



# Government Gazette

**REPUBLIC OF SOUTH AFRICA**

*Regulation Gazette*

No. 7495

Vol. 449

Pretoria

8

November 2002

**No. 24005**



**AIDS HELPLINE: 0800-0123-22 Prevention is the cure**

No. R. 1382

8 November 2002

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

## SOUTH AFRICAN SEED POTATO CERTIFICATION SCHEME: AMENDMENT

I, Angela Thokozile Didiza, Minister of Agriculture, acting under section 23 of the Plant Improvement Act, 1976 (Act No. 53 of 1976), hereby amend the South African Seed Potato Certification Scheme published under Government Notice No. R. 664 of 15 May 1998, to the extent set out in the Schedule.

A. T. DIDIZA,

Minister of Agriculture.

## SCHEDULE

*Definition*

1. In this Schedule "the Scheme" means the South African Seed Potato Certification Scheme published under Government Notice No. R. 664 of 15 May 1998 and amended by R. 1206 of 1 December 2000 (as corrected by Government Notice No. R. 40 of 19 January 2001).

*Amendment of section 4 of the Scheme*

2. Section 4 of the Scheme is hereby amended by the substitution for the expression "national evaluation schemes" in paragraph (b) of subsection (1) of the expression "evaluation schemes".

*Substitution of section 5 of the Scheme*

3. The following section is hereby substituted for section 5 of the Scheme:

"5. (1) Greenhouses and *in vitro* multiplication facilities shall in terms of the provisions of the protocol, be accredited bi-annually by the authority and be provided with a certificate.

(2) In the case of a container in a greenhouse –

- (a) the unit shall be covered with an insect proof greenhouse; and
- (b) the floor area of the greenhouse shall be covered in such a manner that the roots of plants kept in containers thereon, cannot penetrate to the soil on which the greenhouse is erected.

(3) In the case of a unit intended for the cultivation of –

- (a) G0 seed potatoes, the growing medium and any water used shall be free from disease causing organisms, unless the growing medium has been effectively decontaminated;
- (b) G1 seed potatoes, the unit shall for a period of at least the preceding 10 years be free of –

- (i) The host plants specified in Table 1 of the Annexure; and
  - (ii) any plants of the spp. *Solanum tuberosum* L.,  
unless the authority determines otherwise.
- (c) G2 and G3 seed potatoes, the unit shall for at least the preceding 4 years, be free of –
- (i) the host plants specified in Table 1 of the Annexure; and
  - (ii) any plants of the spp. *Solanum tuberosum* L.,  
unless the authority determines otherwise.
- (d) G4, G5, G6, G7 and G8 seed potatoes, the unit shall for at least the preceding 3 years, be free of –
- (i) the host plants specified in Table 1 of the Annexure; and
  - (ii) any plants of the spp. *Solanum tuberosum* L.,  
unless the authority determines otherwise.
- (4) In the case of G2 or G3 seed potatoes that have been established on the same unit with seed potatoes of the following generations, the unit shall for at least the preceding 4 years be free of -
- (i) the host plants specified in Table 1 of the Annexure; and
  - (ii) any plants of the spp. *Solanum tuberosum* L.,  
unless the authority determines otherwise.”.

*Amendment of section 6 of the Scheme*

4. Section 6 of the Scheme is hereby amended –

- (a) by the substitution for the expression “one metre” in subparagraph (i) of paragraph (3) of the expression “two metres”;
- (b) by the substitution for the expression “uncertified” in subsection (5) of the expression “unregistered”;
- (c) by the substitution for the expression “two” in subsection (6) of the expression “three”;  
and
- (d) by the substitution for subsection (7) of the following subsection:

“(7) If seed potatoes differing more than three generations are indeed cultivated or irrigated together, the earliest generation shall be re-graded to a generation which is within two generations of the latest generation.”.

*Amendment of section 9 of the Scheme*

5. Section 9 of the Scheme is hereby amended by the substitution for paragraph (d) of subsection (4) of the following paragraph:

“in an enriching medium and has tested negatively for the presence of micro-organisms that are pathogens of *Solanum tuberosum* L..”.

