon ...	* SNK 440 ..... * SNK 500 .....	1999-11-01 1999-11-01
<i>Hordeum vulgare</i> L. ...	Barley/ Gars .....	* Chariot ..... * Puma ..... SSG 525 ..... * SSG 532 .....	2002-04-01 2006-02-01 2001-12-01 2001-12-01

Botanical name Botaniese naam	Common name Gewone naam	Denomination of variety/ Benaming van variëteit	Date of commencement / Datum van inwerkingtreding
<i>Lolium x boucheanum</i> Kunth.	Hybrid ryegrass/ Basterraagras	* Captivate..... * Royce..... * Titan..... * Vanguard.....	2007-02-01 2007-02-01 2007-02-01 2007-02-01
<i>Lolium multiflorum</i> Lam.	Italian and westerwold ryegrass/ Italiaanse en westerwoldse raaigras	* Agri-Hilton ..... * Agriton ..... * Ahrens ..... * Burgundy ..... * Captain ..... * Caversham ..... * Dairy Delight ..... * Dargle ..... * Enhancer ..... * Hutton ..... * Kloof ..... * Magnifico ..... * Midmar ..... * Mispah ..... * Moneymaker ..... * Performer ..... * Sophia ..... * Springboard ..... * Supreme Q ..... * Winter Gold ..... * York .....	2007-02-01 2000-06-01 2007-02-01 2007-02-01 2007-02-01 2007-02-01 2007-02-01 2007-02-01 2007-02-01 2007-02-01 2007-02-01 2007-02-01 1988-06-01 2007-02-01 2007-02-01 2007-02-01 2007-02-01 2007-02-01 2007-02-01 2007-02-01 2007-02-01 2007-02-01
<i>Lolium perenne</i> L.	Perennial ryegrass/ Meerjarige raaigras	Mbona.....	2007-02-01
<i>Lupinus albus</i> L.	White lupin/ Witlupien ...	* Alida ..... * Esta ..... * Vladimir .....	2003-03-01 2003-03-01 2003-03-01
<i>Lupinus angustifolius</i> L.	Narrow leaf lupin/ smalblaar lupien	Merrit .....	2003-03-01
<i>Lycopersicon</i> <i>esculentum</i> Mill., nom cons.	Tomato/ Tamatie .....	Rotam 4 ..... Stevens .....	1988-06-01 1988-06-01
<i>Medicago sativa</i> L.	Lucerne/Lusern	* S.A. Select .....	2004-09-01
<i>Panicum maximum</i> Jacq.	White buffalo grass/ Witbuffelgras	* Puk P 8.....	2007-02-01
<i>Phaseolus vulgaris</i> L.	Dry bean/ Droëboon ....	Bonus ..... * DBS 310 ..... * DBS 360 ..... * Jenny ..... * Kranskop ..... * Kranskop-HR 1 ..... * Majuba ..... * Maskam ..... * Minerva ..... * Mkuzi ..... * OPS-KW 1 ..... * OPS-RS 1 ..... * OPS-RS 2 ..... * OPS-RS 4 ..... * RS 5 ..... * Sederberg ..... * Teebus ..... * Teebus RCR 2 ..... * Teebus RR1 .....	1988-06-01 2006-02-01 2006-02-01 2008-01-31 2008-01-31 2008-01-31 1988-06-01 1988-06-01 2000-06-01 1989-01-01 2008-01-31 2008-01-31 2008-01-31 2008-01-31 2008-01-31 2008-01-31 1988-06-01 2008-01-31 2008-01-31

Botanical name Botaniese naam	Common name Gewone naam	Denomination of variety/ Benaming van variëteit	Date of commencement / Datum van inwerkingtreding
<i>Phaseolus vulgaris</i> L.	Garden bean (Runner)/ Tuinboon (Rank)	Witsa .....	1988-06-01
<i>Phaseolus vulgaris</i> L.	Garden bean (Dwarf)/ Tuinboon (Stam)	Rowit ..... Wintergreen .....	1995-10-01 1988-06-01
<i>Raphanus sativus</i> L.	Fodder radish/ Voerradys	* Geisha..... * Lomo..... * Samurai..... * Star 1650..... * Star 1651..... * Sterling.....	2007-02-01 2007-02-01 2007-02-01 2007-02-01 2007-02-01 2007-02-01
<i>Secale cereale</i> L.	Rye/ Rog	* Blue Chip..... * Echo..... * LS 35..... * LS 62..... * NCD Grazer..... * PAN 263..... * Southern Blue..... * Southern Green..... * Trojan.....	2007-02-01 2007-02-01 2007-02-01 2007-02-01 2007-02-01 2007-02-01 2007-02-01 2007-02-01 2007-02-01
<i>Sorghum bicolor</i> (L.) Moench.	Grain sorghum/ Graansorghum	NS 5511 .....	2009-01-31
<i>Sorghum</i> spp.	Forage sorghum/ Voersorghum	* Jaffa..... Silk .....	2007-02-01 1995-01-01
<i>Trifolium repens</i> L. ...	White clover/ Witklawer	Dusi .....	1988-03-01
<i>Triticum aestivum</i> L. nom. cons.	Wheat/ Koring .....	* Baviaans ..... * Betta DN ..... * Caledon ..... * CRN 826 ..... * Duzi ..... * Elands ..... * Gariep ..... * Kariega ..... * Komati ..... * Krokodil ..... * Limpopo ..... * Mac B ..... * Marico ..... * Matlabas ..... * Nossob ..... * Olifants ..... * PAN 3118 ..... * PAN 3191 ..... * PAN 3349 ..... * PAN 3364 ..... * PAN 3377 ..... * PAN 3490 ..... * PAN 3492 ..... * SST 015 ..... * SST 027 ..... * SST 036 ..... * SST 047 ..... * SST 056 ..... * SST 57 ..... * SST 65 ..... * SST 75 ..... * SST 88 ..... * SST 94 ..... * SST 322 .....	2004-09-01 1999-01-01 2004-09-01 2004-09-01 2006-02-01 2004-09-01 1997-07-01 1998-01-01 2004-09-01 2006-02-01 1999-01-01 2004-09-01 1998-01-01 2006-02-01 2006-02-01 2004-09-01 2003-03-01 2003-03-01 2003-03-01 2003-03-01 2003-03-01 2003-03-01 2003-03-01 2003-03-01 2004-09-01 2004-09-01 2009-01-31 2009-01-31 2009-01-31 1999-11-01 1999-11-01 1999-11-01 2000-06-01 2000-06-01 2004-09-01



Botanical name Botaniese naam	Common name Gewone naam	Denomination of variety/ Benaming van variëteit	Date of commencement / Datum van inwerkingtreding
		* SST 334 ..... * SST 347 ..... * SST 356 ..... * SST 363 ..... * SST 399 ..... * SST 806 ..... SST 822 ..... SST 825 ..... * SST 835 ..... * SST 876 ..... * Steenbras .....	2004-09-01 2009-01-31 2009-01-31 1999-11-01 2009-01-31 2009-01-31 1999-11-01 1999-11-01 2004-09-01 1999-11-01 2004-09-01
<i>x Triticosecale</i> Witt. ( <i>Triticum x Secale</i> )	Triticale/ Korog, Triticale	* Bacchus ..... Cloc 1 ..... * Kiewiet ..... * Rex ..... * Tobie ..... * US 2007 .....	2002-04-01 1993-11-30 1997-07-01 1997-07-01 2003-03-01 2008-01-31
<i>Vigna unguiculata</i> (L.) Walp	Cowpea/ Akkerboon ...	* Agri-Nawa..... * Encore.....	2007-02-01 2007-02-01
<i>Zea mays</i> L.	High Quality Protein Maize / Hoë Kwaliteit Protein Mielies	Obatanpa SR ..... QS-King ..... Qsoba .....	2008-01-31 2009-01-31 2006-02-01
<i>Zea mays</i> L. ....	White grain maize/ Wit graanmielie	* Afric 1 ..... * Border King N1/05.... Gobi ..... Grace ..... Mac Medium Pearl ... Namib ..... * Nelson's Choice..... Nevada ..... SAM 1107 ..... SAM 1109 ..... ZM 521..... ZM 1421 ..... ZM 1423 ..... ZM 1523 ..... ZM 1623 .....	2004-09-01 2007-02-01 2002-04-01 2004-09-01 1995-01-30 2002-04-01 2004-09-01 2003-03-01 2008-01-31 2008-01-31 2004-09-01 2008-01-31 2008-01-31 2008-01-31 2008-01-31
<i>Zea mays</i> L. ....	Yellow grain maize/ Yellow graanmielie	Colorado .....	2003-03-01

No. R. 100

19 February 2010

**PLANT IMPROVEMENT ACT, 1976  
(ACT No. 53 OF 1976)**

**REGULATIONS RELATING TO ESTABLISHMENTS, VARIETIES, PLANTS AND PROPAGATING  
MATERIAL: AMENDMENT**

The Minister of Agriculture, Forestry and Fisheries, acting under Section 34 of the Plant Improvement Act, 1976 (Act No. 53 of 1976), has made the following regulations in the Schedule.

**SCHEDULE**

***Definition***

1. In this Schedule "the Regulations" means the regulations published by Government Notice No. R. 1064 of 23 May 1980, as amended by Government Notices Nos. R. 1621 of 22 July 1983, R. 2173 of 28 September 1984, R. 1287 of 14 June 1985 (as corrected by Government Notice No. R. 1524 of 12 July 1985), R. 1522 of 12 July 1985, R. 256 of 14 February 1986, R. 1489 of 11 July 1986, R. 1903 of 12 September 1986, R. 1389 of 26 June 1987, R. 1700 of 7 August 1987, R. 86 of 22 January 1988, R. 2496 of 9 December 1988, R. 1518 of 14 July 1989, (as corrected by Government Notice No. R. 1976 of 15 September 1989), R. 2092 of 29 September 1989, R. 76 of 18 January 1991, R. 1638 of 12 July 1991, (as corrected by Government Notice No. R. 1971 of 16 August 1991), R. 2119 of 24 July 1992, R. 2618 of 18 September 1992, R. 891 of 28 May 1993, R. 1590 of 27 August 1993, R. 2057 of 29 October 1993, R. 513 of 18 March 1994, R. 1465 of 26 August 1994, R. 174 of 10 February 1995 (as corrected by Government Notice No. R. 319 of 3 March 1995), R. 1976 of 22 December 1995, R. 1177 of 19 July 1996, R. 97 of 24 January 1997, R. 1011 of 1 August 1997, R. 866 of 3 July 1998 (as corrected by Government Notice No. R. 949 of 24 July 1998), R. 1284 of 16 October 1998, R. 1015 of 27 August 1999, R. 232 of 17 March 2000, R. 919 of 15 September 2000, R. 1207 of 1 December 2000, R. 430 of 25 May 2001, R. 19 of 11 January 2002, R. 547 of 10 May 2002, R. 1 of 3 January 2003, R. 410 of 28 March 2003, R. 577 of 2 May 2003, R. 185 of 11 March 2005, R. 477 of 27 May 2005; R. 849 of 2 September 2005 (as corrected by Government Notice No. R. 928 of 30 September 2005), R. 131 of 17 February 2006, R. 187 of 3 March 2006, R. 770 of 4 August 2006, R. 45 of 26 January 2007, R. 56 of 2 February 2007, R. 521 of 29 June 2007, R. 430 of 11 April 2008 and R. 381 of 17 April 2009.

***Substitution of Table 1 of the Regulations***

2. The table in Annexure A is hereby substituting Table 1 of the Regulations:

No. R. 100

19 Februarie 2010

**PLANTVERBETERINGSWET, 1976  
(WET No. 53 VAN 1976)**

**REGULASIES BETREFFENDE ONDERNEMINGS, VARIËTEITE, PLANTE EN  
VOORTPLANTINGSMATERIAAL: WYSIGING**

Die Minister van Landbou, Bosbou en Visserie, handelende kragtens Artikel 34 van die Plantverbeteringswet, 1976 (Wet No. 53 van 1976), het die regulasies in die Bylae uitgevaardig.

**BYLAE**

***Woordomskrywing***

1. In hierdie Bylae beteken "die Regulasies" die regulasies gepubliseer by Goewermentskennisgewing No. R. 1064 van 23 Mei 1980, soos gewysig deur Goewermentskennisgewing Nos. R. 1621 van 22 Julie 1983, R. 2173 van 28 September 1984, R. 1287 van 14 Junie 1985 (soos verbeter deur R. 1524 van 12 Julie 1985), R. 1522 van 12 Julie 1985, R. 256 van 14 Februarie 1986, R. 1489 van 11 Julie 1986, R. 1903 van 12 September 1986, R. 1389 van 26 Junie 1987, R. 1700 van 7 Augustus 1987, R. 86 van 22 Januarie 1988, R. 2496 van 9 Desember 1988, R. 1518 van 14 Julie 1989 (soos verbeter deur R. 1976 van 15 September 1989), R. 2092 van 29 September 1989, R. 76 van 18 Januarie 1991, R. 1638 van 12 Julie 1991 (soos verbeter deur R. 1971 van 16 Augustus 1991), R. 2119 van 24 Julie 1992, R. 2618 van 18 September 1992, R. 891 van 28 Mei 1993, R. 1590 van 27 Augustus 1993, R. 2057 van 29 Oktober 1993, R. 513 van 18 Maart 1994, R. 1465 van 26 Augustus 1994, R. 174 van 10 Februarie 1995 (soos verbeter deur by R. 319 van 3 Maart 1995), R. 1976 van 22 Desember 1995, R. 1177 van 19 Julie 1996, R. 97 van 24 Januarie 1997, R. 1011 van 1 Augustus 1997, R. 866 van 3 Julie 1998 (soos verbeter deur R. 949 van 24 Julie 1998), R. 1284 van 16 Oktober 1998, R. 1015 van 27 Augustus 1999, R. 232 van 17 Maart 2000, R. 919 van 15 September 2000, R. 1207 van 1 Desember 2000, R. 430 van 25 Mei 2001, R. 19 van 11 Januarie 2002, R. 547 van 10 Mei 2002, R. 1 van 3 Januarie 2003, R. 410 van 28 Maart 2003, R. 577 van 2 Mei 2003, R. 185 van 11 Maart 2005, R. 477 van 27 Mei 2005, R. 849 van 2 September 2005 (soos verbeter deur R. 928 van 30 September 2005), R. 131 van 17 Februarie 2006, R. 187 van 3 Maart 2006, R. 770 van 4 Augustus 2006, R. 45 van 26 Januarie 2007, R. 56 van 2 Februarie 2007, R. 521 van 29 Junie 2007, R. 430 van 11 April 2008 en R. 381 of 17 April 2009.

***Vervanging van Tabel 1 van die Regulasies***

2. Tabel 1 van die Regulasies word hiermee deur die tabel in Aanhangsel A vervang:

## ANNEXURE A / AANHANGSEL A

**TABLE 1/TABEL 1**  
**FEES PAYABLE•GELDE BETAALBAAR**

No.	Particulars of service/ Aard van diens	Purpose/ Doel	Tariff/ Tarief
1.	Issuing of export certificate under section 27/ Uitreiking van uitvoersertifikaat ingevolge artikel 27	a) Application for a certificate/ Aansoek om 'n sertifikaat [Reg. 45A(2)(a)]	R60,00 per certificate/ sertifikaat
		b) Inspection and sampling of plant and propagating material/ Onderzoek en monsterneming van plante en voortplantings-materiaal [Reg. 45(3)]	R260,00 per hour/ per uur
		c) Purity analysis/ Suiwerheidsontleding	R105,00 each/ elk
		d) Germination or viability test/ Ontkiemings- of lewenskragtigheidstoets	R485,00 each/ elk
2.	Registration of premises under section 7/ Registrasie van perseel ingevolge artikel 7	a) Application for registration of premises in respect of a business/ Aansoek om registrasie van 'n perseel ten opsigte van 'n besigheid [Reg. 2(2)(b)]	R250,00 for one type of business plus R120,00 for each additional type of business / R250,00 vir een soort besigheid plus R120,00 vir elke bykomende soort besigheid
		b) Application for renewal of registration of premises in respect of a business/ Aansoek om hernuwing van registrasie van 'n perseel ten opsigte van 'n besigheid [Reg. 3(2)]	R250,00 for one type of business plus R120,00 for each additional type of business/ R250,00 vir een soort besigheid plus R120,00 vir elke bykomende soort besigheid
		c) Conduction of examination for a seed analyst to act as responsible officer of a seed testing laboratory / Eksaminering van 'n saadanalisis om as verantwoordelike beampte van 'n saadtoetslaboratorium op te tree	R 110,00 per person per day
3.	Variety listing (recognition of a variety/ Variëteitslys-plasing (erkenning van 'n variëteit)	a) Application fee in respect of the recognition of a variety/ Aansoekgeld ten opsigte van die erkenning van 'n variëteit [Reg. 16(b)]	R900,00 each/ elk
		b) Investigation fee for variety list placement/ Onderzoekgeld vir variëteitsplasing: [Reg. 17(1)] Category A (agronomic, vegetable and pasture crops and sweet corn)/ Kategorie A (akkerbou-, groente- en weidingsgewasse en suikermielies)	R1 100,00 each/ elk

No.	Particulars of service/ Aard van diens	Purpose/ Doel	Tariff/ Tarief
		Category B (white and yellow maize)/ Kategorie B (wit- en geelmielies)	R1 300,00 each/ elk
		Category C (fruit, vines and citrus)/ Kategorie C (vrugte, wingerd en sitrus)	R2 100,00 each/ elk
		c) Application for the alteration or supplementation of the denomination of a variety/ Aansoek om die wysiging of aanvulling van die benaming van 'n variëteit [Reg. 20A]	R1 600,00 each/ elk
4.	General/ Algemeen		
	a) Perusal of a document/ Insae in 'n dokument [Reg. 52(1)]		R380,00 per occasion/ per geleentheid
	b) Application for a copy of a document/ Aansoek om 'n afskrif van 'n dokument [Reg. 52(3)]		R35,00 plus R0,60 per A4 copy plus postage (where applicable) plus R15,00 per hour labour cost. The first hour is free of charge as it is included in the R35,00/ R35,00 plus R0,60 per A4 afskrif plus posgeld (waar van toepassing) plus R15,00 per uur arbeidskoste. Die eerste uur is gratis omdat dit reeds ingesluit is in R35,00.
	c) Lodgement of appeal against a decision of or steps taken by the Registrar/ Indiening van appèl teen die beslissing van, of stappe gedoen deur die Registrateur [Reg. 53(1)(d)]		R4 000,00 each / elk.
5.	Tariffs not provided for by legislation / Tariewe waarvoor wetgewing nie voorsiening maak nie:		
5.1	Unjustified complaints concerning plants or propagation material/Ongeregverdigde klagtes in verband met plante of voortplantingsmateriaal		
	(a) inspection, sampling and sealing/ Ondersoek, monsterneming en verseëling		R 260,00 per hour/per uur
	(b) Purity analysis (grasses excluded)/ Suiwerheidsontleding (grasse uitgesluit)		R 105,00 each/elk
	(c) Purity analyses on grasses (excluding where degluming or the blowing method is required)/ Suiwerheidsontleding op grasse (uitgesluit waar uitdop of die blaasmetode vereis word)		R 235,00 each/elk
	(d) Purity analysis on grasses that require degluming/ Suiwerheidsontleding op grasse wat uitdop vereis		R 350,00 each/elk
	(e) Purity analysis on grasses that require the uniform blowing method/ Suiwerheidsontleding op grasse wat die eenvormige blaasmetode vereis		R 305,00 each/elk
	(f) Germination test / Ontkiemingstoets		R 485,00 each/elk
	(g) Weighed replicate germination test/ Geweegde replikaat ontkiemingstoets		R 570,00 each/elk
	(h) Tetrazolium test / Tetrazoliumtoets		R 575,00 each/elk

5.2	Seed analyses and seed technological examinations/ Saadontledings en saadtegnologiese ondersoeke	
	(a) Purity analysis (grasses excluded)/ Suiwerheidsontleding (grasse uitgesluit)	R 105,00 each/elk
	(b) Purity analyses on grasses (excluding where degluming or the blowing method is required)/ Suiwerheidsontleding op grasse (uitgesluit waar uitdop of die blaasmetode vereis word)	R 235,00 each/elk
	(c) Purity analysis on grasses that require degluming/ Suiwerheidsontleding op grasse wat uitdop vereis	R 350,00 each/elk
	(d) Purity analysis on grasses that require the uniform blowing method/ Suiwerheidsontleding op grasse wat die eenvormige blaasmetode vereis	R 305,00 each/elk
	(e) Germination test / Ontkiemingstoets	R 485,00 each/elk
	(f) Weighed replicate germination test/ Geweegde replikaat ontkiemingstoets	R 570,00 each/elk
	(g) Other seed determination / Ander saadbepaling	R 310,00 each/elk
	(h) Alkaloid test / Bitterstofoets	R 80,00 each/elk
	(i) Moisture determination / Vogbepaling	R 150,00 each/elk
	(j) Tetrazolium test / Tetrazoliumtoets	R 570,00 each/elk
	(k) Preference testing for (a) to (j) above / Voorkeurtoetsing vir (a) tot (j) hierbo	Double tariff / dubbel tarief
	(l) Seed identification / Saad identifikasie	R 110,00 per hour/per uur
	(m) Seed quality investigation / Saadkwaliteitsondersoek	R 215,00 per hour/per uur
	(n) Annual courses presented in seed testing methods and techniques for a trainee seed analyst/ Jaarlikse kursusse aangebied in saadtoetsmetodes en tegnieke vir leerling saadanalisis	R 1 300,00 per person/per persoon
	(o) Specialist workshop presented in seed testing methods and techniques for a qualified seed analyst/ Spesialis werkswinkel aangebied in saadtoetsmetodes en tegnieke vir 'n gekwalifiseerde saadanalisis	R 390,00 per person per day/ per persoon per dag
5.3	International certificates/ Internasionale sertifikate	
	(a) Issuing of seed quality certificates/ Uitreiking van saadkwaliteit sertifikate	R 105,00 per certificate/per sertifikaat
	(b) Sampling and sealing of containers/ Monsterneming en verseëling van houers	R 260,00 per hour/per uur
	(c) Seals for sealing containers/ Seëls vir verseëling van houers	R 0,15 per seal/per seël
5.4	Seals for sealing containers of seed for which an export certificate has been issued under section 27 of the Plant Improvement Act, 1976 (act no 53 of 1976)/ Seëls vir verseëling van houers saad waarvoor 'n uitvoer- sertifikaat ingevolge artikel 27 van die Plantverbeterings wet, 1976 (wet no 53 van 1976) uitgereik is.	R 0,15 per seal/per seël
5.5	Application for the issue of an authorisation to import unlisted varieties/ Aansoek vir die uitreiking van 'n magtiging vir die invoer van ongelysde variëteite	R 70,00 per authorisation for a maximum of 10 varieties/ R 70,00 per magtiging met maksimum 10 variëteite
5.6	Examination of samples to determine conformity with variety descriptions / Ondersoek om te bepaal of monsters aan variëteitsbeskrywings voldoen	R 1 100,00 (Cat/Kat. A) R 1 300,00 (Cat/Kat. B) R 2 100,00 (Cat/Kat. C)

**DEPARTMENT OF AGRICULTURE, FORESTRY AND FISHERIES  
DEPARTEMENT VAN LANDBOU, BOSBOU EN VISSERYE**

**No. R. 98****19 February 2010**

**DEPARTMENT OF AGRICULTURE, FORESTRY AND FISHERIES  
AGRICULTURAL PRODUCT STANDARDS ACT, 1990 (ACT No. 119 OF 1990)**

**REGULATIONS RELATING TO THE CLASSIFICATION, PACKING AND MARKING OF FAT SPREADS  
INTENDED FOR SALE IN THE REPUBLIC OF SOUTH AFRICA: NEW REGULATIONS**

The Executive Officer: Agricultural Product Standards intends to request the Minister of Agriculture, Forestry and Fisheries to publish new Regulations Relating to the Classification, Packing and Marking of Fat Spreads intended for Sale in the Republic of South Africa.

The proposed regulations are available for inspection and copies can be obtained from the website [www.daff.gov.za](http://www.daff.gov.za), go to "Divisions", then to "Food Safety and Quality Assurance" and then to "Draft legislation for comments", or from the Executive Officer: Agricultural Product Standards, Department of Agriculture, Forestry and Fisheries, Private Bag X343, Pretoria, 0001; Telephone (012) 319-6027; Fax (012) 319 6055; E-mail [niele@daff.gov.za](mailto:niele@daff.gov.za).

Interested parties who wish to comment or make representations regarding the proposed regulations are invited to furnish such comments or representations in writing to the Executive Officer at the above contact information, not later than 30 April 2010.

**A.M. SERUMULA**  
Executive Officer: Agricultural Product Standards

**No. R. 98****19 Februarie 2010**

**DEPARTEMENT VAN LANDBOU, BOSBOU EN VISSERYE  
WET OP LANDBOUPRODUKSTANDAARDE, 1990 (WET No. 119 VAN 1990)**

**REGULASIES BETREFFENDE DIE KLASSIFIKASIE, VERPAKKING EN MERK VAN VETSMERE BESTEM  
VIR VERKOOP IN DIE REPUBLIEK VAN SUID AFRIKA: NUWE REGULASIES**

Die Uitvoerende Beampte: Landbouprodukstandaarde is van voorneme om die Minister van Landbou, Bosbou en Visserie te versoek om nuwe Regulasies Betreffende die Klassifikasie, Verpakking en Merk van Vetsmere bestem vir Verkoop in die Republiek van Suid-Afrika te publiseer.

Die voorgestelde regulasies is ter insae beskikbaar by en afskrifte kan bekom word vanaf die webtuiste [www.daff.gov.za](http://www.daff.gov.za), gaan na "Divisions", dan na "Food safety and Quality Assurance" en dan na "Draft legislation for comments", of vanaf die Uitvoerende Beampte: Landbouprodukstandaarde, Departement van Landbou, Bosbou en Visserie, Privaatsak X343, Pretoria, 0001; Telefoon (012) 319-6027; Faks (012) 319-6055; E-pos [niele@daff.gov.za](mailto:niele@daff.gov.za).

Belanghebbende persone word versoek om nie later as 30 April 2010 skriftelik kommentaar of verhoë wat hulle in verband met die voorgestelde regulasies wil lewer, aan die Uitvoerende Beampte by bogenoemde kontakbesonderhede voor te lê.

**A.M. SERUMULA**  
Uitvoerende Beampte: Landbouprodukstandaarde

**No. R. 101****19 February 2010****FERTILIZERS, FARM FEEDS, AGRICULTURAL REMEDIES AND STOCK  
REMEDIES ACT, 1947 (ACT NO. 36 OF 1947)****REGULATIONS RELATING TO FERTILIZERS, FARM FEEDS, AGRICULTURAL  
REMEDIES AND STOCK REMEDIES, STERILIZING PLANTS AND PEST CONTROL  
OPERATORS, APPEALS AND IMPORTS: PROPOSED AMENDMENTS**

I, Tina Joemat-Pettersson, Minister for Agriculture, Forestry and Fisheries acting, acting under Section 23 of the Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947), hereby-

- i. make known that I intend to make regulation in the schedule;  
and
- ii. invite interested persons to submit any objections to or representations concerning the proposed regulation in writing to the Registrar: Fertilizer, Farm Feeds, Agricultural Remedies and Stock Remedies, Private bag X 343, Pretoria, 0001, within four weeks from date of publication hereof.

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T. Joemat-Pettersson  
Minister for Agriculture, Forestry and Fisheries



**FERTILIZERS, FARM FEEDS, AGRICULTURAL REMEDIES AND STOCK  
REMEDIES ACT, 1947 (ACT NO. 36 OF 1947)**

**AGRICULTURAL REMEDIES: PROPOSED AMENDMENT**

The Minister for Agriculture, Forestry and Fisheries has under Section 23 of the Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947), made the regulations in the Schedule.

