

## Crop science and plant health at SASA and the role of the Chief Plant Health Officer

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Sector	£ Gross Value Added (GVA)
Crops	822m
Forestry	1bn
Natural Environment	17.2bn

From:- Economic, environmental and social values of Scottish plant sectors (2017). RESAS Tender ref: CR/2015/15. University of Aberdeen and John Clegg Consulting Ltd



## **Crop Science at SASA**



- Potato & vegetable DUS (potato VCU) testing
- Herbage trials
- The Official Seed Testing Station
- Certifying authority for cereals and potato seed crops
- Inspector training
- UK potato quarantine unit & production of initial propagation material
- GM inspectorate











- Statutory and regulatory control of pests and diseases
- Diagnostic service for non-indigenous pests and pathogens
  - bacteriology, entomology, mycology, nematology and virology
- Monitoring of <u>some</u> indigenous pests and pathogens
- Horticulture and marketing inspectorate
- Plant Health, horticulture, seeds & potatoes policy
  - Plant health, seed potatoes, seeds & varieties, pesticides& fertilisers, etc. ...... Brexit!



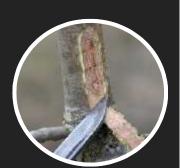








- Build collaboration in plant health across agriculture, forestry, horticulture and the wider environment
- Scottish Plant Health Strategy
- Research, education and best practice
- Outbreak response
- 'Plant pests and diseases do not respect borders'
  - Collaboration (Defra, DAs, EU, EPPO, IPPC, etc.)









The Images featured are subject to Ottown convelob/stratection

## The Scottish Plant Health Strategy



- Commits to safeguarding Scottish plant health, in order to protect and enhance the economy and natural environment
- A coordinated and collaborative approach (UK Plant Health Service)
- Not just about what government can do - partnership working
- Greater engagement and involvement with stakeholders and public



## How WP 2.1 (and it's predecessors) contributes to SASA's/SG's work and the Chief Plant Health Officer role.....



- Diagnostics
  - Blackleg, PCN, etc.
- Pest & crop characterisation
  - Variety trialling, barley and potato genotyping
- Disease management and advice
  - Aphid monitoring, insecticide resistance, IPM, etc.
- Development of regulations, legislation etc.
  - SPCS, *Dickeya*, etc.