*Amendment of section 10 of the Scheme*

6. Section 10 of the Scheme is hereby amended –

(a) by the substitution for paragraph (d) of subsection (1) of the following paragraph:

“(d) comply with the maximum percentage permissible with regard to –

- (i) virus infected seed potatoes as specified in Table 4 of the Annexure but not exceeding 2,5% of the total virus content according to the result of the field sample;
- (ii) potato tuber moth damage and pathogen infected seed potatoes as specified in Table 5 of the Annexure; and
- (iii) insect and non-pathogenic deviations as specified in Table 6 of the Annexure.”; and

(b) by the substitution for the expression “Table 5” in subsection (2) of the expression “Tables 5 and 6”.

*Amendment of section 12 of the Scheme*

7. Section 12 of the Scheme is hereby amended –

(a) by the deletion of paragraph (d) of subsection (3); and

(b) by the substitution for subsection (8) of the following subsection:

“(8)(a) Each unit shall be clearly identified by means of a name plate indicating the variety cultivated on that unit, as well as the block number.

(b) Subject to the provisions of paragraph (a) distinct boards shall be erected to distinguish between units on which plants are cultivated that are of the same variety but of different seed sources.”.

*Amendment of section 18 of the Scheme*

8. Section 18 of the Scheme is hereby amended –

(a) by the substitution for subparagraph (ii) of paragraph (d) of subsection (2) of the following subparagraph:

“(ii) G1 seed potatoes, 1 tuber every 10 meters in each row to a maximum of 4605 tubers over the whole planting; and”; and

(b) by the substitution for subsection (4) of the following subsection:

“(4) All field samples shall be taken according to the prescriptions of the protocol, under supervision of an officer or a person designated by the authority.”.

*Amendment of section 19 of the Scheme*

9. Section 19 of the Scheme is hereby amended by the substitution for subsection (4) of the following subsection:

“(4) Pending the results of the tests, the containers shall be sealed by the authority.”.

*Amendment of section 20 of the Scheme*

10. Section 20 of the Scheme is hereby amended by the substitution for paragraph (a) of subsection (3) of the following paragraph:

- "(a) the purpose contemplated in subsection (1)(b) –
- (i) in the case of G1 to G4 seed potatoes, be 200 tubers per 5 000 x 25 kg containers or a portion thereof; and
  - (ii) in the case of G5 to G8 seed potatoes, be 40 tubers per 5 000 x 25 kg containers or a portion thereof; and".

*Amendment of section 21 of the Scheme*

11. Section 21 of the Scheme is hereby amended by the substitution for subsection (2) of the following subsection:

"(2) All samples shall be taken according to the prescriptions of the protocol, under supervision of an officer or a person designated by the authority."

*Amendment of section 22 of the Scheme*

12. Section 22 of the Scheme is hereby amended by the substitution for paragraph (b) of subsection (2) of the following paragraph:

"(b) seed potatoes cultivated on different units, can be identified clearly and conspicuously;"

*Amendment of section 23 of the Scheme*

13. Section 23 of the Scheme is hereby amended –

- (a) by the substitution for paragraph (l) of subsection (1) of the following paragraph:
- "(l) the seed potatoes comply with the maximum percentage permissible with regard to virus infected seed potatoes as specified in Table 4; potato tuber moth damage and pathogen infected seed potatoes as specified in Table 5; and insect and non-pathogenic deviations as specified in Table 6 of the Annexure;" and
- (b) by the substitution for paragraph (m) of subsection (1) of the following paragraph:
- "(m) the seed potatoes have been classified in accordance to the class requirements specified in Tables 5 and 6 of the Annexure: Provided that the classification as Class Elite be awarded only to seed lots of which the virus content, according to the laboratory result of a field sample, is zero; and".

*Amendment of section 27 of the Scheme*

14. Section 27 of the Scheme is hereby amended by the substitution for subsection (5) of the following subsection:

"(5) The grower shall, to the satisfaction of the authority, present a realistic quantity of seed potatoes obtained from a unit, on each occasion for certification."

