

# Swaziland Government Gazette

VOL. XL]

MBABANE, Friday, JANUARY 11th., 2002

[No. 789

## **CONTENTS**

No.	Pa	ıge
	ADVERTISEMENTS	2
	CONTENTS OF SUPPLEMENT	
	PART C - LEGAL NOTICES	
1. The Seeds and	ant Varieties Regulations, 2002	SI
J.		

PUBLISHED BY AUTHORITY

#### NOTICE

## ESTATE LATE: WILLIAM MONTEITH STIRLING E.H83/2000

Notice is hereby given in terms of Section 51 bis of the Administration of Estates Act No. 28/1902 that the First and Final Liquidation and Distribution Account will lie open for inspection at the office of the Master of the High Court of Swaziland at Mbabane for a period of twenty one (21) days from the date of publication of this Notice.

Any person objecting to the Account may lodge his/her objection in writing, in duplicate with the Master of the High Court at any time before expiry of the said period.

DATED AT MBABANE ON THIS 14TH DAY OF DECEMBER, 2001.

MILLIN & CURRIE Incorporating R. D Friedlander & Co. Attorneys for Executrix 1st Floor Development House P. O. Box A240 Swazi Plaza

C2058 2x28-12-2001

#### NOTICE

Notice is hereby given that I, Ruth D. Nubunga of Hhohho Region intend to apply to the Honourable Minister of Justice of the Kingdom of Swaziland for authorisation to assume the surname Mohlala after the fourth publication of this notice in each of the four consecutive weeks in the Times of Swaziland/ The Swazi Observer being the newspapers circulating in the Region where I reside and designated for this purpose by the Regional Secretary for the Hhohho Region and in the Government Gazette.

The reason I want to assume the surname is because Mohlala is my natural surname.

Any person or persons likely to object to my assuming the surname Mohlala should lodge their objections in writing with me at the address given below and with the Regional Secretary for Hhohho Region.

P. O. Box 183 Pigg's Peak

C2064 4x11-01-2002

#### NOTICE

#### ESTATE LATE: DUMSANE P. SITHOLE ESTATE NO. EL19/2001

Notice is hereby given in terms of Section 52 bis of the Administration of Estates Act No. 28/1902 that the First and Final Liquidation Account will lie open at the office of the Master of the High Court of Swaziland Mbabane for a period of twenty one (21) days from the date of publication of this Notice.

Any person objecting to the account may lodge his/her objection in writing in duplicate with the Master of the High Court at any time before expiry of the said period.

BUSIE SITHOLE Maloma Store P/B Manzini

D6 11/01/2002

#### NOTICE

Notice is hereby given that I, Simon M. Dvuba of Lubombo Region intend to apply to the Honourable Minister of Justice of the Kingdom of Swaziland for authorisation to assume the surname Dlamini after the fourth publication of this notice in each of the four consecutive weeks in the Times of Swaziland/The Swazi Observer being the newspapers circulating in the Region where I reside and designated for this purpose by the Regional Secretary for the Lubombo Region and in the Government Gazette.

The reason I want to assume the surname is because Dlamini is my natural surname.

Any person or persons likely to object to my assuming the surname Dlamini should lodge their objections in writing with me at the address given below and with the Regional Secretary for Lubombo Region.

P. O. Box 67 Manzini

D8 4x1/02/2002

#### NOTICE

#### ESTATE LATE: PRINCE MAHEBEDLA DLAMINI ESTATE NO. EM297/97

Notice is hereby given in terms of Section 52 bis of the Administration of Estates Act No. 28/1902 that the First and Final Liquidation Account will lie open at the office of the Master of the High Court of Swaziland Mbabane for a period of twenty one (21) days from the date of publication of this Notice.

Any person objecting to the account may lodge his/her objection in writing in duplicate with the Master of the High Court at any time before expiry of the said period.

BEN J SIMELANE & ASSOCIATES Attorney for the Executor Dative 2nd Floor Makabongwe House P O Box 1444 Matsapha

D1 11/01/2002

#### NOTICE

## ESTATE LATE: CHRISTINE BONGEKILE DLAMINI ESTATE NO. EL2/99

Notice is hereby given in terms of Section 52 bis of the Administration of Estates Act No. 28/1902 that the First and Final Liquidation Account will lie open at the office of the Master of the High Court of Swaziland Mbabane for a period of twenty one (21) days from the date of publication of this Notice.

Any person objecting to the account may lodge his/her objection in writing in duplicate with the Master of the High Court at any time before expiry of the said period.

JOHN L. DLAMINI P O Box 12 Manzini

D7 11/01/2002

#### S.G.G. NO. 789, FRIDAY, JANUARY 11, 2002

4

#### NOTICE

#### IN THE HIGH COURT OF SWAZILAND

HELD AT MBABANE

CASE NO. 1237/96

In the matter between:-

SWAZILAND DEVELOPMENT AND SAVINGS BANK

Plaintiff

and

ELIAS MDUNGAZWE MATSEBULA

Defendant

#### NOTICE OF SALE IN EXECUTION IMMOVABLE PROPERTY

NOTICE IS HEREBY GIVEN that the undermentioned property will be sold by Public Auction by the Adhoc Deputy Sheriff for the District of Shiselweni outside the Nhlangano Magistrates Court Building at 12.00 noon on Friday the 11th day of January, 2002.

The property consists of:-

**CERTAIN** 

: Farm No. 594, Shiselweni Region.

**MEASURING** 

85,6532 (Eighty-Five Comma Six Thousand Five Hundred and Thirty-

Two) Hectares

HELD UNDER

Deed of Transfer No. 550/1993.

RESERVE PRICE

E60,000.00 (Sixty Thousand Emalangeni)

The conditions of sale are available for inspection at the offices of the Sheriff of Swaziland at the High Court Building, Mbabane, Magistrates' Court Nhlangano and at the offices Mlangeni and Company, 3<sup>rd</sup> Floor, Liqhaga Building, Nkoseluhlaza Street, Manzini.

DATED AT MBABANE ON THIS 11TH DAY OF DECEMBER, 2001.

MRS T. S. MAZIYA Sheriff of Swaziland c/o The Registrar of the High Court Mbabane

D2 11/01/2002

#### **NOTICE**

#### ESTATE LATE: THOMAS MAGUBUDLA MNISI ESTATE NO. ES134/2000

Debtors and Creditors in the abovementioned estate are hereby asked to lodge their claims and pay their debts with the undersigned within thirty (30) days after the date of publication of this notice.

MR JOSHUA MNISI P.O. Box Gege Post Office Via Nhlangano Gege

D3 11/01/2002

#### NOTICE

## ESTATE LATE: ZOFA SOLOMON MOLIVA DLAMINI ESTATE NO. EH228/2001

Notice is hereby given in terms of Section 52 bis of the Administration of Estates Act No. 28/1902 that the First and Final Liquidation Account will lie open at the office of the Master of the High Court of Swaziland Mbabane for a period of twenty one (21) days from the date of publication of this Notice.

Any person objecting to the account may lodge his/her objection in writing in duplicate with the Master of the High Court at any time before expiry of the said period.

BARNABAS DLAMINI P.O. Box 361 Mbabane

D9 11/01/2002

#### NOTICE

## ESTATE LATE: DAVID MBONGENI MDLULI ESTATE NO. ES87/2001

Notice is hereby given in terms of Section 52 bis of the Administration of Estates Act No. 28/1902 that the First and Final Liquidation Account will lie open at the office of the Master of the High Court of Swaziland Mbabane for a period of twenty one (21) days from the date of publication of this Notice.

Any person objecting to the account may lodge his/her objection in writing in duplicate with the Master of the High Court at any time before expiry of the said period.

JULUKA MDLULI P.O. Box 625 Nhlangano

D13 11/01/2002

#### NOTICE

## ESTATE LATE: PHAZAMISA L. SIMELANE ESTATE NO. EH230/98

Notice is hereby given in terms of Section 52 bis of the Administration of Estates Act No. 28/1902 that the First and Final Liquidation Account will lie open at the office of the Master of the High Court of Swaziland Mbabane for a period of twenty one (21) days from the date of publication of this Notice.

Any person objecting to the account may lodge his/her objection in writing in duplicate with the Master of the High Court at any time before expiry of the said period.

JOYCE SIMELANE P.O. Box 443 Bhunya

D14 11/01/2002

#### NOTICE

## ESTATE LATE: CYPRIAN MUGWANGUVA DLAMINI ESTATE NO. EM385/2001

Notice is hereby given in terms of Section 52 bis of the Administration of Estates Act No. 28/1902 that the First and Final Liquidation Account will lie open at the office of the Master of the High Court of Swaziland Mbabane for a period of twenty one (21) days from the date of publication of this Notice.

Any person objecting to the account may lodge his/her objection in writing in duplicate with the Master of the High Court at any time before expiry of the said period.

FLORAH MAMBA P.O. Box Luyengo Via Manzini

D17 11/01/2002

#### **NOTICE**

## ESTATE LATE: JEREMIAH GUMEDZE ESTATE NO. EH148/98

Notice is hereby given in terms of Section 52 bis of the Administration of Estates Act No. 28/1902 that the First and Final Liquidation Account will lie open at the office of the Master of the High Court of Swaziland Mbabane for a period of twenty one (21) days from the date of publication of this Notice.

Any person objecting to the account may lodge his/her objection in writing in duplicate with the Master of the High Court at any time before expiry of the said period.

SARAH GUMEDZE P.O. Box 1571 Mbabane

D20 11/01/2002

#### NOTICE

## ESTATE LATE: DUMSANE ZENZELE MDLULI ESTATE NO. EH113/2001

Notice is hereby given in terms of Section 52 bis of the Administration of Estates Act No. 28/1902 that the First and Final Liquidation Account will lie open at the office of the Master of the High Court of Swaziland Mbabane for a period of twenty one (21) days from the date of publication of this Notice.

