

Note: These entry conditions only apply to species in the Plants Biosecurity Index listed under Import Specifications for Seed as “see 155.02.05 under *Cannabis sativa*”.

Note: Importers of *Cannabis sativa* (low THC hemp seed) must contact the Ministry of Health prior to importation for advice on licensing for low THC hemp seed.

**Ministry of Health
P O Box 5013
Wellington
Attention: Advisor, Controlled Drug Licensing
Telephone: 04 496 2000**

Entry conditions for *Cannabis sativa* (low THC Hemp seed variety) seeds for sowing from approved exporting countries

These requirements are in addition to the Basic requirements set out in Section 2 of the standard.

(i) *Pests of Cannabis sativa*

Refer to “Pest List for *Cannabis sativa*”.

(ii) *Approved exporting countries*

All countries

(iii) *Documentation*

Phytosanitary certificate: A completed phytosanitary certificate issued by the NPPO of the exporting country must accompany all *Cannabis sativa* seeds for sowing exported into New Zealand.

(iv) *Phytosanitary requirements*

Before a phytosanitary certificate is issued, the NPPO of the exporting country must be satisfied that the following activities required by MAF have been undertaken.

The *Cannabis sativa* seeds for sowing have been:

- inspected in accordance with appropriate official procedures and found to be free of any visually detectable regulated pests and weed species, including the regulated insects, mites and weed seeds on MAF’s “Pest List for *Cannabis sativa*”.

AND

- sourced from a “Pest free area” or “Pest free place of production”, free from the named regulated bacteria (*Pseudomonas syringae* pv. *cannabina* and *Xanthomonas campestris* pv. *cannabis*).

OR

- treated with the hot water treatment as described in MAF’s “Approved Treatments for *Cannabis sativa*”;

AND

- sourced from a “Pest free area” free from the named regulated fungi (*Leptosphaeria woroninii*, *Septoria cannabis* and *Curvularia cymbopogonis*

OR

- treated with one of the fungicide combinations described in MAF’s “Approved Treatments for *Cannabis sativa*”;

AND

- sourced from a “Pest free area” or “Pest free place of production”, free from the named regulated viruses (*Hemp mosaic virus* and *Hemp streak virus*).

(v) Additional declarations to the phytosanitary certificate

If satisfied that the pre-shipment activities have been undertaken, the exporting country NPPO must confirm this by recording the treatments applied in the “Disinfestation and/or Disinfection Treatment” section (if applicable), and by providing the following additional declarations to the phytosanitary certificate:

"The *Cannabis sativa* seeds for sowing in this consignment have been:

- [If appropriate] sourced from a “Pest free area”, free from _____ (name of the regulated bacteria) _____, and/or a “Pest free place of production”, free from _____ (name of the regulated bacteria) _____.

AND

- [If appropriate] sourced from a “Pest free area”, free from _____ (name of the regulated fungi) _____;

AND

- sourced from a “Pest free area”, free from _____ (name of the regulated virus) _____, and/or a “Pest free place of production”, free from _____ (name of the regulated virus) _____.

Approved Testing and Treatments for *Cannabis sativa*

Hot water treatment (for bacteria and parasitic weed) prior to shipment

The *Cannabis sativa* seeds must be treated using a hot water dip for the eradication of bacterial organisms (*Pseudomonas syringae* pv. *cannabina* and *Xanthomonas campestris* pv. *cannabis*). Hot water treatment must be conducted either at 50°C for 30 minutes or at 60°C for 10 minutes (Hemp Diseases and Pests: Management and Biological Control. J. M. McPartland, R. C. Clarke and D. P. Watson 2000. CAB International).

Note: The hot water treatment that would be carried out in New Zealand as an alternative to the same treatment prior to shipment, cannot be permitted as no MAF approved facility is currently available in New Zealand.

Fungicides

The *Cannabis sativa* seeds should be treated (in lieu of pest free area) with the active ingredients in one of the following treatments

- (i) Carboxin at 0.8g a.i. per kg seed and thiram at 1g a.i. per kg seed.
- (ii) Carboxin at 0.8g a.i. per kg seed and captan at 0.7g a.i. per kg seed.
- (iii) Imazalil at 80mg a.i. per kg seed and triadimenol at 220mg a.i. per kg seed.
- (iv) Imazalil at 80mg a.i. per kg seed and flutriafol at 80mg a.i. per kg seed.

