

Agronomy Project

Summary of Feedback, Responses and Actions



29 November 2019

Draft qualifications, units of competency and skill sets for the Agronomy project were made available on the [Skills Impact website](#) for stakeholder review from 16 September to 20 October 2019. Please visit the website to view a full list of the documents that were submitted for consultation during these phases.

Feedback was received from a variety of stakeholders around the country via email, the Skills Impact Feedback Hub, at face-to-face workshops and webinar, via phone and email, as follows:

	ACT	NSW	NT	Qld	SA	Tas	Vic	WA	National
Industry (employer / employee)	*								
Industry association									
Union									
Registered Training Organisation (RTO)	*								
Government department									
Industry Training Advisory Body (ITAB) / Industry Skills Board (ISB) / Skills Advisory Council (SAC), Curriculum Maintenance Manager (CMM)									

* Note: Feedback received from Industry and associated training organisations have advised no relevant stakeholders in the Australian Capital Territory.

Feedback received during the 'drafts available' period for the new and revised units of competency and the new skill set has been well received, with minor changes or updates suggested by stakeholders. Conversation on the new qualification, specifically around the number of packaging rules and placement of units in the core vs electives has generated healthy discussions amongst stakeholders creating robust commentary through the Skills Impact Feedback Hub, at face-to-face workshops and webinar.

Below is a summary of the issues raised for the draft qualification, units of competency and skill set developed and reviewed for the Agronomy project, and how these issues have been dealt with. This involves a consideration of the information provided, views of industry stakeholders and from people who are part of the Subject Matter Expert Working Group process. Resolutions are constructed to consider the needs and views of stakeholders to the extent possible, and to comply with the *Standards for Training Package 2012*. The resolutions may represent a compromise on one or more stakeholder views with the aim of a workable outcome for industry, State and Territory Training Authorities (STAs) and training providers.

Acronyms:

PC – performance criteria, PE – performance evidence, KE – knowledge evidence, AC – assessment conditions, SMEs – Subject Matter Experts, AQF - Australian Qualifications Framework

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Summary of feedback on draft qualification *AHC5XX20 Diploma of Applied Agronomy*

Comments related to Packaging Rules

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
RTO, VIC	<p>Packaging rules: The Victorian Diploma of Agronomy has been reviewed and approved twice at 10 units. I think 12 will make it a hard sell when the others from the package are still 10.</p>	<p>Comments: Thanks for your feedback, based on SME advice, total number of units for the qualification to remain as 12 units.</p>
RTO, VIC	<p>Packaging rules: Some concern over the need for 12 units. Existing delivery of this course is achieved effectively with 10 units. Other Diploma level quals in the AHC package are based on 10. Especially the Diploma of Agriculture which would be a course of direct competition for the Agronomy Diploma 10 vs 12 units would disadvantage the Agronomy course.</p> <p>Following on: 10 units for qualification with a six and four breakdown moving the WRK503 and WRK505 units back into the elective list.</p>	<p>Comments: Thanks for your feedback, based on SME advice, the total number of units for the qualification is to remain as 12 units.</p> <p>Adopted: Based on SME advice, <i>AHCWRK5XX Write and prepare reports</i> to remain in the core units list, <i>and AHCWRK505 Manage trial and research material</i> moved to elective units list.</p>
RTO, VIC	<p>Packaging rules: Needs to revert to 10 units as originally proposed with 6 core units and 4 electives. Plenty of elective options below to contextualise the qualification.</p>	<p>Comments: Thanks for your feedback, based on SME advice, total number of units for the qualification to remain as 12 units.</p>
ITAB, WA	<p>Packaging Rules: 12 Units is good move, let's not dumb it down or industry will not value it.</p>	<p>Comments: Thanks for your feedback, based on SME advice, total number of units for the qualification to remain as 12 units.</p>
ISAC & Industry, NT	<p>NT Stakeholders noted that the packaging rules of '12 units of competency' was suitable for the qualification.</p>	<p>Comments: Thanks for your feedback, based on SME advice, total number of units for the qualification to remain as 12 units.</p>

Comments related to Core Units

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
RTO, VIC	<p>AHCBAC5XX Design and manage a crop and pasture nutrition program: This unit will make it very difficult for our cohort the get a completed qualification as the do not do crops and pastures. However the intent of this unit is extremely important in an agronomic sense with nutrition being one of the major points that they need to cover. Is there a overarching nutrition unit that could be used and this one</p>	<p>Based on SME advice, <i>AHCBAC5XX Design and manage a crop and pasture nutrition program</i> to change to "crop or pasture" - to remain in core, this change will be reflected throughout the content of the unit.</p>

