



Australian Government

Assessment Requirements for AHCSP0305 Operate seed treatment machinery

Release: 1

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Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Performance Evidence

The candidate must be assessed on their ability to integrate and apply the performance requirements of this unit in a workplace setting. Performance must be demonstrated consistently over time and in a suitable range of contexts.

The candidate must provide evidence that they can:

- set up and prepare seed treatment machinery for use
- calculate, calibrate and measure dose rates
- formulate a chemical mix to achieve the best treatment
- operate seed treatment machinery and equipment
- complete and report on seed treatment machinery and equipment operation

Knowledge Evidence

The candidate must demonstrate knowledge of:

- principles and practices for operating seed treatment machinery
 - basics of programmable logic controller/treatment control systems and electrical process
 - chemical types and classes
 - difference between coating and pelleting [<5% weight gain film coating (insecticide/fungicide) or >5% weight gain is pelleting]
 - disposal of waste chemical
 - hazards of chemicals
 - labelling requirements associated with coated seed
 - methods of applying chemical and basic recipe formula
 - methods of applying powders
 - personal protective equipment (PPE)
 - procedures for drying, scalping and aspiration of treated seed
 - rules and regulations for storage, transportation and bunding
 - the expectations and limitations of different types of seed coating machines

- the interaction of biological components and their effect on other chemicals, powders, polymers and heat
- the use and differences in biological components in seed coatings
- types of seed treatment machinery and equipment

Assessment Conditions

Assessors must satisfy current standards for RTOs.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>