

Plan cultivation for a crop or pasture, and monitor the results of cultivation

Level 4

Credits 7

Purpose People credited with this unit standard are able to: plan cultivation for a crop or pasture; and monitor the results of cultivation, analyse the causes of inconsistencies, and amend the cultivation plan.

Subfield Agriculture

Domain General Agriculture

Status Registered

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Entry information Open.

Accreditation Evaluation of documentation and visit by NZQA, industry and teaching professional in the same field from another provider.

Standard setting body (SSB) Primary Industry Training Organisation

Accreditation and Moderation Action Plan (AMAP) reference 0052

This AMAP can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Special notes

On-farm procedures refer to verbal and written instructions to staff on procedures for farm machinery use, maintenance, and safety.

Elements and performance criteria

Element 1

Plan cultivation for a crop or pasture.

Performance criteria

- 1.1 Objectives are determined in accordance with the requirements of the crop or pasture to be grown.
- Range includes but is not limited to – soil moisture status, soil structure, seedbed characteristics, weed or weed seed banks, evenness, time frame.
- 1.2 Soil to be cultivated and paddock conditions are assessed to determine their current status.
- Range soil status – condition, type, structure, seed bank.
- 1.3 Implements and their sequence of use for cultivation are selected in accordance with desired results, time frame, current soil status, and topography.
- 1.4 Unplanned events are identified in relation to contingences to manage those events.
- Range includes but is not limited to – adverse weather, ill health of operators, mechanical breakdown.

Element 2

Monitor the results of cultivation, analyse the causes of inconsistencies, and amend the cultivation plan.

Performance criteria

- 2.1 The results of cultivation are monitored to identify inconsistencies with objectives.
- 2.2 Inconsistencies are analysed to determine their causes, and cultivation plan is amended to ensure consistency with objectives.

Please note

Providers must be accredited by NZQA, or an inter-institutional body with delegated authority for quality assurance, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be accredited by NZQA before they can register credits from assessment against unit standards.

Accredited providers and Industry Training Organisations assessing against unit standards must engage with the moderation system that applies to those standards.

Accreditation requirements and an outline of the moderation system that applies to this standard are outlined in the Accreditation and Moderation Action Plan (AMAP). The AMAP also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

Comments on this unit standard

Please contact the Primary Industry Training Organisation standards@primaryito.ac.nz if you wish to suggest changes to the content of this unit standard.