Any person objecting to the account may lodge his/her objection in writing in duplicate with the Master of the High Court at any time before expiry of the said period.

ALICE MDLULI P.O. Box 18 Ntfonjeni

D23 11/01/2002

#### NOTICE

## ESTATE LATE: ELIAS M. SIBANYONI ESTATE NO. EM306/2001

Notice is hereby given in terms of Section 52 bis of the Administration of Estates Act No. 28/1902 that the First and Final Liquidation Account will lie open at the office of the Master of the High Court of Swaziland Mbabane for a period of twenty one (21) days from the date of publication of this Notice.

Any person objecting to the account may lodge his/her objection in writing in duplicate with the Master of the High Court at any time before expiry of the said period.

DELISILE SIBANYONI P.O. Box 50 Bhunya

D30 11/01/2002

#### **NOTICE**

## ESTATE LATE: SAMSON MADEVU DLAMINI ESTATE NO. EH343/2000

Notice is hereby given in terms of Section 52 bis of the Administration of Estates Act No. 28/1902 that the First and Final Liquidation Account will lie open at the office of the Master of the High Court of Swaziland Mbabane for a period of twenty one (21) days from the date of publication of this Notice.

Any person objecting to the account may lodge his/her objection in writing in duplicate with the Master of the High Court at any time before expiry of the said period.

ROBERT DLAMINI P.O. Box 4276 Mbabane

D39 11/01/2002

#### NOTICE

## ESTATE LATE: PHILISIWE V. DLAMINI ESTATE NO. EM380/2001

Notice is hereby given in terms of Section 52 bis of the Administration of Estates Act No. 28/1902 that the First and Final Liquidation Account will lie open at the office of the Master of the High Court of Swaziland Mbabane for a period of twenty one (21) days from the date of publication of this Notice.

Any person objecting to the account may lodge his/her objection in writing in duplicate with the Master of the High Court at any time before expiry of the said period.

MINAH GAMEDZE P.O. Box 38 Sidvokodvo

D38 11/01/2002

#### NOTICE

## ESTATE LATE: SALEBONA ENOCK DLAMINI ESTATE NO. EM305/2001

Notice is hereby given in terms of Section 52 bis of the Administration of Estates Act No. 28/1902 that the First and Final Liquidation Account will lie open at the office of the Master of the High Court of Swaziland Mbabane for a period of twenty one (21) days from the date of publication of this Notice.

Any person objecting to the account may lodge his/her objection in writing in duplicate with the Master of the High Court at any time before expiry of the said period.

MASWAZI B. DLAMINI P.O. Box 20 Hlatsi

D37 11/01/2002

#### NOTICE

## ESTATE LATE: ROSE CABUZILE DLAMINI ESTATE NO. EH35/2001

Notice is hereby given in terms of Section 52 bis of the Administration of Estates Act No. 28/1902 that the First and Final Liquidation Account will lie open at the office of the Master of the High Court of Swaziland Mbabane for a period of twenty one (21) days from the date of publication of this Notice.

Any person objecting to the account may lodge his/her objection in writing in duplicate with the Master of the High Court at any time before expiry of the said period.

MATILDAH T. MNISI P.O. Box 511 Mbabane

D36 11/01/2002

#### NOTICE

## ESTATE LATE: JOSEPH HOMEY LUKHELE ESTATE NO. ES195/2000

Notice is hereby given in terms of Section 52 bis of the Administration of Estates Act No. 28/1902 that the First and Final Liquidation Account will lie open at the office of the Master of the High Court of Swaziland Mbabane for a period of twenty one (21) days from the date of publication of this Notice.

Any person objecting to the account may lodge his/her objection in writing in duplicate with the Master of the High Court at any time before expiry of the said period.

MRS PHINDILE G. LUKHELE P.O. Box 586 Hlatikulu Swaziland

D35 11/01/2002

#### **NOTICE**

## ESTATE LATE: LUCY TIGEZILE SIHLONGONYANE ESTATE NO. EM170/99

Notice is hereby given in terms of Section 52 bis of the Administration of Estates Act No. 28/1902 that the First and Final Liquidation Account will lie open at the office of the Master of the High Court of Swaziland Mbabane for a period of twenty one (21) days from the date of publication of this Notice.

Any person objecting to the account may lodge his/her objection in writing in duplicate with the Master of the High Court at any time before expiry of the said period.

VUSIE SIHLONGONYANE P.O. Box 4750 Manzini

D32 11/01/2002

#### **NOTICE**

#### ESTATE LATE: OBED FANANA NDLOVU ESTATE NO. EL201/2001

Debtors and Creditors in the abovementioned estate are hereby asked to lodge their claims and pay their debts with the undersigned within thirty (30) days after the date of publication of this notice.

JOSEPHINA NDLOVU P.O. Box 36 Lomahasha

D4 11/01/2002

### NOTICE

## ESTATE LATE: NDUMISO MICHAEL MNDZEBELE ESTATE NO. EM158/2001

Debtors and Creditors in the abovementioned estate are hereby asked to lodge their claims and pay their debts with the undersigned within thirty (30) days after the date of publication of this notice.

ELENOR BHEMBE P.O. Box 1029 Manzini

D5 11/01/2002

#### **NOTICE**

#### ESTATE LATE: MZULULEKI ENOCK SIFUNDZA ESTATE NO. EL222/2001

Debtors and Creditors in the abovementioned estate are hereby asked to lodge their claims and pay their debts with the undersigned within thirty (30) days after the date of publication of this notice.

PHILEMON MALANDVULA P.O. Box 329 Simunye

D10 11/01/2002

#### S.G.G. NO. 789, FRIDAY, JANUARY 11, 2002

10

#### NOTICE

#### ESTATE LATE: GIDEON MAGWAZA T. SHABANGU ESTATE NO. EL230/2001

Debtors and Creditors in the abovementioned estate are hereby asked to lodge their claims and pay their debts with the undersigned within thirty (30) days after the date of publication of this notice.

MR MBONGWA SHABANGU P.O. Box 686 Mbabane

D11 11/01/2002

#### NOTICE

#### ESTATE LATE: AMOS MGCIBELO NDZIMANDZE ESTATE NO. EL153/2001

Debtors and Creditors in the abovementioned estate are hereby asked to lodge their claims and pay their debts with the undersigned within thirty (30) days after the date of publication of this notice.

LOKUSA AGNES NDZIMANDZE P.O. Box 305 Siteki

D12 11/01/2002

#### **NOTICE**

#### ESTATE LATE: RICHARD MPINI TSABEDZE ESTATE NO. EM206/2001

Debtors and Creditors in the abovementioned estate are hereby asked to lodge their claims and pay their debts with the undersigned within thirty (30) days after the date of publication of this notice.

BEN TSABEDZE P.O. Box 571 Manzini

D15 11/01/2002

#### NOTICE

#### ESTATE LATE: NKULULEKO SOLOMON KUNENE ESTATE NO. EL224/2001

Debtors and Creditors in the abovementioned estate are hereby asked to lodge their claims and pay their debts with the undersigned within thirty (30) days after the date of publication of this notice.

BACHAZILE KUNENE P.O. Box 25 Simunye

D16 11/01/2002

#### NOTICE

#### ESTATE LATE: FRANCE ELPHAS MAGAGULA ESTATE NO. EL166/2001

Debtors and Creditors in the abovementioned estate are hereby asked to lodge their claims and pay their debts with the undersigned within thirty (30) days after the date of publication of this notice.

EMMELINAH MAGAGULA NEE PHALA P.O. Box 181 Vuvulane

D18 11/01/2002

#### NOTICE

#### ESTATE LATE: SAMSON M. JEKE MAZIYA ESTATE NO. EL190/2001

Debtors and Creditors in the abovementioned estate are hereby asked to lodge their claims and pay their debts with the undersigned within thirty (30) days after the date of publication of this notice.

MHLOTJISWA & SAMUEL MAZIYA P.O. Box 583 Siteki

D19 11/01/2002

#### NOTICE

#### ESTATE LATE: ALMON MANGALISO SIBEKO ESTATE NO. EM234/2001

Debtors and Creditors in the abovementioned estate are hereby asked to lodge their claims and pay their debts with the undersigned within thirty (30) days after the date of publication of this notice.

JOSEPH SIBEKO P.O. Box 1978 Matsapha

D21 11/01/2002

## NOTICE

#### ESTATE LATE: DAISY MAY DLAMINI ESTATE NO. EM413/2001

Debtors and Creditors in the abovementioned estate are hereby asked to lodge their claims and pay their debts with the undersigned within thirty (30) days after the date of publication of this notice.

MLIMI MAMBA P.O. Box 4587 Manzini

D22 11/01/2002

#### **NOTICE**

#### ESTATE LATE: JABULANI MNISI ESTATE NO. EL170/2001

Debtors and Creditors in the abovementioned estate are hereby asked to lodge their claims and pay their debts with the undersigned within thirty (30) days after the date of publication of this notice.

THANDI MNISI P.O. Box 199 Siteki

D24 11/01/2002

#### **NOTICE**

#### ESTATE LATE: SAMSON BHUBHA GAMA ESTATE NO. EH252/2001

Debtors and Creditors in the abovementioned estate are hereby asked to lodge their claims and pay their debts with the undersigned within thirty (30) days after the date of publication of this notice.

THEMBI GAMA NEE MALINGA P.O. Box 1580 Mbabane

D25 11/01/2002

#### NOTICE

#### ESTATE LATE: ELMON MHLUPHEKI NHLABATSI ESTATE NO. EL206/2001

Debtors and Creditors in the abovementioned estate are hereby asked to lodge their claims and pay their debts with the undersigned within thirty (30) days after the date of publication of this notice.

