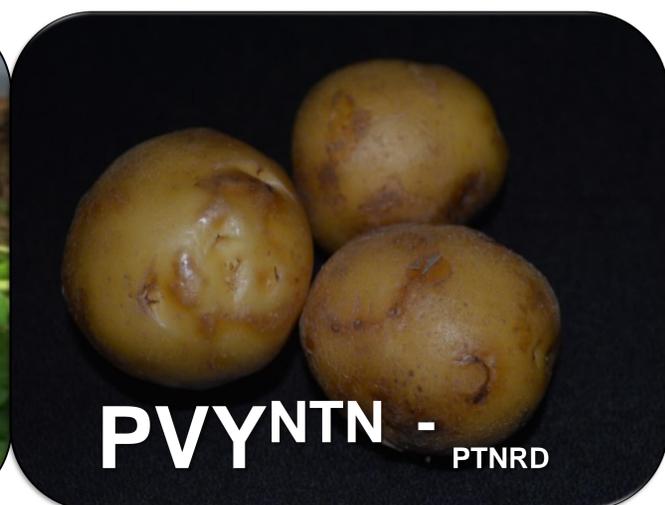
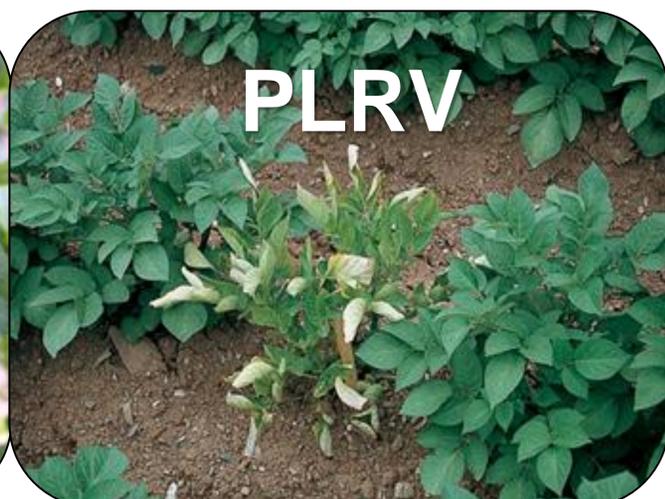
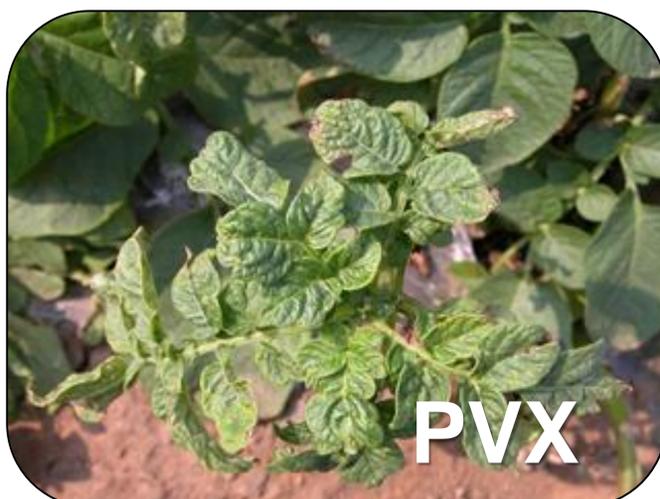


