

ISF Regulated Pest List Initiative

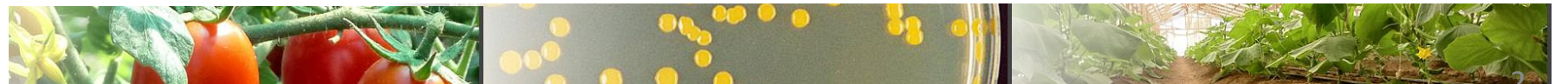
Goal: Deregulate “Seed is Not a Pathway” Pests

ISF's Regulated Pest List Initiative

The Regulated Pest List Initiative

Facilitate the harmonization of phytosanitary requirements for seed

- by developing a database of information on regulated pests of internationally traded seed species, based on
 - a scientific assessment of whether they are a pest risk
 - the experience of the seed industry in managing this risk



The Regulated Pest List Database

ISF regulated pest list database

Remove all filters - List of references by Crop GET THE PDF List of references by Pest Type GET THE PDF

1061 items in table, 9 items shown, 1052 items filtered out.

Species	Crop	Scientific Name	Additional Info	Complementary Info	Type	Is seed a pathway in this crop?	References	Remarks	Is there a seed test?	If yes, type of test	References	Remarks	Can the pest be managed by seed treatment(s)?	If yes, what type(s)?	References	Remarks
Capsicum annum	Pepper	Colletotrichum gloeosporioides			Fungus	Yes	[1-39] Padaganur, G.M. and Naik, K.S. (1991). Mycoflora of chilli seed fruit rot affected and healthy fruit. Current research (Univ. of Agricultural Sciences, Bangalore), 20, 183-184.	C. gleosporioides one of the causal agents of anthracnose of pepper. The disease is not commonly seen in pepper seed production. in production of the inspections and careful selection of healthy fruit should reduce the chances of this organism being associated with the seed. Commercial harvesting (avoiding infected fruit), cleaning and sanitization of pepper seed would	Yes	Incubation	1-10, 1-20	Several methods are compared in reference 1-10.	Yes	Chemical (seed coating)		No references found, however, a seed treatment (such as Thiram slurry), used as a prophylactic measure, may be effective

Goal: Deregulate “Seed is Not a Pathway” Pests

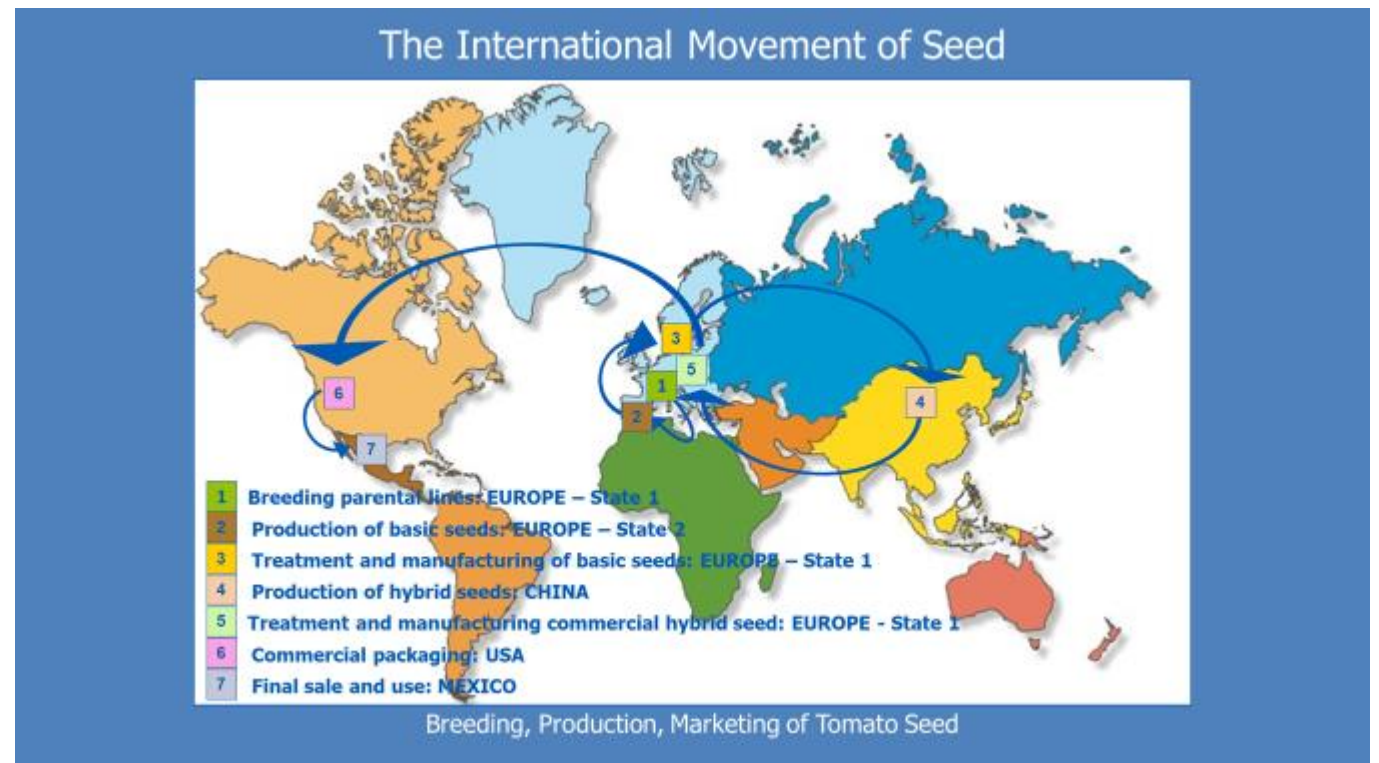
The removal of the phytosanitary requirements that lack scientific justification, i.e. “*Seed is not a Pathway*” and “*Not a Host*” pests indicated in the ISF Regulated Pest List Database