KHETSIWE THOKOZILE NHLABATSI P.O. Box 125 Siteki

D26 11/01/2002

#### **NOTICE**

#### ESTATE LATE: MILTON SIPHO NKAMBULE ESTATE NO. EM348/2001

Debtors and Creditors in the abovementioned estate are hereby asked to lodge their claims and pay their debts with the undersigned within thirty (30) days after the date of publication of this notice.

TRYPHINA & WELCOME NKAMBULE P.O. Box 70 Mankayane

D27 11/01/2002

#### **NOTICE**

## ESTATE LATE: MADIKANE LUTJEKU MABASA ESTATE NO. EP58/2001

Debtors and Creditors in the abovementioned estate are hereby asked to lodge their claims and pay their debts with the undersigned within thirty (30) days after the date of publication of this notice.

SIBOSHWA MABASA P.O. Box 90 Tshaneni

D28 11/01/2002

#### NOTICE

## ESTATE LATE: DUMSANI MAKHOSEVELO VILAKATI ESTATE NO. ES231/2001

Debtors and Creditors in the abovementioned estate are hereby asked to lodge their claims and pay their debts with the undersigned within thirty (30) days after the date of publication of this notice.

DORIS VILAKATI P.O. Box 113 Nhlangano

D29 11/01/2002

#### **NOTICE**

#### ESTATE LATE: THOMAS T. DLAMINI ESTATE NO. EL197/2001

Debtors and Creditors in the abovementioned estate are hereby asked to lodge their claims and pay their debts with the undersigned within thirty (30) days after the date of publication of this notice.

ESTHER DLAMINI NEE GAMA P.O. Box 406 Siteki

D34 11/01/2002

#### NOTICE

#### ESTATE LATE: JEREMIAH M. HLATSHWAYO ESTATE NO. ES268/2000

Debtors and Creditors in the abovementioned estate are hereby asked to lodge their claims and pay their debts with the undersigned within thirty (30) days after the date of publication of this notice.

DUDU HLATSHWAYO P.O. Box 285 Mbabane

D33 11/01/2002

#### NOTICE

#### ESTATE LATE: LUKE FANA NDLANGAMANDLA ESTATE NO. ES227/2001

Debtors and Creditors in the abovementioned estate are hereby asked to lodge their claims and pay their debts with the undersigned within thirty (30) days after the date of publication of this notice.

LOMCEBO L. NDLANGAMANDLA Mbelebele Grocery P/B Hlatsi

D31 11/01/2002

#### NOTICE

#### ESTATE LATE: JEREMIAH MFANUSOBALA SIMELANE ESTATE NO. ES206/2001

Debtors and Creditors in the abovementioned estate are hereby asked to lodge their claims and pay their debts with the undersigned within thirty (30) days after the date of publication of this notice.

MSHIYENI A. SIMELANE P.O. Box 184 Hluti

D40 11/01/2002

#### NOTICE

#### ESTATE LATE: SIBUSISO SIPHO MAGONGO ESTATE NO. EL138/1999

Debtors and Creditors in the abovementioned estate are hereby asked to lodge their claims and pay their debts with the undersigned within thirty (30) days after the date of publication of this notice.

MAQOMANE B. MAGONGO P.O. Box 45 Siteki

D41 11/01/2002

#### **NOTICE**

#### ESTATE LATE: SIBUSISO THINTIZULU SIMELANE ESTATE NO. EH316/2000

Debtors and Creditors in the abovementioned estate are hereby asked to lodge their claims and pay their debts with the undersigned within thirty (30) days after the date of publication of this notice.

FREDDERICK FAKUDZE P.O. Box 452 Hlathikhulu

D42 11/01/2002

## **NOTICE**

## ESTATE LATE: ELIAS JEJANA SIMELANE ESTATE NO. ES188/2001

Debtors and Creditors in the abovementioned estate are hereby asked to lodge their claims and pay their debts with the undersigned within thirty (30) days after the date of publication of this notice.

JANE SIMELANE P.O. Box 48 Nhlangano

D43 11/01/2002

The Government Printer, Mbabane

# SUPPLEMENT TO

## THE

# **SWAZILAND GOVERNMENT**

## **GAZETTE**

VOL. XL]

No.

MBABANE, Friday, JANUARY 11th., 2002

[No. 789

Page

## **CONTENTS**

PART C - LEGAL NOTICES										
1. The Seeds and Plant Varieties Regulations, 2002								S1		

PUBLISHED BY AUTHORITY

## LEGAL NOTICE NO. 1 OF 2002

### THE SEEDS AND PLANT VARIETIES ACT, 2000 (Act No. 7/2000)

## THE SEEDS AND PLANT VARIETIES REGULATIONS 2002 (Under section 33)

#### ARRANGEMENTS OF REGULATIONS

#### PART 1

#### PRELIMINARY PROVISIONS

- 1. Citation and Commencement
- 2. Interpretation

#### PART 2

#### GENERAL PROVISIONS

- 3. Prescribed seeds
- 4. The Seed Quality control of Swaziland
- 5. Sale of Seeds
- 6. Certification of seed
- 7. Declaration of seed quality8. Registration as a seed grower
- 9. Field inspection
- 10. Licence of seed processing
- 11. Seed seller's licence
- 12. Sampling of seed
- 13. Testing of seeds
- 14. Control growing
- 15. Packing and labelling of seed
- 16. Validity of certification and quality declaration
- 17. Importation of seed
- 18. Appeals
- 19. Fees

#### LIST OF SCHEDULES

FIRST SCHEDULE - Prescribed seeds

SECOND SCHEDULE - Seed for compulsory certification

THIRD SCHEDULE - Seed certification scheme

FOURTH SCHEDULE - Standards for Swaziland Certified seed

FIFTH SCHEDULE - Minimum standards of seed quality SIXTH SCHEDULE

Prescribed fees

SEVENTH SCHEDULE

Prescribed forms

In exercise of the powers contained in sections 25 and 33 of the Seed and Plant Varieties Act, 2000, the Minister of Agriculture makes the following Regulations-

#### Citation

1. These Regulations may be cited as the Seeds and Plants Varieties Regulations, 2002 and shall come into force on publication.

#### Interpretation

- 2. In these regulations unless the context otherwise indicates
  - "Registrar of Seeds" means the person so designated by the Minister of Agriculture and Cooperatives;
  - "Act" means the Seeds and Plant Varieties Act of 2000
  - "Control growing" means the growing of plants under tests to determine the cultivar purity and disease infection;
  - "Cultivar" means a subdivision of any species of seed which can be distinguished from other subdivisions of that species by means of growth, plant, fruit or other characteristics;
  - "Field inspection" means an inspection of a seed field and includes the checking of isolation, hecterage, off-types and weeding usually as part of a seed certification programme;
  - "Germination capacity" means the percentage by number of seeds which, in the course of a germination test, have produced normal seedlings:
  - "isolation" means the required distance between two crops of the same species or between two crops of too closely related species to prevent contamination either mechanically or by pollination;
  - "I.S.T.A." means the International Seed Testing Association;
  - "noxious weed" means weed species declared noxious by the Registrar of Seeds and incorporated into annex 1, "Specific Requirements relating to Seeds";
  - "off-type plant" means a plant which does not exhibit the recognised and accepted habits and characteristics of the cultivar being grown;
  - "purity" means the percentage by weight of pure seed as determined by purity analysis;
  - "seed certification" means a system for quality control of seed multiplication and production;
  - "seed class" means a stage in a seed multiplication system well defined in respect of parent seed, standard of cultivation and seed quality;
  - "Seed lot" means a specified quantity of seed, which is homogeneous and physically identifiable;

- "S.Q.C.S." means the Seed Quality Control Services of Swaziland;
- "Variety" means an assemblage of cultivated individuals which are distinguished by any character (morphological, physiological, cytological, chemical or others) significant for the purpose of agriculture, horticulture or forestry, and which when reproduced (sexually or asexually) retain their distinguishing characters;
- "weed plant" is any plant which is not of the same species as the crop being grown and which is generally considered as a weed;

#### Prescribed Seeds

3. The seeds set out in the First Schedule shall be prescribed seed for the purposes of the Act.

### The Seed Quality Control Services of Swaziland

- 4. (1) The Seed Quality Control Services of Swaziland shall be + an official seed-testing station and also the official certification authority.
- (2) The SQCS shall have official seed testers and seed inspectors whose appointment shall be notified by public gazette.
- (3) The specific requirements relating to maize, beans and cotton as contained in Annex 1 of these Regulations shall constitute working manuals of the SQCS.

#### Sale of seeds

- 5. (1) No seed shall be offered for sale unless it has been certified or it has had its quality declared under regulation 7, except under emergencies, as specified in the Third Schedule, when the Registrar of Seeds will establish emergency standards for an emergency class.
- (2) No species of seed set out in the Second Schedule shall be offered for sale unless it has been certified.

#### Certification of seed

- 6. (1) No seed shall be certified unless it has been produced, inspected, sampled, tested and complies with the standards set out in the Fourth Schedule.
- (2) Seed shall be certified in six (6) classes as set out in the Third Schedule, provided that a seed lot may be down-graded on the request of the applicant.
- (3) Only cultivars which have been approved by the Registrar of Seeds shall be eligible for certification.
- (4) Any crop which contains noxious weeds or noxious ergots shall not be eligible for certification.