**SCHEDULE**

**Definition**

1. In this schedule "the regulations" means the regulations published by government notice No. R1017 of 3 November 2006.

**Addition of Regulation 1**

2. The regulations are hereby amended by the addition in regulation 1 of the following definition;

"SANAS" means South African National Accreditation System;

**Substitution of Regulation 3(1)**

3. The regulations are hereby amended by the substitution of regulation 3(1) by the following regulation;

3. (1) Subject to the provisions of Sections 4 and 4A of the Act, an animal feed registration in terms of Section 3 of the Act shall be valid up to 30 September of a three year registration cycle;

**Addition of Regulation 11(7)**

4. The regulations are hereby amended by the addition of regulation 11(7) in the regulations as follows;

11. (7) Subject to the provisions of Section 16 of the Act, no one shall import farm feed into the Republic for use in the manufacture of livestock feed or pet food, or for use as farm feed unless it is registered in terms Sections 3 of the Act;

**Substitution of Regulation 21(2) (b)**

5. The regulations are hereby amended by the substitution of regulation 21(2) (b) by the following regulation;

21. (2) (b). The particulars required in terms of paragraph (a) shall appear on the label (as required) expressed as percentages or gram per kilogram for macronutrients, milligrams or micrograms per kilogram for micronutrients, International unit per kilogram for vitamin A, D and E, as activity unit per gram or activity unit per milliliter for enzymes and their preparations, as colony forming units per gram for micro-organisms and their preparations in the following order –

- (i) Crude protein (minimum)
- (ii) Equivalent crude protein from non-protein nitrogen (maximum)
- (iii) Amino acids (minimum)

- (iv) Moisture (maximum)
- (v) Crude fat (minimum and/or maximum)
- (vi) Crude fibre (minimum and/or maximum)
- (vii) Calcium (minimum and/or maximum)
- (viii) Phosphorus (minimum)
- (ix) Other mineral guarantees
- (x) Vitamins (minimum)
- (xi) Total sugar as invert (minimum)
- (xii) Viable micro-organisms producing lactic acid (minimum)
- (xiii) Other guarantees (minimum)

#### **Substitution of Regulation 22(1) (g)**

6. The regulations are hereby amended by the substitution of regulation 22(1) (g) by the following regulation;

22. (1) (g). The information that is required to appear in the "Average analysis" or "analysis" shall be listed in the following order-

- (i) Crude protein
- (ii) Moisture
- (iii) Crude fat/oil
- (iv) Crude fibre
- (v) Crude Ash
- (vi) Calcium (optional)
- (vii) Phosphorus (optional)

#### **Substitution of Regulation 22(1) (h)**

7. The regulations are hereby amended by the substitution of regulation 22(1) (h) by the following regulation;

22. (1) (h). The average analysis shall be expressed in terms of percentages or gram per kilogram for macro-nutrients, milligrams or micrograms per kilogram (9mg/kg or µg/kg) for micro-nutrients and international units per kilogram (IU/kg) for vitamin A and D. All guarantees shall be expressed on an as fed basis. Vitamin inclusion levels shall be those in the pet food at the "best before" date;

#### **Substitution of Regulation 22(2) (a)**

8. The regulations are hereby amended by the substitution of regulation 22(2) (a) by the following regulation;

22. (2) (a). A vignette, graphic, or pictorial presentation of a product on a pet food shall not misinterpret the contents of the package. When a graphic or picture of animal protein, vegetables, cereals and grains is used on the label it shall be used subject to the following rules-

(i) Where a label shows graphics or pictorial of vegetables, fish, milk and eggs it shall mean that there is at least a 4%, of the ingredient appearing in the picture or graphic in the final product;

(ii) Where a label shows graphics or pictorial of cereals and/or grains, it shall mean that there is at least a 14%, of the ingredient appearing in the picture or graphic in the final product; and

(iii) Where a label shows graphics or pictorial of meat, it shall mean that there is at least a 26%, of the ingredient appearing in the picture or graphic in the final product.

**Substitution of Regulation 22(2) (m) (iv)**

9. The regulations are hereby amended by the substitution of regulation 22(2) (m) (iv) by the following regulation;

22. (2) (m) (iv) in the case of nutrients, the minimum content, expressed as set out in regulation 22(1)(g) above, shall clearly be indicated as part of the average analysis and shall follow the mandatory guarantees;

**Substitution of Regulation 22(2) (m) (vi)**

10. The regulations are hereby amended by the substitution of regulation 22(2) (m) (vi) by the following regulation;

22. (2) (m) (vi) if particular attention is drawn to an inclusion as an optimum ratio then the inclusion ratio shall be shown in the analysis on the label;

**Substitution of Regulation 22(2) (q)**

11. The regulations are hereby amended by the substitution of regulation 22(2) (q) by the following regulation;

22. (2) (q) Statements of energy content shall only be permitted on the label if they are substantiated. Where a statement(s) that make reference to weight control or obesity is claimed on the label it shall be accompanied by a declaration of product energy content;

**Substitution of Regulation 22(2) (u)**

12. The regulations are hereby amended by the substitution of regulation 22(2) (u) by the following regulation;

22. (2) (u) A reference to quality, nature, form, or other attributes of an ingredient shall not be made unless such reference is accurate and unless the ingredient imparts a distinctive characteristic to the pet food because it possesses that attribute. Reference to poor, low, inferior, undesirable ingredient(s) quality shall not be permitted on pet food label;

**Substitution of Regulation 22(7)**

13. The regulations are hereby amended by the substitution of regulation 22(7) by the following regulation;

22. (7) Notwithstanding the provisions of subregulation (1) and subregulation (2) the Registrar may, on written request of the applicant grant certain exemptions from the stipulations of these subregulations under certain conditions;

**Substitution of Regulation 24(3) (b)**

14. The regulations are hereby amended by the substitution of regulation 24(3) (b) by the following regulation;

24. (3) (b) be accompanied by two copies of a typed version of the advertisement in English and, if applicable, two copies of illustrations to be used in connection with that advertisement; and

**Substitution of Regulation 26**

15. The Regulations are hereby amended by the substitution of regulation 26 by the following regulation;

26. (1) The site where the manufacturing facility is located shall be maintained so as to prevent contamination and enable the production of safe feed, such that -

- (a) measures necessary to protect the site from any potential undesirable contaminants shall be in place and periodically reviewed to ensure they continue to be effective; and
- (b) the site boundaries shall be clearly defined.

26. (2) All grounds within the site shall be finished and maintained to an appropriate standard, such that -

- (a) where natural drainage is inadequate, additional drainage shall be installed to avoid the risk of contamination of feedingstuffs;
- (b) where external storage is necessary, items shall be protected from contamination and deterioration;
- (c) wherever possible, all buildings shall be surrounded by a clear space. All immediate surrounding areas shall be kept clean, and effective pest control programs shall be implemented; and
- (d) waste collection shall take place in a well-defined area.

26. (3) Premises and plant shall be designed, constructed and maintained to control the risk of product contamination, such that -

- (a) the production process from reception to dispatch, shall be designed to permit adequate cleaning and/or disinfection in order to prevent personnel, product, facilities and equipment contamination and cross-contamination;
- (b) premises shall allow sufficient working space and storage to enable all operations to be carried out properly under safe and hygienic conditions;
- (c) the systems of working shall, where appropriate, be such as to reduce any potential physical, chemical or microbiological contamination risks;
- (d) there shall be an appropriate segregation between unprocessed and processed materials to minimise the risk of product cross-contamination;
- (e) segregation shall take into account the product flow, nature of materials, equipment, personnel, waste management, airflow, and air quality and services provision; and
- (f) manufacturing plants shall have adequate facilities for disposing of unused animal by-products remaining after the production of the products. Alternatively this material shall be sent to a processing plant or to an incineration or co-incineration plant.

26 (4) The fabric of the site, buildings and facilities shall be suitable for the intended purpose. The use of glass shall be avoided where necessary. The -

- (a) walls shall be designed, constructed, finished and maintained to prevent the accumulation of dirt, to reduce condensation and mould growth and to facilitate cleaning;
- (b) wall/floor junctions and corners shall be covered to facilitate cleaning and disinfection; cavities in the surface of walls shall be avoided, where necessary, to prevent debris from accumulating and pest harbourage;
- (c) drainage shall not compromise product safety and shall flow away from high-risk areas;
- (d) drainage facilities shall be adequate for the purpose intended and shall be designed and maintained to minimise risk of product contamination;
- (e) floors shall be designed to meet the demands of the process, and withstand cleaning materials and methods; they shall be impervious and maintained in good conditions;

- (f) floors shall have adequate falls to cope with the flow of any water or effluent towards suitable drainage;
- (g) careful consideration to the siting of machinery; suitable drainage shall be provided so that any discharge or overspill from processing goes directly into a drain rather than on the floor;
- (h) use of false ceilings shall be accompanied by adequate access to the void in order to facilitate cleaning, maintenance of services and inspection for pest activity;
- (i) ceilings and overhead fixtures, where necessary, shall be designed, constructed, finished and maintained to prevent the accumulation of dirt, to reduce condensation, minimise mould growth and to prevent the accumulation of dust that can affect the safety and quality of livestock or pet food;
- (j) use of glass close to production machinery shall be avoided and wherever necessary it shall be protected against breakage;
- (k) windows shall be designed to be opened for ventilation purposes, they shall, where necessary, be adequately screened to prevent the ingress of pests;
- (l) doors shall be kept closed at all times, when not in use;
- (m) doors shall be close-fitting and proofed against pests when closed;
- (n) external doors to raw material handling, processing, packaging and storage areas when kept open, suitable precautions shall be taken to prevent the ingress of pests;
- (o) facilities shall have adequate natural and/or artificial lighting;
- (p) shatterproof plastic diffusers or sleeve covers shall protect all bulbs and strip lights, including those on electric fly killer units, where they constitute a risk to the product; for high temperature lights, where plastic covers are not viable, a fine mesh metal screen shall be fitted; where full protection cannot be provided, the glass management system shall take this into account;
- (q) equipment used for the purpose of screening or filtering air shall be adequately maintained;
- (r) dust extraction equipment for dry powder handling areas shall be installed;
- (s) compressed air in contact with products shall be filtered;
- (t) water supplies used for cleaning shall, where appropriate, be potable, either being drawn from mains supply or suitably treated according to its source;
- (u) water used in livestock feed or Pet food manufacture shall be of suitable quality for animals; all piping etc. shall be of inert nature;
- (v) quality of water, steam or ice that comes in contact with livestock feed or pet food shall be regularly monitored and shall present no risk to product safety; and
- (w) water supply systems shall be properly labelled and segregated between potable and non-potable supplies.

26. (5) Equipment shall be suitably designed for the intended purpose and shall be used so as to minimise the risk of product contamination, such that -

- (a) equipment shall be designed, so as to minimise the risk of error and to avoid contamination, cross-contamination and any adverse affect, generally on the safety and quality of the products; when appropriate, machinery coming into contact with feed shall be dried following any wet cleaning process;
- (b) equipment shall be positioned so as to allow easy access for cleaning and/or disinfection and servicing;

- (c) all equipment shall be properly specified prior to commissioning, and shall be adequately maintained, serviced and operated to allow for the production of safe and quality compliant feed;
- (d) all equipment surfaces coming into contact with the product shall be impervious and non-reactive;
- (e) all equipment shall be designed so that it does not in itself contaminate the product due to leaking seals, lubrication or through subsequent modification; and
- (f) all feed or food contact lubricants shall be of food grade quality.

26. (6) A system of planned maintenance shall be in place covering all items of equipment, which are critical to product safety and quality, such that-

- (a) equipment shall undergo appropriate and regular maintenance, in accordance with written procedures pre-established by the equipment manufacturer;
- (b) the manufacturer shall ensure that the safety and quality of product is not jeopardised during and after maintenance operations; particular attention shall be drawn to the risk of foreign body contamination;
- (c) third party contractors and all engineers shall be aware of and adhere to the manufacturer's hygiene standards, with particular focus on both high and low risk areas; and
- (d) cleaning or replacing light fittings and glass shall be done in a manner as to minimise the potential of product contamination.

26. (7) Staff facilities shall be designed, and used to minimise the risk of product contamination, such that-

- (a) where specific work-wear is required, changing facilities shall be provided for all personnel, whether staff, visitor or contractor, prior to entry to production or packing areas, and where appropriate, prior to entry to storage areas;
- (b) where appropriate, suitable and sufficient hand washing facilities shall be provided;
- (c) toilets doors shall not open directly into production, packing or storage areas;
- (d) smoking shall only be permitted in appropriate designated areas;
- (e) where catering facilities are provided, these shall be suitably controlled to prevent contamination of product;
- (f) where appropriate, changing facilities shall be located to allow personnel direct access to the packing or storage area, without first passing through areas external to the factory buildings;
- (g) suitable provisions shall be made for the storage of food brought onto the premises by staff;
- (h) outdoor clothing and other personal items shall be stored separately from work-wear within the changing facilities; and
- (i) where appropriate, the use of work-wear shall be restricted to the work premises.

26. (8) Appropriate facilities and procedures shall be in place to control the risk of physical or chemical product contamination, such that-

- (a) the manufacturer shall adopt all measures to comply with the maximum permitted levels of physicochemical residues;
- (b) appropriate storage facilities shall be provided for the control and storage of any hazardous chemicals;
- (c) written procedures for handling glass and hard clear plastic breakages in raw material handling, preparation, processing, packing and storage areas shall be in place to ensure the necessary precautions are taken; these procedures shall form part of a formal glass policy; and

- (d) the use of wood within raw material handling, preparation, processing, packing and storage areas shall, be minimised.
- 26. (9) Appropriate standards of hygiene and housekeeping shall be maintained at all times, such that-
  - (a) cleaning and/or disinfection programmes shall be implemented and effective in order to minimise the risk of contamination; programme shall be documented;
  - (b) all cleaning staff shall be trained and competent to perform the required tasks;
  - (c) the effectiveness of the cleaning and sanitation procedures in processing areas shall be verified; and
  - (d) only approved food grade cleaning agents shall be used.
- 26. (10) There shall be adequate systems for the collation, collection and disposal of waste material, such that -
  - (a) sewage, waste and rain water shall be disposed of in a manner which ensures that the safety and quality of feed is not affected; spoilage and dust shall be controlled to prevent pest invasion;
  - (b) waste and materials not suitable as feed shall be isolated and identified; any such materials containing hazardous levels of veterinary drugs, contaminants or other hazards shall be disposed of in an appropriate way and not used as feed;
  - (c) systems shall be in place to minimise the accumulation of waste in production areas, and shall prevent the use of unfit materials; defined waste areas shall be established;
  - (d) waste disposal shall meet legislative requirements and, where appropriate, removed by licensed contractors;
  - (e) external waste collection containers and compactors shall be closed and/or covered; and
  - (f) all waste containers shall be clearly marked and designated for that purpose only.
- 26. (11) The Manufacturer shall be responsible for minimising the risk of pest infestation on the site, such that -
  - (a) pest control programmes are implemented.
  - (b) the manufacturer either contract the services to a competent registered pest control operator, or shall have trained personnel, for the regular inspection and treatment of premises to stop and eradicate pest infestation; where the services of a pest control contractor are employed, the service contracted shall be clearly defined and reflect the activities of the site;
  - (c) detailed records of the pest control inspections, recommendations and necessary action undertaken shall be kept;
  - (d) where appropriate, permanently operational electric fly killers shall be provided and correctly positioned;
  - (e) drains shall be fitted with screens and traps to prevent pest entry;
  - (f) where appropriate, incoming raw materials shall be thoroughly checked on arrival for the absence of pests;
  - (g) raw materials, packaging and finished products shall be stored so as to minimise the risk of pest infestation; where stored, product may attract pests, appropriate measures shall be included in the control programme;
  - (h) documentation shall provide detailed information on the safe use and application of baits; and
  - (i) the location of all pest control measures shall be identified on a plan/diagram of the site.

26. (12) The Manufacturer shall ensure that all employees are adequately trained, instructed and supervised, commensurate with their activity, such that -

- (a) all employees involved in the production of animal feed, including storage and transport, be aware (e.g. clearly informed in writing of their duties, responsibilities and powers) that they contribute to the quality and safety of the finished products;
- (b) all personnel, including temporary personnel and contractors, shall be in sufficient number, possess the skills and qualifications necessary for the manufacturing process and be appropriately trained prior to commencing work; they shall be adequately supervised throughout the working period;
- (c) the staff shall be adequately trained for quality management; the person responsible for supervising quality control shall furthermore be in a position to carry out his/her tasks independently and to take the appropriate decisions; and
- (d) the manufacturer shall have full training programmes and records.

26. (13) The Manufacturer's personal hygiene standards shall be documented and adopted by all personnel, including contractors and visitors to the factory. These standards shall be designed with due regard to the risk of product contamination, such that-

- (a) jewellery and watches shall not be worn unless in exceptional circumstances when there is no risk of product contamination and with the exception of a plain wedding ring and sleeper earrings;
- (b) all cuts and grazes on exposed skin shall be covered (e.g. by a detectable blue metal strip plaster, that is Pet food manufacturer-issued);
- (c) smoking, eating and drinking shall only be permitted in designated areas;
- (d) hand cleaning shall be performed in an appropriate manner and frequency;
- (e) medical screening procedures shall be implemented, where appropriate, in particular for staff working in areas where product safety could be compromised; and
- (f) personnel known, or suspected, to be suffering from a disease likely to be transmitted to livestock feed or pet food, shall not be allowed to enter any feed handling area where there is a likelihood of contaminating the feed, posing a risk to the safety of the product, the target animal and to humans handling the feed.

26. (14) feed handlers, visitors, and contractors working in, or entering the feed handling areas, shall wear suitable feed manufacturer-issued protective clothing, such that-

- (a) where appropriate, all hair shall be fully covered to prevent product contamination;
- (b) suitable safety footwear shall be worn within the factory environment;
- (c) all protective clothing shall be laundered effectively on a regular basis; and
- (d) gloves, if worn, shall be subject to adequate control to avoid product contamination.

#### **Substitution of Regulation 27**

16. The Regulations are hereby amended by the substitution of regulation 27 by the following regulation;

27. (1) Clear responsibilities and procedures for the production process shall be in place, such that-

- (a) a qualified employee shall be designated as the person responsible for the production process;



- (b) the manufacturer shall ensure that the different production stages are carried out in accordance with written procedures and instructions; in order to obtain the desired quality of feed, these procedures shall define the critical points of the manufacturing process; and
  - (c) measures shall be taken to avoid contamination, cross contamination and human error to maintain the hygiene and safety standards.
- 27. (2) Weighing and metering equipment, both for bulk and hand tipped ingredients, is essential and shall be accurately done in order for the production of a safe feed, such that-
  - (a) all scales and metering devices used in the manufacture of feed shall be appropriate for the range of weights or volumes to be measured and a regular programme of calibration and testing of weighing and metering equipment shall be implemented; guidance from equipment manufacturers shall be taken in developing written procedures for calibration and testing; and
  - (b) a regular maintenance programme shall also be in place in order to ensure that weighing equipment is kept clean and that worn parts are replaced when necessary.
- 27. (3) A homogenous mixture is essential for nutritional balance and feed safety. The accuracy of mixing shall be assured and verified, such that-
  - (a) all mixers used in the manufacture of feed shall be appropriate for the range of weights or volumes being mixed, and shall be capable of manufacturing homogeneous mixes or homogenous solutions;
  - (b) the mixer shall be cleaned to ensure efficacy and feed safety;
  - (c) written maintenance schedules shall exist for examination of the mixer to ensure that worn equipment parts do not lead to the build up of residues when the mixer is emptied;
  - (d) the mixers shall operate for a pre-set time, determined by pre-production trials to ensure homogenous mixes and/or solutions;
  - (e) The efficiency of the mixing process shall be regularly checked to ensure that additives are evenly dispersed throughout the mix;
  - (f) an unacceptable carry over of additives, veterinary medical substances or any other undesirable substance shall be prevented; and
  - (g) operators shall demonstrate the effectiveness of mixers with regard to homogeneity.
- 27. (4) A Quality Control Plan shall be drawn up and implemented for the use of raw materials, pre-mixtures and finished products. The Manufacturer shall undertake or sub-contract analysis, critical to product safety and quality, using appropriate procedures and facilities, such that -
  - (a) the Quality Control Plan shall identify checks on critical control points in the manufacturing process, sampling procedures as well as determine the frequency of these checks and sampling procedures; the plan shall also specify which methods of analysis are to be used and how frequently; the quality control plan shall mention actions to be taken in case of non-compliance with the specifications;
  - (b) the manufacturer shall, based on risk assessment (including HACCP), determine what level of analytical testing (microbiological, physical or chemical) needs to be performed to verify that the food safety management system is under control;
  - (c) pet food and dog chews made from animal by-products, random samples shall be taken during production and/or finished products (before dispatching) to verify compliance with the following standards: Salmonella (absence in 25g, n=5, c=0, M=0); and Enterobacteriaceae (n=5, c=2, m=10, M=300 in 1g); however, for canned pet food and other

hermetically sealed heat treated containers that has undergone heat treatment described in the production section (temperature), sampling and testing for Salmonella and Enterobacteriaceae may not be necessary;

- (d) procedures shall be in place to ensure reliability of test results;
- (e) personnel undertaking analyses shall be suitably qualified, and/or trained and shall be competent to carry out the analyses required; and
- (f) where the feed manufacturer undertakes or sub-contracts analyses critical to product safety or legal compositional verification, the laboratory shall be independently accredited by SANAS or ILAC.

27. (5) The Manufacturer shall be able to demonstrate effective control of all operations undertaken. Where temperature control of the raw materials, intermediate or finished product, process and/or environment is critical to product safety and quality, this shall be adequately controlled, monitored and recorded, such that -

- (a) in circumstances where temperature and/or time control is critical to product safety and quality (e.g. thermal processing, freezing or chilling), temperature and/or time recording equipment, linked to a suitable failure alarm system, shall be used to monitor at an appropriate frequency, the process status;
- (b) canned pet food and other hermetically sealed heat treated containers shall be subject to heat treatment to a minimum Fc value of 3;
- (c) processed pet food other than canned pet food or other hermetically sealed heat treated containers shall be subject to a heat treatment of at least 90°C throughout its substance; after treatment, every precaution shall be taken to ensure that the product is not exposed to contamination; the product shall be packed in new packaging; and
- (d) dog chews shall be subject to a heat treatment during processing sufficient to destroy pathogenic organisms (including salmonella); after treatment, every precaution shall be taken to ensure that the product is not exposed to contamination; the product shall be packed in new packaging.

27. (6) The Manufacturer shall ensure that all necessary steps are taken to identify, avoid, eliminate or minimise the risk of metal or other foreign body contamination, such that -

- (a) the manufacturer shall use hazard analysis and determine the critical control points to avoid foreign body contamination. When necessary, metal or other foreign body detection equipment shall be installed;
- (b) where a metal or foreign body detector is required, the manufacturer shall establish and apply the best practice critical limits for detection, having due regard to the nature of the feed, the location of the detector and any other factors influencing the sensitivity of the detector;
- (c) the manufacturer shall establish and implement procedures for the operation, routine monitoring and testing of the metal and other foreign body detectors; and
- (d) the manufacturer shall establish and implement corrective action and reporting procedures, in the event of the monitoring and testing procedure identifying any failure of the metal or foreign body detector; these will include the isolation, quarantining and re-inspection of all products since the last acceptance test of the metal or other foreign body detector.

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27. (7) The Manufacturer shall ensure that the product is not released before all the procedures have been followed, such that -
- (a) The manufacturer shall ensure that the product is only released by authorised personnel in line with release procedures ensuring product safety.
27. (8) The Manufacturer shall ensure all out-of-specification raw materials and semi- or finished products are clearly identified, labelled and quarantined, such that -
- (a) clear procedures for the control of non-conforming material, including rejection, acceptance by concession, or agreement to use for another purpose, shall be in place and understood by all authorised personnel;
  - (b) corrective actions shall be implemented to avoid recurrence of non-conformance and adequate records of the action taken; and
  - (c) all non-conforming products shall be handled or disposed of according to the nature of the problem and/or specific requirements.
27. (9) Checks shall be carried out to demonstrate that a package conforms with the Trade Metrology Act, 1973 (Act 77 of 1973) legal requirements and with any additional recognised industry sector codes/guides, such that -
- (a) The frequency and methodology of quantity checking shall meet the minimum requirements of legislation pertaining to quantity verification, irrespective of the nature of the pre-packaged material (e.g. average quantity, weight/volume); and
  - (b) all equipment used for quantity measurement shall be legally acceptable and regularly calibrated.
27. (10) The Manufacturer shall operate procedures that verify that the process and equipment employed are capable of producing consistent safe products with the desired quality characteristics, such that -
- (a) in the event of changes to product formulation, processing methods, equipment or packaging, the manufacturer shall, where appropriate, re-establish process characteristics and validate product data, to ensure product safety and quality; and
  - (b) in the case of equipment failure or process deviation, procedures shall be in place to establish the safety status of the product, prior to release.
27. (11) Equipment used to monitor critical control points and product compliance shall be calibrated and traceable, such that -
- (a) where necessary, equipments shall:
    - (i) be calibrated or verified at specified intervals or prior to use and the basis used for calibration or verification shall be recorded;
    - (ii) be adjusted or re-adjusted as necessary;
    - (iii) be identified to enable the calibration status to be determined;
    - (iv) be safeguarded from adjustments that would invalidate the measurement results; and
    - (v) be protected from damage and deterioration.
  - (b) records of the results of calibration and verification shall be maintained.
27. (12) Where materials require special handling procedures, these shall be in place to ensure that product safety and quality are maintained, such that -
- (a) where packaging materials (e.g. glass containers) pose a risk to the product safety, special handling procedures shall be in place to prevent product contamination or spoilage; records of failures and corrective actions taken shall be maintained; and

- (b) where re-processing is used, or reworking operations carried out, procedures shall be implemented to ensure the safety and quality of the finished product.

27. (13) Product packaging shall be appropriate for the intended use and stored under proper conditions to minimise the risk of contamination and deterioration, such that-

- (a) proper packaging materials shall be used;
- (b) procedures shall be in place to confirm that product packaging conforms to specification;
- (c) where staples or other items likely to cause damage or contamination in packaging are used, appropriate precautions shall be taken to minimise the risk of product contamination;
- (d) any packaging material surplus to a specific production run shall be protected before being returned to storage; and
- (e) packaging material shall be stored apart from raw materials to avoid cross-contamination.

27. (14) All vehicles or warehouses used for the transportation or storage of raw materials (including packaging), intermediates/semi-processed products and finished product, shall be suitable for the intended purpose, and be maintained in good repair and in a hygienic condition, such that-

- (a) the manufacturer shall make sure that, the goods delivered match with those ordered, the feed is properly labelled in accordance with legal requirements; and that all measures have been taken to ensure the quality and safety of the feed delivered;
- (b) all containers used for transporting or warehouses used for storing raw materials and finished products shall be kept free of potential contaminants, whether chemical, odour, pests (e.g. microorganisms, rodents, insects, birds) and domestic animals;
- (c) only persons authorised by the manufacturer shall have access to the storage facilities;
- (d) the name and the address of the carrier shall be registered;
- (e) raw materials, packaging materials and finished products shall be stored and transported in such a way as to make them easily identifiable (product name, number, date and time of manufacture) and to prevent cross-contamination and deterioration;
- (f) refrigerated transport or storage shall be capable of maintaining product/raw material temperature within specification, under maximum load, and whilst the product/raw material is stored on the vehicle or in the warehouse;
- (g) procedures shall, where appropriate, be in place in the case of equipment failure (e.g. refrigeration); these procedures shall ensure product safety and quality;
- (h) where the raw material, packaging materials or finished product transported is susceptible to damage by the weather, vehicles shall be weather proofed and shall be loaded and unloaded in covered bays to protect the material.
- (i) animal by-products and processed products shall be collected and transported in sealed new packaging or covered leak-proof containers or vehicles;
- (j) vehicles and reusable containers and all reusable items of equipment or appliances that come into contact with animal by products or processed products, shall be: cleaned, washed and disinfected after each use; maintained in a clean condition; and clean and dried before use;
- (k) re-usable containers shall be dedicated to the carriage of a particular product in order to avoid cross contamination;

- (l) unprocessed animal by-products that are fit for human consumption destined for the production of feed material or pet food shall be transported chilled or frozen, unless processed within 24 hours of the time at which it was generated; and
  - (m) Packaging material shall be incinerated or disposed of in accordance with relevant legislation (s).
- 27. (15) Storage segregation procedures shall be in place to prevent the cross-contamination of finished products, packaging and raw materials, such that:
  - (a) processed feed and packaging material shall be separated from unprocessed feed materials and additives, in order to avoid any cross-contamination of the processed feed and/or of the packaging material.
- 27. (16) Procedures shall be in place to ensure that materials and products are used in the correct order and within the allocated shelf life, such that -
  - (a) receipt documents and/or product labelling shall facilitate correct stock rotation (F.I.F.O. - first in first out).
- 27. (17) The basis of the Pet food manufacturer's food safety system shall be a HACCP Plan which shall be systematic, comprehensive and thorough and shall be based on the Codex Alimentarius HACCP principles, such that -
  - (a) the Pet food manufacturer shall use the Codex HACCP principles to:
    - (i) conduct a hazard analysis;
    - (ii) determine the Critical Control Points (CCP);
    - (iii) establish the Critical Limits;
    - (iv) establish a system to monitor control of the CCP;
    - (v) establish the corrective action to be taken when monitoring indicates that a particular CCP is not under control;
    - (vi) establish procedures of verification to confirm that a HACCP System is working effectively; and
    - (vii) establish documentation concerning all procedures and records appropriate to these principles and their applications.
  - (b) the HACCP study shall be based on an assessment of risk, and shall identify which hazards are of such a nature that their elimination or reduction to acceptable levels is essential to the correct production of pet food; in conducting the hazard analysis, wherever possible, the following shall be included:
    - (i) the likely occurrence of hazards and severity of their adverse health effects;
    - (ii) the qualitative and/or quantitative evaluation of the presence of hazards;
    - (iii) survival and multiplication of micro-organisms of concern;
    - (iv) production and persistence in pet foods of toxins, chemical or physical agents; and
    - (v) conditions leading to the above.
  - (c) HACCP shall have Senior Management commitment and shall be implemented through the Pet food manufacturer's quality management system;
  - (d) the HACCP team leader or nominated team representative shall be able to demonstrate competence in the understanding of HACCP principles and their application;
  - (e) key personnel identified as HACCP Team members shall have adequate training and experience;
  - (f) the HACCP system shall be specific to the application, practical to implement and effective in controlling the associated hazards of the operation;

- (g) all existing and new products shall be covered by the HACCP system, which shall be reviewed on a regular basis (at least once a year) and shall be validated;
- (h) Critical Control Points, identified in relation to the operation, shall be controlled and monitored within predetermined Critical Limits; records of conformance and effective corrective action resulting from non-conformance shall be maintained;
- (i) the food safety management system shall consist of both a validated and verified prerequisite programme and a HACCP system, and through these, the pet food manufacturer shall be able to demonstrate effective food safety control of all operations undertaken; and
- (j) the HACCP study shall be carried out by a multi-disciplinary team.