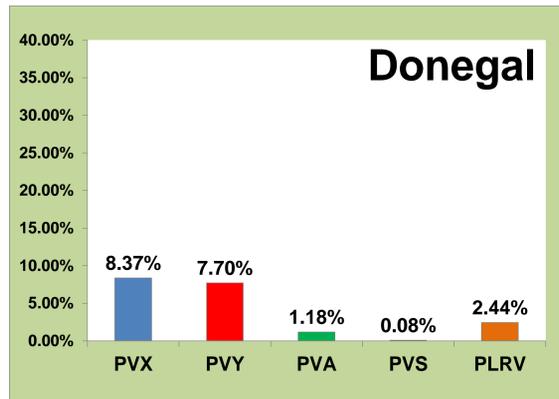
# Potato Virus Symptoms & Control



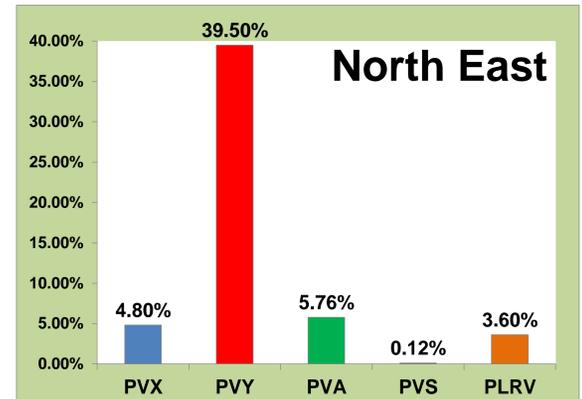
**Using clean seed and avoiding sources of infection is critical to reducing virus incidence**

Virus	Transmission	Symptoms	Control Measures
PVX	Mechanical	Mosaic, chlorosis, decreased leaf size, rough leaves	Roguing, equipment hygiene
PVS	Aphid & Mechanical	Symptoms can be inconspicuous, can show mild mosaic	Roguing, equipment hygiene, insecticide
PVY	Aphid	Severe mosaic, chlorosis, necrosis on veins/leaves, plant stunting	Roguing, insecticide
PVA	Aphid	Mild mosaic	Roguing, insecticide
PLRV	Aphid	Rolling or curling of the leaves, leathery feel	Insecticide, roguing

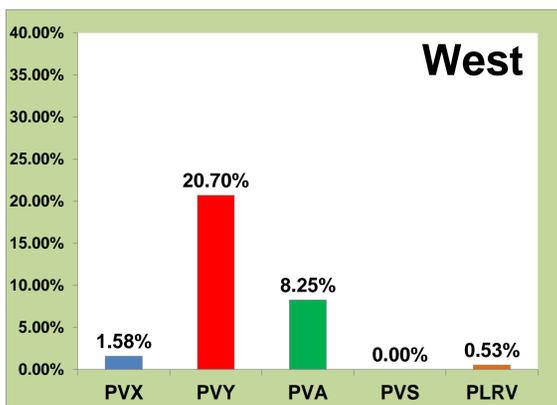
# Potato Virus Incidence 2006-2012



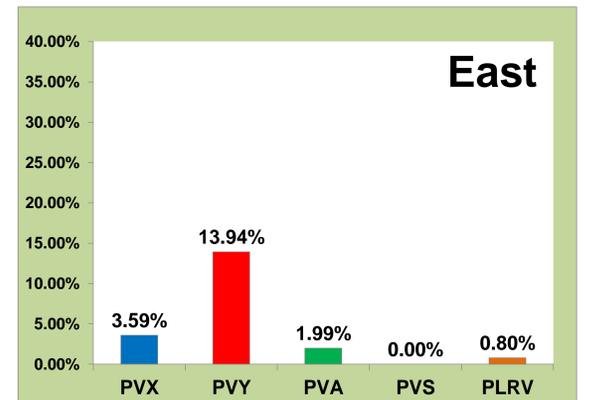
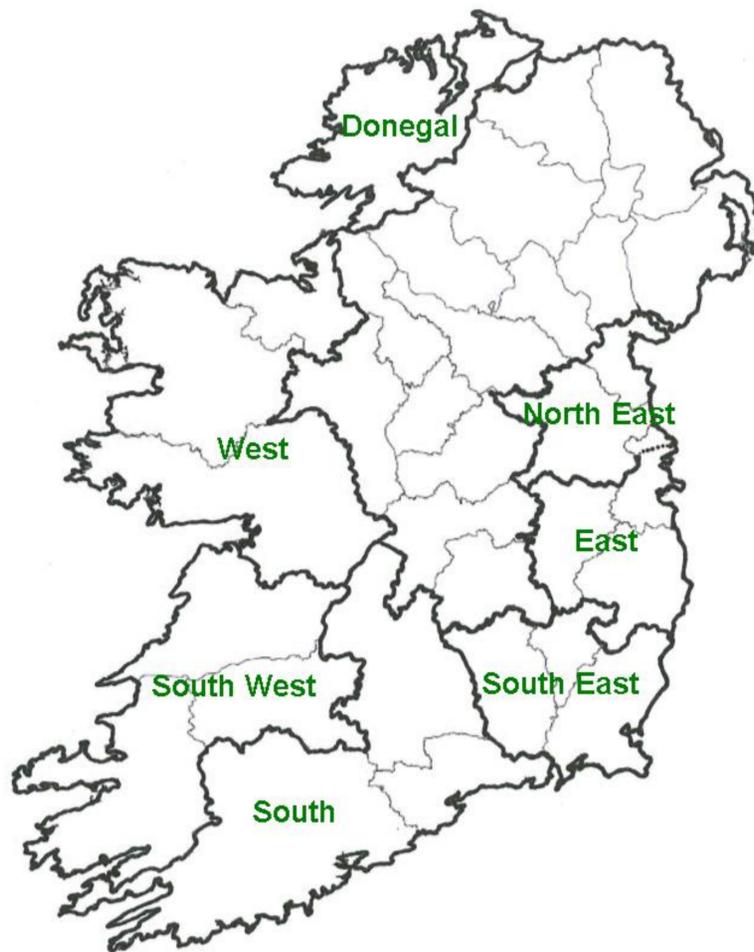
- Moderate virus
- PVX & PVY highest