#### Declaration of Seed Quality

7. Seeds whose quality conform to the standards set out in the Fifth Schedule shall have their quality declared as such.

#### Registration as a Seed Grower

- 8. (1) An application for registration as a seed grower shall be made in Form 1 as set out in the Seventh Schedule.
- (2) Each application shall be accompanied by the appropriate fee and shall refer to the growing of one crop only
- (3) An application shall not be approved in respect of land on which during the preceding season other cultivars of the same crop or other too closely related crops have been grown.
- (4) On registration as a seed grower, the Registrar of Seeds shall furnish to the applicant a certificate of registration in Form 2 set out in the Seventh Schedule, which certificate shall specify the conditions with regard to the growing of the registered seed crop.
- (5) Unless the Registrar of Seeds decides other-wise, only one cultivar of the same species shall be permitted on the same farm.
- (6) The registered seed crop shall not exceed the approved hectarage by more than ten percent, any excess over this amount shall be destroyed without compensation, immediately on the request of an authorised seed inspector.
  - (7) The Registrar of Seeds shall keep a register of registered seed growers.
- (8) The grower shall plant the appropriate parent seed for the production of his registered seed class and shall keep a record of such parentage including certification labels and invoices as may be sufficient to satisfy the Registrar of Seeds in this respect.

#### Field Inspection

- 9. (1) Field inspections for the purpose of certification shall be conducted by persons authorised by the Seed Quality Control Services to be seed inspectors.
- (2) A seed inspector conducting a field inspection shall refuse to certify a crop if he is satisfied that
  - (i) the crop is so heavily contaminated with weeds, other species or diseases as to render the crop unfit for seed or make inspection impracticable; or
  - (ii) the isolation distance or the standards relating to off-types and other cultivars, prescribed in the Fourth schedule have not been complied with; or
  - (iii) for hybrids of maize, sorghum and sunflower there are more than one pollinating females per hundred plants;
  - (iv) the crop exceeds the approved and registered hectarage by more than ten percent.
- (3) For the purpose of certification an inspector shall conduct at least three field inspections per crop. Additionally, for hybrids, at least three inspections shall be conducted during pollination.
- (4) A report of every field inspection shall be made by a seed inspector in Form 3a for hybrid seed maize or 3b for other crops as set out in the Seventh schedule, and shall be countersigned by the registered grower or the grower's representative.

#### Licence for processing

- 10. (1) A person shall not process seeds without a licence to process seed in Form 5 of the Seventh Schedule issued by the Registrar of Seeds.
- (2) An application for a licence to process seed shall be made in Form 4 of the Seventh Schedule and shall be accompanied by the appropriate fee.
- (3) The Registrar of Seeds shall issue a licence to process seed if he is satisfied that the applicant has the ability and the appropriate processing facilities to produce quality seed.
  - (4) A licence to process seed shall-
    - (i) set out the conditions relating to the processing of seed;
    - (ii) be valid for twelve (12) months
    - (iii) the Registrar shall revoke the validity of such licence if he thinks it necessary
  - (5) The Registrar of Seeds shall maintain a register of holders of licence to process seed.
- (6) The Registrar of Seeds and his designated or authorised representatives may enter and inspect any processing premises, with or without notice.

#### Seed Seller's Licence

- 11. (1) A person shall not sell seeds without a seed seller's licence issued by the Registrar of Seeds in Form 7 set out in the Seventh Schedule.
- (2) An application for a seed seller's licence shall be made in Form 6 set out in the Seventh Schedule and shall be accompanied by the appropriate fee.
- (3) The Registrar of Seeds shall issue a seed seller's licence if he is satisfied that the applicant has the ability, knowledge and appropriate facilities to maintain the quality and viability of the seeds to be exposed for sale.
  - (4) A seed seller's licence shall -
    - (i) set out the conditions relating to the handling and storage of seeds to be exposed for sale;
    - (ii) be valid for twelve months, the Registrar of Seeds may, however, revoke the validity of such licence if he thinks it necessary.
  - (5) The Registrar of Seeds shall maintain a register of holders of seed sellers licence
- (6) The Registrar of Seeds may register and inspect any premises where seeds are kept for sale.

#### Sampling of Seeds

- 12. (1) The sampling of seed lots shall be conducted in accordance with current I.S.TA. rules.
- (2) Crops from different fields of the same origin, species and cultivar which have passed field inspection may be blended and bulked to constitute one seed lot.

- (3) The applicant shall provide reliable scales for checking the weight of a seed lot.
- (4) The seed inspector or authorised officer who conducts the sampling shall submit a report of his sampling in Form 8a for fresh seed or Form 8b for carry over seed as set out in the Seventh Schedule which report shall be countersigned by the applicant or his representative.
- (5) A seed lot which has been sampled in accordance with this regulation may be moved from one place to another for further handling.

#### Testing of Seeds

- 13. The official seed testers shall -
  - (i) test seeds in accordance with I.S.T.A. rules for seed testing on payment of the appropriate fee by the applicant.
  - (ii) record the results of the seed test on a certificate in Form 9 set out in the Seventh schedule;
  - (iii) state in the certificate whether the seeds are marketable and the category of the seeds.

#### Control Growing

- 14. (1) Seed lots which have been sampled and tested under these Regulations may be control grown in accordance with instructions issued by the SQCS.
- (2) The SQCS shall submit a report on each control growing carried out under these Regulations in Form 10 set out in the Seventh Schedule.

#### Packing and Labelling of Seeds

- 15. (1) Certified seed lots shall be packed in bags, securely closed, sealed by a seed inspector or any delegated person or company and labelled with a certification label.
  - (2) The certification label referred to in sub-regulation (1) shall state -
    - (i) the seed class
    - (ii) certification number;
    - (iii) the species and cultivar of seed;
    - (iv) lot number;
    - (v) purity (% by weight);
    - (vi) germination capacity (% by number);
    - (vii) expiry date; and
  - (viii) warning text in case the seed lot is treated
- (3) The inspector who sealed the bags shall submit a report of the sealing in Form II set out in the Seventh Schedule.

- (4) Where seeds of certified lots have to be re-packed, the repacking shall be done only with the approval of the SQCS and under its supervision and the repacked seed shall carry the relevant seedlot identity.
- (5) The seller of seed whose quality has been declared under these regulation shall label each package of seed being offered for sale and such label shall state the species, cultivar, purity (percentage by weight), germination capacity (percentage by number) and period of validity of the declaration.

#### Validity of Certification and Quality Declaration

- 16. (1) Unless cancelled earlier, the validity of a certification -
  - (i) for cereals, pulses, oil crops, fibre crops and root crops shall be nine months;
  - (ii) for herbage grasses and legumes, vegetables and stimulant crops, shall be twelve months;

from the date of completion of tests of these seeds.

(2) Unless cancelled earlier, a declaration of quality for all kinds of seed shall be valid for twelve months from the date of completion of testing the seeds.

#### Importation of Seeds

- 17. (1) Subject to the provisions of section 27 of the Act, no person shall import seeds for sale-
  - (i) without a valid seed seller's licence
  - (ii) a notice to import the seeds has been submitted in Form 12a set out in the Seventh Schedule and has been approved by the Registrar of Seeds in Form 12b.
  - (iii) if the seeds do not comply with the minimum standards set out in the Fifth Schedule.
- (2) A notice to import seed shall refer to one specific quantity of seed of a given species and cultivar.
- (3) The importer of seed shall on request supply SQCS with samples of the imported seed for checking its quality.
  - (4) The Registrar of seeds may -
    - (i) regulate the certification of imported seed lots according to the certification scheme of Swaziland;
    - (ii) restrict the importation of any species and cultivar of seeds on the basis of these regulations.

#### Appeals

- 18. A person aggrieved by a decision made under these regulations by -
  - (i) an inspector or duly authorised officer may appeal to the Registrar of Seeds;

## (ii) the Registrar of Seeds may appeal to the minister

#### Fees

19. The fees prescribed in the Sixth Schedule shall be payable in respect of the matters set out therein.

Mbabane, Swaziland 2001

R. Fanourakis Minister of Agriculture And Cooperatives

# FIRST SCHEDULE (Regulation 3)

## **Prescribed Seeds**

Cereals: Maize Sorghum Wheat	Sorghum bicolor (L) Moench
Pulses: Beans	
Oil Crops:	Vigna unguiculata (L) Walp
Groundnuts	
Fibre Crops:	Gossynium spn
Cotton	
Vegetables:	
Vegetables: Beans	Phaseolus vulgaris L
Beans	Phaseolus vulgaris L Brassica oleracea L. var. capitata L.
Beans	Brassica oleracea L. var. capitata L.
Beans	Brassica oleracea L. var. capitata L.
Beans Cabbage Carrot Cauliflower Celery	Brassica oleracea L. var. capitata LDaucus carota LBrassica oleracia L. convar botrytis (L) alef var. botrytisApium graveolens L.
Beans Cabbage Carrot Cauliflower Celery Chinese cabbage	Brassica oleracea L. var. capitata LDaucus carota LBrassica oleracia L. convar botrytis (L) alef var. botrytisApium graveolens LBrassica chinensis L.
Beans Cabbage Carrot Cauliflower Celery Chinese cabbage Cucumber	Brassica oleracea L. var. capitata LBrassica oleracia L. convar botrytis (L) alef var. botrytisApium graveolens LBrassica chinensis LBrassica chinensis L.
Beans Cabbage Carrot Cauliflower Celery Chinese cabbage Cucumber Eggplant	Brassica oleracea L. var. capitata LBrassica oleracia L. convar botrytis (L) alef var. botrytisApium graveolens LBrassica chinensis LCucumis sativus LSolanum melongena L.
Beans Cabbage Carrot Cauliflower Celery Chinese cabbage Cucumber Eggplant Lettuce	Brassica oleracea L. var. capitata LDaucus carota LBrassica oleracia L. convar botrytis (L) alef var. botrytisApium graveolens LBrassica chinensis LCucumis sativus LCucumis sativus LLactuca sativa L.
Beans Cabbage Carrot Cauliflower Celery Chinese cabbage Cucumber Eggplant Lettuce Okra	Brassica oleracea L. var. capitata LDaucus carota LBrassica oleracia L. convar botrytis (L) alef var. botrytisApium graveolens LBrassica chinensis LCucumis sativus LSolanum melongena LLactuca sativa LHibiscus esculentus L.
Beans Cabbage Carrot Cauliflower Celery Chinese cabbage Cucumber Eggplant Lettuce Okra Onion	Brassica oleracea L. var. capitata LDaucus carota LBrassica oleracia L. convar botrytis (L) alef var. botrytisApium graveolens LBrassica chinensis LCucumis sativus LSolanum melongena LLactuca sativa LHibiscus esculentus L.

