



Annex (2)

**Kingdom of Saudi Arabia
Ministry of Agriculture**

Declaration No. 4 / 3 / 49943 in 1985 for the regulation of importing potato seeds.

The minister of Agriculture declares that due to the expansion in growing potato crop in the Kingdom of Saudi Arabia to meet the increased demand for this crop and since this necessitates the regulation of importing potato seeds for this purpose to ensure its safety and to prevent the introduction of poor qualities of seeds.

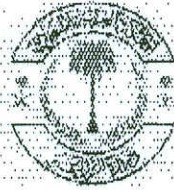
As per the statement presented by the Deputy Minister of Agriculture for Research and Development regarding this matter based on the Act. No. 17 for Plant Quarantine issued by the minister's council No. 207 on 26 / 1 / 1396 A.H. which authorized the Minister of Agriculture to issue instructions needed to execute it's rules:

We decided the following:

- 1st: All imported potato seeds for planting and propagation must comply with all the conditions mentioned in this act before exporting them to the K.S.A.

Material 1 Tubers of potato seeds must be 100% free from the following pests and diseases of all stage dead or alive:

- | | |
|-------------------------------|--|
| 1- Colorado potato beetle | : <u>Leptinotarsa decemlineata</u> |
| 2- Golden Cyst Nematode | : <u>Globodera rostochiensis</u> |
| 3- Root Knot Nematode | : <u>Meloidogyne spp</u> |
| 4- Black Wart | : <u>Synchytrium endobioticum</u> |
| 5- Brown Rot (Bacterial Wilt) | : <u>Pseudomonas solanacearum</u> |
| 6- Ring Rot | : <u>Corynebacterium sepedonicum</u> |
| 7- Japanese beetle | : <u>Papilio japonica</u> |
| 8- Potato Tuber Moth | : <u>Phthorimaea operculella</u> |
| 9- White Cyst Nematode | : <u>Globodera pallida</u> |
| 10-Black Leg | : <u>Erwinia Caratovora var. atroseptica</u> |
| 11-Soft Rot | : <u>Erwinia Caratovora Caratovora</u> |
| 12-Spindle Tuber Viroid | : |
| 13-Potato Mop Top Virus | : <u>Corky spot virus</u> |



Notes

A- Regarding corky spot virus: It should be no symptoms on the imported seeds lot, but it is allowed on the field after planting up to 2-3%.

B- Regarding Black leg disease: the symptoms must not appear on the imported lots, but it is allowed on the field after planting up to 1-2% and this percentage is normal and does not cause danger to the crop.

If the percentage infection in A and B reached above previous levels in the field, these fields must not be used as a source of potato seeds.

Material 2: Imported potato seeds would be allowed to enter to the kingdom under the following conditions:

A- Infected potato seeds does not exceeds 0.5% of the following disease for each lot:

- | | |
|--------------------------|---|
| 1- Foma or Gangarene | : <u>Phoma exigua spp foveata</u> or <u>spp exigsea</u> |
| 2- Early Blight | : <u>Alternaria solani</u> |
| 3- Late Blight | : <u>Phytophthora infestans</u> |
| 4- Black and Brown Spots | |

If spots are due to transportation and storage it's percentage should not exceed 6%.

Material 3: Imported potato seeds would be allowed to enter S. A. if infection with the following diseases does not exceed 6% as maximum in each lot:

- 5- Brown Heart
- 6- Black Heart
- 7- Hollow Heart
- 8- Medium glassy Spots
- 9- Medium Blue Spots
- 10- Severe inner grey discoloration since these disease are due to storage, transport and harvest and it is not considered as infestation diseases but it is categorized under quality control grade of potato.

Material 4: Imported potato seeds would be allowed to enter S.A. which is subjected to damage by the following does not exceed 1% as maximum in each lot.

- 1- Severe Blue Spots
- 2- Severe Inner grey discoloration
- 3- Severe glassy



Material 5: Imported potato seeds would be allowed to enter S.A. and affected by the following damages with 4% as maximum in each lot:

- 1- Discoloration caused by pesticides
- 2- Severe green color

Material 6: Imported potato seeds would be allowed to enter S.A. and they are externally damaged by physical or mechanical injury with 1% as maximum in each lot.