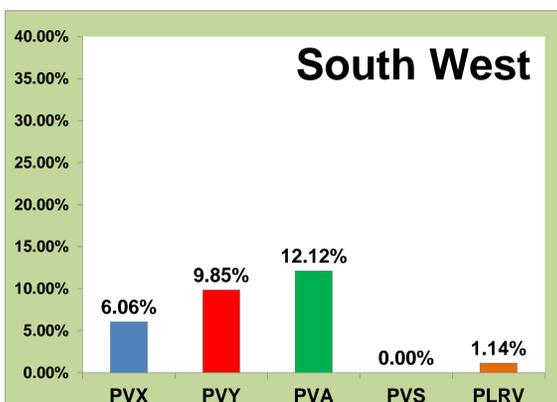
- High virus
- PVY highest
- Moderate PVA



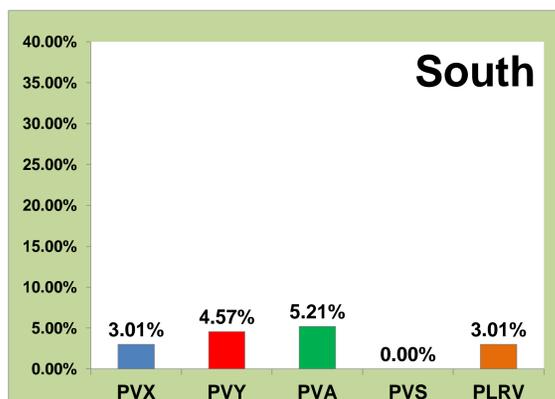
- Moderate to high virus
- PVY & PVA highest