27. (18) Traceability shall be applied and be the responsibility of each operator of the entire animal feed and pet food chain ("from farm to fork / from farm to feeding bowl").

The Manufacturer shall adequately identify all materials used in the livestock feed or pet food production (raw materials, additives, packaging, packaging materials), including the finished product, and be able to trace what occurred in all phases of production, and up to the distribution to the customer, such that-

- (a) the manufacturer shall work with a system of documentation designed to ensure an adequate level of traceability; traceability is the capability to be able to identify any person from whom they have been supplied with feed materials, additives, packaging material or any substance intended to be, or expected to be, used for the production of feed; the manufacturer shall record and keep the following information for at least two years, or five years if the product contains GMOs, in order to ensure product traceability:
  - (i) the name and address of the suppliers (e.g. raw materials, additives/pre-mixtures, and packaging) and the sources of these raw materials/packaging, including the batch number, quantity and delivery date;
  - (ii) the raw material registration number of the suppliers;
  - (iii) the nature, formulation and quantity of the finished products manufactured, along with the manufacturing date and batch number; Samples and records of each batch shall be retained in accordance with these regulations; and
  - (iv) the name and address of the site where the batch of semi-finished or finished products are delivered.
- (b) where rework or any reworking operation is performed, traceability shall be maintained.

27. (19) The Manufacturer shall identify each individual sales unit, such that-

- (a) the manufacturer shall establish and maintain documented procedures for identifying materials from reception through production to finished products; finished products shall be labelled to ensure traceability to batch.

27. (20) The Manufacturer shall have an effective product recall procedure for all products in the distribution network, such that-

- (a) the manufacturer shall implement a system for the prompt recall of products in the distribution network;
- (b) should a product be delivered, which does not meet the food safety requirements, the manufacturer has to recall these products from the distribution network; the manufacturer has to take care that the products will not be put back into circulation unless they have undergone a risk assessment and, if required, treated in an appropriate way; the

manufacturer, therefore, shall have a recall procedure implemented; a Rapid Alert System shall be in place, which is the obligation to inform the Registrar, in case a product recall is necessary;

- (c) the procedure shall be: appropriate; formalised; capable of being operated at any time within four hours; the procedure shall be regularly reviewed and revised as appropriate; and
- (d) the procedure shall be regularly tested in a manner that is appropriate to ensure its effective operation.

27. (21) A hazard analysis study (HACCP) shall be undertaken during the design/development phase of the product, packaging and process to identify and assess all potential safety hazards (Codex Alimentarius, 1997 (II)), such that-

- (a) the feed shall be designed to produce a safe feed and meet the nutritional requirements of the animal;
- (b) the manufacturer shall, where appropriate, undertake factory trials and carry out testing to verify if product formulation and manufacturing processes are capable of producing a nutritionally well balanced and safe product;
- (c) shelf life shall be established, taking into account the product formulation, production process, packaging process and packaging and subsequent storage conditions; and
- (d) packaging, process and the material used in the manufacture shall assure feed safety.

27. (22) Feed materials have to be mixed to produce a safe feed, such that-

- (a) the presence of prohibited feed materials, undesirable substances, prohibited substances and pathogens in relation to animal or human health shall be monitored and appropriate control strategies to minimise the risk shall be in place;
- (b) this regulation establishes a list of products whose use as feed materials is prohibited; the manufacturer shall make sure that the products included on the list of prohibited products are not used; certain feed materials and additives are subject to restriction for use in certain species; the manufacturer shall make sure that they are used accordingly and that the risks of accidental contamination are controlled/eliminated; and
- (c) only permitted additives can be used and mixed in appropriate quantities and homogeneously with the feeding materials, in order to ensure that they are only present in non-toxic quantities.

27. (23) The Manufacturer shall operate procedures for approval and monitoring of its suppliers, including finished and semi-finished products manufactured by third parties, such that-

- (a) a Vendor/Supplier Assurance (VA) programme shall exist to control the purchase of raw materials and packaging materials from approved suppliers; this programme shall document all standards and monitoring procedures dealing with primary production, inbound raw material and packaging and transport;
- (b) specifications, based on risk assessment, for raw materials, semi-processed products (where supplied to other factories) and packaging materials shall be documented and implemented; the specification may include detail on analytical, nutritional requirements as well as food safety and hygiene requirements; there shall be a list of approved suppliers;
- (c) appropriate methods of assessment/inspection of suppliers shall be performed with the frequency and type of audit being determined by risk assessment; assessment may take the form of monitoring performance

- through in-house checks, certificates of analysis or extend to supplier inspection, as appropriate;
- (d) supplier assessment shall include the suppliers' ability to trace back to their supplier, evaluation of HACCP systems, product safety information and legal requirements; the methods and frequency of assessment shall be based on formal risk assessment; and
- (e) the procedures shall define how materials of unknown origin are handled.

27. (24) The Manufacturer shall operate procedures for monitoring the quality and safety of raw material at delivery, such that -

- (a) each feed material, additive and packaging material shall have a written specification which is regularly updated; in addition to the nutritional and analytical characteristics of the feed material, this written specification shall include a list of approved origins and sources, details of any processing that the material has undergone, types of feedstuffs in which its use is approved, notes on any hazards or limitations on its use and any special characteristics of the feed material;
- (b) Monitoring at delivery shall ensure that the feed materials and additives are traceable, conform to quality and safety specifications, delivered by an approved or registered supplier, when the products are covered by an approval or registration procedure;
- (c) a record shall be kept of the origin of each feed material and additive delivered;
- (d) suppliers delivering animal by-products shall meet specific registration, production process and analytical requirements; and
- (e) a raw material/packaging acceptance procedure shall exist and each material shall be checked (against the specification) following a schedule of examination that takes into account its critical importance, as identified by risk assessment, in the final product, for example using certificates of analysis, sampling of the material on arrival.

#### **Substitution of Regulation 28**

17. The Regulations are hereby amended by the substitution of regulation 28 by the following regulation;

28. (1) The Manufacturer shall have a clearly defined and documented quality policy statement and quality objectives, such that -

- (a) the policy shall state the manufacturer's intentions to meet its obligations to produce safe products, and its responsibility to its customers; the policy shall also include the commitment of continuously improving the effectiveness of the quality management system;
- (b) quality objectives shall be established, implemented and reviewed; targets shall be defined and quality indicators shall be monitored in order to follow quality performance and trends; a regular evaluation of the data shall be a critical tool for continuous improvement of products and services which are delivered to the customer;
- (c) the manufacturer's Directors and Senior Management shall demonstrate commitment to the implementation of the manufacturer Quality Policy; and
- (d) the policy and the objectives, as well as the actual quality performance/trends shall be communicated throughout the company, and regularly reviewed.



28. (2) The Manufacturer shall have a Quality Manual which states the manufacturer's commitment to quality and which covers the requirements to Good Practice, such that-

- (a) the Quality Manual shall contain an outline of working methods and practices that meet the requirements of these regulations; and
- (b) the requirements specified within the Quality Manual shall be fully implemented.

28. (3) The Manufacturer shall have an organisational structure, clearly defined and documented, reflecting the effectiveness of all the required tasks and detailing personal responsibility and reporting relationships of the staff involved in the production process; in particular those activities affecting product safety and quality, such that-

- (a) the manufacturer's Directors shall be responsible for manufacturer policy and objectives, and shall provide adequate resources and investment to ensure product safety and quality; a qualified person responsible for quality and food safety shall be designated;
- (b) the manufacturer's Directors shall ensure that all employees are aware of their responsibilities and mechanisms are in place either to monitor the effectiveness of their operation and/or to trigger corrective actions;
- (c) the manufacturer shall ensure that levels of responsibility and accountability are clearly defined for key staff involved with the production process, product safety, legality and quality systems; to this end, job descriptions and an organisation chart setting out qualifications and responsibilities of the supervisory staff shall be drawn up and made available to the Registrar for inspection; a qualified person responsible for production shall be designated; there shall be appropriate arrangements in place to cover for the absence of key staff;
- (d) the manufacturer shall have a system in place to ensure that it is kept informed of all relevant legislation, food safety issues as well as, legislative, scientific and technical developments; and
- (e) the manufacturer shall ensure that adequate resources are available for training all employees, in particular new employees.

28. (4) The Management shall review the quality management system on a regular basis, such that-

- (a) senior management shall review the organisation's quality management system, at planned intervals, to ensure its continuing adequacy and effectiveness; this review shall include an assessment of any opportunity for improvement, as well as an assessment of the need to change the quality management system, including the quality policy and quality objectives.

28. (5) The Manufacturer shall have, and operate in accordance with written detailed procedures, instructions, and reference documents to cover all relevant aspects of product safety and quality, such that -

- (a) documents shall be clearly legible, unambiguous and sufficiently detailed to enable effective use by appropriate personnel, and shall be readily accessible at all times.

28. (6) The Manufacturer shall ensure that all documents, records and data critical to the management of product safety and quality, are in place and effectively controlled, such that-

- (a) the Manufacturer shall keep in a register, relevant data comprising details of purchase, transport, production and sales for effective tracing from receipt to delivery;
- (b) the documentation relating to the manufacturing process shall be designed to define and control the critical points in the manufacturing process and to establish and implement a quality control plan;

- (c) the commercial documents and health certificates shall be kept for a period of at least 2 years for presentation to the registrar; and
- (d) all documents in use shall be properly authorised and be the versions as issued by the manufacturer.

28. (7) The Manufacturer shall maintain records to demonstrate the effective control of product safety and quality. These records shall include product samples as appropriate, such that-

- (a) the manufacturer shall have access to a laboratory with adequate staff and equipment;
- (b) a quality control plan shall be drawn up in writing and implemented, to include, in particular, checks on the critical points, sampling procedures and frequencies, methods of analysis and their frequency, compliance with the specifications;
- (c) The manufacturer shall operate procedures for collation, review, maintenance, storage and retrieval of all records appertaining to product safety and quality; and
- (d) the records shall be retained in good condition, for an appropriate defined period, but not less than two years.

28. (8) The Manufacturer shall have in place a procedure to inform, as appropriate, the Registrar in case of hazards related to the product, such that-

- (a) the manufacturer processing animal by-products shall inform the Registrar, should the laboratory examination of samples or any other information available reveal the existence of a serious animal health or public health hazard;
- (b) the manufacturer processing stock remedies into feed shall inform the Registrar, should the laboratory examination of samples or any other information available reveal the existence of a serious animal health or public health hazard;
- (c) the manufacturer processing contaminated animal feed shall inform the Registrar, should the laboratory examination of samples or any other information available reveal the existence of a serious animal health or public health hazard; and
- (d) the manufacturer processing animal containing undesirable substances shall inform the Registrar, should the laboratory examination of samples or any other information available reveal the existence of a serious animal health or public health hazard.

28. (9) The Manufacturer shall ensure that appropriate specifications exist for-

- (a) raw materials;
- (b) packaging materials;
- (c) processing;
- (d) finished products;
- (e) intermediate/semi-processed products (where appropriate);
- (f) transport & Warehouse;

28. (10) The Manufacturer shall ensure that specifications according to regulation 27(9) shall be adequate, accurate, and shall ensure compliance with Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) and Trade Metrology Act, 1973 (Act 77 of 1973).

28. (11) The Manufacturer shall monitor information relating to customer perception, such as whether the customer requirements have been met or not, such that -

- (a) a method for obtaining information on customer satisfaction and how to use the information shall be determined by the manufacturer; and

- (b) key performance indicators (KPI) on customer satisfaction are used as an important tool for continuous improvement of the product and service delivered; such KPIs shall be developed in agreement with the customer, whenever possible.

28. (12) The Manufacturer shall audit those systems and procedures, which are critical to product safety and quality, to ensure they are in place, appropriate and complied with, such that-

- (a) internal audits shall be carried out by competent auditors, who shall be independent of the area of operation being assessed; and
- (b) documentary results of the internal audit shall be brought to the attention of the personnel responsible for the activity audited; corrective actions and time-scales for their implementation shall be agreed.

28. (13) The Manufacturer shall, when necessary, put in place investigation on processes to assess the cause of significant non-conformity with standards, specifications and procedures, which are relevant to product safety (according to HACCP principles and procedures) and quality, such that-

- (a) causes of problems, when clearly identified, shall be used to re-engineer processes and/or procedures to avoid recurrence of the non-conformity; this information shall also, whenever possible, be used to predict potential problems and to amend working practices to ensure that problems do not occur;
- (b) corrective actions shall be undertaken in a timely manner to prevent a re-occurrence of the non-conformity;
- (c) corrective actions shall be accurately documented, assigning responsibility and accountability;
- (d) HACCP is the recommended tool when taking preventive actions; a careful and detailed assessment of hazards from the product development stage up to consumption shall be performed for all products; and
- (e) changes in existing or new production lines, equipment or products, shall be based on HACCP study/review.

28. (14) The Manufacturer shall have a system in place for the registration and management of product complaints, such that-

- (a) the manufacturer shall implement a system for registering and processing complaints and a system for the prompt recall of products in the distribution network; recalled products shall only be put back into circulation after undergoing a quality-control reassessment;
- (b) appropriate actions to the seriousness and frequency of the problems identified, shall be carried out promptly and effectively;
- (c) complaint records and data shall, where appropriate, be used to improve the product safety and quality, and seek to avoid a reoccurrence;
- (d) Pet Food safety complaints shall be evaluated in the light of the current HACCP plan and the defined Critical Control Points; the evaluation may lead to a review of the HACCP plan; and
- (e) livestock feeds complaints shall be evaluated in light of good manufacturing practices.

28. (15) The Manufacturer shall continuously improve the quality management system, such that-

- (a) the Manufacturer shall continuously improve the effectiveness of the quality management system through the use of the quality policy, quality objectives, audit results, analysis of data, corrective and preventive actions, management review and maintaining up to date documentation.

**Substitution of Regulation 36(2)**

18. The Regulations are hereby amended by the substitution of regulation 36(2) by the following regulation

36. (2) Laboratories performing such analyses shall be accredited by South African Accreditation System (SANAS) to perform such specific analyses or be accredited by an organisation that is a member of the International Laboratory Accreditation Cooperation (ILAC) to perform such specific analyses.

**Substitution of Regulation 39(2)**

19. The Regulations are hereby amended by the substitution of regulation 39(2) by the following regulation;

39. (2) Any fee payable in terms of these regulations shall be paid by means of a cheque, postal order, money order in favour of the Director-General: Agriculture, Reference: Farm Feeds; if such payment is delivered by hand, they may be paid in cash in which case a receipt shall be issued, and if such fees are paid electronically through an Electronic Transfer Account payment shall be made as follows;

Account name: NDA-ACT36 of 1947  
 Account number: 11203102  
 Reference: 11F1  
 Branch code: 010845  
 Branch name: Arcadia  
 Bank name: Standard Bank

*Substitution of Table 3 of the Regulations*

**13. The Regulations are hereby amended by the substitution of Table 3 with the following table;**

**TABLE 3**  
**PROHIBITED INGREDIENTS**  
**[REG. 11(4) (d)]**

- |   |
|---|
| <ol style="list-style-type: none"> <li>1. Faeces, urine as well as separated digestive tract content resulting from the emptying of or removal of the digestive tract.</li> <li>2. Processed hide and hide treated with tanning substances, including its waste.</li> <li>3. Seeds and other plant propagating materials which, after harvest, have undergone specific treatment with plant protection products for their intended use (propagation), and any derived by-products.</li> <li>4. Wood, sawdust and other materials derived from wood treated with wood protection products.</li> <li>5. Sludge from sewage plants treating waste waters.</li> <li>6. Solid urban waste, such as household waste.</li> <li>7. Untreated waste from eating places.</li> <li>8. The packaging and parts of packaging or the use of products from the agri-food industry.</li> <li>9. Untreated or unsterilized poultry litter</li> <li>10 Processed hair and its by-product</li> </ol> |
|---|

*Substitution of Table 5 of the Regulations*

**14. The Regulations are hereby amended by the substitution of Table 5 with the following table;**

**TABLE 5**  
**NUTRIENT REQUIRMENTS FOR COMPLETE DOG FOOD –UNITS PER 100g DRY MATTER**  
**(DM)**  
**(Based on ≥ 70% digestibility)**  
**(REG. 17)**

Nutrient	UNIT	Adult	Early Growth (<14 weeks) & reproduction	Late Growth (≥ 14 weeks)	Maximum limit
<b>Protein*</b>	<b>g</b>	<b>18.00</b>	<b>22.50</b>	<b>22.00</b>	<b>-</b>
Arginine*	g	0.52	0.79	0.71	-
Histidine*	g	0.23	0.39	0.25	-
Isoleucine	g	0.46	0.65	0.50	-
Leucine	g	0.82	1.29	0.80	-
Lysine*	g	0.42	0.88[max 2.80]	0.7[max 2.80]	-
Methionine*	g	0.31	0.35	0.26	-
Methionine-cystine*	g	0.62	0.70	0.53	-
Phenylalanine	g	0.54	0.65	0.50	-
Phenylalanine-tyrosine*	g	0.89	1.30	1.00	-
Threonine	g	0.52	0.81	0.64	-
Tryptophan	g	0.17	0.23	0.21	-
Valine	g	0.59	0.68	0.56	-
<b>Fat*</b>	<b>g</b>	<b>5.5</b>	<b>8.50</b>	<b>8.50</b>	<b>-</b>
Linoleic acid n-6	g	1.32	1.30[max 6.50]	1.30	-
Arachidonic acid	mg	-	30.00	30.00	-
Alpha-linoleic acid*	g	-	0.08	0.08	-
EPA + DHA*	g	-	0.05	0.05	-
<b>Fibre</b>	<b>g</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5</b>
<b>Minerals</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Calcium*	g	0.50[max 2.5]	1.00[max 1.6]	0.80[max 1.8]	-
Phosphorus	g	0.40[max 1.60]	0.90	0.70	-
Ca / P ratio		1/1-2/1	1/1-1.5/1	1/1-1.5/1	-
Potassium	g	0.50	0.44	0.6	-
Sodium*	g	0.10[max 1.8]	0.22	0.22	-
Chloride	g	0.15[max 2.25]	0.29	0.33	-
Magnesium	g	0.07	0.04	0.04	-
<b>Trace elements*</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Copper*	mg	0.72	1.10	1.10	2.8
Iodine*	mg	0.11	0.09	0.15	1.1
Iron*	mg	3.60	8.80	8.80	142
Manganese	mg	0.58	0.56	0.56	17.0
Selenium*	mg	30.0	35.00	35.00	56.8
Zinc*	mg	7.2	10.0[max 100]	10.0[max 100]	28.4
<b>Vitamins</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Vitamin A	IU	500[max 40,000]	500[max 40,000]	500[max 40,000]	-
Vitamin D	IU	50.0[max 320]	55.2[max 320]	50.0[max 320]	227
Vitamin E	IU	3.60	3.00	5.00	-
Thiamine	mg	0.23	0.14	0.14	-
Riboflavin*	mg	0.60	0.53	0.53	-
Pantothenic acid	mg	1.00	1.50	1.50	-
Vitamin B6 (pyridoxine)	mg	0.15	0.15	0.15	-
Vitamin B12	µg	2.20	3.50	3.5	-
Niacin	mg	1.10	1.70	1.7	-
Folic Acid	µg	18.00	27.0	27.0	-

Biotin*	µg	-	-	-	-
Choline	mg	120	170	170	-
Vitamin K*	µg	-	-	-	-

**Table 5 (continued – explanations)**  
**Substantiation of nutrient recommendations for dogs**

**- How to read the tables -**

Values are expressed as follows: recommended value [nutritional maximum]

The maximum levels of nutrients are listed in a separate column (right column), because they apply to all life stages. For commercial dog food it is recommended that the nutrient levels are at or above the levels listed in the table and do not exceed the nutritional or maximum limit.

**Conversion factors:**

units/1000kcal  $\leftarrow$  x 2.5 units/100g DM x 0.598  $\rightarrow$  Units/MJ

units/100g DM  $\leftarrow$  x 0.4 units/1000kcal x 0.239  $\rightarrow$  Units/MJ

units/100g DM  $\leftarrow$  x 1.6736 Units/MJ x 4.184  $\rightarrow$  units/1000kcal

These conversions assume an energy density of 16.7kJ (4.0kcal) ME/g DM. For foods with energy densities different from this value, the recommendations shall be corrected for energy density. Specific recommendations for nutrient intake during reproduction are only available for a few nutrients. Hence, until more data becomes available, recommendations in the tables combine early growth and reproduction for dogs.

**GENERAL**

1. Amino acids, trace elements, vitamins (Adult dogs): Unless indicated with an \* and substantiated hereafter, the values recommended for adult dogs are the levels recommended by NRC 2006 increased by 20% to compensate for the lower energy requirement of household dogs compared to the energy intake assumed by NRC.

**PROTEIN Total protein**

1 Total protein (Adult dogs): NRC-2006 RA of 25g/1000kcal for adult dogs is based on Sanderson *et al.* (2001). However the diet in this study had a high protein digestibility and the energy intake was around 130kcal/KgBW<sup>0.75</sup>. FEDIAF has adjusted the protein value to take into account a digestibility of 75% and added a further 20% to account for lower energy intakes for pet dogs, giving a FEDIAF RA of 40g/1000kcal. This value has been increased to 45g/1000kcal to cover requirements of older dogs. This is equivalent to 18g per 100g DM (10.8 g/MJ). If formulating below 18g protein/100g it is particularly important to ensure that the amino acid profile meets FEDIAF guidelines for adult maintenance.

**Arginine**

1. Arginine (All life stages): The arginine requirement increases with increased protein content owing to its role as an intermediate in the urea cycle. For every gram of crude protein above the stated values, an additional 0.01g of arginine is required

**Lysine**

1. Lysine (nutritional maximum for puppies): Czarnecki *et al.* (1985) showed that excess dietary lysine (4.91% DM [basal diet 0.91% + 4% from a supplement]) decreases weight gain in puppies but not 2.91 % DM (basal diet + 2% from a supplement). It was concluded that the highest no-effect-level of lysine for puppies was 2.91% DM (energy density 4156 kcal/kg). This is equivalent to 7.0 g/1000 kcal or 2.8% DM (at 4 kcal/g DM) and this is therefore the FEDIAF maximum for puppy growth.

**Methionine-cystine**

1. Methionine-cystine (Adult dogs): The recommended values are based on a dog food containing a very low taurine content, i.e. <100 mg/kg dry matter a. For products containing higher levels of taurine the RA for sulphur amino acids can be lower than the values quoted in the table.

**Tyrosine**

1. Tyrosine (All life stages): For maximisation of black hair colour, the tyrosine content may need to be 1.5 to 2 times higher than the amount stated.

**FAT Total fat**

1 Total fat (All life stages): Dogs fed foods containing normal levels of protein tolerate very high levels of fat (e.g. sled dogs). However, very high fat foods with very low protein content have been linked with adverse effects in dogs.

**Omega 3 and 6 fatty acids**

1. Omega-3 and Omega-6 polyunsaturated long chain fatty acids (Growth & Reproduction) DHA are the preferred substrate for retinal uptake in early development when the demand for DHA is greatest. For neural development arachidonic acid (AA) is also important. Supplementation with  $\alpha$ -linolenic acid and linoleic acid during gestation and lactation is an ineffective means of increasing the milk content of DHA and AA respectively to supply enough for neonatal nutritional modifications but, it is thus preferable to have small amounts of DHA and/or EPA, as well as AA in foods for growth and reproduction a Bauer *et al.* Retinal functions of young dogs are improved and maternal plasma phospholipids are altered with diets containing long-chain n-3 PUFA during gestation, lactation and after weaning.

**MINERALS****Calcium**

1. Calcium (Adult dogs): As the calcium level approaches the stated nutritional maximum, it may be necessary to increase the levels of certain trace elements such as zinc and copper.

2. Calcium (RA for puppies): A calcium level of 0.8g/100gDM has been shown to be adequate for growing dogs. However, this level has been reported to be marginal for some breeds particularly during the fast growing phase (particularly breeds with lower energy requirements). Therefore FEDIAF recommends a level of 1.0g/100g DM for early growth and 0.8g/100g DM for later growth.

3. Calcium (Maximum for puppies): High intake of calcium has an adverse effect on skeletal development in large breed dogs, particularly during the early growth phase. Therefore a strict nutritional maximum is recommended for foods intended for large breed puppies. Weber *et al.* showed that when feeding a balanced food, a calcium level of 1.6 % DM from 9 weeks of age does not cause side effects. During later growth up to 1.8% DM can be fed to all breed dogs including giant breeds with the exception of great Danes. This breed may be more susceptible and it is preferable to continue.

**Sodium**

1. Sodium (Adult dogs): Studies in dogs have demonstrated that 45.4 mg / MJ (0.19g / 1000kcal) sodium is adequate for all life stages

2. Sodium (Adult dogs): Studies in dogs have demonstrated that foods containing 2% of sodium (DM) may result in negative potassium balance, it is reasonable to set the safe nutritional maximum at 1.8% DM.

**TRACE ELEMENTS****General**

1. General Manufacturers are reminded that the bioavailability of trace-elements is reduced by a high content of certain minerals (e.g. calcium), the level of other trace elements (e.g. high zinc decreases copper absorption) and sources of phytic acid (e.g. some soy products).

**Copper**

1. Copper (General): Owing to its low availability copper oxide shall not be considered as a copper source.

**Iodine**

1. Iodine: From studies by Castillo *et al.* A low nutritional maximum for iodine in dogs (0.4mg/100gDM) was recommended. However in these studies puppies were significantly overfed (approx. 75% above energy requirement) which resulted in a substantially increased intake of iodine. Furthermore the food was deficient in a number of key nutrients, e.g. Ca, P and K, and therefore inappropriate for puppies. Consequently, these results are irrelevant for normal commercial nutritionally balanced foods, and the existing legal maximum is safe for all dogs.

**Iron**

1. Iron: Because of very poor availability, iron from oxide or carbonate salts that are added to the diet shall not be considered sources contributing to the minimum nutrient level.

**Selenium**

1. Selenium (Adult dogs): There are no data available about the exact requirements for selenium of adult dogs. However, according to experts the availability of and requirement for selenium in dogs are similar to those in the cat. Therefore, the recommended allowance for cats is used for dogs until more information becomes available.

**Zinc**

1. Zinc (Growth): A pet food containing 5 mg zinc per 100g DM is sufficient to meet the requirements for growing puppies.

**VITAMINS****Vitamin A**

1. Vitamin A: The FEDIAF maximum is based on the studies reported by Hathcock *et al.*, Goldy *et al.* and Cline *et al.* in adult dogs. The value is 80% of the dose that Goldy *et al.* identified "as may be approaching a level that challenges the dog's ability to maintain normal vitamin A homeostasis" and about 45% of the no adverse-effect intake established by Cline *et al.* over one year (no detrimental effects on bone health). Furthermore Hathcock *et al.* reported an intake at least three times the FEDIAF nutritional maximum as safe in adult dogs fed for ten months (body growth and haematological indices unaffected). In view of these data the FEDIAF maximum is considered appropriate for all life stages.