	Raphanus sativus L. var. radicula Pers.
Spinach	
Sprouting broccoli	Brassica oleracea L. Convar botrytis (L.) Alef var. Cymosa Duch.
	Cucurbita moschata (Duch) Duch ex. PoirLycopersicon esculentum P. Mill.
Water melon	Citrullus lanatus (Thumb). Matsum et Nahai
Stimulant Crops:	
Tobacco	Nicotiana tobacum L.

## SECOND SCHEDULE

(Regulation 5)

## Seed for compulsory Certification

Species:

Cereals:

Wheat

Maize

Sorghum

Pulses:

Beans

Cowpeas

Fibre Crops:

Cotton

# THIRD SCHEDULE (Regulation 6 [2])

## Seed Certification scheme

Code	Class	Parent seed	Colour of label
A	Pre-basic Seed	Produced from the breeder's parent material under control of the breeder and supervision of the S.Q.C.S. The Registrar of seed may allow more than one generation	Violet stripe on white
В	Basic Seed	Produced from pre-basic seed and officially inspected.  Only one generation permitted.	White
Cl	Certified Seed, 1st generation	Produced from basic seed and officially inspected.	Blue
C2	Certified Seed, 2nd generation	Produced from certified seed, 1st generation (or higher class) and officially inspected.	Red stripe on white
C3	Certified Seed, 3rd generation	Produced from certified seed, 2nd generation (or higher class) and officially inspected.	Red stripe on white
D	Certified seed, 4th generation	Produced from certified seed, 3rd generation (or higher class) and officially inspected.	Green stripe on white
Е	Emergency class	Only used when a serious shortage of seed (for certification) of essential crops occurs. The standards will be set by the Registrar of Seeds.	Red

#### FOURTH SCHEDULE

(Regulation 6 (1))

## STANDARDS FOR SWAZILAND CERTIFIED SEED

## A. FIELD INSPECTION

Species Isolation, metres (min) Offtypes and/or other cultivars										
	Α	ВС	1 C2-C	C3 D	A B	С	1 C2	-C3	D	
	Maxim	um num	ber per	10 sq.	metres					
CEREALS: Maize Hybrids	400	400	400			*				
O.P.'s	400	400	400	300	200	1	1 3	3	10	
Sorghum	400	400 -	400	300	200	2	2 5	5	10	
PULSES:		Max.	no. per	1000 pl	lants (h	eads)	)			
Beans Cowpeas	50 10	50 10	25 5	25 5	10 5	1	1	2	2 2	5 5
FIBRE CROPS	:									
Cotton	400	400	200	200	100	1	2		2 5	5
STIMULANT CROPS:										
Tobacco	500	500	400	400	300	2	2		5 5	10

<sup>\*</sup> Hybrid maize seed production

The ff. standards shall apply when 5% or more of the seed parent plants have receptive silks:

- i) Maximum of 1% pollen shedding parent plants shall be allowed per any one inspection.
- ii) A total of only 2% parent plants shedding pollen shall be allowed for any 3 inspections carried out on different dates, calculated on the highest individual counts obtained.
- iii) Where a pollen shedding female parent plant is found in the field at the time of inspection all surrounding female parent plants with receptive silks within a radius of 4 metres from the offending plant may be requested to be destroyed/uprooted.

QUALITY REQUIREMENTS FOR PURITY OF CULTIVAR IN LABORATORY TESTING

## A. MAXIMUM NUMBER (PERCENT) SEEDS OF FOREIGN CULTIVARS

Species Certification Classes						
•	Α	В	C1	C2-C3	D	
CEREALS:						
Maize Sorghum		0.1 0.1		1.0 0.5	2 1	
PULSES:						
Beans Cowpeas	0.1 0.1	0.1 0.1		0.2 0.2	1 1	
OIL CROPS:			4			
Groundnuts	0.1	0.1	0.2	0.2	1	

#### Notes:

Even though the minimum requirements for certification have been fulfilled the certification of seed lot shall be refused or permitted in a lower class if:

- a) the seed to a great extent (more than 15%) is mixed with ergots or infected with seedborne diseases and insects;
- b) because of mould or musty smell the seed cannot be considered to stand storage with out loss in germination;
- c) after considering the cultivar and the year's crop growth the seed is of unsatisfactory quality with regard to cleaning, scarifying or grading.

#### **B. LABORATORY TESTS**

1. Quality requirements for different classes with respect to the analysis figure for purity, germination, weed seed and moisture content.

Species	Purity % by wt.  A-B C1-C3 D	Germination Capacity % By number A-B C1-C3 D	Weed seeds (excluding noxious weeds) No. per kg (highest value) A B C1-C3 D	Moisture Content % A-D
CEREALS: Maize Sorghum	99.5 99.0 99.0 99.0 98.5 98.0	90 90 90 80 80 75	1 2 5 10 50 100 200 300	12.0 11.0

PULSES: Beans Cowpeas	99.5 99.0	99.0 98.5	98.5 98.0	80 80	75 75	75 75	1	2 2	5 5	10 10	14.0 14.0
OIL CROPS: Groundnut	98.0	97.5	97.0	85	80	80	1	2	5	10	14.0
FIBRE CROPS: Cotton	99.0	98.5	98.0	80	75	75	5	10	25	50	10.0
STIMULANT CROPS: Tobacco	100.0	99.0	98.5	90	90	85	50	50	100	200	8.0
VEGETABLES: Beet Cabbage Carrot Cauliflower Leek Lettuce Onion Pea Pepper Pumpkin Tomato	99.0 99.0 98.5 99.0 99.5 98.5 99.5 99.5 99.0 99.0	98.5 98.5 97.5 98.5 99.0 98.0 99.0 98.5 98.5 99.0	98.0 98.0 97.0 98.0 98.5 97.5 98.5 98.0 98.0	85 85 75 85 85 80 75 80 75 80 85	80 80 75 80 80 75 70 75 70 75 85	80 80 70 80 80 75 70 75 70 75 80	25 25 250 25 25 50 25 1 25 25 1	25 25 500 25 25 50 25 2 25 25 25 25	50 50 1000 50 50 100 50 5 5 5 50 50	100 100 2000 100 100 200 100 10 100 100	10.0 8.0 8.0 8.0 7.0 8.0 14.0 8.0 8.0

## C. CONTROL GROWING

Species	Foreign Cultivars including off-types, Maximum permitted percentage by number						
	Α	B	C1	C2-C3			
CEREALS							
Maize	0.1	0.1	0.3	1.0			
Sorghum Wheat	0.3	0.4	0.8	2.0			
PULSES:							
Beans	0.1	0.1	0.3	1.0			
Cowpea	0.3	0.3	0.6	2.0			
OIL CROPS:							
Groundnuts	0.1	0.3	0.6	2.0			

## FIBRE CROPS:

Cotton	0.1	0.1	0.3	1.0
VEGETABLES;				
Beet	0.1	0.1	0.3	1.0
Cabbage	0.3	0.3	1.0	2.0
Carrot	0.2	0.2	0.4	1.5
Cauliflower	0.3	0.3	1.0	2.0
Leek	0.3	0.3	1.0	2.0
Lettuce	0.1	0.1	0.3	1.0
Onion	0.3	0.3	1.0	2.0
Pea	0.1	0.1	0.3	1.0
Pepper	0.2	0.2	0.4	1.5
Pumpkin	0.1	0.1	0.3	1.0
Tomato	0.1	0.1	0.3	1.0
STIMULANT CROPS:				
Tobacco	0.3	0.3	1.0	2.0

## Notes:

In view of the frequency of disease infection the S.Q.C.S. will determine in special cases whether the seed lot can be approved in the respective classes or not.

## FIFTH SCHEDULE

(Regulation 7)

## MINIMUM STANDARDS FOR QUALITY DECLARED SEEDS

Species	Purity % by weight	Germination capacity % by number
PULSE CROPS:		
Beans	98.0	70
Cowpea	98.0	75
OIL CROPS:	0.6.0	55
GroundnutsFIBRE CROPS:	96.0	75
CottonVEGETABLES:	97.5	70
Beet	97.5	75
Brussel sprout	98.0	75
Beans	98.0	75
Cabbage	98.0	75
Carrot	97.0	65
Cauliflower	98.0	75

Celery	96.0	60
Chinese cabbage	98.0	75
Cucumber	98.0	75
Eggplant	98.0	60
Endive	95.0	70
Kale	98.0	75
Leek	98.0	70
Lettuce	97.0	75
Muskmelon	98.0	75
Okra	96.0	55
Onion	98.0	65
Parsely	96.0	65
Pea	98.0	70
Pepper	98.0	65
Pumpkin	98.0	75
Raddish	98.0	75
Rape	98.0	75
Spinach	96.0	65
Sprouting brocoli	98.0	75
Squash	98.0	75
Tomato	98.0	75
Turnip	98.0	75
Water melon	98.0	70
STIMULANT CROPS:		
Tobacco	98.0	80

# SIXTH SCHEDULE (Regulation 19)

## PRESCRIBED FEES

Seed Grower registration	E10.00
Certification (per hectare)	E 5.00
Seed Seller's licence (per annum)	E10.00
Seed Processors/packer's licence	E50.00
Tags only (for repacking)	at cost

## SEVENTH SCHEDULE

(Regulations 8,10,11,12,13,14,15 and 17)

## PRESCRIBED FORMS

Form 1

(To be completed in triplicate)

