

Pioneer Hi-Bred International Incorporated
7301 NW 62nd Ave
Johnston Iowa 50011

Accreditation Began 08/06/02
Accreditation Expires 06/01/11

- **Phytosanitary Field Inspection for the crops:**
 - *Zea Mays*
 - *Glycine max*
 - *Sorghum sp*
 - *Helianthus annuus*

- **Visual Phytosanitary Seed Inspection**

- **Official Seed Sampling for Phytosanitary Laboratory Testing**

- **Seed Health Testing**
 - Seed Health Testing of *Zea mays* for the pathogens

 - *Stenocarpella maydis*

 - *Cochliobolus carbonum*

 - *Cochliobolus heterostrophus*

 - *Ustilago maydis/Spacelotheca)*

 - *Sclerophthora macrospora*

 - *Peronosclerospora sorghi*

 - *Gibberella zeae* - Culture Plate (McGee 1994)

 - *Fusarium moniliforme* - Culture Plate (McGee 1994)

 - *Penicillium oxalicum*

 - *Cercospora zeae-maydis*

 - *Kabateilla zeae*

 - *Phyllosticta maydis*

 - *Clavibacter michiganensis ssp. nebraskensis*

- *Erwinia stewartii*
- Maize Dwarf Mosaic Virus
- Maize Chlorotic Mottle Virus
- High Plains Virus
- Seed Health Testing of *Glycine max* for the pathogens:
- *Cercospora kikuchii* - Culture Plate (McGee and Nyvall, 1984)
- *Phomopsis/Diaporthe spp.* - Culture Plate (McGee, 1986)
- *Sclerotinia sclerotiorum*
- *Phakopsora pachyrhizi*
- *Phialophora gregata*
- *Phytophthora megasperma var. glycinea*
- *Colletotrichum spp.*
- *Scelrotium rolfsii*
- *Corynebacterium flaccumfaciens pv. flaccumfaciens*
- *Pseudomonas syringae pv. glycinea* - Soaked bulk seed - Biochemical confirmation (Chauveau, 1988)
- *Xanthomonas axonopodis pv glycines*

- Tobacco Ringspot Virus
- Tomato Ringspot Virus
- Soybean Mosaic Virus
- Bean Pod Mottle Virus