**2. Vitamin A**

(Puppies): There is no evidence so far that the nutritional maximum for puppies shall be different from the current nutritional maximum for adults. This value has been used in this guide for at least 10 years and has never given rise to any problems in growing dogs. Nevertheless, the industry is actively investigating whether puppies behave similarly to adult dogs with regard to vitamin A metabolism.

**Vitamin D**

1. Vitamin D: Studies in Great Dane puppies showed that a dietary vitamin D level of 435 IU/100g DM can affect Ca absorption and may stimulate endochondral ossification disturbances. a, b. Therefore, 320 IU per 100g DM shall be the nutritional maximum for growing giant breed dogs. Based on differences in cholecalciferol metabolism between giant breed and small breed puppies



puppies, 425 IU/100g DM can be considered a safe nutritional maximum for small breed puppies. Since there is no information on maximum safe intakes for adult dogs and breeding bitches, FEDIAF recommends the same nutritional maximum for other life stages as those indicated for puppies.

#### Vitamin K

1. Vitamin K: does not need to be added unless diet contains antimicrobial or anti-vitamin compounds.

#### Riboflavin

1. Riboflavin: Based on erythrocyte glutathione reductase activity coefficient (EGRAC) Cline *et al.* determined that the riboflavin requirement for the adult dog at maintenance is 66.8µg/kg BW per day, when feeding a semi-purified diet. This corresponds with about 0.6 mg/100g DM for practical pet foods by including a safety margin of 25%.

#### Substitution of Table 6 of the Regulations

15. The Regulations are hereby amended by the substitution of Table 6 with the following table;

**TABLE 6**  
**NUTRIENT REQUIRMENTS FOR COMPLETE CAT FOOD PER 100g DRY MATTER (DM)**  
**(Based on ≥ 70 % digestibility)**  
**(REG. 17)**

Nutrient	UNIT	Adult	Growth & reproduction	Maximum limit
<b>Protein*</b>	<b>g</b>	<b>62.50</b>	<b>70.00/75.00</b>	-
Arginine*	g	2.50	2.68/2.78[max kittens 8.75]	-
Histidine	g	0.75	0.83	-
Isoleucine	g	1.24	1.35	-
Leucine	g	2.93	3.20	-
Lysine	g	0.98	2.13	-
Methionine*	g	0.49	1.10[max kittens 3.25]	-
Methionine-cystine*	g	0.98	2.20	-
Phenylalanine	g	1.15	1.25	-
Phenylalanine-tyrosine*	g	4.40	4.78	-
Threonine	g	1.50	1.63	-
Tryptophan*	g	0.37	0.40[max kittens 4.25]	-
Valine	g	1.47	1.60	-
Taurine (canned pet food)*	g	0.50	0.63	-
Taurine (dry pet food)*	g	0.25	0.25	-
<b>Fat*</b>	<b>g</b>	<b>22.50</b>	<b>22.50</b>	-
Linoleic acid n-6	g	1.25	1.38	-
Arachidonic acid	mg	15.00	50.00	-
Alpha-linoleic acid*	g	-	0.05	-
EPA + DHA*	g	-	0.03	-
<b>Fibre</b>	<b>g</b>	-	-	<b>4.5</b>
<b>Minerals</b>				-
Calcium*	g	1.48	2.50	-
Phosphorus	g	1.25	2.10	-
Ca / P ratio*		0.65-2	0.65-1.5	-
Potassium	g	1.50	1.50	-
Sodium*	g	0.19[max 4.5]	0.40	-

Chloride	g	0.26	0.75	-
Magnesium	g	0.10	0.13	-
<b>Trace elements*</b>	-			-
Copper*	mg	1.25	2.50	7.1
Iodine*	mg	0.15	0.45	2.8
Iron*	mg	20.00	20.00	355
Manganese	mg	1.25	2.50	42.6
Selenium	mg	75.00	75.00	142
Zinc	mg	18.75[max 150]	18.75	71.0
<b>Vitamins</b>	-			-
Vitamin A*	IU	833.3[max 100,000]	2250.0[max 100,000/83,333]	-
Vitamin D*	IU	62.50[max 7500]	187.5[max 7500]	568
Vitamin E*	IU	9.50	9.50	-
Thiamine	mg	1.40	1.38	-
Riboflavin	mg	1.00	1.00	-
Pantothenic acid	mg	1.44	1.43	-
Vitamin B6 (pyridoxine)*	mg	0.63	1.00	-
Vitamin B12*	µg	5.63	5.00	-
Niacin	mg	10.00	10.00	-
Folic Acid	µg	187.5	200.0	-
Biotin	µg	18.75	17.50	-
Choline	mg	600.0	600.0	-
Vitamin K*	µg	25.00	25.00	-

**Table 6 (continued – explanations)**  
**Substantiation of nutrient recommendations for cats**

**- How to read the tables -**

Values are expressed as follows: recommended value [nutritional maximum]

The maximum levels of nutrients are listed in a separate column (right column), because they apply to all life stages. For commercial cat food it is recommended that the nutrient levels are at or above the levels listed in the table and do not exceed the nutritional or maximum limit.

**Conversion factors:**

units/1000kcal  $\leftarrow$  x 2.5 units/100g DM x 0.598  $\rightarrow$  Units/MJ

units/100g DM  $\leftarrow$  x 0.4 units/1000kcal x 0.239  $\rightarrow$  Units/MJ

units/100g DM  $\leftarrow$  x 1.6736 Units/MJ x 4.184  $\rightarrow$  units/1000kcal

These conversions assume an energy density of 16.7kJ (4.0kcal) ME/g DM. For foods with energy densities different from this value, the recommendations shall be corrected for energy density. Specific recommendations for nutrient intake during reproduction are only available for a few nutrients. Hence, until more data become available, recommendations in the tables combine early growth and reproduction for cats.

**GENERAL**

1. Amino acids, trace elements, vitamins (Adult cats): Unless indicated with an \* and substantiated hereafter, the values recommended for adult cats are the levels recommended by NRC 2006 increased by 20% to compensate for the lower energy requirement of household cats compared to the energy intake assumed by NRC.

## PROTEIN

### Arginine

1. Arginine (All life stages): The arginine requirement increases with increased protein content owing to its role.

2. Arginine (Kittens): Taylor (1995) found that 45 g/kg diet (470 kcal/100 g) was associated with a small decrease in growth rate. NRC therefore set a prudent maximum of 3.5 g/100 g DM (400 kcal/100 g

### Lysine

1. Lysine (Adult cats): The recommended values are based on a study by Burger and Smith showing that adult cats need 0.16 g lysine per MJ ME to maintain a positive N-balance. After adding a safety margin of 20% this corresponds to 0.34% DM or 0.85g per 1000 kcal ME.

### Methionine-cystine

1. Methionine-cystine (Adult cats): The recommended values are based on a study by Burger and Smith showing that adult cats need 0.16 g methionine (without cystine) per MJ ME to maintain a positive N-balance. After adding a safety margin of 20% this corresponds to 0.34% DM or 0.85g per 1000 kcal ME methionine + cystine.

### Tryptophan

1. Tryptophan (kittens): Taylor *et al.* (1998) fed 15 g/kg in a diet containing 450 kcal/100 g with no ill effects. Herwill (1994) fed levels up to 60 g/kg in a diet containing 470 kcal/100 g. 20g/kg was satisfactory but food intake decreased at 40 g/kg; much more severe effects were observed at 60 g/kg. Therefore the maximum can be set at 2 g per 470 kcal or 1.7g per 100g DM (400 kcal/100g).

### Phenylalanine-tyrosine

1. Phenylalanine-tyrosine (All life stages): Diets with a moderate level of phenylalanine + tyrosine but higher than the minimum requirement for growth may cause discolouring of black hair in kittens. This is corrected by feeding a food containing  $\geq 1.8\%$  DM of phenylalanine or a combination of tyrosine and phenylalanine. To maximise black hair colour, the tyrosine level shall be equal or higher than that of phenylalanine.

### Taurine

1. Taurine Studies have shown that the bioavailability is lower when cats are fed a heated-processed canned food. To maintain adequate taurine status, a heat-processed wet cat food needs to contain approximately 2 to 2.5 times more taurine than a dry extruded food; the latter shall contain 0.1% DM taurine.

## FAT

### Omega 3 and 6 fatty acids

1. Omega 3 fatty acids (Growth & Reproduction): The study by Pawlosky *et al.* suggests that juvenile felines it is important that the status of DHA in the nervous system is maintained for optimal retinal function. However, young felines have a low synthetic capacity to produce DHA. Therefore it is recommended to have a small amounts of DHA and/or EPA in foods for growth and reproduction.

1. Omega 3 fatty acids (Adult cats): Although there is increasing evidence of beneficial effects of omega-3 fatty acids, the current information is insufficient to recommend a specific level of omega-3 fatty acids for adult cats.

## MINERALS

### Calcium

1. Calcium FEDIAF value is higher than NRC including a safety margin to take into account the bioavailability of raw materials used.

2. Calcium-to phosphorus ratio (Growth): A calcium-to-phosphorus ratio of  $\geq 0.65$  is appropriate for growing kittens, provided that the calcium and phosphorus levels in the food are at least 0.5% and 0.63% respectively.

### Sodium

1. Sodium (Adult cats): Based on plasma aldosterone concentration, Yu and Morris concluded that the minimum requirement of sodium for maintenance of a Yu S, Morris JG. Sodium requirement of adult cats for maintenance based on plasma aldosterone concentration. In adult cat it is 0.08 % DM at 5.258 kcal ME/g (22kJ). This corresponds with 0.076% at 4 kcal ME/g after adding a safety margin of about 25%.

2. Sodium (Adult cats): In one study with healthy adult cats, no adverse effects were seen when feeding a food with 1.5 % of sodium (DM). The nutritional maximum shall be set at 1.8% DM.

1. Sodium (Growth): Based on plasma aldosterone concentration, Yu and Morris recommended that food for kittens shall contain a minimum of 0.16% DM of sodium at 5.258 kcal ME/g (22kJ). This corresponds with 0.16% at 4 kcal ME/g after adding a safety margin of about 30%.

### Magnesium

1. Magnesium: Studies have demonstrated that 10mg/MJ will maintain adult cats. This value has been doubled to accommodate interactions with other dietary factors.

## TRACE ELEMENTS

### General

1. General Manufacturers are reminded that the bioavailability of trace-elements is reduced by a high content of certain minerals (e.g. calcium), the level of other trace elements (e.g. high zinc decreases copper absorption) and sources of phytic acid (e.g. some soy products).

### Copper

1 Copper (General): Owing to its low availability copper oxide shall not be considered as a copper source.

### Iodine

1. Iodine: Based on the Tc99m thyroid to salivary ratio, Wedekind *et al.* (2005) have shown that the minimum requirement of iodine for the cat is 0.51 mg/kg DM a. The recommended allowance, therefore, can be set at 0.61 mg/kg DM taking into account a safety margin of about 20%.

### Iron

1. Iron: Because of very poor availability, iron from oxide or carbonate salts that are added to the diet shall not be considered sources a NRC absorption and bioavailability of dietary iron in dogs and cats

## VITAMINS

### Vitamin A

1 Vitamin A (Adult cats): The FEDIAF maximum is based on the study reported by Seawright *et al.* in kittens. The FEDIAF maximum of 40,000 IU/100g DM is about 50% of the maximum NOAEL reported by Sea Seawright *et al.* in kittens from 6 to 8 weeks of age fed for 41 weeks. Since kittens are at least equally vulnerable as adults to hypervitaminosis A, this level shall also be safe for adult cats.

2. Vitamin A (Growth and reproduction): Seawright *et al.* reported no adverse effects in kittens from 6 to 8 weeks of age fed for 41 weeks on a vitamin A intake of 50,000 IU/kg BW corresponding to about 90,000 IU per 100g DM. Therefore, FEDIAF's maximum of 40,000 IU/100g DM can be considered safe for growing kittens. Freytag *et al.* reported that feeding food with 100,000 IU/100g DM to pregnant queens caused fatal malformations in kittens. The next lowest value of 2000 IU/100g DM caused no adverse effects. From these data NRC 2006 recommended not to exceed 33,330 IU/100g DM in feeding stuffs intended for reproduction. In view of these data, FEDIAF recommends a maximum vitamin A level of 33,330 IU/100g DM for products designed for reproducing queens.

#### **Vitamin D**

1. Vitamin D: Based on the study of Sih *et al.* (2001), a nutritional maximum of 3000 IU/100 DM (7500 IU/1000 kcal) can be considered safe for cats of all life stages.

#### **Vitamin E**

1. Vitamin E: 10 IU of Vitamin E shall be added above the level recommended in the table per gram of fish oil per kilogram of diet.

#### **Vitamin K**

1. Vitamin K: does not need to be added unless the diet contains anti-microbial or anti-vitamin compounds, or contains more than 25% fish on a DM basis.

#### **Vitamin B6 (Pyridoxine)**

1 Vitamin B6 (All life stages): Requirements of vitamin B6 increase with increasing protein content of the food.

**No. R. 103****19 February 2010****PLANT BREEDERS' RIGHTS ACT, 1976 (ACT No. 15 OF 1976)****REGULATIONS RELATING TO PLANT BREEDERS' RIGHTS: AMENDMENT**

The Minister of Agriculture, Forestry and Fisheries, acting under section 44 of the Plant Breeders' Rights Act, 1976 (Act No. 15 of 1976), has made the regulations set out in the Schedule.

**SCHEDULE****Definition**

1. In this Schedule 'the Regulations' mean the regulations published by Government Notice No. R. 1186 of 12 September 1997, as amended by Government Notices Nos. R. 1582 of 28 November 1997, R. 867 of 3 July 1998, R. 1285 of 16 October 1998, R. 323 of 19 March 1999, R. 604 of 14 May 1999, R. 1271 of 29 October 1999, R. 392 of 20 April 2000, R. 690 of 14 July 2000, R. 1078 of 3 November 2000, R. 387 of 18 May 2001, R. 667 of 27 July 2001, R. 512 of 3 June 2005, R. 545 of 15 June 2006, R. 1272 of 25 November 2008 and R. 287 of 13 March 2009.

**Amendment of Table 1 of the Regulations**

2. Table 1 of the Regulations is hereby amended by the insertion of the entries in Annexure A in the alphabetically correct position.

No. R. 103

19 Februarie 2010

**WET OP PLANTTELEERSREGTE, 1976 (WET NO. 15 VAN 1976)****REGULASIES BETREFFENDE PLANTTELEERSREGTE: WYSIGING**

Die Minister van Landbou, Bosbou en Visserye handelende kragtens artikel 44 van die Wet op Planttelersregte, 1976 (Wet No. 15 van 1976), het die regulasies in die Bylae uitgevaardig.

**BYLAE****Woordomskrywing**

1. In hierdie Bylae beteken 'die Regulasies' gepubliseer in Goewermentskennisgewing No. R 1186 van 12 September 1997, soos gewysig deur Goewermentskennisgewing Nos. R. 1582 van 28 November 1997, R. 867 van 3 Julie 1998, R. 1285 van 16 Oktober 1998, R. 323 van 19 Maart 1999, R. 604 van 14 Mei 1999, R. 1271 van 29 Oktober 1999, R. 392 van 20 April 2000, R. 690 van 14 Julie 2000, R. 1078 van 3 November 2000, R. 387 van 18 Mei 2001, R. 667 van 27 Julie 2001, R. 512 van 3 Junie 2005 en R. 545 van 15 Junie 2006, R. 1272 van 25 November 2008 en R. 287 van 13 Maart 2009.

**Wysiging van Tabel 1 van die Regulasies**

2. Tabel 1 van die Regulasies word hierby gewysig deur die inskrywings in Aanhangsel A in die alfabeties korrekte posisie in te voeg.

## ANNEXURE A

TABLE 1/TABEL 1  
KINDS OF PLANTS AND PERIOD OF RIGHTS  
SOORTE PLANTE EN TERMYNE VAN REGTE  
[Reg. 11; 11 (A)]

1		2	3	4
Kind of plant Soort Plant		Category Kategorie	Period of Plant Breeder's Right (Years) Termyn van Planttelersreg (Jare)	Period of sole Right (Years) Termyn van Alleenreg (Jare)
Botanical Name Botaniese Naam	Common Name Gewone Naam			
<i>Actinidia</i> Lindley (All/Alle spp.)	Kiwifruit	B	25	8
<i>Crocasmia</i> Planchon (All/Alle spp.)	Coppertip/Falling stars	A	20	5
<i>Dahlia</i> Cav. (All/Alle spp.)	Dahlia	A	20	5
<i>Lagerstroemia indica</i> L.	Crape myrtle/ Crepe myrtle	B	25	8
<i>Searsia</i> F.A. Barkley (All/Alle spp.) (= <i>Rhus</i> subgen. <i>Thezera</i> (DC.) K. Koch)	Searsia	B	25	8



No. R. 104

19 February 2010

## PLANT BREEDERS' RIGHTS ACT, 1976 (ACT No. 15 VAN 1976)

## REGULATIONS RELATING TO PLANT BREEDERS' RIGHTS: AMENDMENT

The Minister of Agriculture, Forestry and Fisheries, acting under section 44 van the Plant Breeders' Rights Act, 1976 (Act No. 15 van 1976), has made the regulations in the Schedule.

## SCHEDULE

*Definition*

1. In this Schedule "the Regulations" means the Regulations published by Government Notice No. R. 1186 of 12 September 1997, as amended by Government Notices Nos. R. 1582 of 28 November 1997, R. 867 of 3 July 1998, R. 1285 of 16 October 1998, R. 323 of 19 March 1999, R. 604 of 14 May 1999, R. 1271 of 29 October 1999, R. 392 of 20 April 2000, R. 690 of 14 July 2000, R. 1078 of 3 November 2000, R. 387 of 18 May 2001, R. 667 of 27 July 2001, R. 548 of 10 May 2002, R. 409 of 28 March 2003, R. 465 of 8 April 2004, R. 511 of 3 June 2005, R. 128 of 17 February 2006, R. 40 of 26 January 2007, R. 299 of 13 March 2008 and R. 286 of 13 March 2009.

*Substitution of Table 2 van the Regulations*

2. The following table is hereby substituted for Table 2 van the Regulations with effect from 1 April 2010:

**No. R. 104****19 February 2010****WET OP PLANTTELEERSREGTE, 1976 (WET No. 15 VAN 1976)****REGULASIES BETREFFENDE PLANTTELEERSREGTE: WYSIGING**

Die Minister van Landbou, Bosbou, en Visserye handelende kragtens artikel 44 van die Wet op Planttelersregte, 1976 (Wet No. 15 van 1976), het die regulasies in die Bylae uitgevaardig.

**BYLAE*****Definisie***

2. In hierdie beteken "die Regulasies" gebuliseer by goewermentskennis-gewig No. R. 1186 van 12 September 1997, soos gewysig deur kennisgewing Nos. R. 1582 van 28 November 1997, R. 867 van 3 July 1998, R. 1285 van 16 Oktober 1998, R. 323 van 19 Maart 1999, R. 604 van 14 Mei 1999, R. 1271 van 29 Oktober 1999, R. 392 van 20 April 2000, R. 690 van 14 Julie 2000, R. 1078 van 3 November 2000, R. 387 van 18 Mei 2001, R. 667 van 27 Julie 2001, R. 548 van 10 Mei 2002, R. 409 van 28 Maart 2003, R. 465 van 8 April 2004, R. 511 van 3 Junie 2005, R. 128 van 17 Februarie 2006; R. 40 van 26 Januarie 2007, R. 299 van 13 Maart 2008 en R. 286 van 13 Maart 2009.

***Vervanging van Tabel 2 van die Regulasies***

2. Tabel 2 van die regulasies word hierby deur die table in aanhangsel A vervang met ingang van 1 April 2010:

TABLE 2/TABEL 2

**FEES PAYABLE W.R.T. PLANT BREEDERS' RIGHTS: 1 April 2010/  
GELDE BETAALBAAR M.B.T. PLANTTELEERSREGTE: 1 April 2010**

No.	Purpose/Doel	Amount/Bedrag
1.	An application for the grant of a plant breeder's right/ 'n Aansoek om die toestaan van 'n planttelersreg [Reg. 3(2)(f)]	R1 500,00 each/elk
2.	Examination fee for a plant breeder's right: Category A (agronomic, vegetable and pasture crops and annual ornamentals)/ Ondersoekgeld vir 'n planttelersreg: Kategorie A (akkerbou-, groente- en weidingsgewasse en eenjarige sierplante) [Reg. 3(2)(g) and/en (9)(1)]	R2 500, 00 each/elk
3.a	Examination fee for a plant breeder's right: Category B (fruit, vines, citrus and perennial ornamentals)/ Ondersoekgeld vir 'n planttelersreg: Kategorie B (vrugte, rankplante, sitrus en meerjarige sierplante ) [Reg. 3(2)(g) and/en 9(1)]	R3 300,00 each/elk
3.b	Examination fee for a plant breeder's right: Category B (white and yellow maize)/ Ondersoekgeld vir 'n planttelersreg: Kategorie B (wit en geel mielies) [Reg. 3(2)(g) and/en 9(1)]	R2 800,00 each/elk
4.	A claim to give priority in terms of section 8(2) of the Act to an application for the grant of a plant breeder's right/ 'n Aansoek om ingevolge artikel 8(2) van die Wet voorrang te verleen aan 'n aansoek om die toestaan van 'n planttelersreg [Reg. 4(2)(c)]	R800,00 each/elk
5.	An objection to the grant of a plant breeder's right/ 'n Beswaar teen die toestaan van 'n planttelersreg [Reg. 8(1)(e)]	R4 900,00 each/elk
6.	Provision of results of tests and trials undertaken by the registrar, to the appropriate authority in a convention country or an agreement country/ Voorsiening van resultate van toetse en proewe deur die registrateur onderneem aan die toepaslike gesag in 'n konvensieland of 'n ooreenkomsland [Reg. 9(3)]	Tariff to fluctuate with exchange rate. 350 CHF
7.	Annual fee for a plant breeder's right/ Jaargeld vir 'n planttelersreg [Reg.10(1)]	R270,00 each/elk
8.	An application for the issue of a compulsory licence in respect of a plant breeder's right/ 'n Aansoek om die uitreiking van 'n verpligte lisensie ten opsigte van 'n planttelersreg [Reg. 13(1)(d)]	R4 100,00 each/elk
9.	Notice of the transfer of a plant breeder's right/ Kennisgewing van die oordrag van 'n planttelersreg [Reg. 14(2)(b)]	R670,00 each/elk

No.	Purpose/Doel	Amount/Bedrag
10.	An application for the alteration or supplementation of the denomination approved for a variety/ 'n Aansoek om die wysiging of aanvulling van die benaming goedgekeur vir 'n variëteit [Reg. 15(1)(b)]	R1 600,00 each/elk
11.	An objection against the intended approval of an alteration or supplementation of the denomination approved for a variety/ 'n Beswaar teen die beoogde goedkeuring van 'n wysiging of aanvulling van die benaming goedgekeur vir 'n variëteit [Reg. 15(3)(e)]	R670,00 each/elk
12.	An objection against the intended termination of a plant breeder's right/ 'n Beswaar teen die voorgename beëindiging van 'n planttelersreg [Reg. 16(1)(f)]	R670,00 each/elk
13.	A notice of the voluntary surrender of a plant breeder's right/ 'n Kennisgewing van die vrywillige afstanddoening van 'n planttelersreg [Reg. 17(1)(b)(i)]	Free/Gratis
14.	Inspection of the register of plant breeders' rights/ Insae in die register van planttelersregte [Reg. 20(2)]	Free/Gratis
15.	Inspection of a document submitted to the registrar in connection with an application for the grant of a plant breeder's right	R390, 00 per occasion/ per geleentheid
16.	A copy of any particulars in the register or of a document submitted to the registrar in connection with an application for the grant of a plant breeder's right/ 'n Afskrif van enige besonderhede in die register of van 'n dokument by die registrateur ingedien in verband met 'n aansoek om die toestaan van 'n planttelersreg [Reg. 21(2)]	R8,00 per application plus R1,15 per photocopy / R8,00 per aansoek plus R1,15 per fotokopie
17.	Submission of appeal against any decision or action taken by the registrar in terms of the Act/ Voorlegging van appèl teen enige beslissing van of stappe gedoen deur die registrateur ingevolge die Wet [Reg. 22(1)(d)]	R4 000,00 each/elk.
18.	Examination of samples to determine varietal purity/ Ondersoek van monsters om variëteitsegtheid te bepaal	R2 500,00 (cat./ kat. A) R3 300,00 (cat./ kat. B) R2 800,00 (cat./ kat. B maize/mielies)

No. R. 105

19 February 2010

**DEPARTMENT OF AGRICULTURE, FORESTRY & FISHERIES**  
**PLANT BREEDERS' RIGHTS ACT, 1976**  
 (ACT No. 15 of 1976)

In terms of the provisions of the Plant Breeders' Rights Act, 1976 (Act No. 15 of 1976), it is hereby made known that all aspects of plant breeders' rights, of which the particulars appear in the Schedules herewith, have been accepted for consideration for the granting of plant breeders' rights for the year 2009.