# MINISTRY OF AGRICULTURE & COOPERATIVES SEEDS AND PLANT VARIETIES REGULATIONS, 2002

TO: SQCS P.O.BOX 4 MALKENS

# APPLICATION FOR REGISTRATION AS A SEED GROWER (Regulation 8)

1.	full name in block letters)
	of
	(full address and telephone number)
	do hereby apply for registration as a seed grower in terms of the Swaziland Government Seed Certification Scheme for
	(month,year)
	(month, year)
2.	I fully subscribe to all requirements laid down under the Scheme and furthermore undertake to:
	a) allow the seed inspectors acting on behalf of the Certifying Authority free access to such unit(s) of certification as I may register in terms of the Scheme;
	b) carry out all reasonable instructions issued within the limits of the Scheme by seed inspectors acting on behalf of the Certifying Authority;
	<ul> <li>retain and handover to the Certifying Authority the labels found in and/or on the containers of foundation seed;</li> </ul>
	d) report immediately to the Certifying Authority the presence of any serious diseases, insect pest and damage caused to the unit of certification by hail, drought, floods etc;
	e) manage the unit of certification and seed harvest in a manner conducive to the production of high quality seed.
3.	inform you herewith that my seed crop is produced under contract
1.	enclose herewith the sum of E, being the registration fee.
	Date: (Signature of applicant)

# Note: THIS FORM AND THE REGISTRATION FEE MUST BE SENT TO THE ABOVE ADDRESS NOT LATER THAN TWO WEEKS AFTER PLANTING

Particulars on	the linit(s)	of certification
i aiticulais oli	the thinks	or cermication

1.	Location,	area	and	cropping	history
	,				

Onn no.	and area	па	previous 3 years	
		20	20 20	••
Unit 1 Unit 2 Unit 3 Unit 4				

## 2. Origin of foundation seed and class applied for

Origin of foundation seed	class applied for
Variety	Labels nos.

## 3. Date of planting

Unit Number	Date	
Unit 1 Unit 2		
Unit 3 Unit 4		

- 1. Application should be accompanied with a detailed sketch showing the location of the unit(s).
- 2. Labels shall be presented to the seed inspectors at the 1st inspection.

## For official use only

Date application received					
Application is approved [ ]	rejecte	d [	]		
(Provisional) Registration number	••••••••••••••••••••••••••••••••••••••		SP	/20	•••••
Date Stamp:	S	ignatu	re		

## SWAZILAND

# MINISTRY OF AGRICULTURE & COOPERATIVES SEEDS AND PLANT VARIETIES REGULATIONS, 2002

# CERTIFICATE OF REGISTRATION AS A SEED GROWER (Regulation 8)

Registration No:	Receipt No:
То	(Name
of	(Address)
You are hereby registered as a seed grower to	grow
hectares of (speci	es)(cultivar)
on the farm	for
certification as	(seed class) parent seed
(species, cultivar, cert.no.)	
The registration is valid from	20toto
20	
the following conditions are imposed on this c	сгор
Data	
Date	For Registrar of Seed

## MINISTRY OF AGRICULTURE AND COOPERATIVES SEEDS AND PLANT VARIETIES REGULATIONS, 2002

	FION REPORT NOulation 9)
Name and address of grower:	Date:
Registration no:	
Seed parent: Pollen parent:	
INSPECTION FACTOR	
Isolation	
Volunteer Maize Plants	
Variety Purity % off-types in seed parent % off-types in pollen parent	
Detasselling % seed parent with tassel shedding pollen	no. of counts
Supply of pollen	
Stand Seed parent Pollen parent	
Remarks	
Decision:	

# MINISTRY OF AGRICULTURE & COOPERATIVES SEEDS AND PLANT VARIETIES REGULATIONS, 2002

OTHER CROPS FIELD INSPECTION REPORT NO.....(Regulation 9)

IDENTIFICATION:	
Registration No:	Crop:
Cultivar	Seed Class
Parent seed, certification No	
Grower	
Farm	
INSPECTION: Hectares	
Cultivar purity	
Diseases	
Other crop plants	
Weed plants.	
Remarks	
Date	
Signature of grower or representative	Signature of inspector

## (To be completed in triplicate)

### **SWAZILAND**

# MINISTRY OF AGRICULTURE & COOPERATIVES SEED AND PLANT VARIETIES REGULATIONS, 2002

## APPLICATION FOR SEED PROCESSING/REPACKING LICENCE (Regulation 10 [2])

ApplicantAddress	
SPECIFICA Address of management	
Address of premises	
Type of processing plant	
Drying facilities	
Cleaning facilities	
Dressing and packing facilities	
Storage facilities	
Remarks (indicate type of seed)	
Date:S	ignature
FOR OFFICIAL	USE ONLY
Application receivedInspected by	
	[ ] Rejected.
Licence No	Date
	For Registrar of Seeds

## MINISTRY OF AGRICULTURE & COOPERATIVES SEEDS AND PLANT VARIETIES REGULATIONS, 2002

# SEED PROCESSING/REPACKING LICENCE (Regulation 10 [1])

A seed processing licence is hereby granted to (nam	
of (address)	
for processing of seeds at (name of premises)	
(address)	
for the period20	to20
This licence is subject to the following conditions	
Date	
<u> </u>	For Registrar of Seeds

## MINISTRY OF AGRICULTURE & COOPERATIVES SEEDS AND PLANT VARIETIES REGULATIONS, 2002

# APPLICATION FOR A SEED SELLERS' LICENCE/RENEWAL (Regulation 11 [2])

10:	S.Q.C.S. P.O. Box 4 Malkerns					
I here	by apply for a	seed seller's lic	ence/rene	wal of class:		
A. W	holesale	[	]			
B. Re	etail	[	]			
C. W	holesale/Retail	[	]			
Specie	es to be sold	premises				
Storag	ge facilities					
Date:.				Signature		
		FOR	OFFICIA	AL USE ONL	Y	
Inspec Decisi Condi	cted by on: [ tions imposed	] Approved fo	or the peri	od	[	] Rejected
Licenc					or Registrar of Se	

# MINISTRY OF AGRICULTURE & COOPERATIVES SEEDS AND PLANT VARIETIES REGULATIONS, 2002

# SEED SELLER'S LICENCE (Regulation 11 [1])

Licence no		
A seed seller's licence class		is
hereby granted to (name)		
(address)		•••••
for the period	20to20	
This licence is subject to the following condi	tions	
,		
Date:	For Registrar of Seeds	

# MINISTRY OF AGRICULTURE & COOPERATIVES SEEDS AND PLANT VARIETIES REGULATIONS, 2002

# SAMPLING REPORT (FRESH SEED) (Regulation 12)

Date		
Please sample the fo	ollowing	seed lot:
Crop		
Variety		
Grade		
Size of seed lot		
No. of containers		
Source/Farm		
Code		
Year of harvest		
For the following p Certification		5)
Pre-cleaning advice	•••	
Periodical check on germination	••••	
Other - specify	••••	
Request made by: N A	lame: Address:	
A	lame: Address:	

## MINISRTY OF AGRICULTURE & COOPERATIVES SEEDS AND PLANT VARIETIES REGULATIONS, 2002

# SAMPLING REPORT (CARRY OVER SEED) (Regulation 12)

Merchant		
District		
Date		
Please sample the fol	lowing seedlot	:
Crop		
Variety		
Size of seed lot		
No. of containers		
Source		
Code		
Year of production		
For the following pur Periodical check on go	rpose (s) erm	
Moisture		
Other specify		
Depot/shed manager:		······································
Sampled by:		

# MINISTRY OF AGRICULTURE & COOPERATIVES SEEDS AND PLANT VARIETIES REGULATIONS, 2002

# SEED CERTIFICATE (Regulation 13)

## SEED QUALITY CONTROL SERVICES OF SWAZILAND

Spe	ecies		Cultivar							
Tes	st No.		Date Received I				Dat	te Samı	oled	
Lot	t No.		Origii	Origin Wt. Of Lot: kg						Lot: kg
Nai	me and a	ddress o	f applic	ant						
Purity	/, % we	ight	Germin	ation, %	no.	· · · · · · · · · · · · · · · · · · ·				Germination Capacity, %
Pure Seed	Inert matter	Other Crop seed	1	Weed Normal Hard Fresh Abnormal Dead seeds seedlings Seeds						
Kind o	f inert ma	atter:								
Species	s and nun	nber of o	other cro	p seeds:						
Species	s and nun	nber of v	veed see	eds:						
Moisture, % Cultivar Purity,% Weed Seeds, no./kg										
Other I	Determin	ations:	<u> </u>							
Date:					•	fc	r S.Q.C.S	 S.		

# MINISTRY OF AGRICULTURE & COOPERATIVES SEEDS AND PLANT VARIETIES REGULATIONS, 2002

## CONTROL GROWING REPORT (Regulation 14)

Species		
Cultivar		
Certification no	Seed Lot No	
Seed Class		
TEST RESULTS		
Foreign cultivars		
Off types		
Diseased plants		
·		
Remarks		
Date		
Date		re, S.Q.C.S.