Material 7: Tubers of potato seeds infected with virus diseases complex X, Y, A, M and leaf roll must be within the allowed percentages according to international rules for certified potato seeds as follows.

Seed Grade	Percentage Infection
S/SE	4%
E	4%
A	10%
B	10%

Material 8: Potato seeds infected with Black scurf disease (*R. Solani*) had mild infection identical to models approved by the Dutch Government or equal to other producing countries and the percentage infection should not exceed 10% mild infection and it should be completely free of severe or medium infections.

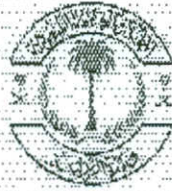
Material 9: Seeds potato infected with common scab (*Streptomyces scabies*) must be identical to model on scale 1-5 approved by the Dutch Government or equal to other producing countries. Powder scab (*Spongospora subterranea*) infection must not exceed 5% mild infection.

Material 10: Soil accompanying certified potato seeds must not exceed 0.5% of the Bag weight, i.e. the soil weight does not exceed 250 gram for a Bag of 50 Kg as maximum.



2nd: Conditions and Specifications of Imported Potato Seeds to K.S.A.

- 1- Imported potato seeds lots must comply with all conditions, instructions, rules, decisions issued in the plant quarantine system and its executive rules applied in the kingdom.
- 2- Quarantine measures should be applied to inspect imported potato seeds lots by the specialized authority in the country of origin before export.
- 3- Potato seeds production should be supervised in the country of origin by specialized authority to follow up areas and production farms from the start of planting until export to prove that the seeds are free from quarantine pests and diseases and to confirm its validity as seeds for export, and to issue international phytosanitary certificates recognized internationally.
- 4- Imported seeds lots must be accompanied by an International phytosanitary certificate issued by specialized authority in the country of origin and it should be mentioned in a separate sheet enclosed with the certificate indicating that the seeds are free from all prohibited pests and diseases from entry to the kingdom and shown in the rules. Also to add any additional informations requested by the kingdom.
- 5- It is not allowed to import potato seeds to the kingdom except the following grades are allowed:
 - A) For propagation class E from foundation seeds as a minimum.
 - B) Seeds to produce potato table from certified seeds class A minimum.
- 6- The size of imported tubers seeds must comply with the international standard 28-55 mm as maximum.
- 7- The tubers must be healthy, alive and comply with the mentioned variety on the bag and have high germination when planted in the field.
- 8- Tubers are packed in new jute bags and mechanically closed tightly, and in case of manual closure it should be stamped and sealed by lead or metal under the supervision of specialized authority.
- 9- The net weight of the jute bags is 50 Kg and it can be imported in wooden boxes each 30 Kg.
- 10- Each bag must have two tickets, one inside and the other fixed on the outside showing variety name, grade size, production country, farm number and year of production.
- 11- Also it should be written clearly on the outside of the bag such as net weight, country of origin and the name of the exporting Co.



- 12-Potato seeds are only imported from countries recognized internationally as potato seeds producers and has special plant quarantine authority which follow up production operations all the year round and issue certified phytosanitary certificates recognized internationally.
 - 13-Potato seeds shipments by sea freight should be kept inside ventilated containers opened from the sides or closed containers and air conditioned.
 - 14-The importer should notify the plant quarantine authority in the port of arrival within 36 hours of the arrival of the consignment.
 - 15-The plant quarantine authority should apply the rules on the consignment and complete inspection of the potato seeds lots within a period of 48 hours from the date of arrival to the sea port and release the consignment if it proved to comply with the conditions and specifications issued in the rules.
- 3rd; These instructions cancels any contradiction with these rules which was issued by this ministry in previous dates and this to be applied from the date of announcement, and it will be continued to be worked with unless another decision issued to modify or cancel it. This has to be informed to all involved to work accordingly.