

- 8. Silvering (*Corynebacterium betae*).
- 9. Citrus canker (*Xanthomonas citri*).
- 10. Black patch (*Rhizoctonia leguminicola*).
- 11. *Cercospora loti*.
- 12. Bacterial wilt (*Corynebacterium insidiosum*).
- 13. Downey mildew (*Sclerospora graminicola*).
- 14. Long smut (*Tolyposporium penicillariae*).
- 15. Bacterial blight (*Pseudomonas pisi*).
- 16. Pea seed-borne mosaic virus.
- 17. Elm mosaic virus.

IV Certificate No. IV—Treatment Certificate:

General wording for treatment certificates 1–11 listed below—“A certificate from an officer in charge of a fumigation station operated by a government agency, or from an authorised officer of an appropriate government controlled quarantine service, or an endorsed International Health Certificate certifying that the seed has been... (insert appropriate wording as specified below):”

Temperature Treatments:

*1. Heat treated to destroy its viability (recommended treatment is heat at 90–95°C at 40% relative humidity for at least 15 continuous hours. Re-treatment will be required on arrival if germination has not been destroyed).

Fumigation Treatments:

*2. Hot water treated at 55°C for 10 minutes, and treated with maneb at 1½–2 g/kg of seed.
 *3. Fumigated with either—
 (i) Methyl bromide at 48 g per cubic metre at 21°C for 24 hours at atmospheric pressure; or
 (ii) Methyl bromide at 48 g per cubic metre for 2 hours at 21°C under a vacuum of 68 cm; or
 (iii) Carbon bisulphide at a strength of 160 g per cubic metre for not less than 24 hours at a minimum temperature of 18.5°C.
 *4. Fumigated with methyl bromide at the rate of 40 g per cubic metre at 20°C for 20 hours at atmospheric pressure.

(NOTE—It is recommended that the moisture content of the seed is below 12 percent.)

Acid Extraction Treatments:

*5. Fumigated with formalin under a vacuum for 8 hours.
 *6. Acid extracted by hydrochloric acid (or other method approved by the Director-General of Agriculture and Fisheries).

Seed Dressing Treatments:

*7. Solvent extracted or expeller produced incorporating a heat application of at least 100°C for 15 minutes.
 *8. Treated with captan or thiram at 2–2½ g/kg (treatment rate to be endorsed on health certificate).
 *9. Treated with carboxin (75%) or benomyl (50%) at 2–2½ g/kg up to half of which may be replaced by captan or thiram (treatment rate to be endorsed on health certificate).
 *10. Treated with carboxin (75%) at 2–2½ g/kg up to half of which may be replaced by captan or thiram (treatment rate to be endorsed on health certificate).
 *11. Treated with benomyl (50%) at 2–2½ g/kg up to half of which may be replaced by captan or thiram. (Treatment rate to be endorsed on health certificate).

Inoculum Treatment:

*— This treatment may be carried out on arrival under supervision.
 12. A certificate signed by the producer of such inoculum that the medium in which the bacterium is carried was sterilised by either (a) steam under pressure (Autoclaved) before inoculation, or (b) gamma irradiation stating the dose and thickness of the medium exposed.

V. Certificate No. V—Analysis Certificate:

An International Seed Testing Association (I.S.T.A.) Orange or Green International Analysis Certificate or a Certificate of Analysis issued by an official state seed testing station of Australia or the United States of America showing that in an examination of an official sample drawn from an identified seed lot, no seeds were found of species listed in Appendix III. The size of the sample to be examined is as prescribed for a determination of number of other seeds in the current international rules for seed testing issued by the International Seed Testing Association.

APPENDIX II

SCHEDULES OF ACCEPTABLE CULTIVARS

*Denotes overseas cultivars.

1. New Zealand Schedule of Acceptable Crop Cultivars.

						Official Cultivar Name	Previous Name (where applicable)
A. CEREALS							
Barley	..	..	..	..	..	*Carlsberg Kakapo Kea Rupe *Zephyr *Hassan *Julia Kaniere Manapou Mata	Research
Maize	..	..	..	..	..	Hybrids as under: *PX 610 *PX50 *PX 442 *W 415 *W 575 *W 346 *XL 45 *XL 306 *XL 361	
Oats	..	..	..	..	..	*Achilles Amuri *Dun Maruru Oware Taiko Omih Rahu Aotea Arawa *Gamenya Hilgendorf Karamu Kopara *Raven Takaha	Mapua 70 Onward 63
Ryecorn	..	..	..	..	..
Wheat	..	..	..	..	..