*Amendment of section 29 of the Scheme*

15. Section 29 of the Scheme is hereby amended by the substitution for subsection (4) of the following subsection:

"(4) The authority may request a grower to submit a report on a date, form and in a manner determined by the authority, of the particulars recorded in terms of this section."

*Amendment of section 30 of the Scheme*

16. Section 30 of the Scheme is hereby amended by the substitution for paragraph (a) of subsection (3) of the following paragraph:

"(a) remove and destroy the labels referred to in sections 25(5) and 28(4) from the containers of seed potatoes in respect of which certification has been withdrawn and is still in his possession;"

*Amendment of section 32 of the Scheme*

17. Section 32 of the Scheme is hereby amended by the substitution for the expression "paragrafe (c) en (d)" in the Afrikaans text of subsection (5) of the expression "subartikel (2)".

*Amendment of section 34 of the Scheme*

18. Section 34 of the Scheme is hereby amended by the substitution for paragraph (a) of subsection (3) of the following paragraph:

"(a) be recovered by means of levies and tariffs and be paid to the authority; and"

*Amendment of section 35 of the Scheme*

19. Section 35 of the Scheme is hereby amended by the substitution for subsection (2) of the following subsection:

"(2) Information pertaining to the regional office referred to in subsection (1) shall be obtained from –

The Executive Chairman  
Independent Certification Council for Seed Potatoes  
Private Bag X135  
PRETORIA  
0001

Telephone number: (012) 323 1696  
Fax number: (012) 323 9529  
e-mail address: ASD@agric.co.za".

*Substitution of Table 5 of the Scheme*

20. The table in Annexure A is hereby substituted for Table 5 of the Scheme.

*Addition of Table 6 to the Scheme*

21. The table in Annexure B is hereby added to the Scheme.

## Annexure A

"TABLE 5/TABEL 5

Maximum percentage potato tuber moth damage and pathogen infected seed potatoes permissible/  
Maksimum persentasie aartappelmoetskade en patoogenbesmette aartappelmoere toelaatbaar

ORGANISM OR CONDITION/ORGANISME OF TOESTAND	G0	G1 – G3			G4 – G6			G7 – G8		
		Elite	C1*/K1*	Std**	Elite	C1*/K1*	Std**	Elite	C1*/K1*	Std**
<b>A</b>										
<i>Globodera rostochiensis</i>	0	0	0	0	0	0	0	0	0	0
Bacterial wilt disease/ Bakteriese verwektsiekte	0	0	0	0	0	0	0	0	0	0
<i>Synchytrium endobioticum</i>	0	0	0	0	0	0	0	0	0	0
<b>B</b>										
<i>Oospora pustulans</i>	0	0,0	0,2	4,0	0,1	0,5	4,0	0,5	4,0	4,0
<i>Rhizoctonia solani</i>	0	0,5	1,0	20,0	1,0	8,0	20,0	1,0	8,0	20,0
<i>Spongospora subterranea</i>	0	0,0	0,2	4,0	0,1	0,5	4,0	0,5	4,0	4,0
<i>Streptomyces scabies</i>	0	0,1	0,5	8,0	0,5	1,0	8,0	1,0	8,0	8,0
Maximum joint percentage permissible for B/ Maksimum gesamentlike persentasie toelaatbaar vir B	0	0,5	1,0	20,0	1,0	8,0	20,0	1,0	8,0	20,0
<b>C</b>										
<i>Fusarium</i> spp.	0	0,2	0,5	5,0	0,5	1,0	5,0	1,0	5,0	5,0
<i>Phoma exigua</i>	0	0,2	0,5	3,0	0,5	1,0	3,0	1,0	2,0	3,0
<i>Pseudomonas fluorescens</i>	0	0,1	0,1	1,0	0,1	0,1	1,0	0,1	0,1	1,0
<i>Phytophthora infestans</i>	0	0,1	0,1	0,2	0,1	0,1	0,2	0,1	0,1	0,5
Maximum joint percentage permissible for C/ Maksimum gesamentlike persentasie toelaatbaar vir C	0	0,2	0,5	5,0	0,5	1,0	5,0	1,0	3,0	5,0
<b>D</b>										
<i>Meloidogyne</i> spp.	0	0,1	0,2	1,0	0,1	0,5	1,0	0,5	1,0	1,0
<i>Pratylenchus</i> spp.	0	0,1	0,5	5,0	0,5	1,0	5,0	1,0	2,0	5,0
Maximum joint percentage permissible for D/ Maksimum gesamentlike persentasie toelaatbaar vir D	0	0,1	0,5	5,0	0,5	1,0	5,0	1,0	2,0	5,0