	Seed Species												
Is seed a pathway?	Bean	Brassica	Carrot	Cucumber	Lettuce	Melon	Onion	Pepper	Spinach	Squash & pumpkin	Tomato	Water melon	Eggplant
No	41	52	43	50	36	33	43	45	13	29	89	31	45
Not a host	19	43	38	28	15	16	32	34	13	12	40	16	12

ISF does not gather information on country specific regulated pests

- as it is not relevant to how the seed business operates today and the international movement of seed
- it is not easy to find lists of regulated pests by country on IPPC's website

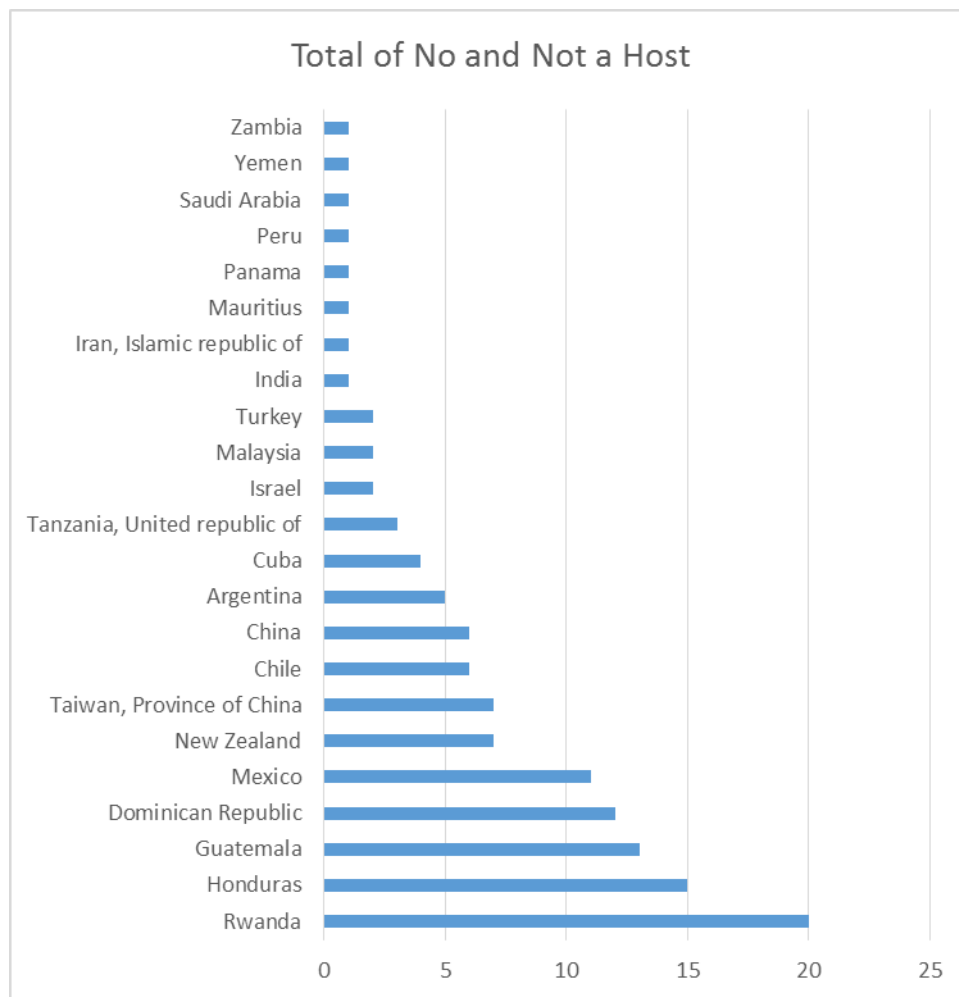
BUT



Example of some countries with regulated pests lacking justification



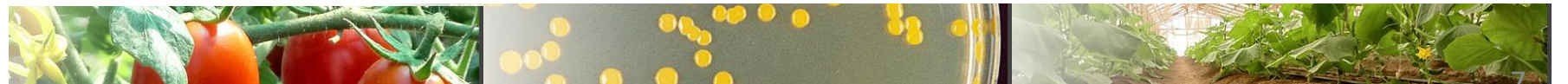
Crop	Scientific Name	IMPORTING COUNTRY	Is Seed a Pathway?
Pepper	ALFALFA MOSAIC VIRUS	HONDURAS	Pathway not proven
Pepper	ALFALFA MOSAIC VIRUS	JORDAN	Pathway not proven
Pepper	ALFALFA MOSAIC VIRUS	PANAMA	Pathway not proven
Pepper	ALFALFA MOSAIC VIRUS	SYRIA	Pathway not proven
Pepper	ALTERNARIA BRASSICICOLA	GUATEMALA	Not a host
Pepper	BROAD BEAN WILT VIRUS	GUATEMALA	No
Pepper	BROAD BEAN WILT VIRUS	SYRIA	No
Pepper	CHOAENOPHORA CUCURBITARUM	MEXICO	Pathway not proven
Pepper	CLAVIBACTER MICHIGANENSIS sp. MICHIGANENSIS	GUATEMALA	Pathway not proven
Pepper	CLAVIBACTER MICHIGANENSIS sp. MICHIGANENSIS	HONDURAS	Pathway not proven
Pepper	CLAVIBACTER MICHIGANENSIS sp. MICHIGANENSIS	ISRAEL	Pathway not proven
Pepper	CLAVIBACTER MICHIGANENSIS sp. MICHIGANENSIS	JORDAN	Pathway not proven
Pepper	CLAVIBACTER MICHIGANENSIS sp. MICHIGANENSIS	MEXICO	Pathway not proven