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
	<p>move to an elective. I would to make further comment from an audit for an RTO point of view if you have "and pasture" then this must be completed in the unit.</p> <p>All other core units fall in line in what would be expected for an agronomist to know. Very well done.</p>	
Industry, TAS	<p>AHCWRK505 unit is a stumbling block in live stock or dairy. They don't operate trail themselves, funding through local orgs, they won't do their own trials.</p> <p>AHCMER404 should be CORE?</p> <p>AHCBUS518 not CORE, is it the right unit? AHCBUS404 would this be better.</p>	<p>Adopted: Thanks for your feedback, Based on SME advice; <i>AHCWRK505 Manage trial and research material</i> moved to elective units list <i>AHCBUS518 Prepare and monitor budgets and financial reports</i> moved to elective units list</p> <p><i>AHCMER404 Provide advice on agronomic products</i> remain in elective units list</p> <p><i>AHCBUS404 Operate within a budget framework</i> added to core units list.</p>
Industry, NSW	<p>Include AHCBUS518 into the CORE for pesticides.</p>	<p>Thanks for your feedback, Based on SME advice, AHCBUS518 has been moved to elective and a more suitable unit AHCBUS404 Operate within a budget framework added to core units list.</p>
RTO, VIC	<p>Core Units: AHCBAC5XX The inclusion of "and" can often force a stream of teaching that is outside the particular workplace or environment. Not everyone has pastures or crops. If this could be altered to "and/or" it would not only be easier to teach but have a greater potential relevance to the student.</p> <p>AHCWRK503 Another good subject but its agronomic relevance in all workplaces is questionable. Suggest elective.</p> <p>AHCWRK505 This is a good subject and I would recommend it as an elective but I'm not sure of its relevance to all agronomy workplaces. Suggest as an elective.</p>	<p>Adopted: Based on SME advice, <i>AHCBAC5XX Design and manage a crop and pasture nutrition program</i> to change to "crop or pasture", this change will be reflected throughout the content of the unit.</p> <p>Adopted: Based on SME advice, <i>AHCWRK5XX Write and prepare reports</i> to remain in the core units list, and</p> <p><i>AHCWRK505 Manage trial and research material</i> moved to elective units list.</p>
RTO, VIC	<p>AHCWRK503: Move WRK503 to Elective Unit list.</p> <p>AHCWRK505: Move WRK505 to Elective Unit list. Cohort at this level will probably not be producing Research Agronomists.</p>	<p>Adopted: Based on SME advice, <i>AHCWRK5XX Write and prepare reports</i> to remain in the core units list.</p> <p><i>AHCWRK505 Manage trial and research material</i> moved to elective units list.</p>
Industry, WA	<p>AHCWRK503 Prepare reports – would this be better as communication and extension? Move WRK to electives.</p>	<p>Adopted: Based on SME advice, <i>AHCWRK5XX Write and prepare reports</i> to remain in the core units list, and <i>BSBCMM402 Implement effective communication strategies</i> has been added to the electives unit list.</p>

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
CMM, VIC	Qualification 22514VIC Diploma of Agronomy was 10 units with five core and five electives at around 1200 hours. It appears that the trials (AHCWRK505) and reports (AHCWRK503) units have been added to the core (17% increase in terms of nominal hours). Were these two units seen as essential by the industry subject matter experts? Was AHCAGB518 Develop climate risk management not seen as essential for Agronomists (core)?	<p>Explanation: AHCWRK5XX Write and prepare reports and AHCWRK505 Manage trial and research material were identified as essential by the SMEs during initial development, whereas AHCBUS518 Prepare and monitor budgets and financial reports was not.</p> <p>Adopted: Based on SME advice, AHCWRK5XX Write and prepare reports to remain in the core units list,</p> <p>Further SME consultation has confirmed AHCAGB518 Develop climate risk management strategies to remain in electives unit list, and AHCWRK505 Manage trial and research material has moved to elective units list.</p>
RTO, VIC	Double ups – could Interpret agr data be linked to core subject #521 and elective #507. Concern about leaving AHCAGB521 as a standalone subject – without the end data that the tech collects. Need both together – with the newly developed subject. If we want them to select and use – they must understand the whole pathway. To use technology you should be able to use the info it generates.	<p>Explanation: AHCAGB521 Select and use agriculture technology is about using agricultural technology and AHCNRM507 Manipulate and analyse data within geographic information systems is about manipulating and analysing GIS data, whereas AHCAGB5XX interpret and use agricultural data is about interpreting and using agricultural data from a range of sources. There is a link, but they are not the same thing. You may use the technology without interpreting the data that it may produce, and vice versa.</p>