Ms Noluthando Netnou-Nkoana  
 Registrar of Plant Breeders' Rights Act

SCHEDULE

RECEIPTS OF APPLICATIONS FOR PLANT BREEDERS' RIGHTS

**AGRICULTURAL CROPS**

Kind of plant: *Brassica napus* L. (Oil seed rape/Oliesaadraap)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5674	PHB 43C80	PIONEER (133)	PIONEER (411)	2009-03-31
PT 5675	PHB 44C79	PIONEER (133)	PIONEER (411)	2009-03-31

Kind of plant: *Glycine max* (L.) Merrill (Soya bean/Sojaboon)

Application number	Proposed denomination	Applicant	Agent	Date accepted
PT 5772	PAN 1595	PANNAR Seed (Pty) Ltd 1412	PANNAR Seed (Pty) Ltd (1412)	2009-09-02
PT 5784	PHB 95Y40 R	Pioneer Hi-Bred Int. (133)	Pioneer Hi-Bred (411)	2009-09-02
PT 5785	PHB 95Y41 R	Pioneer Hi-Bred Int. (133)	Pioneer Hi-Bred (411)	2009-09-02
PT 5786	PHB 95Y20 R	Pioneer Hi-Bred Int. (133)	Pioneer Hi-Bred (411)	2009-09-02

Kind of plant: *Gossypium hirsutum* L. (Cotton)

Application number	Proposed denomination	Applicant	Agent	Date accepted
PT 5854	DP 210 BRF	Monsanto (1338)	Monsanto SA (80)	2009-10-08
PT 5855	Delta 12 BRF	Monsanto (1338)	Monsanto SA (80)	2009-10-08
PT 5856	Delta 18 RF	Monsanto (1338)	Monsanto SA (80)	2009-10-08
PT 5857	PM 3225 B2RF	Monsanto (1338)	Monsanto SA (80)	2009-10-08

Kind of plant: *Helianthus annuus* L. (Sunflower/Sonneblom)

Application number	Proposed denomination	Applicant	Agent	Date accepted
PT 5731	PHB X65A40	Pioneer Hi-Bred Int. (133)	Pioneer Hi-Bred (411)	2009-07-16
PT 5732	PHB X65A25	Pioneer Hi-Bred Int. (133)	Pioneer Hi-Bred (411)	2009-07-16
PT 5743	Nallimi CL	R2N, France (1371) FR	Agricol (1)	2009-08-03
PT 5744	AGSUN 5571	Agricol (1), NUSEED (1616)	Agricol (1)	2009-08-03
PT 5746	AGSUN 5572	Agricol (1), NUSEED (1616)	Agricol (1)	2009-08-03
PT 5745	AGSUN 5655 HO	Agricol (1), NUSEED (1616)	Agricol (1)	2009-08-03
PT 5750	PAN 7079	Pannar Seed (1412)	Pannar Seed (1412)	2009-09-02
PT 5751	PAN 7080	Pannar Seed (1412)	Pannar Seed (1412)	2009-09-02
PT 5752	PAN 7081	Pannar Seed (1412)	Pannar Seed (1412)	2009-09-02
PT 5753	PAN 7082	Pannar Seed (1412)	Pannar Seed (1412)	2009-09-02
PT 5754	PAN 7083 HO	Pannar Seed (1412)	Pannar Seed (1412)	2009-09-02

Kind of plant: *Hordeum* L. (Barley/Gars)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5709	SabbiErica	Sabbi (1187)	Sabbi (1187)	2009-06-18

PT 5710	SabbiNemesia	Sabbi (1187)	Sabbi (1187)	2009-06-16
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Kind of plant: *Nicotiana tabacum* L. (Tabacco/Tabak)

Application number	Proposed denomination	Applicant	Agent	Date accepted
PT 5730	PVY 3	LARS (1402) SA	LARS (1402) SA	2009-07-09

Kind of plant: *Phaseolus vulgaris* L. (Dry bean/Droëboon)

Application number	Proposed denomination	Applicant	Agent	Date accepted
PT 5826	Tygerberg	ARC-GCI (254)	ARC-GCI (254)	2009-09-09
PT 5827	Werna	ARC-GCI (254)	ARC-GCI (254)	2009-09-09
PT 5832	PAN 9292	Pannar Seed (1412)	Pannar Seed (1412)	2009-08-03
PT 5833	PAN 9298	Pannar Seed (1412)	Pannar Seed (1412)	2009-08-03

Kind of plant: X *Triticosecale* Witt. (Triticum x Secale) (Triticale/Tritikale, Korog)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5671	US 2009	UNIV S/BOSCH (349)	UNIV S/BOSCH (349)	2009-03-20

Kind of plant: *Triticum* L. (Wheat/Koring)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5672	SST 374	SENSAKO (24)	SENSAKO (24)	2009-03-24
PT 5673	SST 387	SENSAKO (24)	SENSAKO (24)	2009-03-24
PT 5676	PAN 3471	PANNAR (33)	PANNAR (33)	2009-03-31
PT 5677	PAN 3379	PANNAR (33)	PANNAR (33)	2009-03-31
PT 5678	PAN 3478	PANNAR (33)	PANNAR (33)	2009-03-31
PT 5689	SST 867	Sensako (24)	Sensako (24)	2009-05-06
PT 5690	SST 875	Sensako (24)	Sensako (24)	2009-05-06
PT 5691	SST 877	Sensako (24)	Sensako (24)	2009-05-06
PT 5692	SST 878	Sensako (24)	Sensako (24)	2009-05-06
PT 5693	SST 087	Sensako (24)	Sensako (24)	2009-05-06
PT 5712	Sabie	ARC SGI (254)	ARC SGI (254)	2009-05-09

Kind of plant: *Saccharum officinarum* L. (Sugar cane/Suikerriet)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5687	N 49	SA Sugar Ass. (941)	SA Sugar Ass. (941)	2009-04-16
PT 5688	N 50	SA Sugar Ass. (941)	SA Sugar Ass. (941)	2009-04-16

Kind of plant: *Solanum tuberosum* L. (Potato/Aartappel)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5707	Romanze	Norika, DE (1295)	Dwen CP (1329)	2009-06-18
PT 5708	Aktiva	Norika, DE (1295)	Dwen CP (1329)	2009-06-18
PT 5858	Monarch	HZPC, Holland BV (1360)	W FS Seed-potato Growers (235)	2009-10-14
PT 5859	Sagitta	HZPC, Holland BV (1360)	W FS Seed-potato Growers (235)	2009-10-14
PT 5860	Opera	HZPC, Holland BV (1360)	W FS Seed-potato Growers (235)	2009-10-14
PT 5861	Taurus	HZPC, Holland BV (1360)	W FS Seed-potato Growers (235)	2009-10-14
PT 5862	Challenger	HZPC, Holland BV (1360)	W FS Seed-potato Growers (235)	2009-10-14
PT 5895	Elektra	Irish Potato Marketing (517)	Rascal Seed Labs (1434)	2009-12-14
PT 5896	Kikko	Irish Potato Marketing (517)	Rascal Seed Labs (1434)	2009-12-14
PT 5897	Nectar	Irish Potato Marketing (517)	Rascal Seed Labs (1434)	2009-12-14
PT 5898	Savannah	Irish Potato Marketing (517)	Rascal Seed Labs (1434)	2009-12-14
PT 5899	Setanta	Irish Potato Marketing (517)	Rascal Seed Labs (1434)	2009-12-14

Kind of plant: *Sorghum bicolor* (L.) Moench (Grain sorghum/Graansorghum)

<b>Application number</b>	<b>Proposed denomination</b>	<b>Applicant</b>	<b>Agent</b>	<b>Date accepted</b>
PT 5760	PAN 8907 T	Pannar Seed (1412)	Pannar Seed (1412)	2009-09-02
PT 5761	PAN 8908	Pannar Seed (1412)	Pannar Seed (1412)	2009-09-02
PT 5762	PAN 8909	Pannar Seed (1412)	Pannar Seed (1412)	2009-09-02
PT 5763	PAN 8914	Pannar Seed (1412)	Pannar Seed (1412)	2009-09-02
PT 5764	PAN 8911	Pannar Seed (1412)	Pannar Seed (1412)	2009-09-02
PT 5765	PAN 8912	Pannar Seed (1412)	Pannar Seed (1412)	2009-09-02
PT 5766	PAN 8913	Pannar Seed (1412)	Pannar Seed (1412)	2009-09-02
PT 5767	PAN 8966	Pannar Seed (1412)	Pannar Seed (1412)	2009-09-02

Kind of plant: *Zea mays* L. (White grain maize/Witgraanmielie)

<b>Application number</b>	<b>Proposed denomination</b>	<b>Applicant</b>	<b>Agent</b>	<b>Date accepted</b>
PT 5775	PAN 53	PANNAR Seed (1412)	PANNAR Seed (1412)	2009-09-02
PT 5776	PEX 223	PANNAR Seed (1412)	PANNAR Seed (1412)	2009-09-02
PT 5777	PEX 225	PANNAR Seed (1412)	PANNAR Seed (1412)	2009-09-02
PT 5779	PEX 269	PANNAR Seed (1412)	PANNAR Seed (1412)	2009-09-02
PT 5790	P2369W	Pioneer Hi-Bred Int. (133)	Pioneer Hi-Bred (411)	2009-09-02
PT 5793	PHB 3X8D241W	Pioneer Hi-Bred Int. (133)	Pioneer Hi-Bred (411)	2009-09-02
PT 5795	PHB 3X8F414W	Pioneer Hi-Bred Int. (133)	Pioneer Hi-Bred (411)	2009-09-02
PT 5805	PHB 3X4C357W	Pioneer Hi-Bred Int. (133)	Pioneer Hi-Bred (411)	2009-09-02
PT 5812	PHB 3X8F415W	Pioneer Hi-Bred Int. (133)	Pioneer Hi-Bred (411)	2009-09-02
PT 5814	PHB 3X8D243W	Pioneer Hi-Bred Int. (133)	Pioneer Hi-Bred (411)	2009-09-02
PT 5815	PHB 3X8D242W	Pioneer Hi-Bred Int. (133)	Pioneer Hi-Bred (411)	2009-09-02

Kind of plant: *Zea mays* L. (White grain maize/Witgraanmielie) - GMO

<b>Application number</b>	<b>Proposed denomination</b>	<b>Applicant</b>	<b>Agent</b>	<b>Date accepted</b>
PT 5781	PEX 649 R	PANNAR Seed (1412)	PANNAR Seed (1412)	2009-09-02
PT 5782	PEX 671 R	PANNAR Seed (1412)	PANNAR Seed (1412)	2009-09-02
PT 5783	PEX 777 BR	PANNAR Seed (1412)	PANNAR Seed (1412)	2009-09-02
PT 5787	PHB 32B09 R	Pioneer Hi-Bred Int. (133)	Pioneer Hi-Bred (411)	2009-09-02
PT 5791	PHB 3X8C149WT B	Pioneer Hi-Bred Int. (133)	Pioneer Hi-Bred (411)	2009-09-02
PT 5806	PHB 3X8C148WT B	Pioneer Hi-Bred Int. (133)	Pioneer Hi-Bred (411)	2009-09-02
PT 5809	PHB 3X8F610WT BR	Pioneer Hi-Bred Int. (133)	Pioneer Hi-Bred (411)	2009-09-02
PT 5810	PHB 3X8F609WT B	Pioneer Hi-Bred Int. (133)	Pioneer Hi-Bred (411)	2009-09-02
PT 5829	DKC 77-85 B	Monsanto SA (80)	Monsanto SA (80)	2009-09-22

Kind of plant: *Zea mays* L. (Yellow grain maize/Geelgraanmielie)

<b>Application number</b>	<b>Proposed denomination</b>	<b>Applicant</b>	<b>Agent</b>	<b>Date accepted</b>
PT 5778	PEX 260	PANNAR Seed (1412)	PANNAR Seed (1412)	2009-09-02
PT 5780	PEX 294	PANNAR Seed (1412)	PANNAR Seed (1412)	2009-09-02
PT 5792	PHB 3X8C153	Pioneer Hi-Bred Int. (133)	Pioneer Hi-Bred (411)	2009-09-02
PT 5794	PHB 3X8D245	Pioneer Hi-Bred Int. (133)	Pioneer Hi-Bred (411)	2009-09-02
PT 5796	PHB 3X8F423	Pioneer Hi-Bred Int. (133)	Pioneer Hi-Bred (411)	2009-09-02
PT 5797	PHB 3X8F422	Pioneer Hi-Bred Int. (133)	Pioneer Hi-Bred (411)	2009-09-02
PT 5800	PHB 31D24	Pioneer Hi-Bred Int. (133)	Pioneer Hi-Bred (411)	2009-09-02
PT 5807	PHB 3X8C152	Pioneer Hi-Bred Int. (133)	Pioneer Hi-Bred (411)	2009-09-02
PT 5808	PHB 3X8C155	Pioneer Hi-Bred Int. (133)	Pioneer Hi-Bred (411)	2009-09-02
PT 5811	PHB 3X8F418	Pioneer Hi-Bred Int. (133)	Pioneer Hi-Bred (411)	2009-09-02
PT 5813	PHB 3X8D248	Pioneer Hi-Bred Int. (133)	Pioneer Hi-Bred (411)	2009-09-02
PT 5828	DKC 73-72	Monsanto SA (80)	Monsanto SA (80)	2009-09-22

Kind of plant: *Zea mays* L. (Yellow grain maize/Geelgraanmielie) - GMO

<b>Application number</b>	<b>Proposed denomination</b>	<b>Applicant</b>	<b>Agent</b>	<b>Date accepted</b>
PT 5768	PHB 3X1163RX BR	Pioneer Hi-Bred (133)	Pioneer Hi-Bred RSA (411)	2009-09-02
PT 5769	PHB 3X5H174R R	Pioneer Hi-Bred (133)	Pioneer Hi-Bred RSA (411)	2009-09-02
PT 5770	PHB 3X8D555R R	Pioneer Hi-Bred (133)	Pioneer Hi-Bred RSA (411)	2009-09-02

PT 5771	PHB 3X6H922T B	Pioneer Hi-Bred (133)	Pioneer Hi-Bred RSA (411)	2009-09-02
PT 5788	PHB 34N44 B	Pioneer Hi-Bred (133)	Pioneer Hi-Bred (411)	2009-09-02
PT 5789	PHB 34Y01 R	Pioneer Hi-Bred Int. (133)	Pioneer Hi-Bred (411)	2009-09-02
PT 5799	PHB 3X8F611 TR BR	Pioneer Hi-Bred Int. (133)	Pioneer Hi-Bred (411)	2009-09-02
PT 5798	PHB 31Y94 B	Pioneer Hi-Bred Int. (133)	Pioneer Hi-Bred (411)	2009-09-02
PT 5801	PHB 33H52 B	Pioneer Hi-Bred Int. (133)	Pioneer Hi-Bred (411)	2009-09-02
PT 5802	PHB 34N45 BR	Pioneer Hi-Bred Int. (133)	Pioneer Hi-Bred (411)	2009-09-02
PT 5803	P1615 R	Pioneer Hi-Bred Int. (133)	Pioneer Hi-Bred (411)	2009-09-02
PT 5804	PHB 3X8C403T B	Pioneer Hi-Bred Int. (133)	Pioneer Hi-Bred (411)	2009-09-02
PT 5830	DKC 73-70 B	Monsanto SA (80)	Monsanto SA (80)	2009-09-22

### VEGETABLE CROPS/GROENTEGEWASSE

Kind of plant: *Allium cepa* L. (Onion/Ui)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5614	BRASS	JARIT (1034)	SAKATA (15)	2009-01-28
PT 5607	TASSEN	JARIT (1034)	SAKATA (15)	2009-02-04
PT 5608	NICKEL	JARIT (1034)	SAKATA (15)	2009-01-28
PT 5609	HAMLET	JARIT (1034)	SAKATA (15)	2009-02-04
PT 5615	NEPTUNE	HAZERA (172)	SAKATA (15)	2009-02-04
PT 5606	MERLOT	JARIT (1034)	SAKATA (15)	2009-01-28
PT 5610	PINOT	JARIT (1034)	SAKATA (15)	2009-01-28
PT 5611	SHIRAZ	JARIT (1034)	SAKATA (15)	2009-01-28
PT 5612	COBALT	JARIT (1034)	SAKATA (15)	2009-01-28
PT 5613	TUNGSTEN	JARIT (1034)	SAKATA (15)	2009-01-28
PT 5713	Coastal Red	Semallium (911)	Hygrotech (173)	2009-06-19

Kind of plant: *Capsicum* L. (Pepper, Paprika/Rissie, Paprika)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5685	Red Bite	Hygrotech (173)	Hygrotech (173)	2009-04-17
PT 5715	Star 6605	Pannar (33)	Pannar (33)	2009-07-01
PT 5716	Star 6606	Pannar (33)	Pannar (33)	2009-07-01

Kind of plant: *Cucurbita maxima* (Squash/Skorsie)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5714	STAR 7028	Pannar (33)	Pannar (33)	2009-06-19

Kind of plant: *Cucurbita* L. All/Alle spp. (*Cucurbita pepo* – Patty pans)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5726	Star 8080	Pannar (33)	Pannar (33)	2009-07-09
PT 5727	Star 8081	Pannar (33)	Pannar (33)	2009-07-09

Kind of plant: *Ipomoea batatas* (L.) Lam. (Sweet potato/Patat)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5665	PURPLE SUNSET	ARC VOPI (254)	ARC VOPI (254)	2009-01-14
PT 5666	ISONDLO	ARC VOPI (254)	ARC VOPI (254)	2009-01-14

Kind of plant: *Lycopersicon esculentum* Mill. (= *L. lycopersicum* (L.) Karsten ex Farwell) (Tomato)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5717	Star 9039	Pannar (33)	Pannar (33)	2009-07-01
PT 5718	Star 9082	Pannar (33)	Pannar (33)	2009-07-01
PT 5719	Star 9081	Pannar (33)	Pannar (33)	2009-07-01
PT 5720	Star 9066	Pannar (33)	Pannar (33)	2009-07-01



PT 5721	Samantha	Pannar (33)	Pannar (33)	2009-07-01
PT 5722	Star 9038	Pannar (33)	Pannar (33)	2009-07-01

Kind of plant: *Phaseolus vulgaris* L. (Garden bean/Tuinboon)

Application number	Proposed denomination	Applicant	Agent	Date accepted
PT 5773	Kariba	Pro-Seed (366)	Pro-Seed (366)	2009-09-02
PT 5774	Pemba	Pro-Seed (366)	Pro-Seed (366)	2009-09-02
PT 5831	Star 2005	Pannar (33)	Pannar (33)	2009-09-30

#### ERRATA

Kind of plant: *Phaseolus vulgaris* L. (Garden bean/Tuinboon)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5564	SORIA	VILMORIN (71)	NICKERSON ZWAAN (665)	2008-11-06

END ERRATA

Kind of plant: *Pisum* L. (Garden Pea/Tuinert)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5667	STAR 6008	PANNAR (33)	PANNAR (33)	2009-03-31

#### ORNAMENTAL PLANTS/SIERGEWASSE

Kind of plant: *Abelia* R.Br. (Abelia)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5872	Kaleidoscope	Panoramic Farm (1430)	Plants Manag SA (491)	26-11-2009

Kind of plant: *Agapanthus* L. Hérit. (Agapanthus, Blue lily/Agapant, Bloukandelaar, Bloulelie)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5640	MALAGA	RUPERT BENSON (1397)	MALANSEUNS (82)	20090305
PT 5888	Cloudy Days	JM Craigie and GA Craigie (1431)	PSD (82)	14-12-2009
PT 5887	PMN 06	JM Craigie and GA Craigie (1431)	PSD (82)	14-12-2009

Kind of plant: *Aloe* L. (Aloe/Aalwyn)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5669	ANDCHA	DE WET (1023)	MALANSEUNS (82)	2009-02-25
PT 5723	LEO 8617 A	Leo Thamm (1194)	Leo Thamm (1194)	2009-06-25
PT 5733	LEO 6349 A	Leo Thamm (1194)	Leo Thamm (1194)	2009-08-03

#### ERRATA

Kind of plant: *Aloe* L. (Aloe/Aalwyn)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5375	LEO 4363	Leo Thamm (1194)	Leo Thamm (1194)	2008-07-15
PT 3151A	LEO 3151A	Leo Thamm (1194)	Leo Thamm (1194)	2008-07-15
PT 5374	LEO 4946	Leo Thamm (1194)	Leo Thamm (1194)	2008-07-15

END ERRATA

Kind of plant: *Argyranthemum* Webb ex Sch. Bip. Daisy bush, (White marguerite/Madeliefiebos)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5834	Bonmadpipa	Bonza (1346)	Ball Straathof (108)	14-10-2009

PT 5835	Bonmadre	Bonza (1346)	Ball Straathof (108)	14-10-2009
PT 5836	Bonmadcmro	Bonza (1346)	Ball Straathof (108)	14-10-2009
PT 5837	Bonmadmerlo	Bonza (1346)	Ball Straathof (108)	14-10-2009
PT 5838	Bonmadcivy	Bonza (1346)	Ball Straathof (108)	14-10-2009
PT 5839	Bonmadwitim	Bonza (1346)	Ball Straathof (108)	14-10-2009
PT 5840	Bonmadprose	Bonza (1346)	Ball Straathof (108)	14-10-2009

Kind of plant: *Calibrachoa* Llave & Lex (Miniature Petunia/Miniatuur Petunia)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5870	Balcabimred	Ball Horticultural Company (676)	Ball Straathof (108)	26/11/2009

Kind of plant: *Chamelaucium* Desf. (Wax flower, Wax plant/Wasblom)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5890	Moonlight Delight	Goldsash (Helix) (1433)	Arnelia Farms (1337)	14-12-2009
PT 5891	Raspberry Ripple	Goldsash (Helix) (1433)	Arnelia Farms (1337)	14-12-2009
Pt1892	Sarah's Delight	Goldsash (Helix) (1433)	Arnelia Farms (1337)	14-12-2009
PT 5893	Strawberry Surprise	Goldsash (Helix) (1433)	Arnelia Farms (1337)	14-12-2009

Kind of plant: *Chrysanthemum* L. (Chrysanthemum/Krisant, Aster)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5571	CHAMPAGNE GOLDEN	FIDES (61)	SAFROPA (62)	2009-01-14
PT 5572	CHAMPAGNE	FIDES (61)	SAFROPA (62)	2009-01-14
PT 5573	STROMBOLI	FIDES (61)	SAFROPA (62)	2009-01-14
PT 5639	ANASTASIA DARK GREEN	DELIFLOR (771)	VERHEUL-KOREVAAR (770)	2009-02-19
PT 5670	DELIBALTICA	DELIFLOR (771)	VERHEUL-KOREVAAR (770)	2009-03-31
PT 5695	Dekalya	Dekker BV (773)	Verheul-Korevaar (770)	2009-05-06
PT 5696	Dekromanov	Dekker BV (773)	Verheul-Korevaar (770)	2009-05-06
PT 5697	Dekgaliaro Green	Dekker BV (773)	Verheul-Korevaar (770)	2009-05-06
PT 5698	Dekbretagne	Dekker BV (773)	Verheul-Korevaar (770)	2009-05-06
PT 5699	Dekelengai	Dekker BV (773)	Verheul-Korevaar (770)	2009-05-06
PT 5757	Motown	Fides B.V (61)	SAFROPA(62)	02-09-2009
PT 5758	Kaitlynn	Fides B.V (61)	SAFROPA(62)	02-09-2009
PT 5759	Charming	Fides B.V (61)	SAFROPA(62)	02-09-2009

Kind of plant: *Cordyline* Comm. ex Juss. (Dragon tree/Drakeboom)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 2601	JEL 01	GEOFF JEWEL (1305)	KEITH KIRSTEN (422)	2009-01-28
PT 5889	Southern Splendour	Lyder Enterprises (1375)	PSD (82)	14-12-2009

Kind of plant: *Dianella* Lam (Dianella, Flax lily/Dianella, Vlaslelie)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5668	DP303	OZBREED (1216)	MALANSEUNS (82)	2009-02-25
PT 5705	DT 23	Ozbreed (1216)	Clifton (1217)	2009-06-03
PT 5706	DRG 04	Ozbreed (1216)	Clifton (1217)	2009-06-03

Kind of plant: *Diets* Salisb. Ex. Klatt (All/Alle spp.) Fortnight Lily, African Iris)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5694	African Gold	Armadillo Investm (1379)	Armadillo Investm (1379)	2009-05-06

Kind of plant: *Dracaena* L. (Draceana)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5756	Stedneri cintho	Campo International (1417)	Interseeds (770)	02-09-2009

Kind of plant: *Gazania* Gaertn. (Gazania/Gousblom, Botterblom)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5863	Gazte	Malabar Farms (1427)	KKHI (422)	04-11-2009

Kind of plant: *Hebe* Comm. ex Juss. (All/Alle spp.) Shrubby veronica/Bosveronica

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5736	SUNSET BOULEVARD	BURTON SM (1411)	PSD (84)	2009-08-03

Kind of plant: *Hydrangea* L. (Hydrangea/Krismisroos, Hortensia)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5641	BLUSHING BRIDE	DIRR (1398)	MALANSEUNS (82)	2009-03-05
PT 5843	Youmeone	R Irie (46)	Plants Manag SA (491)	14-10-2009
PT 5844	Youmetwo	R Irie (46)	Plants Manag SA (491)	14-10-2009
PT 5845	Youmefour	R Irie (46)	Plants Manag SA (491)	14-10-2009
PT 5846	Youmenine	R Irie (46)	Plants Manag SA (491)	14-10-2009
PT 5847	Youmethree	R Irie (46)	Plants Manag SA (491)	14-10-2009

Kind of plant: *Ilex dimorphophylla* Koidz (Holly)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5702	Hollywood	Eden's Creations (1407)	Malanseuns (82)	2009-05-20

Kind of plant: *Lachenalia* Jacq. f. ex J. Murr. (Lachenalia, Cowslip/Viooltjie, Kalossie)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5659	AQUA LADY	ARC (VOPI) (254)	ARC (VOPI) (254)	2009-03-05
PT 5660	RIANA	ARC (VOPI) (254)	ARC (VOPI) (254)	2009-03-05
PT 5661	RAINBOW BELLS	ARC (VOPI) (254)	ARC (VOPI) (254)	2009-03-05
PT 5662	RADIANT	ARC (VOPI) (254)	ARC (VOPI) (254)	2009-03-05
PT 5663	JOSEPHINE	ARC (VOPI) (254)	ARC (VOPI) (254)	2009-03-05
PT 5664	CHÉRISE	ARC (VOPI) (254)	ARC (VOPI) (254)	2009-03-05

Kind of plant: *Lomandra* Labill. (Lomandra)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5816	LM 400	Ozbreed (1216)	PSD (82)	09-09-2009

Kind of plant: *Osteospermum* L. (Bitou/Bietou)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5871	Balserimwhi	Ball Horticultural Company (676)	Ball Straathof (108)	26/11/2009

Kind of plant: *Phormium* J.R. Forster et G. Forster (Flax/Vlas)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5569	TANGO	FLAX HYBRID (882)	MALANSEUNS (82)	2009-01-14

Kind of plant: *Rosa* L. (Rose/Roos)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5570	WEKVOSSUTONO	PRIMAVERA (1358)	MALANSEUNS (82)	2009-01-14
PT 5589	SCHOWINTI	PIET SCHREURS (1102)	FLOWER DYNAMICS (1388)	2009-01-14
PT 5588	SCHÉLÉNEM	PIET SCHREURS (1102)	FLOWER DYNAMICS (1388)	2009-01-14
PT 5587	SCHAPRESKI	PIET SCHREURS (1102)	FLOWER DYNAMICS (1388)	2009-01-14
PT 5586	SCHANDRES	PIET SCHREURS (1102)	FLOWER DYNAMICS (1388)	2009-01-14
PT 5585	SCHOLDCLA	PIET SCHREURS (1102)	FLOWER DYNAMICS (1388)	2009-01-14
PT 5584	SCHLEXLU	PIET SCHREURS (1102)	FLOWER DYNAMICS (1388)	2009-01-14
PT 5583	SCHARIERO	PIET SCHREURS (1102)	FLOWER DYNAMICS (1388)	2009-01-14
PT 5582	SCHLAIRE	PIET SCHREURS (1102)	FLOWER DYNAMICS (1388)	2009-01-14
PT 5581	SCHÉONARDO	PIET SCHREURS (1102)	FLOWER DYNAMICS (1388)	2009-01-14
PT 5580	SCHÉSVIER	PIET SCHREURS (1102)	FLOWER DYNAMICS (1388)	2009-01-14
PT 5579	SCHUNUKKA	PIET SCHREURS (1102)	FLOWER DYNAMICS (1388)	2009-01-14
PT 5578	SCHAPJUS	PIET SCHREURS (1102)	FLOWER DYNAMICS (1388)	2009-01-14
PT 5577	SCHYFONE	PIET SCHREURS (1102)	FLOWER DYNAMICS (1388)	2009-01-14
PT 5576	SCHÄTARZAN	PIET SCHREURS (1102)	FLOWER DYNAMICS (1388)	2009-01-14
PT 5575	SCHOLSUP	PIET SCHREURS (1102)	FLOWER DYNAMICS (1388)	2009-01-14
PT 5574	SCHÖJOERI	PIET SCHREURS (1102)	FLOWER DYNAMICS (1388)	2009-01-14
PT 5602	NOA 97400A	REINHARD (741)	KEITH KIRSTEN (422)	2009-01-28
PT 5620	DORMADE	ROSEAIRES (673)	LUDWIG'S (14)	2009-02-26
PT 5621	LUDGEALYTRON	LUDWIG'S (14)	LUDWIG'S (14)	2009-02-26
PT 5622	LUDSPOCRINO	LUDWIG'S (14)	LUDWIG'S (14)	2009-02-26
PT 5623	HORCOJONES	HÖRNER (889)	LUDWIG'S (14)	2009-02-26
PT 5624	KORKOBEATI	KORDES SOHNE (12)	LUDWIG'S (14)	2009-02-26
PT 5625	KORPAUVIO	KORDES SOHNE (12)	LUDWIG'S (14)	2009-02-26
PT 5626	KORQUANNI	KORDES SOHNE (12)	LUDWIG'S (14)	2009-02-26
PT 5627	KORSAMASI	KORDES SOHNE (12)	LUDWIG'S (14)	2009-02-26
PT 5628	KORTUTU	KORDES SOHNE (12)	LUDWIG'S (14)	2009-02-26
PT 5629	KORVODACOM	KORDES SOHNE (12)	LUDWIG'S (14)	2009-02-26
PT 5630	KORACALLIE	KORDES SOHNE (12)	LUDWIG'S (14)	2009-02-26
PT 5631	KORLUBAJA	KORDES SOHNE (12)	LUDWIG'S (14)	2009-02-26
PT 5632	COCVODACHIEF	JAMES COCKER (1396)	LUDWIG'S (14)	2009-02-26
PT 5633	DELLUDICE	JAMES COCKER (1396)	LUDWIG'S (14)	2009-02-26
PT 5634	DELLUD	PEPINIERES (524)	LUDWIG'S (14)	2009-02-26
PT 5635	DELLUDMEAN	PEPINIERES (524)	LUDWIG'S (14)	2009-02-26
PT 5636	DELLUDPINK	PEPINIERES (524)	LUDWIG'S (14)	2009-02-26
PT 5637	BÄRLUDSOU	BARNI (888)	LUDWIG'S (14)	2009-02-26
PT 5638	ORAMANOV	ORARD (592)	LUDWIG'S (14)	2009-02-26
PT 5655	LEXTEEWS	ÉVALESCO (1341)	LOUIS DE WET (1342)	2009-03-11
PT 5656	LEXIDAGAM	LEVACY (1343)	LOUIS DE WET (1342)	2009-03-11
PT 5657	LEXAANAS	LEX V (1079)	LOUIS DE WET (1342)	2009-03-11
PT 5658	LEXHCAEP	LEVACY (1343)	LOUIS DE WET (1342)	2009-03-11
PT 5711	Spejua	Jan Spek (1228)	Ludwig's Roses (14)	2009-04-23
PT 5823	KORICESI	KORDES SOHNE (12)	ADVANCE AFRICA (1418)	09-09-2009
PT 5822	KORTETA	KORDES SOHNE (12)	ADVANCE AFRICA (1418)	09-09-2009
PT 5821	KORVAKY	KORDES SOHNE (12)	ADVANCE AFRICA (1418)	09-09-2009
PT 5820	KORTUMBON	KORDES SOHNE (12)	ADVANCE AFRICA (1418)	09-09-2009
PT 5819	KORDUSHALB	KORDES SOHNE (12)	ADVANCE AFRICA (1418)	09-09-2009
PT 5818	KORAROKED	KORDES SOHNE (12)	ADVANCE AFRICA (1418)	09-09-2009
PT 5817	KORHYPHE	KORDES SOHNE (12)	ADVANCE AFRICA (1418)	09-09-2009
PT 5841	Nirpyblo	Lux Riviera (1422)	Elgin Roses (1423)	14-10-2009
PT 5866	Empori	Bartels Rose (136)	Running Dog Roses (1334)	11-11-2009
PT 5868	Empur	Bartels Rose (136)	Running Dog Roses (1334)	11-11-2009
PT 5867	Empsa	Bartels Rose (136)	Running Dog Roses (1334)	11-11-2009