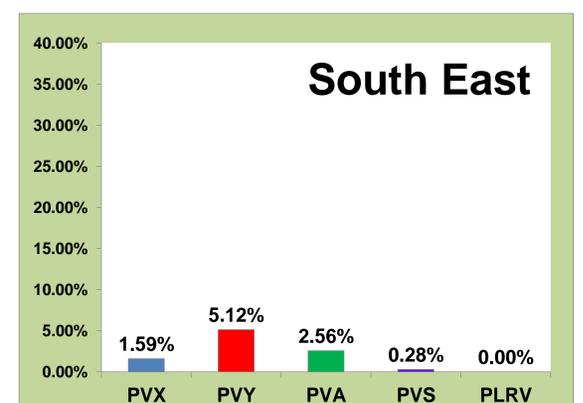
- Moderate virus
- PVY highest



- Moderate to high virus
- PVA & PVY highest
- High PVA in Golden Wonder

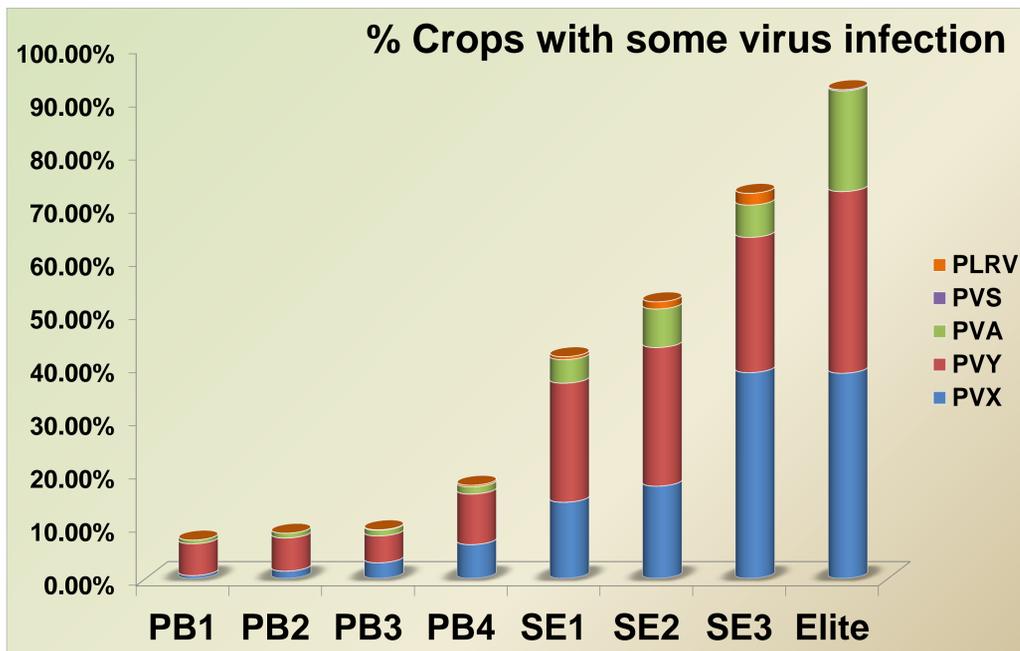


- Low to moderate virus
- PVA highest



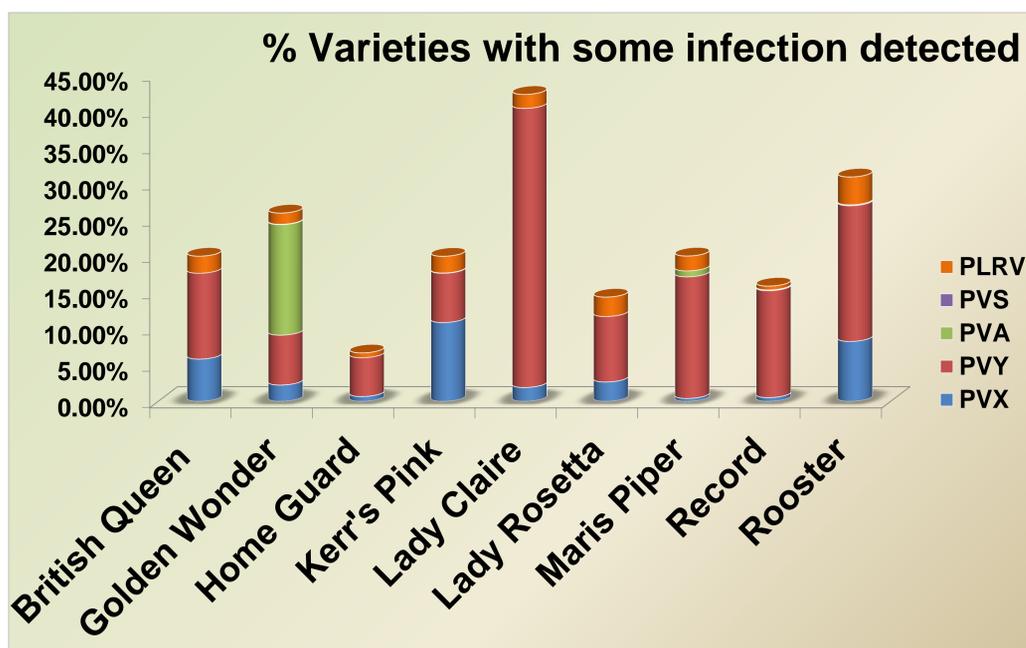
- Low virus
- PVY highest

# Virus Incidence In Seed Crops Entered For Certification



Virus present in a high % of crops but at **very low levels**

Virus levels will increase quickly in successive generations



## Virus risks of key varieties

British Queen - PVY

Golden Wonder - PVA

Kerr's Pink - PVX

Lady Claire - PVY

Rooster - PVY

## Key points

- Certified seed guarantees low virus levels
- Pay attention to susceptible varieties, particularly in highest risk regions e.g.
  - PVX – Donegal
  - PVY – North East
- PVY is the most common and economically important potato virus