As required, MAF may evaluate other treatments and if effective, will approve these treatments and add them to this schedule.

Note. Where the treatment can not be applied offshore, the seed consignment may be treated on arrival at a registered transitional facility (New Zealand Ministry of Agriculture and Forestry Regulatory Authority Standard 152.04.03F: *Requirements for holding and processing facilities for uncleared risk goods*).

Pest List for *Cannabis sativa* (Seed for Sowing)

Scientific name	Organism type	Common name	Quarantine status	Measures to prevent entry	Actions on interception
<i>Pseudomonas syringae</i> pv. <i>cannabina</i>	bacterium	-	Regulated	5 or 7 or 8	3
<i>Xanthomonas campestris</i> pv. <i>cannabis</i>	bacterium	-	Regulated	5 or 7 or 8	3
<i>Curvularia cymbopogonis</i>	fungus	-	Regulated	5 or 7	3
<i>Leptosphaeria woroninii</i>	fungus	-	Regulated	5 or 7	3
<i>Septoria cannabis</i>	fungus	yellow leaf spot	Regulated	5 or 7	3
<i>hemp mosaic virus</i>	virus	-	Regulated	7 or 8	3
<i>hemp streak virus</i>	virus	-	Regulated	7 or 8	3
<i>Pyrrhocoris apterus</i>	Insect	fire bug	Regulated	2	3
<i>Episyrphus balteatus</i>	Insect		Regulated	2	3
<i>Ischiodon scutellaris</i>	Insect	syrrhid fly	Regulated	2	3
<i>Metasyrphus latifasciatus</i>	Insect	syrrhid fly	Regulated	2	3
<i>Sphaerophoria scripta</i>	Insect	hover fly	Regulated	2	3
<i>Syrirta pipiens</i>	Insect	hover fly	Regulated	2	3
<i>Aculops cannabicola</i>	mite	hemp russett mite	Regulated	2	3
<i>Orobanche ramosa</i>	Weed	branched broomrape	Regulated	2	3
<i>Forficula auricularia</i>	Insect	European earwig	Non Regulated		
<i>Delia platura</i>	Insect	seedcorn maggot	Non Regulated		
<i>Nezara viridula</i>	Insect	green vegetable bug	Non Regulated		
<i>Mycosphaerella tassiana</i> (anamorph <i>Cladosporium herbarum</i>)	Fungus	black leaf spot	Non Regulated		
<i>Cochliobolus lunatus</i> (anamorph <i>Curvularia lunata</i>)	Fungus	leaf spot	Non Regulated		
<i>Pleospora herbarum</i> (anamorph <i>Stemphylium herbarum</i>)	Fungus	black mould rot	Non Regulated		
<i>Gibberella baccata</i> (anamorph <i>Fusarium lateritium</i>)	Fungus	fusarium rot	Non Regulated		
<i>Botryotinia fuckelliana</i> (anamorph <i>Botrytis cinerea</i>)	Fungus	grey mould	Non Regulated		
<i>Alternaria alternate</i>	Fungus	black stalk rot	Non Regulated		
<i>Penicillium chrysogenum</i>	Fungus	-	Non Regulated		
<i>Agrobacterium tumefaciens</i>	Bacterium	crown gall	Non Regulated		
alfalfa mosaic alfamovirus	Virus	-	Non Regulated		
arabis mosaic nepovirus	Virus	Cucumber mosaic cucumovirus	Non Regulated		

Measures to prevent entry and establishment

1. No measures.
2. Seed and associated packaging inspected and found to be free from visually detectable regulated pests.
3. Consignments are free from extraneous material, e.g., soil, plant residue that may carry regulated pests.
4. Undergone effective treatment for regulated pests.
5. Undergone specified treatment for regulated pests.
6. Undergone specified testing for regulated pests.
7. Sourced from a pest free area.
8. Sourced from a pest free place of production.

Actions on interception

1. Removal of extraneous material, e.g., soil, plant residue that may carry regulated pests.
2. Treat (if appropriate), reship or destroy.
3. No action if pest not viable.