Kind of plant: *Rosmarinus* L. (Rosemary/Roosmaryn)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5886	Wimtim01	Hortis Licensing (1432)	PSD(82)	14-12-2009

Kind of plant: *Selago* L. (Selago)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5681	SEL-NPN08	FICK (714)	FICK (714)	2009-01-09

Kind of plant: *Sideroxylon inerme* L. (Milkwood)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5679	SID-NPN08	FICK (714)	FICK (714)	2009-01-09

Kind of plant: *Sutera* Roth. (Sutera)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5680	SUT-NPN08	FICK (714)	FICK (714)	2009-01-09

#### FRUIT CROPS/VRUGTEGEWASSE

Kind of plant: *Actinidia chinensis* Planch (Kiwifruit/Kiwivrug)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5603	JINTAO	WUHAN (1391)	ADAMS & ADAMS (65)	2009-02-04
PT 5734	SKELTON X78	ENZA LIMITED (1410)	ADAMS & ADAMS (65)	2009-08-03
PT 5735	SKELTON A19	ENZA LIMITED (1410)	ADAMS & ADAMS (65)	2009-08-03

Kind of plant: *Ananas cosmosus* (L.) (Pineapple/Pynappel)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5724	Dole-14	Dole (1409)	Spoor and fisher (157)	2008-06-26

PRIORITY CLAIMED

Kind of plant: *Citrus* L. (All/Alle spp.)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5748	Rayno Early	Rayno du Preez (1415)	Citrogold (964)	2009-08-03
PT 5747	Gerhard Early	FJ Veltman	Citrogold (964)	2009-08-03
PT 5749	Dansweet	Daniel F Rautenbach (1414)	Citrogold (964)	2009-08-03

Kind of plant: *Fragaria x ananassa* Duchesne (Strawberry)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5738	SHAKED	E Yosef (1413)	Spoor and Fisher (157)	2009-08-17
PT 5739	ROTEMI	E Yosef (1413)	Spoor and Fisher (157)	2009-08-17
PT 5825	D371	ABZ 1420	Ball Straathof (108)	2009-09-14
PT 5700	Herut	Min of Agric., IL (327)	Adams & Adams (65)	2009-05-20
PT 5701	Vol Tamir	Min of Agric., IL (327)	Adams & Adams (65)	2009-05-20
PT 5683	FL 97-39	Univ of Florida (287)	Spoor & Fisher (41)	2009-04-16
PT 5684	FL 01-116	Univ of Florida (287)	Spoor & Fisher (41)	2009-04-16
PT 5685	FL 00-51	Univ of Florida (287)	Spoor & Fisher (41)	2009-04-16

Kind of plant: *Litchi chinensis* Sonn. Litchi/Lietsjie

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5885	R1G22	ARC-ITSC (254)	ARC-ITSC (254)	2009-12-14

**ERRATA**Kind of plant: *Malus* Mill. (Apple/Appel)

<b>Application No.</b>	<b>Proposed denomination</b>	<b>Applicant</b>	<b>Agent</b>	<b>Date accepted</b>
PT 5534	Minneiska	Regents of Univ Minnesota (980)	SAPO (59)	2008-09-30
PT 5711	Dalane	DR Flores, Brazil (1355)	Stargrow (731)	2008-06-02

**END ERRATA**Kind of plant: *Malus* Mill. (Apple/Appel)

<b>Application No.</b>	<b>Proposed denomination</b>	<b>Applicant</b>	<b>Agent</b>	<b>Date accepted</b>
PT 5842	Candy	Austin Orchards (1425)	Stargrow (731)	2009-10-09
PT 5875	G.41	Cornell University (1240)	SAPO (59)	2009-11-26
PT 5894	Milwa	Agroscope (1373)	Stargrow	2009-12-17

Kind of plant: *Passiflora edulis* Sims. (Granadilla/Grenadella, Granadilla)

<b>Application No.</b>	<b>Proposed denomination</b>	<b>Applicant</b>	<b>Agent</b>	<b>Date accepted</b>
PT 5605	MARIANA	CJ SMIT (1393)	CJ SMIT (1393)	2009-03-04

Kind of plant: *Prunus armeniaca* L. (Apricot/Appelkoos)

<b>Application No.</b>	<b>Proposed denomination</b>	<b>Applicant</b>	<b>Agent</b>	<b>Date accepted</b>
PT 5590	GOLDEN BLUSH	LG BRADFORD (1389)	TOPFRUIT (229)	2009-01-06
PT 5880	Calirose	Zaiger Inc (129)	Zaiger SA (1272)	2009-12-14
PT 5881	Wescot	Zaiger Inc (129)	Zaiger SA (1272)	2009-12-14
PT 5882	Kyzee	Zaiger Inc (129)	Zaiger SA (1272)	2009-12-14

Kind of plant: *Prunus avium* L. (Cherry)

<b>Application No.</b>	<b>Proposed denomination</b>	<b>Applicant</b>	<b>Agent</b>	<b>Date accepted</b>
PT 5873	Folfer	Institut National de la Recherche (359)	Topfruit	2009-11-26
PT 5598	GLENARE	LG BRADFORD (1389)	TOPFRUIT (229)	2009-01-06
PT 5591	GLENIOIA	LG BRADFORD (1389)	TOPFRUIT (229)	2009-01-06
PT 5599	GLENROCK	LG BRADFORD (1389)	TOPFRUIT (229)	2009-01-06
PT 5703	Sweet Georgia	Robert Krumink (1408)	Stargrow (731)	2009-05-20

Kind of plant: *Prunus domestica* L (European plum/Europese pruim, Pruimedant)

<b>Application No.</b>	<b>Proposed denomination</b>	<b>Applicant</b>	<b>Agent</b>	<b>Date accepted</b>
PT 5877	D6N-72	Regents of California (176)	SAPO (59)	2009-11-26

Kind of plant: *Prunus persica* (L.) Batsch var. *nucipersica* Schneid (Nectarine/Nektarien)

<b>Application No.</b>	<b>Proposed denomination</b>	<b>Applicant</b>	<b>Agent</b>	<b>Date accepted</b>
PT 5595	CANDY PEARL	LG BRADFORD (1389)	TOPFRUIT (229)	2009-01-06
PT 5594	VIKING PEARL	LG BRADFORD (1389)	TOPFRUIT (229)	2009-01-06
PT 5593	SPRING PEARL	LG BRADFORD (1389)	TOPFRUIT (229)	2009-01-06
PT 5592	ROSE BRIGHT	LG BRADFORD (1389)	TOPFRUIT (229)	2009-01-06
PT 5568	BURNECTIFIFTEEN	BURCHELL NSRY (1165)	ADAMS & ADAMS (65)	2008-12-22
PT 5725	Nectarine	SARL	Stargrow (731)	2009-06-24
PT 5755	UF ROYAL	FLORIDA FLOUNDATION (1117)	SAPO (59)	2009-08-17
PT 5852	Summer Jewel	Sapo (59)	Sapo (59)	2009-10-27
PT 5883	Alaska Red	Zaiger Inc (129)	Zaiger SA (1272)	2009-12-14

Kind of plant: *Prunus persica* (L.) Batsch (Peach)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5876	K146-43	RC AND USDA (176) (1103)	SAPO (59)	26-11-2009
PT 5878	P30-135	RC AND USDA (176) (1103)	SAPO (59)	26-11-2009
PT 5740	UF BEAUTY	FLORIDA FOUNDATION (1117)	SAPO (59)	2009-08-17
PT 5741	GULFKING	FLORIDA FOUNDATION (1117)	SAPO (59)	2009-08-17
PT 5742	GULFCRIMSON	FLORIDA FOUNDATION (1117)	SAPO (59)	2009-08-17
PT 5600	FLORDABEST	FLORIDA FOUNDATION (1117)	SAPO (59)	2009-02-11
PT 5616	PLACASTAMEL	PLANTAS DA NAVARRA (1081)	STARGROW (731)	2009-02-11
PT 5617	PLAPIOMEL	PLANTAS DA NAVARRA (1081)	STARGROW (731)	2009-02-11
PT 5618	PLATANOMEL	PLANTAS DA NAVARRA (1081)	STARGROW (731)	2009-02-11
PT 5619	PLAZANOMEL	PLANTAS DA NAVARRA (1081)	STARGROW (731)	2009-02-11
PT 5704	UF Blaze	Florida Foundation (1117)	SAPO (59)	2009-06-09

Kind of plant: *Prunus salicina* L. (Plum)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5869	Starburst	Stargrow (731)	Stargrow (731)	2009-11-30
PT 5884	Taured	Zaiger Inc (129)	Zaiger SA (1272)	2009-12-14

Kind of plant: *Prunus salicina* X *Prunus armeniaca* (Plumcot)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5596	PLUMSWEET	LG BRADFORD (1389)	TOPFRUIT (229)	2009-01-06
PT 5597	SWEETCOT	LG BRADFORD (1389)	TOPFRUIT (229)	2009-01-06
PT 5596	PLUMSWEET III	LG BRADFORD (1389)	TOPFRUIT (229)	2009-01-06

Kind of plant: *Punica granatum* L. (Pomegranate)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5824	SMITH	G R Smith (1419)	Adams & Adams (65)	2009-09-09

Kind of plant: *Pyrus* L. (Pear/Peer)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5493	Flare	HNR Du Plessis (1426)	HNR Du Plessis (1426)	2009-11-04

Kind of plant: *Vaccinium* L. (Blueberry, Cranberry/ Southern High bush berry)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5728	VERNON	EURAFRUIT (1125)	EURAFRUIT (1125)	2009-08-03
PT 5729	WINDSOR	EURAFRUIT (1125)	EURAFRUIT (1125)	2009-08-03
PT 5879	FLX-3	Eurafruit (1125)	Eurafruit (1125)	2009-11-26

Kind of plant: *Vitis* L. (Grape/Druif)

Application No.	Proposed denomination	Applicant	Agent	Date accepted
PT 5642	SHEEGENE 5	SHEEHAN GEN (1289)	COLORS FRUIT (1290)	2009-03-11
PT 5653	SHEEGENE 12	SHEEHAN GEN (1289)	COLORS FRUIT (1290)	2009-03-11
PT 5651	SHEEGENE 13	SHEEHAN GEN (1289)	COLORS FRUIT (1290)	2009-03-11
PT 5649	SHEEGENE 2	SHEEHAN GEN (1289)	COLORS FRUIT (1290)	2009-03-11
PT 5648	SHEEGENE 3	SHEEHAN GEN (1289)	COLORS FRUIT (1290)	2009-03-11
PT 5650	SHEEGENE 4	SHEEHAN GEN (1289)	COLORS FRUIT (1290)	2009-03-11
PT 5654	SHEEGENE 6	SHEEHAN GEN (1289)	COLORS FRUIT (1290)	2009-03-11
PT 5652	SHEEGENE 9	SHEEHAN GEN (1289)	COLORS FRUIT (1290)	2009-03-11
PT 5646	BRS CLARA	EMBRAPA (1340)	COLORS FRUIT (1290)	2009-03-11
PT 5645	BRS LINDA	EMBRAPA (1340)	COLORS FRUIT (1290)	2009-03-11
PT 5647	BRS MORENA	EMBRAPA (1340)	COLORS FRUIT (1290)	2009-03-11
PT 5848	Lombardi 2004/4	Anlo Farming (958)	Colors Fruit (1290)	2009-10-08
PT 5849	Lombardi 29	Anlo Farming (958)	Colors Fruit (1290)	2009-10-08

PT 5850	Lombardi 2004/1	Anlo Farming (958)	Colors Fruit (1290)	2009-10-08
PT 5864	RS-9	Regents of UC (176)	Spoor and Fisher (157)	2009-11-10
PT5865	RS-3	Regents of UC (176)	Spoor and Fisher (157)	2009-11-10

## SCHEDULE

## II. APPLICATIONS WITHDRAWN

## ERRATA

Application No.	Genus	Species	Common Name	Variety Denomination	Date of Withdrawal
PT 3422	<i>Vitis</i>	L.	GRAPE	GIELIE'S PRIDE	2008-06-25
PT 3867	<i>Rubus</i>	L.	BLACK BERRY	MOTUEKA	2004-10-07
PT 3866	<i>Rubus</i>	L.	BLACK BERRY	TADMOR	2004-10-07

## END ERRATA

Application No.	Genus	Species	Common Name	Variety Denomination	Date of Withdrawal
PT 2323	<i>MALUS</i>	MILL.	APPLE	SANSA	2009-01-22
PT 1891	<i>PRUNUS</i>	<i>ARMENIACA</i>	APRICOT	JUMBOCOT	2009-01-22
PT 4698	<i>PRUNUS</i>	<i>NUCIPERSICA</i>	NECTARINE	SG-NE-013	2009-03-18
PT 4704	<i>PRUNUS</i>	<i>NUCIPERSICA</i>	NECTARINE	SG-NE-016	2009-03-18
PT 5040	<i>PRUNUS</i>	<i>NUCIPERSICA</i>	NECTARINE	SG-NE-018	2009-03-18
-	<i>VIGNA</i>	<i>UNGUICULATA</i>	COWPEA	ARC-GCI-CP 27	2009-01-30
-	<i>VIGNA</i>	<i>UNGUICULATA</i>	COWPEA	ARC-GCI-CP 76	2009-01-30
PT 5214	<i>Solanum</i>	<i>tuberosum</i> L.	Potato	Paloma	2009-05-06
PT 2939	<i>Olea</i>	<i>sp</i>	Olive	MINERVA	2009-07-09
PT 3347	<i>Olea</i>	<i>sp</i>	Olive	DIANA	2009-07-09
PT 3346	<i>Olea</i>	<i>sp</i>	Olive	URANDO	2009-07-09
PT 2824	<i>Prunus</i>	<i>persica</i>	PEACH	Southern Snow	2009-07-09
PT 2507	<i>Prunus</i>	<i>persica</i>	PEACH	Snow King	2009-07-09
PT 3480	<i>Musa</i>	<i>acuminata</i> Colla	Banana	DUROI SELECTION 1	2009-09-10
PT 2644	<i>Prunus persica</i>	<i>var. nucipersica</i>	Nectarine	Red Pearl	2009-09-15
PT 3904	<i>Prunus persica</i>	<i>var. nucipersica</i>	Nectarine	Regal red	2009-09-15
PT 5321	<i>Prunus persica</i>	<i>var. nucipersica</i>	Nectarine	June Candy	2009-09-15
PT 2648	<i>Prunus persica</i>	<i>var. nucipersica</i>	Nectarine	Candy White	2009-09-15
PT 3779	<i>Prunus persica</i>	<i>var. nucipersica</i>	Nectarine	Diamond June	2009-09-15
PT 2649	<i>Prunus persica</i>	<i>var. nucipersica</i>	Nectarine	July Pearl	2009-09-15
PT 3778	<i>Prunus persica</i>	<i>var. nucipersica</i>	Nectarine	Grand Candy	2009-09-15
PT 5745	<i>Helianthus</i>	<i>annuus</i>	Sunflower	AGSUN 5655 HO	2009-09-22
PT 3222	<i>Prunus</i>	<i>persica</i>	Peach	Nickels	08-10-2009
PT 3978	<i>Musa</i>	<i>acuminata</i>	Banana	Andrie	14-10-2009
PT 1623	<i>Psidium</i>	<i>guajava</i>	Guava	TS G1	04-11-2009
PT 1625	<i>Psidium</i>	<i>guajava</i>	Guava	TS G3	04-11-2009
PT 5732	<i>Actinidia</i>	<i>chinensis</i>	Kiwi	Skelton X78	17-12-2009

## SCHEDULE

## Applications rejected

Genus	Species	Common Name	Variety Denomination	Date of Rejection
<i>Fragaria</i>	<i>x duchesne</i>	Strawberry	Elan	2009-09-22



## SCHEDULE

## Application for approval of alterations of denominations

<b>Application No.</b>	<b>Genus</b>	<b>Species</b>	<b>Common Name</b>	<b>Previous denomination</b>	<b>New denomination</b>
ZA 20084108	ERICA	L.	HEATH	CFK 0001	FAIRY RIBBONS
PT 5258	OLEA	L.	OLIVE	CHIKUITTA	SIKITITA
PT 4697	PRUNUS	NUCIPERSICA	NECTARINE	SG-NE 011	VIBRANT
PT 5205	PRUNUS	PERSICA	PEACH	SPLENDOUR	RED VELVET
PT 5428	ZEa	MAYS	SWEETCORN	SC 5075	STAR 7719
PT 5342	CUCURBITA	MOSCHATA	SQUASH	VENUS	VEENAS
PT 5194	PRUNUS	SALICINA	JAPANESE PLUM	PR 00-37	ARC PR-3
PT 5195	PRUNUS	SALICINA	JAPANESE PLUM	PR 00-01	ARC PR-4
PT 5196	PRUNUS	SALICINA	JAPANESE PLUM	7A-12-2	SOLAR ECLIPSE
PT 5197	PRUNUS	SALICINA	JAPANESE PLUM	PR 00-33	RUBY STAR
PT 5198	PRUNUS	SALICINA	JAPANESE PLUM	PR 96-8	SENSATION
PT 5206	PRUNUS	PERSICA	PEACH	PE 96-2	SCARLET
PT 5207	PRUNUS	PERSICA	PEACH	17C-13-7	SUMMERTIME
PT 5208	PRUNUS	PERSICA	PEACH	PE 96-13	ESRLIGOLD
PT 5209	PRUNUS	PERSICA	PEACH	PE 96-68	SUNDRY
PT 5210	PRUNUS	PERSICA	PEACH	17B-29-40	SUMMERGOLD
PT 5202	PRUNUS	NUCIPERSICA	NECTARINE	NE 98-43	BELLA NOVA
PT 5204	PRUNUS	NUCIPERSICA	NECTARINE	NE 99-29	ARC NE-9
PT 5203	PRUNUS	NUCIPERSICA	NECTARINE	NE 98-42	ARC NE-8
PT 5199	PRUNUS	NUCIPERSICA	NECTARINE	NE 00-07	EARLY GLO
PT 5201	PRUNUS	NUCIPERSICA	NECTARINE	17C-28-9	ARC NE-7
PT 5644	Vitis L.	spp.	Grape	104-253	Sweet Sunshine
PT 5643	Vitis L.	spp.	Grape	031-077	Sweet Surrender
PT 5278	Vitis L.	spp.	Grape	2012	HFF 2012
PT 4296	Vitis L.	spp.	Grape	98-84	HFF 98-84
PT 5186	Vitis L.	spp.	Grape	G1-209	Muscat Dew
PT 5178	Vitis L.	spp.	Grape	G2-226	Honeybunch
PT 5180	Vitis L.	spp.	Grape	G4-1125	Muscado Deligado
PT 5181	Vitis L.	spp.	Grape	G4-916	White Pearl
PT 5184	Vitis L.	spp.	Grape	G1-5978	Muscat Surprise
PT 5318	Prunus	nucipersica	Nectarine	Sunglo	Royal Sun
PT 2137	Prunus	nucipersica	Nectarine	Orione	Late Venus
PT 5252	Brassica	napus	Oil Seed Rape	NP Z SR 10308	Agamax
PT 5412	Vitis	L.	Grape	G1-358	Desert Dawn
PT 5411	Vitis	L.	Grape	G1-1061	Black Velvet
PT 5473	Vitis	L.	Grape	G1-1840	Rosimoon
PT 5472	Vitis	L.	Grape	G1-1075	Black Jewel
ZA 20083922	Vitis	L.	Grape	G4-624	Scarlet Dew
ZA 20032819	Vitis	L.	Grape	Desert Seedless	Desert
ZA 20032816	Vitis	L.	Grape	Ice Seedless	Ice
ZA 20032814	Vitis	L.	Grape	Cerise Seedless	Cerise
ZA 20032818	Vitis	L.	Grape	Night Shade	Evening Pearl
ZA 20073748	Zea	Mays	Maize	3X1183DWB	PHB 31M82 B
PT 5475	Zea	mays	Maize	PHB 3X7F795	P2048
PT 5494	Zea	mays	Maize	PHB 3X7F797T B	PHB 32W72 B
ZA 20083998	Zea	mays	Maize	PHB 33R81 BR	IMP 50-90 BR
ZA 20084017	Zea	mays	Maize	PHB 3X6F699	IMP 51-92
PT 5396	Helianthus	annuus	Sunflower	AGSUN 5181	AGSUN 5181 CL
PT 5397	Helianthus	annuus	Sunflower	AGSUN 5182	AGSUN 5182 CL
ZA 20094143	Zea	mays - saccharum	Sweetcorn	SC 5075	STAR 7719
ZA 20084120	Citrus	spp.	Valencia	X15	Valearly
ZA 20094180	Prunus	salicina	Japanese plum	SG-PR-020	Honeysweet 1

## SCHEDULE

## GRANT OF PLANT BREEDERS' RIGHTS

**AGRICULTURAL CROPS**Kind of plant: *Avena L.* (Oats/Hawer)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
PT 5310	MAGNIFICO	AGRICOL (1)	AGRICOL (1)	ZA 20094124	2009-02-14	2029-02-14

Kind of plant: *Glycine max (L.) Merrill* (Soya bean/Sojaboon)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
PT 4805	PAN 1564	Pannar (33)	Pannar (33)	ZA 20094208	2009-06-10	2029-06-10
PT 4806	PAN 1669	Pannar (33)	Pannar (33)	ZA 20094209	2009-06-10	2029-06-10
PT 5465	PAN 1583 R	Monsanto, CH (1273)	Pannar (33)	ZA 20094218	2009-06-10	2029-06-10
PT 5466	PAN 1867	Pannar (33)	Pannar (33)	ZA 20094219	2009-06-10	2029-06-10

Kind of plant: *Helianthus annuus L.* (Sunflower/Sonneblom)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
PT 5384	PAN 7063 CL	Pannar (33)	Pannar (33)	ZA 20094210	2009-06-10	2029-06-10
PT 5385	PAN 7064	Pannar (33)	Pannar (33)	ZA 20094211	2009-06-10	2029-06-10
PT 5386	PAN 7065	Pannar (33)	Pannar (33)	ZA 20094212	2009-06-10	2029-06-10
PT 5387	PAN 7066	Pannar (33)	Pannar (33)	ZA 20094213	2009-06-10	2029-06-10
PT 5388	PAN 7067	Pannar (33)	Pannar (33)	ZA 20094214	2009-06-10	2029-06-10
PT 5389	PAN 7068	Pannar (33)	Pannar (33)	ZA 20094215	2009-06-10	2029-06-10
PT 5390	PAN 7069 HO	Pannar (33)	Pannar (33)	ZA 20094216	2009-06-10	2029-06-10
PT 5391	PAN 7070 HO	Pannar (33)	Pannar (33)	ZA 20094217	2009-06-10	2029-06-10

Kind of plant: *Lolium perenne L.* (Perennial Ryegrass/ Meerjarige Raai gras)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
PT 4809	ALTO	NZ AGRISEEDS (267)	AGRICOL (1)	ZA 20094132	2009-01-28	2029-02-14
PT 4810	BEALY	NZ AGRISEEDS (267)	AGRICOL (1)	ZA 20094133	2009-01-28	2029-02-14

Kind of plant: *Lupinus L.* (Lupin/ Lupien)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
PT 4958	Mandelup	Dept of Agric, AU (851)	Agricol (1)	ZA 20094198	2009-05-13	2029-05-13

Kind of plant: *Medicago sativa L.* (Lucerne/Lusern)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
PT 4903	HYBRIFORCE-800	DAIRYLAND (1293)	AGRICOL (1)	ZA 20094121	2009-01-15	2029-01-15
PT 4902	MAGNA 804	DAIRYLAND (1293)	AGRICOL (1)	ZA 20094122	2009-01-15	2029-01-15

Kind of plant: *Ornithopus sativus Brot.* (Serradella)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
PT 4958	Erica	St of West (851)	Smit & Van Wyk (1304)	ZA 20094300	06-10-2009	06-10-2029
PT 4959	Margurita	St of West (851)	Smit & Van Wyk (1304)	ZA 20094301	06-10-2009	06-10-2029

Kind of plant: *Saccharum officinarum L.* (Sugar cane/Suikerriet)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
PT 5687	N 49	SASA (941)	SASA (941)	ZA 20094308	2009-11-30	2029-11-30
PT 5688	N 50	SASA (941)	SASA (941)	ZA 20094309	2009-11-30	2029-11-30

Kind of plant: *Trifolium pratense* L. (Red clover/Rooiklawer)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
PT 4399	Tropero	Cal West, US (625)	Pannar (33)	ZA 20094197	2009-05-13	2029-05-13

Kind of plant: X *Triticosecale* Witt. (*Triticum* x *Secale*) (Triticale/Tritikale, Korog)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
PT 4999	US 2007	UNIV S/BOSCH (349)	UNIV S/BOSCH (349)	ZA 20094131	2009-02-14	2029-02-14

Kind of plant: *Triticum* L. (Wheat/Koring)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
PT 5302	PAN 3368	PANNAR (33)	PANNAR (33)	ZA 20094125	2009-02-14	2029-02-14
PT 5308	BUFFELS	ARC SGI (254)	ARC SGI (254)	ZA 20094127	2009-02-14	2029-02-14
PT 5309	TANKWA	ARC SGI (254)	ARC SGI (254)	ZA 20094126	2009-02-14	2029-02-14

Kind of plant: *Zea mays* L. var. *saccharata* Bailey (Sweetcorn/Soetmielie, Suikermielie)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
PT 5429	MANTRA	ILLINOIS FOUND (546)	SAKATA (15)	ZA 20094141	2009-02-18	2029-02-18
PT 5430	ORLA	ILLINOIS FOUND (546)	SAKATA (15)	ZA 20094142	2009-02-18	2029-02-18
PT 5426	STAR 7718	PANNAR (33)	PANNAR (33)	ZA 20094145	2009-02-18	2029-02-18
PT 5427	STAR 7717	PANNAR (33)	PANNAR (33)	ZA 20094144	2009-02-18	2029-02-18

#### VEGETABLE CROPS/GROENTEGEWASSE

Kind of plant: *Allium cepa* L. (Onion/Ui)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
PT 5280	STAR 5522	Pannar (33)	Pannar (33)	ZA 20094306	2009-11-27	2029-11-27

#### ERRATA

Kind of plant: *Allium cepa* L. (Onion/Ui)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
PT 4899	Tadmor	Hazera (122)	Sakata (15)	ZA 20094223	2008-02-28	2028-02-28

#### END ERRATA

Kind of plant: *Capsicum* L. (Sweet pepper)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
PT 5311	PBI Goldew VI	Peppadew International (1171)	Peppadew International (1171)	ZA 20094224	2009-07-07	2029-07-07
PT 5376	PBI Fire fly	Peppadew International (1171)	Peppadew International (1171)	ZA 20094225	2009-07-07	2029-07-07
PT 5377	PBI Sweetheart	Peppadew International (1171)	Peppadew International (1171)	ZA 20094226	2009-07-07	2029-07-07
PT 5378	PBI Flash	Peppadew International (1171)	Peppadew International (1171)	ZA 20094227	2009-07-07	2029-07-07

Kind of plant: *Citrullus lanatus* (Thunb.) Matsum. et Nakai (Watermelon/Waatlemoen, Makataan)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
PT 5007	Daytona	Sakata, CA (1111)	Sakata (15)	ZA 20094196	2009-05-04	2029-05-04

Kind of plant: *Cucurbita maxima* L. (Squash/Skorsie)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
PT 5432	NELSON	ENZA ZADEN (248)	SAKATA (15)	ZA 20094123	2009-02-14	2029-02-14