Comments related to Elective Units

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
RTO, VIC	AHCBAC5XX Develop production plans for crops and pastures: This unit is very specific to BAC however could you please consider that units such as AHCPHT502 Develop a Hort Prod Plan and AHCPHT504 Develop a grape production plan, AHCIRG504 Develop an Irrigation and drainage management plan.	<p>AHCBAC5XX Develop production plans for crops and pastures to change to “crops or pastures” - to remain elective, this change will be reflected throughout the content of the unit.</p> <p>Adopted: Thanks for your feedback, the following units added to electives:</p> <ul style="list-style-type: none"> • AHCIRG508 Develop an irrigation and drainage management plan • AHCPHT502 Develop a horticultural production plan • AHCPHT504 Develop a grape production plan.
RTO, VIC	Should PHT and non BAC units be included in the electives? AHCPHT502 could be an option. Should VIT units be included in the electives, dry land / wet land?	<p>Adopted: the following units added to electives:</p> <ul style="list-style-type: none"> • AHCIRG508 Develop an irrigation and drainage management plan • AHCPHT502 Develop a horticultural production plan • AHCPHT504 Develop a grape production plan.
Industry, NSW	Elective bank: Please incorporate - as an option AHCIRG501 - Audit irrigation systems (Release 1).	<p>Adopted: the following unit added to electives:</p> <ul style="list-style-type: none"> • AHCIRG507 Audit irrigation systems (AHCIRG501 superseded by and equivalent to AHCIRG507 on 20OCT19).
RTO, VIC	Elective units: AHCBAC503 (highlighted "and") This subject actually serves its purpose currently (BAC507) without the "and pasture" inclusion and there is a stand alone pasture subject (BAC401) if needed. If pastures need to be included the the words could be changed to "and/or" to be compatible to individual circumstance.	<p>Adopted: Based on SME advice, AHCBAC5XX Develop production plans for crops and pastures to change to “crops or pastures” with this change reflected throughout the content of these units. AHCBAC503 Manage integrated crop and pasture program to remain as “crop and pasture”.</p>

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
	AHCMER404 The unit title looks promising however the evidence within appears to be directed towards merchandising. An agronomic advice subject would be good but probably at a level 5. If a merchandise unit is what is needed there is MER501 at a higher level worth considering.	Explanation: <i>AHCMER404 Provide advice on agronomic products</i> is providing merchandising advice related to agronomic products, <i>AHCMER501 Develop a sales strategy for rural products</i> is related to developing a sales strategy for rural products. <i>AHCMER404</i> is a better fit as an elective unit than <i>AHCMER501</i> .
Industry, NSW	<p>Agronomy across Australia is broad and knowledge / skill levels are locality specific. Core units seem appropriate as a persons basis of learning or transition (I.e. RPL). To me elective units should lead into a specialist role e.g. pesticides / fertilizers / irrigation or a crop speciality e.g. vines / orchard / dryland pastures or cropping etc. These should lead into "speciality skills sets" either from current industry body certification schemes, current skill sets as noted for other e.g. search AHC for level 4/5 skill sets.</p> <p>AHCSS00042 - Organic Crop Management Skill Set AHCSS00033 - Irrigation Agronomist Skill Set (Release 1).</p> <p>AHCSS00061 - Prepare For and Manage Organic Farm Certification Skill Set (Release 1) or other skill sets as perceived to be needed.</p>	<p>Explanation: The qualification enables credit into a number of AHC skill sets including AHCSS00033 and AHCSS00042, in addition the following units have been added to electives:</p> <ul style="list-style-type: none"> • <i>AHCIRG507 Audit irrigation systems</i> • <i>AHCIRG508 Develop an irrigation and drainage management plan</i> • <i>AHCPHT502 Develop a horticultural production plan</i> • <i>AHCPHT504 Develop a grape production plan.</i> <p>Based on SME advice, no further units from these skill sets were added to the qualification.</p>
RTO, VIC	<p>Units:</p> <p>AHCBAC5XX There needs to be consistency of terminology and application re this debate about Crops and Pastures. The four units (BAC5XX, BAC503, BAC5XX - Production plans and BAC514) should all be Crops OR pastures. Remember a crop is everything from grain to cane and fruit to flowers.</p>	Adopted: Based on SME advice, <i>AHCBAC5XX Design and manage a crop and pasture nutrition program</i> to change to “crop or pasture” and <i>AHCBAC5XX Develop production plans for crops and pastures</i> to change to “crops or pastures” with this change reflected throughout the content of these units. <i>AHCBAC503 Manage integrated crop and pasture program</i> to remain as “crop and pasture”.
RTO, VIC	<p>AHCMER404:</p> <p>This unit would be fit for purpose as the industry has now developed into two commercial agronomy roles. The traditional sales agronomist and the fee for service consulting agronomist.</p> <p>AHCMER404 would appear to have a better fit for the consulting agronomist where as <i>AHCMER501 Develop a Sales Strategy for Rural Products</i> (Nb I currently deliver) would be better suited to the more generalist sales agronomist.</p>	Comments: Thanks for your feedback, your support is noted.
RTO, NSW	Should AHCAGB518 - be a core unit? Relevant to all sectors of Agronomy.	Comments: Based on SME advice, <i>AHCAGB518 Develop climate risk management strategies</i> to remain in electives unit list.