# MINISTRY OF AGRICULTURE & COOPERATIVES SEEDS AND PLANT VARIETIES REGULATIONS, 2002

## SEED QUALITY CONTROL SERVICES

# SEALING REPORT (Regulation 15)

ApplicantAddress			
Date			
Species and Cultivar	Certification No.	Lot No.	Number and size of sealed packets
			***************************************
****			
			***************************************
Remarks			
 Signature of Applicant or		Signature of	
representative		or Inspecto	

# MINISTRY OF AGRICULTURE & COOPERATIVES SEEDS AND PLANT VARIETIES REGULATIONS, 2002

# NOTICE TO IMPORT SEED (Regulation 17)

				• • • • • • • • • • • • • • • • • • • •	
	For sale a lmmedian Other (S	as seed te export	( )		
Particulars o					
Crop Species	Variety	Category	Quantity (kg)	No. of containers	Identification marks on containers / labels
	· · · · · · · · · · · · · · · · · · ·				
. Address of re	-		· ·		
ii) I accept r iii) To the be that no re	importer of responsibili st of my kno elevant info der no circu	the seed inc ty for the st owledge the rmation has	dicated in no.3.  orage of the seed information furnitied.	at the address	indicated in no. 6 claration is correct and se other than that
Date:					

# MINISTRY OF AGRICULTURE & COOPERATIVES SEEDS AND PLANT VARIETIES REGULATIONS, 2002

### PERMIT FOR INTRODUCTION OF PLANTS AND PLANT PRODUCTS\*\*

Date:							
to import into	Swaziland	the underment	ioned plant	s or plant product	s,		
Single entry	Multiple entry						
[	]		[	]			
Port of entry							
The validity of the							
Copies to: 1) Director of Agriculture *2) Customs Officer *3) Swaziland Citrus Board *4) Swaziland National Trust Commission *5) Swaziland Cotton board 6) Malkerns Research Station							
*As necessary							
			OR OF AG ture of offic	RICULTURE ial stamp)			
Further notes **Permit alread							

# MINISTRY OF AGRICULTURE & COOPERATIVES SEEDS AND PLANT VARIETIES REGULATIONS, 2002

APPLICATION FOR RELEASE AND DISTRIBUTION OF PLANT VARIETY (Regulation 18)

Application	
Address	
SPECIFICATI	ON
Approval is hereby requested for release and	distribution of the following variety
Identification (name and/or number:	
	***************************************
Pedigree:	
Origin:	
Description (Taxonomic):	
Performance:	
Reasons for distribution:	
Date	ature
FOR OFFICIAL US	SE ONLY
Application received	paid
Evaluated by Decision: ( ) Approved ( ) Reject	eted
Reasons:	•••••
_	
Date	
For Registr	ar of Seeds

#### Annex 1

#### Specific requirements relating to seed

Maize (Zea mays L.)

#### 1. FIELD REQUIREMENTS

- 1.1 **Previous cropping** Fields which have carried maize the previous year may not be used for the production of seed maize unless prior permission has been obtained following an inspection of the field by the Certifying Authority.
- 1.2 Isolation -Fields on which maize seed is produced shall be isolated from any source of contaminating pollen by at least 400 metres

#### 2. BASIC SEED

The seed planted for the production of certified seed shall be seed that has been produced under the responsibility of the breeder according to the generally accepted rules for the maintenance of a variety.

#### 3. FIELD INSPECTION

- 3.1 One field inspection shall be carried out 6-8 weeks after planting in order to determine the location of the field, isolation distances and freedom of volunteer plants.
- 3.2 The grower shall notify the certifying authority of the date of intended commencement of detasselling.
- 3.3 The detasseling of the crop and the variety purity shall be inspected at least three times during the flowering period without prior notice to the grower.

#### 4. INSPECTION STANDARDS FOR HYHRID VARIETIES

- 4.1 The following standards shall apply when 5% or more of the seed parent plants have receptive silks:
  - i) a maximum of 1% pollen shedding seed parent plants shall be allowed per any one inspection;
  - ii) a total of only 2% seed parent plants shedding pollen shall be allowed for any three inspections carried out on different dates, calculated on the highest individual counts obtained:
  - iii) in cases where a pollen shedding female parent plant is found in the field at the time of inspection the inspecting officer can request that all surrounding female parent plants which have receptive silks within a radius of 4 metres from the offending plant shall be removed
- 4.2 Tassels and portions of tassels as well as suckers shall be regarded as shedding pollen when 50mm or more of the central stem, the side branches or both, shed pollen.
- 4.3 Variety purity the crop shall be in a fit state to permit accurate determination of variety purity. All off-type plants and doubtful-type plants shall be removed by the grower before flowering. The following standards shall apply:

- i) a maximum of 0,1% off-type plants and 2% doubtful-type plants in the pollen parent rows shall be allowed at any one field inspection;
- ii) a maximum of 0,1% off-type plants and 2% doubtful-type plants in the seed parent rows shall be allowed at the time of the last inspection;
- iii) all plants growing in between the rows or whose origin for other reasons is doubtful, shall be removed before flowering.
- 4.4 Field inspection reports shall be based on a minimum of 20 counts of 100 plants for every 10 ha or portion thereof, each taken at random over the field.

#### 5. INSPECTION STANDARDS FOR OPEN POLLINATED VARIETIES

- 5.1 At least one inspection shall be made at the time of flowering in order to check trueness to variety and varietal purity.
- 5.2 Trueness to variety the crop as registered shall conform to the official description of the variety.
- 5.3 Variety purity the crop shall be in a fit state to permit accurate determination of varietal purity. Plants that appear as clearly different in height, shape, flowering, colour etc, shall be considered as being off-types. A maximum of 0,1% off-types and 2% doubtful-type plants shall be allowed.

#### 6. REJECTION OF SEED CROPS

A seed crop shall be rejected if the requirements as set out in paragraphs 4.1, 4.3, 5.2 and 5.3 are not complied with.

#### 7. POLLEN PARENT ELIMINATION

All pollen parent plants shall be removed before the harvest of the seed parents can commence. The grower shall notify the Certifying Authority as soon as the field is ready for inspection of pollen parent removal. In cases where removal of the pollen parent plants has not been done to the satisfaction of the inspecting officer a re-inspection will take place. Under no condition shall harvest of the seed parent plants commence before the field has been inspected and approved.

### 8. HARVESTING

- 8.1 For the purpose of these rules, the rejection of low quality cobs, the process of shelling, storage on the farmer's premises and transportation to the processor shall be considered as part of the harvesting procedure of the crop in question.
- 8.2 Notification the grower shall notify the certifying authority about the time and place for shelling the seed crop not later than 72 hours before shelling is due to start, in order that cob inspection can take place. Under no circumstances shall a seed crop be shelled before the cobs have been inspected to the satisfaction of the inspecting officer.
- 8.3 During all stages of the harvesting, the seed shall be clearly separated from other crops, or shall be so marked as to ensure that the seed shall not be mixed or confused with other crops. Failure to do so or the appearance of any other factor which shall throw doubt on either the purity or the identity of the seed crop may be taken as grounds for rejection of the crop.

8.4 Cob inspection – the minimum quantity of cobs to be presented for inspection shall be 500 bags, or in cases where the unit for certification is less than 500 bags the whole unit will be inspected. All cobs shall be defoliated and bagged in standard 70 kg maize bags. In cases where the crop is offered for inspection in cribs the inspecting officer shall have free access to all sides of the crib. The maximum width of such crib shall be 1.5 metres.

The following standards shall apply:

- i) not more than 0,1% of off-type cobs or 2% of doubtful-type cobs shall be present in a sample of 10 bags obtained at random;
- ii) not more than 15 cobs each of which has a continuous surface area exceeding 12 square centimetres infected with a seed borne disease shall be present in a sample of 10 bags obtained at random;
- iii) not more than 100 off-coloured kernels shall be present in a sample of 100 cobs obtained at random from at least 20 different places on a stack of cobs or from at least 20 bags.
- 8.5 If the harvested cobs do not comply with the above standards, resorting shall be done by the grower, after which a re-inspection will take place.
- 8.6 Shelling and transportation under no circumstances shall the shelling of the cobs commence before the cobs have passed inspection. The shelling area shall be at least 50 metres away from any other maize and shall be swept clean before shelling starts. A shelled but uncleaned seed lot shall only be transported to the processor if before transportation all containers are clearly marked with clean labels detailing the name of the grower, the variety of seed and the grower's certification number.

#### 9. PROCESSING

- 9.1 The person responsible for the processing of seed maize shall notify the certifying authority before the start of the processing of a particular seed lot, so as to enable an inspection to be carried out on the processing machine(s) or on the lot to be processed.
- 9.2 At the time of processing of a particular seed lot no other seed lot shall be processed or be made ready for processing. This provision may be waived where special precautions have been taken to the satisfaction of the inspecting officer.
- 9.3 The processing of a seed lot or grade from a seed lot shall only be carried out after a thorough cleaning of the machine, such to the satisfaction of the inspecting officer.
- 9.4 Rejected seed lot or screened out maize shall be removed from the place of processing as soon as possible and the containers carrying such seed shall be clearly marked.
- 9.5 The person responsible for the processing shall keep regular and accurate records of his processing operations, covering information on number and quantities of seed lots supplied, stored, under processing and processed, rejected seed lots and seed lots ready for sale or delivery. The inspecting officer shall upon request have free access to these records.

#### 10. CLEANED SEED

#### Cleaned seed shall:

- be marked by the person responsible for the processing in such a way that each seed lot is properly identified;
- ii) be packed in clean containers;
- iii) be stored separately from uncleaned seed;
- iv) be protected against rodents; insects, excessive moisture and heat and harmful substances.

#### 11. APPLICATION FOR CERTIFICATION OF A SEED LOT

Application of a seed lot certification shall be made in good time to the Certifying Authority. The Certifying Authority shall notify the applicant of the date and time that sampling will take place.

### 12. SAMPLING AND TESTING

- 12.1 Sampling and testing of seed lot offered for seed lot certification shall be carried out by the Certifying Authority. Seed lots offered for certification shall be as homogenous as possible and not exceed 40,000 kg. Seed lots offered for certification shall not be staked higher than 2,70 metres and a passage of at least 60 cm shall be left between the stacks so as to enable free access to all parts of the seed lot.
- 12.2 The sampling of the seed lots shall be carried out in the manner described in the current International Rules for Seed Testing.
- 12.3 The samples drawn from seed lots under certification shall be tested by the Certifying Authority for germination, physical purity, and maize defects in accordance with the current International Rules for Seed Testing.
- 12.4 The processed seed shall comply with the following standards

i)	Purity inert matter (including broken seed equal to a smaller in size	min. 99%
	than 50% of the kernel)	max . 1%
ii)	insect damaged kernels mechanically damaged seed (bigger in size	max.1.5%
	than 50% of the kernel	max. 1.5%
	diseased and/or discoloured kernels	max. 1.0%
	other coloured grain	max. 0.1%
	kernels with broken seed coat and/or	
	tip (without damage to the embryo)	max.5.0%
iii	germination	min. 90%
iv	moisture content	max. 13%

12.5 If the Certifying Authority is satisfied that the quality requirements as set out in part 12.4 have been met, it will issue a seed lot certificate to the person responsible for cleaning after which the seed lot in question may be offered for sale as Government Certified Seed.