Kind of plant: *Cucurbita moschata* L. (Squash/Skorsie)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
PT 5340	PLUTO	SAKATA (1111)	SAKATA (15)	ZA 20094128	2009-03-02	2029-03-02
PT 5341	APOLLO	SAKATA (1111)	SAKATA (15)	ZA 20094129	2009-03-02	2029-03-02
PT 5342	Veenas	Sakata (1111)	Sakata (15)	ZA 20094130	2009-11-30	2029-11-30

Kind of plant: *Ipomoea batatas* L. (Lam) (Sweet potato)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
PT 5665	Purple sunset	ARC-VOPI (254)	ARC-VOPI (254)	ZA 20094265	2009-07-17	2029-07-17
PT 5666	Isondo	ARC-VOPI (254)	ARC-VOPI (254)	ZA 20094266	2009-07-17	2029-07-17

Kind of plant: *Lycopersicon esculentum* (L.) Karsten ex Farwell (Tomato/Tamatie)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
PT 5399	Star 9012	Pannar (33)	Pannar (33)	ZA 20094276	2009-08-14	2029-08-14
PT 5400	Star 9036	Pannar (33)	Pannar (33)	ZA 20094277	2009-08-14	2029-08-14
PT 5401	Star 9037	Pannar (33)	Pannar (33)	ZA 20094278	2009-08-14	2029-08-14
PT 5402	Star 9052	Pannar (33)	Pannar (33)	ZA 20094279	2009-08-14	2029-08-14
PT 5431	Tyler	Hazera (172)	Sakata (15)	ZA 20094280	2009-08-14	2029-08-14
PT 5431	Tyler	Sakata (15)	Sakata (15)	ZA 20094280	2009-11-30	2029-11-30

#### FRUIT CROPS/VRUGTEGEWASSE

Kind of plant: *Citrus* L. (Valencia)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
PT 4531	X 15	MOUTON A (1223)	STARGROW (731)	ZA 20094120	2009-01-20	2034-01-20

Kind of plant: *Citrus* L. (all species)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
PT 4868	Sonet	ARC-ITSC (254)	ARC-ITSC (254)	ZA 20094289	2009-09-07	2034-09-07
PT 4869	Ruby Pomelit	ARC-ITSC (254)	ARC-ITSC (254)	ZA 20094287	2009-08-24	2034-08-24

Kind of plant: *Fragaria ananassa* X Duchesne (Strawberry/Aarbei)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
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PT 4307	HONOR	BERRY GEN (815)	STARGROW (731)	ZA 20094146	2009-03-02	2029-03-02
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Kind of plant: *Malus* Mill. (Apple/Appel)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
PT 4876	Dalinette	Inra (962)	Stargrow (731)	ZA 20094205	2009-06-09	2034-06-09
PT 4190	Deloran	Delbard (187)	SAPO (59)	ZA 20094204	2009-06-09	2034-06-09
PT 4942	G.228	Cornell Res (1240)	SAPO (59)	ZA 20094222	2009-06-12	2034-06-12
PT 4863	Nicogreen	Better3Fruit (1275)	SAPO (59)	ZA 20094206	2009-06-09	2034-06-09
PT 4864	Nicoter	Better3Fruit (1275)	SAPO (59)	ZA 20094207	2009-06-09	2034-06-09
PT 3636	Red Jonaprince	Wilton Weent (1022)	Adams & Adams (65)	ZA 20094203	2009-06-09	2034-06-09
PT 2756	Sciearly	Hort & Food (471)	Hahn & Hahn (629)	ZA 20094202	2009-06-09	2034-06-09

Kind of plant: *Mangifera indica* L. (Mango)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
PT 4881	SHELLY	ARO, IL (540)	WESTFALIA (455)	ZA 20094186	2009-03-30	2034-03-30

Kind of plant: *Olea* L. (All/Alle spp.) (Olive/Olyf)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
PT 4952	DON CARLO	CNR (553)	Cape Vintages (586)	ZA 20094228	2009-07-15	2034-07-15

Kind of plant: *Prunus persica* (L.) Batsch var. *nucipersica* Schneid (Nectarine/Nektarien)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
PT 5319	ARCTIC SPRING	ZAIGER SA (1272)	ZAIGER SA (1272)	ZA 20094174	2009-03-17	2034-03-17
PT 5233	SNOW PRINCESS	BRADFORD (456)	TOPFRUIT (229)	ZA 20095285	2009-03-20	2034-03-20
PT 5051	SUNECTWENT Y-ONE	SUN WORLD (652)	VON SEIDELS (1308)	ZA 20094175	2009-03-17	2034-03-17
PT 5318	SUNGLO	ZAIGER (605)	ZAIGER SA (1272)	ZA 20094173	2009-03-17	2034-03-17
PT 4984	DIAMONDZEE	ZAIGER (605)	SAPO (59)	ZA 20094170	2009-03-17	2034-03-17
PT 5203	ARC NE-8	ARC (Infruited) (254)	ARC (Infruited) (254)	ZA 20094157	2009-03-17	2034-03-17
PT 5204	ARC NE-9	ARC (Infruited) (254)	ARC (Infruited) (254)	ZA 20094158	2009-03-17	2034-03-17
PT 5199	Early Glo	ARC (Infruited) (254)	ARC (Infruited) (254)	ZA 20094156	2009-03-17	2034-03-17
PT 5202	Bella Nova	ARC (Infruited) (254)	ARC (Infruited) (254)	ZA 20094159	2009-03-17	2034-03-17
PT 5201	ARC NE-7	ARC (Infruited) (254)	ARC (Infruited) (254)	ZA 20094155	2009-03-17	2034-03-17
PT 4697	Vibrant	Stargrow (731)	Stargrow (731)	ZA 20094188	2009-03-17	2034-03-17
PT 5233	Snow Princess	Bradford Farms (456)	Topfruit (229)	ZA 20094185	2009-09-02	2034-09-02
PT 5232	September Bright	Bradford Farms (456)	Topfruit (229)	ZA 20094189	2009-09-02	2034-09-02

**Errata**Kind of plant: *Prunus persica* var *nucipersica* Schneid. (Nectarine/Nektarien)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
PT 5491	African Glo	SAPO (59)	SAPO (59)	ZA 20094111	02-05-2007	02-05-2032

**End Errata**Kind of plant: *Prunus persica* (L.) Batsch (Peach/Perske)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
PT 5227	ICE PRINCESS	BRADFORD (456)	TOPFRUIT (229)	ZA 20094184	2009-03-20	2034-03-20
PT 5317	SCARLET RICH	ZAIGER (605)	ZAIGER SA (1272)	ZA 20094183	2009-03-20	2034-03-20
PT 5316	SWEET JIM	ZAIGER (605)	ZAIGER SA (1272)	ZA 20094182	2009-03-20	2034-03-20
PT 5050	SUPECHFIFTEEN	SUN WORLD (652)	VON SEIDELS (1308)	ZA 20094179	2009-03-17	2034-03-17
PT 4184	SUPECHSIX	SUN WORLD (652)	VON SEIDELS (1308)	ZA 20094178	2009-03-17	2034-03-17
PT 5045	FLATPRETTY	SARL (1320)	STARGROW (731)	ZA 20094181	2009-03-20	2034-03-20
PT 5316	SWEET JIM	ZAIGER (605)	ZAIGER SA (1272)	ZA 20094182	2009-03-20	3034-03-20
PT 4184	Supechfifteen	Sunworld (652)	Von Seidels (1308)	ZA 20094179	2009-03-17	2034-03-17
PT 5209	Sundry	ARC (Infruited) (254)	ARC (Infruited) (254)	ZA 20094163	2009-03-20	2034-03-20
PT 5206	Scarlet	ARC (Infruited) (254)	ARC (Infruited) (254)	ZA 20094160	2009-03-20	2034-03-20

PT 5207	Summertime	ARC (Infruitec) (254)	ARC (Infruitec) (254)	ZA 20094161	2009-03-20	2034-03-20
PT 5208	Earligold	ARC (Infruitec) (254)	ARC (Infruitec) (254)	ZA 20094162	2009-03-20	2034-03-20
PT 5210	Summergold	ARC (Infruitec) (254)	ARC (Infruitec) (254)	ZA 20094164	2009-03-20	2034-03-20
PT 5205	Red Velvet	ARC (Infruitec) (254)	ARC (Infruitec) (254)	ZA 20094187	2009-03-20	2034-03-20
PT 5227	Ice Princess	Bradford Farms (456)	Topfruit (229)	ZA 20094184	2009-09-02	2034-09-02

Kind of plant: *Prunus salicina* Lindl. (Japanese plum/Japanese prum)

Applica- tion No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
PT 4565	EXTREME	JOUBERT D (1214)	SAPO (59)	ZA 20094172	2009-03-17	2034-03-17
PT 5055	SUPLUMTWENTYEIGHT	SUN WORLD (652)	VON SEIDELS (1308)	ZA 20094177	2009-03-17	2034-03-17
PT 5054	SUPLUMTWENTYFIVE	SUN WORLD (652)	VON SEIDELS (1308)	ZA 20094176	2009-03-17	2034-03-17
PT 4696	SG-PR-020	STARGROW (731)	STARGROW (731)	ZA 20094180	2009-03-20	2034-03-20
PT 5195	ARC PR-4	ARC (Infruitec) (254)	ARC (Infruitec) (254)	ZA 20094166	2009-03-20	2034-03-20
PT 5196	Solar Eclipse	ARC (Infruitec) (254)	ARC (Infruitec) (254)	ZA 20094167	2009-03-20	2034-03-20
PT 5194	ARC PR-3	ARC (Infruitec) (254)	ARC (Infruitec) (254)	ZA 20094165	2009-03-20	2034-03-20
PT 5197	Ruby Star	ARC (Infruitec) (254)	ARC (Infruitec) (254)	ZA 20094168	2009-03-20	2034-03-20
PT 5198	Sensation	ARC (Infruitec) (254)	ARC (Infruitec) (254)	ZA 20094169	2009-03-20	2034-03-20

#### ERRATA

Kind of plant: *Prunus salicina* Lindl. (Japanese plum/Japanese prum)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
PT 4695	Honeymoon	Stargrow (731)	Stargrow (731)	ZA 20083611	2008-05-02	2033-05-02
PT 4694	Honeydawn	Stargrow (731)	Stargrow (731)	ZA 20083918	2008-05-02	2033-05-02

#### END ERRATA

Kind of plant: *Prunus salicina* Lindl. x *Prunus armeniaca* L. (Plumcot)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
PT 4653	Africot	SAPO TRUST (59)	SAPO (59)	ZA 20094171	2009-05-06	2034-05-06

Kind of plant: *Pyrus* L. (Pear/Peer)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
PT 5187	ARC MP-1	ARC (INFRUITEC) (254)	ARC (INFRUITEC) (254)	ZA 20094148	2009-03-13	2034-03-13
PT 5189	ARC MP-2	ARC (INFRUITEC) (254)	ARC (INFRUITEC) (254)	ZA 20094149	2009-03-13	2034-03-13
PT 5190	ARC MP-3	ARC (INFRUITEC) (254)	ARC (INFRUITEC) (254)	ZA 20094150	2009-03-13	2034-03-13
PT 5191	ARC MP-4	ARC (INFRUITEC) (254)	ARC (INFRUITEC) (254)	ZA 20094151	2009-03-13	2034-03-13
PT 5192	ARC MP-5	ARC (INFRUITEC) (254)	ARC (INFRUITEC) (254)	ZA 20094152	2009-03-13	2034-03-13
PT 5188	ARC PEAR 1	ARC (INFRUITEC) (254)	ARC (INFRUITEC) (254)	ZA 20094153	2009-03-13	2034-03-13
PT 2010	TAYLOR'S GOLD	KING-TURNER (579)	WEBBER WNTZEL (56)	ZA 20094154	2009-03-13	2034-03-13

Kind of plant: *Vitis* L. (Grape/Druif)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
PT 5180	Muscado Deligado	ARC (254)	ARC (254)	ZA 20094193	01-10-2009	01-10-2034
PT 5178	Honeybunch	ARC (254)	ARC (254)	ZA 20094192	01-10-2009	01-10-2034
PT 5184	Muscat Dew	ARC (254)	ARC (254)	ZA 20094190	01-10-2009	01-10-2034
PT 5186	Muscat Surprise	ARC (254)	ARC (254)	ZA 20094191	01-10-2009	01-10-2034

PT 5181	White Pearl	ARC (254)	ARC (254)	ZA 20094192	01-10-2009	01-10-2034
PT 4296	HFF 98-84	ARC (254)	ARC (254)	ZA 20094307	01-10-2009	01-10-2034

**ERRATA**Kind of plant: *Vitis* L. (Grape/Druif)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
PT 3915	Evans Delight	Hoekstra (539)	Hoekstra(539)	ZA 20094201	2005-03-11	2030-03-11

END ERRATA

**ORNAMENTAL PLANTS/SIERGEWASSE**Kind of plant: *Alstroemeria* L. (Peruvian lily, Inca lily/Perulelie, Inkalelie)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
PT 3426	Stapricamil	Van Zanten NL (1287)	Van Zanten SA (713)	ZA 20094199	2009-04-08	2029-04-08
PT 4866	Zaprijul	Van Zanten NL (1287)	Van Zanten SA (713)	ZA 20094200	2009-04-08	2029-04-08

Kind of plant: *Begonia* spp. (Begonia)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
PT 4097	Belaro	Koppe Royalty (1105)	PC Korevaar (770)	ZA 20094290	20-11-2009	20-11-2029
PT 4037	Betulia Light	Koppe Royalty (1105)	PC Korevaar (770)	ZA 20094292	20-11-2009	20-11-2029
PT 4183	Betulia New Pink	Koppe Royalty (1105)	PC Korevaar (770)	ZA 20094293	20-11-2009	20-11-2029
PT 4098	Binos	Koppe Royalty (1105)	PC Korevaar (770)	ZA 20094294	20-11-2009	20-11-2029
PT 4039	Rhianne	Koppe Royalty (1105)	PC Korevaar (770)	ZA 20094296	20-11-2009	20-11-2029
PT 4567	Rita	Koppe Royalty (1105)	PC Korevaar (770)	ZA 20094297	20-11-2009	20-11-2029
PT 4299	Binos Pink	Koppe Royalty (1105)	PC Korevaar (770)	ZA 20094298	01-09-2009	01-09-2029
PT 4300	Binos Soft Pink	Koppe Royalty (1105)	PC Korevaar (770)	ZA 20094299	01-09-2009	01-09-2029

Kind of plant: *Chrysanthemum* L. (All/Alle spp.) (Chrysanthemum)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
PT 5670	DELIBALTICA	DELIFLOR (771)	INTERSEEDS (770)	ZA 20094267	2009-08-11	2029-08-11
PT 5695	DEKALIYA	DEKKER BREEDING (773)	INTERSEEDS (770)	ZA 20094268	2009-08-11	2029-08-11
PT 5698	DEKBRETAGNE	DEKKER BREEDING (773)	INTERSEEDS (770)	ZA 20094269	2009-08-11	2029-08-11
PT 5354	ARCTIC QUEEN	FIDES BV (61)	INTERSEEDS	ZA 20094270	2009-08-11	2029-08-11
PT 5697	DEKGALIARO GREEN	DEKKER BREEDING (773)	INTERSEEDS (770)	ZA 20094271	2009-08-11	2029-08-11
PT 4082	IVORY EUROBELLE	DEKKER BREEDING (773)	INTERSEEDS (770)	ZA 20094273	2009-08-11	2029-08-11
PT 5353	WOODPECKER DARK	FIDES BV (61)	INTERSEEDS (770)	ZA 20094275	2009-08-11	2029-08-11
PT 4068	PLANO DARK	DEKKER BREEDING (773)	INTERSEEDS (770)	ZA 20094274	2009-08-11	2029-08-11
PT 5639	ANASTASIA DARK GREEN	DELIFLOR (771)	INTERSEEDS (770)	ZA 20094272	2009-08-11	2029-08-11

**ERRATA**Kind of plant: *Erica* L. (Heath/Heide)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
PT 4538	Fairy Ribbons	Hanekom AM (1221)	Hanekom (1221)	ZA 20084108	2008-12-10	2033-12-10

END ERRATA

Kind of plant: *Leucadendron* R. Br. (Conebush, Yellowbush/Tolbos, Geelbos)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
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PT 4976	RUBY PEARL	GEOFF JEWEL (1305)	FUTURE FYNBOS (1306)	ZA 20094147	2009-02-25	2034-02-25
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Kind of plant: *Mandevilla* Lindl. (=Dipladenia A. DC.) (Chilean jasmine/Chileense jasmyn)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
PT 5081	SUNMANDECOS	SUNTORY (1150)	MALANSEUNS PSD (82)	ZA 20094109	2009-01-09	2029-01-09

Kind of plant: *Osteospermum* L. (Bitou/Bietou)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
PT 5297	DAOSEN	DALINA APS (1348)	MALANSEUNS (82)	ZA 20094116	2009-01-09	2029-01-09
PT 5295	DAOSFEM	DALINA APS (1348)	MALANSEUNS (82)	ZA 20094117	2009-01-09	2029-01-09
PT 5293	DAOSSYN	DALINA APS (1348)	MALANSEUNS (82)	ZA 20094113	2009-01-09	2029-01-09
PT 5294	DAOSTRE	DALINA APS (1348)	MALANSEUNS (82)	ZA 20094112	2009-01-09	2029-01-09
PT 5296	MARSS	DALINA APS (1348)	MALANSEUNS (82)	ZA 20094114	2009-01-09	2029-01-09
PT 5099	Malsha	PSD (82)	PSD (82)	ZA 20094305	4-11-2009	4-11-2029
PT 5095	Maljoa	PSD (82)	PSD (82)	ZA 20094118	4-11-2009	4-11-2029
PT 5098	Malsec	PSD (82)	PSD (82)	ZA 20094119	4-11-2009	4-11-2029
PT 5096	Malpot	PSD (82)	PSD (82)	ZA 20094115	4-11-2009	4-11-2029

Kind of plant: *Phormium* J.R. Forster et G. Forster (Flax/Vlas)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
PT 5300	PHOS 2	OZBREED (1216)	CLIFTON FLOWERS (1217)	ZA 20094110	2009-01-09	2029-01-09

Kind of plant: *Rosa* L. (Rose)

Application No.	Variety Denomination	Grantee	Agent	Grant No.	Date of Grant	Expiry Date
PT 5634	DELLUD	Pepnieres et Roseraies (524)	Ludwig's (14)	ZA 20094230	2009-07-03	2034-07-03
PT 5636	DELLUDPINK	Pepnieres et Roseraies (524)	Ludwig's (14)	ZA 20094231	2009-07-03	2034-07-03
PT 5635	DELLUDMEAN	Pepnieres et Roseraies (524)	Ludwig's (14)	ZA 20094232	2009-07-03	2034-07-03
PT 5633	DELLUDICE	Pepnieres et Roseraies (524)	Ludwig's (14)	ZA 20094234	2009-07-03	2034-07-03
PT 4620	LUDGEACENT	Ludwig's (14)	Ludwig's (14)	ZA 20094248	2009-07-03	2034-07-03
PT 4622	LUDLOUEST	Ludwig's (14)	Ludwig's (14)	ZA 20094249	2009-07-03	2034-07-03
PT 5622	LUDSPOCRINO	Ludwig's (14)	Ludwig's (14)	ZA 20094250	2009-07-03	2034-07-03
PT 5621	LUDGEALYTRON	Ludwig's (14)	Ludwig's (14)	ZA 20094251	2009-07-03	2034-07-03
PT 4564	MEINIXODE	MEILAND (16)	Adams & Adams (65)	ZA 20094281	2009-08-18	2034-08-18
PT 4882	NOALESA	R NOACK (741)	KKHI (422)	ZA 20094282	2009-08-18	2034-08-18
PT 5104	HARENVOY	HARKNESS (594)	Ludwig's (14)	ZA 20094283	2009-08-18	2034-08-18
PT 5343	INTERZAREK	Interplant (1064)	Malanseuns (82)	ZA 20094284	2009-08-18	2034-08-18
PT 4285	JACSEGRA	K. ZARY (1357)	Malanseuns (82)	ZA 20094285	2009-08-18	2034-08-18
PT 5346	JACJERRY	K. ZARY (1357)	Malanseuns (82)	ZA 20094286	2009-08-18	2034-08-18
PT 5315	NOA 83100B	R.Noack (741)	SAPO (59)	ZA20094263	2009-09-03	2034-09-03
PT 5632	COCVODACHIEF	James Cocker & Sons (1396)	Ludwig's (14)	ZA 20094235	2009-07-03	2034-07-03
PT 4325	PEASTACK	Limes New Roses (330)	Ludwig's (14)	ZA 20094237	2009-07-03	2034-07-03
PT 4671	MEINISSIME	Meilland (16)	Adams & Adams (65)	ZA 20094256	2009-07-03	2034-07-03
PT 5115	MEIZICALL	Meilland (16)	Adams & Adams (65)	ZA 20094257	2009-07-03	2034-07-03
PT 5119	KEIMASSAY	Meilland (16)	Adams & Adams (65)	ZA 20094258	2009-07-03	2034-07-03
PT 5118	MEIZULEROS	Meilland (16)	Adams & Adams (65)	ZA 20094259	2009-07-03	2034-07-03



PT 5117	MEILAMBRA	Meilland (16)	Adams & Adams (65)	ZA 20094260	2009-07-03	2034-07-03
PT 5116	MEILABASUN	Meilland (16)	Adams & Adams (65)	ZA 20094261	2009-07-03	2034-07-03
PT 5348	Weksproules	Primevera Sarl (19)	Malanseuns (82)	ZA 20094302	14-10-2009	14-10-2034
PT 5084	Wekcocbeb	Primevera Sarl (19)	Malanseuns (82)	ZA 20094304	14-10-2009	14-10-2034
PT 5566	Empara	Bartels Roses (136)	Running Dog (1334)	ZA 20094262	16-10-2009	16-10-2034
PT 5570	Weksottorno	Primevera Sarl (19)	Malanseuns (82)	ZA 20094264	14-10-2009	14-10-2034

## SCHEDULE

## REFUSAL OF GRANTS FOR PLANT BREEDERS' RIGHTS

Application No.	Genus	Species	Common Name	Variety Denomination	Date of Rejection
PT 5097	OSTEOSPERMUM L.	spp.	BITOU	MALRAT	2009-02-19
PT 5200	PRUNUS	nucipersica	NECTARINE	ARC NE-6	2009-03-17
PT 4298	FRAGARIA	ananassa	STRAWBERRY	GALAXIA	2009-03-25

## ERRATA

PT 1795	RUBUS L.	spp.	BLACK BERRY	CHOCKTAW	2005-04-29
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## END ERRATA

PT 3426	Alstroemeria L.	spp.	Peruvian lily	KKH 03	2009-08-04
PT 4601	Argyranthemum	Webb ex Sch. Bip	Daisy bush	Innping	2009-08-04
PT 4602	Argyranthemum	Webb ex Sch. Bip	Daisy bush	Burgundy Belle	2009-08-04
PT 2955	Malus	spp.	Apple	FUJI BRAK	2009-07-30
PT 4878	Prunus	avium	Apricot	EARLY PRINCE	2009-08-18
PT 5383	Phaseolus	vulgaris L.	Dry bean	Ruby	2009-08-03

## SCHEDULE

## CHANGES IN THE PERSON OF THE APPLICANT / HOLDER OF PLANT BREEDERS' RIGHTS

Application No.	Genus	Species	Common Name	Variety Denomination	Previous Holder	New Applicant / Holder
ZA 93961	PROTEA L.	spp.	PROTEA	LIEBENCHERRY	LIEBENBERG (145)	MADIBRI (1390)
ZA 20073606	Eragrostis	teff	TEFF GRASS	AFG-T1	AFGRI SEED (32)	TAREKEGNE (1344)
ZA 20073607	Eragrostis	teff	TEFF GRASS	AFG-T2	AFGRI SEED (32)	TAREKEGNE (1344)
ZA 20073608	Eragrostis	teff	TEFF GRASS	AFG-T3	AFGRI SEED (32)	TAREKEGNE (1344)
ZA 20073609	Eragrostis	teff	TEFF GRASS	AFG-T4	AFGRI SEED (32)	TAREKEGNE (1344)
PT 5241	DIANTHUS	caryophyllus	CARNATION	ALLURA	P KOOLJ (1332)	H KOOLJ (1386)
PT 5242	DIANTHUS	caryophyllus	CARNATION	FAGANZA	P KOOLJ (1332)	H KOOLJ (1386)
PT 5243	DIANTHUS	caryophyllus	CARNATION	FLAMINGO	P KOOLJ (1332)	H KOOLJ (1386)
PT 5245	DIANTHUS	caryophyllus	CARNATION	LIMONI	P KOOLJ (1332)	H KOOLJ (1386)
PT 5246	DIANTHUS	caryophyllus	CARNATION	LUXOR	P KOOLJ (1332)	H KOOLJ (1386)
PT 5247	DIANTHUS	caryophyllus	CARNATION	MARGARITA	P KOOLJ (1332)	H KOOLJ (1386)
PT 5248	DIANTHUS	caryophyllus	CARNATION	NAPOLI	P KOOLJ (1332)	H KOOLJ (1386)
PT 5249	DIANTHUS	caryophyllus	CARNATION	ODESSA RED	P KOOLJ (1332)	H KOOLJ (1386)
PT 5250	DIANTHUS	caryophyllus	CARNATION	ODESSA EASY PINK	P KOOLJ (1332)	H KOOLJ (1386)
ZA 20073599	Citrus L.	spp.	Valencia	McClean SL	Citriculture (1081)	Veldman FJ (1405)
ZA 20032818	Vitis L.	spp.	Grapes	Night Shade	Manchester Farms (986)	DOLE SA (1409)
ZA 20032817	Vitis L.	spp.	Grapes	Moon Balls	Manchester Farms (986)	DOLE SA (1409)
ZA 20032816	Vitis L.	spp.	Grapes	Ice seedless	Manchester Farms (986)	DOLE SA (1409)
ZA 20032815	Vitis L.	spp.	Grapes	Galaxy	Manchester Farms (986)	DOLE SA (1409)
ZA 20032814	Vitis L.	spp.	Grapes	Cerise Seedless	Manchester Farms (986)	DOLE SA (1409)