ORGANISM OR CONDITION/ORGANISME OF TOESTAND	G0	G1 – G3			G4 – G6			G7 – G8			
		Elite	C1*/K1*	Std**	Elite	C1*/K1*	Std**	Elite	C1*/K1*	Std**	
Scientific name/ Wetenskaplike naam	Common name/ Gewone naam										
<b>E</b>											
Potato tuber moth: eye damage Aartappelmot: ogiebeskading		0	0,2	0,5	3,0	1,0	2,0	3,0	1,0	2,0	3,0
Potato tuber moth: surface damage Aartappelmot: oppervlaktebeskading		0	0,2	1,0	4,0	2,0	3,0	3,0	2,0	3,0	4,0
Maximum joint percentage permissible for E/ Maksimum gesamentlike persentasie toelaatbaar vir E		0	0,2	1,0	4,0	2,0	3,0	4,0	2,0	3,0	4,0
<b>F</b>											
<i>Colletotrichum coccodes</i>	Black Dot/Antraknose	0	0,5	2,0	30,0	5,0	15,0	30,0	10,0	20,0	30,0
<i>Helminthosporium solani</i>	Silver scurf/Silwerskurf	0	0,5	2,0	30,0	5,0	15,0	30,0	10,0	20,0	30,0
Maximum joint percentage permissible for F/ Maksimum gesamentlike persentasie toelaatbaar vir F		0	0,5	2,0	30,0	5,0	15,0	30,0	10,0	20,0	30,0

\* C1 – Class 1

\*\* Std – Standard Class

\* K1 – Klas 1

\*\* Std – Standaardklas.



## Annexure B

**"TABLE 6/TABEL 6**  
**Maximum percentage insect and non-pathogenic deviations permissible in seed potatoes/**  
**Maksimum persentasie insek- en nie-patogene afwykings by aartappelmoere toelaatbaar**

ORGANISM OR CONDITION/ORGANISME OF TOESTAND Common name/ Gewone naam	G0	G1 - G3			G4 - G6			G7 - G8		
		Elite	C1*/ K1*	Std**	Elite	C1*/ K1*	Std**	Elite	C1*/ K1*	Std**
Wet rot/ Natvrot	0	0,1	0,1	0,2	0,1	0,1	0,2	0,1	0,1	0,2
Rotting of a hollow heart seed potato/ Verrotting van 'n holhart aartappelmoer	0	1,0	2,0	3,0	1,0	2,0	3,0	1,0	2,0	3,0
Frost damage, Sunscald/ Rypskade, Sonbrand		0,1	0,1	0,5	0,1	0,2	0,5	0,1	0,2	0,5
Washed seed potatoes/ Gewaste aartappelmoere	0	0,1	0,1	0,2	0,1	0,1	0,2	0,1	0,1	0,2
<b>Maximum joint percentage permissible/ Maksimum gesamentlike persentasie toelaatbaar</b>	<b>0</b>	<b>1,0</b>	<b>2,0</b>	<b>3,0</b>	<b>1,0</b>	<b>2,0</b>	<b>3,0</b>	<b>1,0</b>	<b>2,0</b>	<b>3,0</b>

\* C1 - Class 1

\*\* Std - Standard Class

\* K1 - Klas 1

\*\* Std - Standaardklas".