Pepper	CLAVIBACTER MICHIGANENSIS sp. MICHIGANENSIS	YEMEN	Pathway not proven
Pepper	Colletotrichum capsici	CHILE	Yes
Pepper	COLLETOTRICHUM COCCODES	YEMEN	Yes
Pepper	CUCUMBER MOSAIC VIRUS	GUATEMALA	Pathway not proven
Pepper	CUCUMBER MOSAIC VIRUS	SYRIA	Pathway not proven
Pepper	FUSARIUM OXYSPORUM f. sp. CAPSICI	PANAMA	Pathway not proven
Pepper	FUSARIUM OXYSPORUM f. sp. LYCOPERSICI	YEMEN	Not a host
Pepper	FUSARIUM OXYSPORUM f. sp. VASINFECTIONUM	PANAMA	Not a host
Pepper	PEPPER MILD MOSAIC VIRUS	INDIA	No
Pepper	PEPPER MILD MOTTLE TOBAMOVIRUS	COSTA RICA	Yes
Pepper	PEPPER MILD MOTTLE TOBAMOVIRUS	PANAMA	Yes
Pepper	PEPPER MILD MOTTLE TOBAMOVIRUS	MEXICO	Yes
Pepper	PEPPER MILD MOTTLE VIRUS	MEXICO	Yes
Pepper	PEPPER MILD MOTTLE VIRUS	GUATEMALA	Yes



The ISF Strategy

Advocate for the removal of the phytosanitary requirements that lack scientific justification, i.e. *“Seed is not a Pathway”* and *“Not a Host”* Pests

- ISF ready to provide support to the national seed associations (NSAs) to develop communication materials, list of pests indicated as Seed is not a Pathway or Not a Host, as well as a list of references supporting the deregulation of the pests
- ALL NSAs should compare their country import requirements with the ISF Regulated Pest List database
 - Develop a list of pests lacking technical justification (e.g. all pests indicated as *Seed is Not a Pathway* or *Not a Host*)
 - Have a discussion with your NPPO about the lists of pests you identified and share the references indicated on the ISF Regulated Pest List database to support your claim





Seed is Life