12.6 If the seed lot in question does not meet the quality requirements as set out in part 12.4 all official labels and seals shall be removed under the supervision of the inspecting officer.

After reprocessing such a seed lot can again be offered for seed lot certification

#### 13. SEED GRADING AND DRESSING

- 13.1 For all varieties not more than 5% screenings passing through a round hole bottom sieve of 7.9 mm shall be allowed. This requirement may however be varied depending upon the variety as may be agreed upon with the Certifying Authority.
- 13.2 Maize seed shall be graded into one or more grades according to thickness, width and length. Compound grades may be produced and ungraded seed for hand planting may be produced. The grade shall be stated on the label of the container and each grade shall be treated separately for sampling purposes.
- 13.3 The seed shall be dressed against seed borne diseases in a manner and with a substance approved of by the Certifying Authority.

#### B. DRY BEANS (PHASEOLUS VULGARIS L.)

#### 1. Field requirements

#### 1.1 Previous cropping

The time interval required between a seed crop and previous beans grown on the same land shall be at least 12 months between harvest and planting.

The grower shall remove all volunteer plants of the general Phaseolus, Dolichos, Lablab and Vigna prior to planting.

#### 1.2 Isolation

The crop shall be isolated from any other bean crop by at least 25 metres.

#### 2. BASIC SEED

The seed planted for the production of certified seed shall be basic seed that has been produced under the responsibility of the breeder according to the generally accepted rules for the maintenance of a variety. This rule may be waived if "disease-free" certified seed is used. In this case the resulting generation shall be called "certified seed second generation".

#### 3. FIELD INSPECTION

At least two field inspections shall be made. One inspection shall be carried out at the time of flowering and another at the mature pod stage.

A seed crop shall be inspected for;

- a) Halo Blight (Pseudomonas phaseolicola)
- b) Bean Common Mosaic Virus
- c) Anthracnose (Colletotrichum lindemuthianum)
- d) Common and Fuscous Blight (Xanthomonas phaseoli)

It is the growers responsibility to remove all plants showing symptoms of the above mentioned diseases as soon as they become visible. In the case of blight diseases, also surrounding two circles of plants shall be removed.

The grower shall inform the inspecting officer of any such action taken.

#### 4. INSPECTION STANDARDS FOR CERTIFIED SEED

- 4.1 During field inspection attention shall be paid to varietal purity and seed borne diseases.
  - i) During the first inspection at time of flowering special attention shall be paid to plants infected with Bean Common Mosaic Virus and Halo Blight.
  - ii) A crop shall be rejected in case the total number of visibly infected plants exceed 0.4%.
  - iii) During the second inspection special attention shall be given to plants and pods infected with Anthracnose, Halo Blight and Common or Fuscous Blight.
  - A crop shall be rejected when the total number of plants with pods infected with Anthracnose or Halo Blight exceeds 0.2%. In case of common and Fuscous Blight a crop shall be rejected if more than 1.0% of plants with infected pods shall be found.
  - v) If more than one of the above mentioned diseases shall occur in a field, the combined infections shall not exceed 1.0% of plants with infected leaves or pods.

If any disease, other than those specified above shall be present to such an extent as the inspecting officer shall consider detrimental to the quality of the seed produced the crop may be rejected.

Infection with non-seed borne diseases or any other factor which makes an accurate assessment of the degree of infection with seed borne diseases impossible may supply sufficient ground for rejection of the crop[.

#### 4.2 Variety purity

It is the grower's responsibility to rogue all off-type plants.

A seed crop shall be rejected when it has more than one distinct off-type plant per 1000 plants.

#### 5. HARVESTING

Harvesting shall be done in such a way as to exclude the possibility of mixing the seed with other crops.

The seed shall be handled with extreme care to avoid mechanical damage as much as possible. The seed shall be packed in clean containers in all stages of handling.

#### 6. STORAGE AND TRANSPORTATION

During all stages of harvesting and thereafter, storage in the premises of the grower shall be in such a way that seed shall be clearly marked so as to exclude the possibility of mixing the seed with any other material.

Threshing, packing, storage and transportation of the seed shall take place under dry conditions.

#### 7. CLEANING

The person responsible for the cleaning and processing of the seed shall notify the Certifying Authority in order that an inspection of the cleaning equipment can take place.

The Certifying Authority shall be notified after the seed has been processed in order to sample the seed for seed lot certification.

#### 8. CERTIFICATION STANDARDS FOR CLEANED SEED

- 1. Samples drawn for the purpose of seed lot certification shall be examined for;
  - a) analytical purity
  - b) standard of cleaning
  - c) germination capacity
  - d) moisture content
  - e) presence of seed borne diseases
  - f) varietal purity
  - g) presence of deleterious insects
  - h) physical appearance
- 2. For certified seed the following shall apply

a) analytical purity		min. 99.0%
b) germination		min. 75.0%
c) moisture content	•	max. 15.0%

- d) varietal purity maximum of 1 off type per 1000 bean seeds free of all other crop
- e) Standard of cleaning spotted beans and heat damaged beans, insect damaged beans, off-coloured seeds, broken beans, shrivelled seeds:

  max. 2.0%
  seeds with cracked seed coats:

  max. 5.0%

#### C. COTTON (GOSSYPIUM sp.)

- 1. Field requirements
  - 1.1 Previous cropping
    - A field that will be planted with Gossypium hirsutum for seed production shall, for the preceding year, not have been under any of the following, whether for seed production or any other purpose;
      - i) The same G. hirsutum variety established from same category of seed but of an unsatisfactory varietal purity,
      - ii) The same G. hirsutum variety established from a different category of seed, or
      - iii) Any other G. hirsutum variety or species.
    - b) Plants shall be established in rows
    - c) For basic seed production a field should not have been grown cotton for two (2) seasons prior to the basic seed crop

- For certified seed production the field should not have been grown cotton one (1) season prior to the seed crop.

The field requirement in c) may be waived if the seed production fields that have grown cotton in the previous year had since been planted with an irrigated winter crop.

#### 1.2 Isolation

The isolation distances for seed production are prescribed in the Fourth Schedule of the Seed and Plant Varieties Regulation of 2001;

Pre-basic seed - 400 m Basic seed - 400 m Certified (C1 - 3) - 200 m D (substandard) - 100 m

#### 2. BASIC SEED

#### 1) Eligibility of varieties

Only varieties in the recommended variety list are eligible for multiplication.

#### 2) Source of seed

The seed for the production of certified seed shall be seed that has been produced under the responsibility of the breeder according to the generally accepted rules for the maintenance of a variety. This rule may be waived if "disease free" seed is used. In this case the resulting generation shall be called "certified seed second or third generation". Labels should be reserved after planting for authentication of parent seed by the Seed Inspectors.

#### 3. FIELD INSPECTION

At least four field inspections shall be carried out on the plants of each unit for certification, as follows:

- 3.1 Pre-planting inspection shall be carried out to determine location of the field, isolation distances and field history.
- 3.2 A field inspection shall be carried out at vegetative stage to ascertain varietal purity and crop management.
- 3.3 A field inspection shall be carried out at flowering stage to ascertain varietal purity.
- 3.4 Another field inspection shall be carried out when first bolls start opening to ascertain harvesting and delivery schedule.

#### 4. INSPECTION STANDARDS

Varietal purity standards (off-types permitted) on basic seed shall not be more than 0.2% and 0.5% for certified seed.

Off-types shall be plants: -

- With different leaf shape and flower.
- With different stem and leaf colour due to anthocynin content in tissues.
- Shorter or taller than the average height of the variety.
- Which are early or late maturing.

During inspections, it should be ensured that individual plants conform to the variety description and are uniform in appearance to the entire plant population.

#### 5. REJECTION

The seed crop shall be rejected if it does not comply with the above standards.

#### 6. HARVESTING

The picking of seed cotton shall be done in such a way as to exclude the possibility of mixing the seed cotton with any other cotton.

During picking, stained and dirty seed cotton must be kept separate from the clean cotton. During ginning there should be adequate separation of different classes of cotton intended for seed, i.e. Pre-basic, basic, and certified seed in order to get the best seed expected from that particular variety. In the ginnery, ginning of seed cotton should be given preference over commercial cotton and the ginning of different classes of cotton should not take place concurrently. Ginning of seed cotton shall begin after thorough cleaning and an inspection having been carried out of the machinery, floors, and the immediate surroundings (vicinity) of the processing area by Officials of the Certifying Authority.

After ginning an inspection of fuzzy seed should be made to determine broken and damaged seed and this should not exceed 2%. Fuzzy seed should be delinted. If the seed lot(s) meet the required standard it should then be packaged in clean bags and a sample should be taken to the Seed Quality Control Services laboratory for testing.

#### 7. LABORATORY STANDARDS

For certified seed the following standard shall apply: -

Purity - min. 98.5% Noxious seed - none Other seeds - max. 0.1% Germination - min. 75%

#### 8. LABELLING

If the Certifying Authority is satisfied that the quality requirements as set out in 7 above have been met, a seedlot certificate will be issued to the person responsible for processing after which the seedlot in question may be sealed and properly labelled as certified seed.

The Government Printer, Mbabane