ZA 20032813	<i>Vitis</i>	spp.	Grapes	Alpha Red	Manchester Farms (986)	DOLE SA (1409)
ZA 20032819	<i>Vitis</i>	spp.	Grapes	Desert Seedless	Manchester Farms (986)	DOLE SA (1409)
ZA 20063531	<i>Vitis</i>	spp.	Grapes	Tropical Wild	Manchester Farms (986)	DOLE SA (1409)
ZA 20012401	<i>Phaseolus</i>	<i>vulgaris</i>	Dry bean	PAN 109	Pannar Pty Ltd (33)	Pannar Seed (1412)
ZA 20022625	<i>Phaseolus</i>	<i>vulgaris</i>	Dry bean	PAN 116	Pannar Pty Ltd (33)	Pannar Seed (1412)
ZA 20022627	<i>Phaseolus</i>	<i>vulgaris</i>	Dry bean	PAN 118	Pannar Pty Ltd (33)	Pannar Seed (1412)
ZA 20032883	<i>Phaseolus</i>	<i>vulgans</i>	Dry bean	PAN 123	Pannar Pty Ltd (33)	Pannar Seed (1412)
ZA 20042976	<i>Phaseolus</i>	<i>vulgaris</i>	Dry bean	PAN 128	Pannar Pty Ltd (33)	Pannar Seed (1412)
ZA 20042977	<i>Phaseolus</i>	<i>vulgaris</i>	Dry bean	PAN 135	Pannar Pty Ltd (33)	Pannar Seed (1412)
ZA 20042978	<i>Phaseolus</i>	<i>vulgaris</i>	Dry bean	PAN 139	Pannar Pty Ltd (33)	Pannar Seed (1412)
ZA 951306	<i>Phaseolus</i>	<i>vulgaris</i>	Dry bean	PAN 146	Pannar Pty Ltd (33)	Pannar Seed (1412)
ZA 951304	<i>Phaseolus</i>	<i>vulgaris</i>	Dry bean	PAN 148	Pannar Pty Ltd (33)	Pannar Seed (1412)
ZA 961383	<i>Phaseolus</i>	<i>vulgans</i>	Dry bean	PAN 150	Pannar Pty Ltd (33)	Pannar Seed (1412)
ZA 961575	<i>Phaseolus</i>	<i>vulgaris</i>	Dry bean	PAN 159	Pannar Pty Ltd (33)	Pannar Seed (1412)
ZA 981988	<i>Phaseolus</i>	<i>vulgaris</i>	Dry bean	PAN 178	Pannar Pty Ltd (33)	Pannar Seed (1412)
ZA 992062	<i>Phaseolus</i>	<i>vulgaris</i>	Dry bean	PAN 185	Pannar Pty Ltd (33)	Pannar Seed (1412)
ZA 20053276	<i>Phaseolus</i>	<i>vulgaris</i>	Dry bean	PAN 9249	Pannar Pty Ltd (33)	Pannar Seed (1412)
ZA 20083828	<i>Phaseolus</i>	<i>vulgaris</i>	Dry bean	PAN 9264	Pannar Pty Ltd (33)	Pannar Seed (1412)
ZA 20083829	<i>Phaseolus</i>	<i>vulgaris</i>	Dry bean	PAN 9266	Pannar Pty Ltd (33)	Pannar Seed (1412)
ZA 20083830	<i>Phaseolus</i>	<i>vulgaris</i>	Dry bean	PAN 9275	Pannar Pty Ltd (33)	Pannar Seed (1412)
ZA 971782	<i>Glycine</i>	<i>max</i> L. Merrill.	Soyabean	PAN 564	Pannar Pty Ltd (33)	Pannar Seed (1412)
ZA 20032910	<i>Glycine</i>	<i>max</i> L. Merrill.	Soyabean	PAN 626	Pannar Pty Ltd (33)	Pannar Seed (1412)
ZA 971775	<i>Glycine</i>	<i>max</i> L. Merrill.	Soyabean	PAN 660	Pannar Pty Ltd (33)	Pannar Seed (1412)
ZA 20063473	<i>Glycine</i>	<i>max</i> L. Merrill.	Soyabean	PAN 1652	Pannar Pty Ltd (33)	Pannar Seed (1412)
ZA 20043178	<i>Glycine</i>	<i>max</i> L. Merrill.	Soyabean	PAN 535 RR	Pannar Pty Ltd (33)	Pannar Seed (1412)
ZA 20043179	<i>Glycine</i>	<i>max</i> L. Merrill.	Soyabean	PAN 538 RR	Pannar Pty Ltd (33)	Pannar Seed (1412)
ZA 20043180	<i>Glycine</i>	<i>max</i> L. Merrill.	Soyabean	PAN 737 RR	Pannar Pty Ltd (33)	Pannar Seed (1412)
ZA 20084074	<i>Helianthus</i>	<i>annuus</i>	Sunflower	PAN 7053 CL	Pannar Pty Ltd (33)	Pannar Seed (1412)
ZA 20084075	<i>Helianthus</i>	<i>annuus</i>	Sunflower	PAN 7058 CL	Pannar Pty Ltd (33)	Pannar Seed (1412)
ZA 20084076	<i>Helianthus</i>	<i>annuus</i>	Sunflower	PAN 7059	Pannar Pty Ltd (33)	Pannar Seed (1412)
ZA 20084078	<i>Helianthus</i>	<i>annuus</i>	Sunflower	PAN 7060	Pannar Pty Ltd (33)	Pannar Seed (1412)
ZA 20084077	<i>Helianthus</i>	<i>annuus</i>	Sunflower	PAN 7061	Pannar Pty Ltd (33)	Pannar Seed (1412)
ZA 20084079	<i>Helianthus</i>	<i>annuus</i>	Sunflower	PAN 7062	Pannar Pty Ltd (33)	Pannar Seed (1412)
ZA 20032800	<i>Triticum</i>	<i>aestivum</i>	Wheat	PAN 3118	Pannar Pty Ltd (33)	Pannar Seed (1412)
ZA 20053249	<i>Triticum</i>	<i>aestivum</i>	Wheat	PAN 3120	Pannar Pty Ltd (33)	Pannar Seed (1412)
ZA 20063425	<i>Triticum</i>	<i>aestivum</i>	Wheat	PAN 3122	Pannar Pty Ltd (33)	Pannar Seed (1412)
ZA 20073550	<i>Triticum</i>	<i>aestivum</i>	Wheat	PAN 3144	Pannar Pty Ltd (33)	Pannar Seed (1412)
ZA 961335	<i>Triticum</i>	<i>aestivum</i>	Wheat	PAN 3349	Pannar Pty Ltd (33)	Pannar Seed (1412)
ZA 20073551	<i>Triticum</i>	<i>aestivum</i>	Wheat	PAN 3355	Pannar Pty Ltd (33)	Pannar Seed (1412)

ZA 981819	<i>Triticum</i>	<i>aestivum</i>	Wheat	PAN 3364	Pannar Pty Ltd (33)	(1412) Pannar Seed
ZA 20094125	<i>Triticum</i>	<i>aestivum</i>	Wheat	PAN 3368	Pannar Pty Ltd (33)	(1412) Pannar Seed
ZA 20002250	<i>Triticum</i>	<i>aestivum</i>	Wheat	PAN 3377	Pannar Pty Ltd (33)	(1412) Pannar Seed
ZA 20032798	<i>Triticum</i>	<i>aestivum</i>	Wheat	PAN 3404	Pannar Pty Ltd (33)	(1412) Pannar Seed
ZA 20032799	<i>Triticum</i>	<i>aestivum</i>	Wheat	PAN 3408	Pannar Pty Ltd (33)	(1412) Pannar Seed
ZA 20063426	<i>Triticum</i>	<i>aestivum</i>	Wheat	PAN 3434	Pannar Pty Ltd (33)	(1412) Pannar Seed
ZA 20022369	<i>Triticum</i>	<i>aestivum</i>	Wheat	PAN 3490	Pannar Pty Ltd (33)	(1412) Pannar Seed
ZA 20022640	<i>Triticum</i>	<i>aestivum</i>	Wheat	PAN 3492	Pannar Pty Ltd (33)	(1412) Pannar Seed
ZA 951120	<i>Triticosecale</i>	( <i>Triticum</i> X <i>Secale</i> )	Triticale	PAN 248	Pannar Pty Ltd (33)	(1412) Pannar Seed
ZA 20083794	<i>Zea</i>	<i>mays</i> L.	Yellow maize	PAN 4P-116	Pannar Pty Ltd (33)	(1412) Pannar Seed
ZA 20083795	<i>Zea</i>	<i>mays</i> L.	Yellow maize	PAN 6Q-118	Pannar Pty Ltd (33)	(1412) Pannar Seed
ZA 20084009	<i>Zea</i>	<i>mays</i> L.	Yellow maize	PAN 3Q-422 B	Pannar Pty Ltd (33)	(1412) Pannar Seed
ZA 20084008	<i>Zea</i>	<i>mays</i> L.	Yellow maize	PAN 4P-316 B	Pannar Pty Ltd (33)	(1412) Pannar Seed
ZA 20084004	<i>Zea</i>	<i>mays</i> L.	Yellow maize	PAN 4P-716 BR	Pannar Pty Ltd (33)	(1412) Pannar Seed
ZA 20084013	<i>Zea</i>	<i>mays</i> L.	Yellow maize	PAN 4R-620 R	Pannar Pty Ltd (33)	(1412) Pannar Seed
ZA 20084014	<i>Zea</i>	<i>mays</i> L.	Yellow maize	PAN 6Q-318 B	Pannar Pty Ltd (33)	(1412) Pannar Seed
ZA 20083796	<i>Zea</i>	<i>mays</i> L.	Yellow maize	PAN 6Q-308 B	Pannar Pty Ltd (33)	(1412) Pannar Seed
ZA 20084042	<i>Zea</i>	<i>mays</i> L.	White maize	PAN 4M-19	Pannar Pty Ltd (33)	(1412) Pannar Seed
ZA 20073755	<i>Zea</i>	<i>mays</i> L.	White maize	PAN 53	Pannar Pty Ltd (33)	(1412) Pannar Seed
ZA 20073756	<i>Zea</i>	<i>mays</i> L.	White maize	PAN 69	Pannar Pty Ltd (33)	(1412) Pannar Seed
ZA 20083800	<i>Zea</i>	<i>mays</i> L.	White maize	PAN 6Q-117	Pannar Pty Ltd (33)	(1412) Pannar Seed
ZA 20084044	<i>Zea</i>	<i>mays</i> L.	White maize	PAN 7M-07	Pannar Pty Ltd (33)	(1412) Pannar Seed
ZA 20073759	<i>Zea</i>	<i>mays</i> L.	White maize	PAN 7M-97	Pannar Pty Ltd (33)	(1412) Pannar Seed
ZA 20083802	<i>Zea</i>	<i>mays</i> L.	White maize	PAN 4P-313 B	Pannar Pty Ltd (33)	(1412) Pannar Seed
ZA 20083801	<i>Zea</i>	<i>mays</i> L.	White maize	PAN 5Q-311 B	Pannar Pty Ltd (33)	(1412) Pannar Seed
ZA 20084051	<i>Zea</i>	<i>mays</i> L.	White maize	PAN 5R-541 R	Pannar Pty Ltd (33)	(1412) Pannar Seed
ZA 20084043	<i>Zea</i>	<i>mays</i> L.	White maize	PAN 6Q-521 R	Pannar Pty Ltd (33)	(1412) Pannar Seed
ZA 20073758	<i>Zea</i>	<i>mays</i> L.	White maize	PAN 6Q-321 B	Pannar Pty Ltd (33)	(1412) Pannar Seed
ZA 981966	<i>Zea</i>	<i>mays</i> L.	White maize	PAN 3	Pannar Pty Ltd (33)	(1412) Pannar Seed
ZA 20063475	<i>Zea</i>	<i>mays</i> L.	White maize	PAN 11	Pannar Pty Ltd (33)	(1412) Pannar Seed
ZA 20084071	<i>Sorghum</i>	<i>bicolor</i> (L) Moench	Grain sorghum	PAN 8507	Pannar Pty Ltd (33)	(1412) Pannar Seed
ZA 20084070	<i>Sorghum</i>	<i>bicolor</i> (L) Moench	Grain sorghum	PAN 8127	Pannar Pty Ltd (33)	(1412) Pannar Seed
ZA 20073771	<i>Zea</i>	<i>mays</i> L.	Maize	AFG 4663	Afgri Seeds (32)	(1421) Klein Karoo Saadbemarking
ZA 20073770	<i>Zea</i>	<i>mays</i> L.	Maize	AFG 4611	Afgri Seeds (32)	(1421) Klein Karoo Saadbemarking
ZA 20084039	<i>Zea</i>	<i>mays</i> L.	Maize	AFG 4579 B	Afgri Seeds (32)	(1421) Klein Karoo Saadbemarking
ZA 20073785	<i>Zea</i>	<i>mays</i> L.	Maize	AFG 4361	Afgri Seeds (32)	(1421) Klein Karoo Saadbemarking

ZA 20073780	<i>Zea</i>	<i>mays</i> L.	Maize	AFG 4414	Afgri Seeds (32)	Klein Karoo Saadbemarking (1421)
ZA 20073781	<i>Zea</i>	<i>mays</i> L.	Maize	AFG 4416 B	Afgri Seeds (32)	Klein Karoo Saadbemarking (1421)
ZA 20073782	<i>Zea</i>	<i>mays</i> L.	Maize	AFG 4434 R	Afgri Seeds (32)	Klein Karoo Saadbemarking (1421)
ZA 20073786	<i>Zea</i>	<i>mays</i> L.	Maize	AFG 4443	Afgri Seeds (32)	Klein Karoo Saadbemarking (1421)
ZA 20084028	<i>Zea</i>	<i>mays</i> L.	Maize	AFG 4445	Afgri Seeds (32)	Klein Karoo Saadbemarking (1421)
ZA 20080920	<i>Zea</i>	<i>mays</i> L.	Maize	AFG 4447	Afgri Seeds (32)	Klein Karoo Saadbemarking (1421)
ZA 20084030	<i>Zea</i>	<i>mays</i> L.	Maize	AFG 4471	Afgri Seeds (32)	Klein Karoo Saadbemarking (1421)
ZA 20084031	<i>Zea</i>	<i>mays</i> L.	Maize	AFG 4473	Afgri Seeds (32)	Klein Karoo Saadbemarking (1421)
ZA 20084032	<i>Zea</i>	<i>mays</i> L.	Maize	AFG 4475 B	Afgri Seeds (32)	Klein Karoo Saadbemarking (1421)
ZA 20084027	<i>Zea</i>	<i>mays</i> L.	Maize	AFG 4476	Afgri Seeds (32)	Klein Karoo Saadbemarking (1421)
ZA 20084033	<i>Zea</i>	<i>mays</i> L.	Maize	AFG 4477	Afgri Seeds (32)	Klein Karoo Saadbemarking (1421)
ZA 20084006	<i>Zea</i>	<i>mays</i> L.	Maize	AFG 4478 BR	Afgri Seeds (32)	Klein Karoo Saadbemarking (1421)
ZA 20084034	<i>Zea</i>	<i>mays</i> L.	Maize	AFG 4479 R	Afgri Seeds (32)	Klein Karoo Saadbemarking (1421)
ZA 20073768	<i>Zea</i>	<i>mays</i> L.	Maize	AFG 4519	Afgri Seeds (32)	Klein Karoo Saadbemarking (1421)
ZA 20073769	<i>Zea</i>	<i>mays</i> L.	Maize	AFG 4555	Afgri Seeds (32)	Klein Karoo Saadbemarking (1421)
ZA 20073763	<i>Zea</i>	<i>mays</i> L.	Maize	AFG 4566 B	Afgri Seeds (32)	Klein Karoo Saadbemarking (1421)
ZA 20084035	<i>Zea</i>	<i>mays</i> L.	Maize	AFG 4571 B	Afgri Seeds (32)	Klein Karoo Saadbemarking (1421)
ZA 20084036	<i>Zea</i>	<i>mays</i> L.	Maize	AFG 4573 B	Afgri Seeds (32)	Klein Karoo Saadbemarking (1421)
ZA 20084037	<i>Zea</i>	<i>mays</i> L.	Maize	AFG 4575	Afgri Seeds (32)	Klein Karoo Saadbemarking (1421)
ZA 20084038	<i>Zea</i>	<i>mays</i> L.	Maize	AFG 4577 B	Afgri Seeds (32)	Klein Karoo Saadbemarking (1421)
ZA 20094219	<i>Glycine</i>	<i>max</i> L. Merrill	Soyabean	PAN 1867	Pannar (Pty) Ltd (33)	Pannar Seed (Pty) Ltd (1412)
ZA 20094209	<i>Glycine</i>	<i>max</i> L. Merrill	Soyabean	PAN 1564	Pannar (Pty) Ltd (33)	Pannar Seed (Pty) Ltd (1412)
ZA 20094209	<i>Glycine</i>	<i>max</i> L. Merrill	Soyabean	PAN 1669	Pannar (Pty) Ltd (33)	Pannar Seed (Pty) Ltd (1412)
ZA 20094218	<i>Glycine</i>	<i>max</i> L. Merrill	Soyabean	PAN 1583 R	Pannar (Pty) Ltd (33)	Pannar Seed (Pty) Ltd (1412)
ZA 20094210	<i>Helianthus</i>	<i>annuus</i>	Sunflower	PAN 7063 CL	Pannar (Pty) Ltd (33)	Pannar Seed (Pty) Ltd (1412)
ZA 20094211	<i>Helianthus</i>	<i>annuus</i>	Sunflower	PAN 7064	Pannar (Pty) Ltd (33)	Pannar Seed (Pty) Ltd (1412)
ZA 20094212	<i>Helianthus</i>	<i>annuus</i>	Sunflower	PAN 7065	Pannar (Pty) Ltd (33)	Pannar Seed (Pty) Ltd (1412)
ZA 20094213	<i>Helianthus</i>	<i>annuus</i>	Sunflower	PAN 7066	Pannar (Pty) Ltd (33)	Pannar Seed (Pty) Ltd (1412)
ZA 20094214	<i>Helianthus</i>	<i>annuus</i>	Sunflower	PAN 7067	Pannar (Pty) Ltd (33)	Pannar Seed (Pty) Ltd (1412)

ZA 20094216	<i>Helianthus</i>	<i>annuus</i>	Sunflower	PAN 7069 HO	Pannar (Pty) Ltd (33)	Pannar Seed (Pty) Ltd (1412)
ZA 20094217	<i>Helianthus</i>	<i>annuus</i>	Sunflower	PAN 7070 HO	Pannar (Pty) Ltd (33)	Pannar Seed (Pty) Ltd (1412)
ZA 20032933	<i>Tagetes</i>	spp.	Marigold	Xantho 50011	PanAmerican Seed (738)	AVT Natural Products (1424)
PT 4393	<i>Actinidia</i>	<i>chinensis</i>	Kiwi	Hortgem Wha	Horticulture and Food Institute of NZ (1065)	The NZ Institute for Plant and Food Research (1065)
PT 4390	<i>Actinidia</i>	<i>chinensis</i>	Kiwi	Hortgem Tahi	Horticulture and Food Institute of NZ (1065)	The NZ Institute for Plant and Food Research (1065)
PT 4392	<i>Actinidia</i>	<i>chinensis</i>	Kiwi	Hortgem toru	Horticulture and Food Institute of NZ (1065)	The NZ Institute for Plant and Food Research (1065)
PT 4391	<i>Actinidia</i>	<i>chinensis</i>	Kiwi	Hortgem Rua	Horticulture and Food Institute of NZ (1065)	The NZ Institute for Plant and Food Research (1065)
PT 2181	<i>Malus</i>	spp.	Apple	Sciros	Horticulture and Food Institute of NZ (1065)	The NZ Institute for Plant and Food Research (1065)
PT 4136	<i>Malus</i>	spp.	Apple	Scifresh	Horticulture and Food Institute of NZ (1065)	The NZ Institute for Plant and Food Research (1065)
PT 2751	<i>Malus</i>	spp.	Apple	Scired	Horticulture and Food Institute of NZ (1065)	The NZ Institute for Plant and Food Research (1065)
PT 3549	<i>Prunus</i>	<i>avium</i>	Apricot	Alex	Horticulture and Food Institute of NZ (1065)	The NZ Institute for Plant and Food Research (1065)
PT 1626	<i>Prunus</i>	<i>avium</i>	Apricot	Cluthagold	Horticulture and Food Institute of NZ (1065)	The NZ Institute for Plant and Food Research (1065)
PT 5527	<i>Vaccinium</i>	spp.	Blueberry	Island Blue	Horticulture and Food Institute of NZ (1065)	The NZ Institute for Plant and Food Research (1065)
PT 5505	<i>Zea</i>	<i>mays</i> L.	Maize	AFG 4480 B	Afgri Seeds (32)	Klein Karoo Saadbemarking (1421)
PT 5506	<i>Zea</i>	<i>mays</i> L.	Maize	AFG 4474 R	Afgri Seeds (32)	Klein Karoo Saadbemarking (1421)
PT 5507	<i>Zea</i>	<i>mays</i> L.	Maize	AFG 4572 R	Afgri Seeds (32)	Klein Karoo Saadbemarking (1421)
PT 5508	<i>Zea</i>	<i>mays</i> L.	Maize	AFG 4482 B	Afgri Seeds (32)	Klein Karoo Saadbemarking (1421)
PT 5509	<i>Zea</i>	<i>mays</i> L.	Maize	AFG 4484 B	Afgri Seeds (32)	Klein Karoo Saadbemarking (1421)
PT 5510	<i>Zea</i>	<i>mays</i> L.	Maize	AFG 4486 B	Afgri Seeds (32)	Klein Karoo Saadbemarking (1421)
PT 5512	<i>Zea</i>	<i>mays</i> L.	Maize	AFG 4581 BR	Afgri Seeds (32)	Klein Karoo Saadbemarking (1421)
PT 5513	<i>Zea</i>	<i>mays</i> L.	Maize	AFG 4485	Afgri Seeds (32)	Klein Karoo Saadbemarking (1421)
PT 5514	<i>Zea</i>	<i>mays</i> L.	Maize	AFG 4383	Afgri Seeds (32)	Klein Karoo Saadbemarking (1421)

## SCHEDULE

## PLANT BREEDERS' RIGHTS SURRENDERED

Application No.	Genus	Species	Common Name	Variety Denomination	Date Surrendered
ZA 20053339	<i>Glycine</i>	<i>max</i>	SOYA BEAN	PAN 1843 RR	2009-02-11
ZA 961567	GLYCINE	<i>max</i>	SOYA BEAN	PAN 854	2009-02-11
ZA 20032882	PHASEOLUS	<i>vulgaris</i>	DRY BEAN	PAN 121	2009-02-11

ZA 20063415	PHASEOLUS	vulgaris	DRY BEAN	PAN 9257	2009-02-11
ZA 20084066	SORGHUM	bicolor	GRAIN	PAN 8017	2009-02-11
ZA 20084068	SORGHUM	bicolor	SORGHUM	PAN 8337	2009-02-11
ZA 20084069	SORGHUM	bicolor	GRAIN	PAN 8387	2009-02-11
ZA 20084070	SORGHUM	bicolor	SORGHUM	PAN 8407	2009-02-11
ZA 20022638	TRITICUM	aestivum	WHEAT	PAN 3191	2009-02-11
ZA 20063793	ZEA	mays	MAIZE	PAN 4P-114	2009-02-11
ZA 20073757	ZEA	mays	MAIZE	PAN 6Q-115	2009-02-11
ZA 20083797	ZEA	mays	MAIZE	PAN 6Q-512 R	2009-02-11
ZA 20083799	ZEA	mays	MAIZE	PAN 6Q-702 BR	2009-02-11
ZA 20084025	ZEA	mays	MAIZE	PEX 120	2009-02-11
ZA 20084045	ZEA	mays	MAIZE	PEX 131	2009-02-11
ZA 20084040	ZEA	mays	MAIZE	PEX 143	2009-02-11
ZA 20084047	ZEA	mays	MAIZE	PEX 327 B	2009-02-11
ZA 20084048	ZEA	mays	MAIZE	PEX 333 B	2009-02-11
ZA 20084050	ZEA	mays	MAIZE	PEX 539 R	2009-02-11
ZA 20084010	ZEA	mays	MAIZE	PEX 544 R	2009-02-11
ZA 20032789	CUCURBITA	maxima	PUMPKIN	DULONG	2009-02-11
ZA 951207	CUCURBITA	maxima	SQUASH	PK 9013	2009-02-11
ZA 951208	CUCURBITA	maxima	PUMPKIN	PK 9014	2009-02-11
ZA 951200	CUCURBITA	maxima	SQUASH	STAR 7002	2009-02-11
ZA 20012459	CUCURBITA	maxima	PUMPKIN	STAR 7023	2009-02-11
ZA 20042964	CUCURBITA	maxima	SQUASH	STAR 7024	2009-02-11
ZA 992186	LYCOPERSICON	esculentum	TOMATO	STAR 9058	2009-02-11
ZA 971694	PHASEOLUS	vulgaris	GARDEN BEAN	GREEN MAX	2009-01-27
ZA 20043037	OSTEOSPERMUM	spp.	BITOU	SUNNY ALEX	2009-03-05
ZA 20043038	OSTEOSPERMUM	spp.	BITOU	SUNNY DARK	2009-03-05
ZA 20043039	OSTEOSPERMUM	spp.	BITOU	MARTHA	2009-03-05
ZA 20043036	OSTEOSPERMUM	spp.	BITOU	SUNNY INGRID	2009-03-05
ZA 20043040	OSTEOSPERMUM	spp.	BITOU	SUNNY PAVLOS	2009-03-05
ZA 20083849	Scabiosa	spp.	Pincusion flower	SUNNY SONJA	2009-03-05
ZA 20032923	Salvia	spp.	Sage	Lemon Sorbet	2009-08-03
ZA 20022591	Salvia	spp.	Sage	Malan White and Pink	2009-08-03
ZA 20022593	Cupressus	spp.	Cypress	Malfire	2009-08-03
ZA 20043048	Scaevola	spp.	Scaevola	Malgold	2009-08-03
ZA 20022578	Chrysanthemum	spp.	Chrysanthemum	Pink Fanfare	2009-08-03
ZA 20022594	Chrysanthemum	spp.	Chrysanthemum	Yoauburn	2009-08-17
ZA 20022577	Chrysanthemum	spp.	Chrysanthemum	Yobation rouge	2009-08-17
ZA 20027528	Chrysanthemum	spp.	Chrysanthemum	Ivory Youeurobelle	2009-08-17
ZA 981868	Zantedeschia	Sprengel.	Arum lily	Yokenya	2009-08-17
ZA 2002340	Argyranthemum	spp.	Daisy Bush	Schwarzwalder	2009-07-07
ZA 20012457	Argyranthemum	spp.	Daisy Bush	Pollyana	2009-12-15
ZA 20012341	Argyranthemum	spp.	Daisy Bush	Sophie Petite	2009-12-15
ZA 20002339	Bracteantha	bracteatum	Everlasting	Rosetta	2009-12-15
ZA 20002337	Bracteantha	bracteatum	Everlasting	Menindee Magic	2009-12-15
ZA 20020225	Gaura	spp.	Gaura	Sunraysia Splendor	2009-12-15
ZA 961407	Hebe	spp.	Shrubby Veronica	Suny Butterflies	2009-12-15
ZA 20022660	Mandevilla	spp.	Chilean Jasmine	Colour Parade	2009-12-15
ZA 971746	Rosa	spp.	Rose	Rainbow	2009-12-15
ZA 92832	Rosa	spp.	Rose	Tanmirsch	2009-12-15
ZA 951156	Rosa	spp.	Rose	Tanelorak	2009-12-15
ZA 971617	Rosa	spp.	Rose	Tanyab	2009-12-15
ZA 971602	Rosa	spp.	Rose	Meironsse	2009-12-15
ZA 971595	Rosa	spp.	Rose	Tanescon	2009-12-15
ZA 951153	Rosa	spp.	Rose	Tanedac	2009-12-15
ZA 951169	Rosa	spp.	Rose	Tantide	2009-12-15
ZA 971615	Rosa	spp.	Rose	Tanakni	2009-12-15
ZA 951128	Rosa	spp.	Rose	Tanitif	2009-12-15
ZA 92827	Rosa	spp.	Rose	Meixetal	2009-12-15
ZA 971755	Rosa	spp.	Rose	Tanaronam	2009-12-15
ZA 951134	Rosa	spp.	Rose	Meiklusy	2009-12-15
ZA 951172	Rosa	spp.	Rose	Meimouslin	2009-12-15
ZA 951135	Rose	spp.	Rose	Tanipep	2009-12-15
ZA 951170	Rosa	spp.	Rose	Meichojju	2009-12-15
ZA 951192	Rosa	spp.	Rose	Tanspolett	2009-12-15
				Tanetorde	2009-12-15

ZA 951174	Rosa	spp.	Rose	Taninaso	2009-12-15
ZA 951171	Rosa	spp.	Rose	Tanpretty	2009-12-15

## SCHEDULE

## PBR's EXPIRED

Application No.	Genus	Species	Common Name	Variety Denomination	Date Expired
ZA 941050	<i>Arachis</i>	<i>hypogaea</i>	Groundnut	Akwa	2009-08-02
ZA 941066	<i>Arachis</i>	<i>hypogaea</i>	Groundnut	Billy	2009-12-01
ZA 941063	<i>Cucurbita</i>	<i>maxima</i>	Squash/Pumpkin	STAR 7001	2009-08-02
ZA 941092	<i>Glycine</i>	<i>max</i>	Soyabean	Sonop	2009-11-03
ZA 941008	<i>Lactuca</i>	<i>sativa</i>	Lettuce	Raisa	2009-01-27
ZA 91715	<i>Leucospermum</i>	<i>spp.</i>	Pin Cushion	High Gold	2009-12-12
ZA 941031	<i>Lolium</i>	<i>multiflorum</i>	Westervold Ryegrass	Burgundy	2009-04-15
ZA 91706	<i>Lycopersicon</i>	<i>esculentum</i>	Tomato	STAR 9001	2009-11-18
ZA 91674	<i>Prunus</i>	<i>armeniaca</i>	Apricot	Ladisun	2009-07-15
ZA 941086	<i>Scaevola</i>	<i>spp.</i>	Scaevola	Purple Fanfare	2009-01-11
ZA 941023	<i>Trifolium</i>	<i>repens</i>	White clover	Waverley	2009-04-15
ZA 941057	<i>Triticum</i>	<i>aestivum</i>	Wheat	Betta-DN	2009-08-02
ZA 941055	<i>Triticum</i>	<i>aestivum</i>	Wheat	Kariaga	2009-08-02
ZA 941058	<i>Triticum</i>	<i>aestivum</i>	Wheat	Marico	2009-08-02
ZA 941058	<i>Triticum</i>	<i>aestivum</i>	Wheat	Tugela-DN	2009-08-02
ZA 941059	<i>Vigna</i>	<i>unguiculata</i>	Cowpea	Encore	2009-08-02