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
ISAC & Industry, NT	<p>Identified by participants that unit 'Interpret agricultural data' should stay within the elective stream of the qualification, noting this would limit those who do not have access to the data systems listed within the unit.</p> <p>NT Stakeholder identified that elective unit ' Provide advice on agronomic products' should be an essential skill within the core of the qualification.</p>	<p>Comments: Thanks for your feedback, noted keeping <i>AHCAGB5XXX Interpret agricultural data</i> as elective.</p> <p>Based on SME advice <i>AHCMER404 Provide advice on agronomic products</i> to remain in the elective units list.</p>
ISAC & Industry, NT	<p>NT participants noted that there seems to be a lot of units around providing advice', potentially to add a 'communicate' unit within the qualification core would be suitable. (May already be a generic BSB unit already available).</p> <p>NT Stakeholder identified units 'Provide advice on agronomic products' and 'provide specialist advice to clients' could be merged into one unit.</p> <p>Further noted, that if the above units are not suitable to merge, identified that unit 'Provide advice on agronomic products' should change to 'Develop an understanding of agronomic products'.</p> <p>Noting there are several products within the industry but could not all be learnt in one go.</p>	<p>Adopted: Based on SME advice, <i>BSBCMM402 Implement effective communication strategies</i> has been added to the electives unit list.</p> <p>Explanation: the units 'Provide advice on agronomic products' and 'provide specialist advice to clients' are separate units as the specialist advice is not limited to agronomic products, whereas the agronomic products unit is an AQF4 unit on providing advice in the context of a merchandising/sales environment. Deeper understanding of agronomic products is covered in the specific AQF5 units such as <i>AHCBAC508 Apply plant biology to agronomic practices</i>.</p>
RTO, VIC	<p>What similarities are there in electives AHCWRK502 to the not yet developed 5XX interpret agr data subject.</p> <p>How much alignment/ similarities between AHCMER404 and AHCWRK509?</p> <p>Delete AHPCM502.</p> <p>Add Cert 4 Irrigation schedule subject, AHCIRG437 schedule irrigations. The AHCBAC504 needs a hort equiv which is where the schedule irrigation topic idea came from.</p>	<p><i>AHCWRK5XX Write and present reports</i> is different to <i>AHCAGB5XX Interpret and use agricultural data</i>. AHCWRK5XX is about researching material, evaluating information, producing a document and delivering a verbal presentation, whereas AHCAGB5XX is about interpreting and using agricultural data from a range of sources.</p> <p><i>AHCMER404 Provide advice on agronomic products</i> is about providing agronomic product sales/merchandise advice, whereas <i>AHCWRK509 Provide specialist advice to clients</i> is about providing specialist advice rather than sales.</p> <p>Adopted: Based on SME advice <i>AHCIRG437 Schedule irrigations</i> not to be included in to elective units and <i>AHPCM502 Collect and classify plants</i> to be removed from elective units list.</p>

General Qualification comments

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
RTO, VIC	Questions around entry requirements and option of a pre diploma skill set?	Based on SME advice, no entry requirements to be added to the qualification, however the following has been added to the qualification description “It is assumed that an individual undertaking this qualification will have prior agriculture or horticulture industry experience”.
Industry, NSW	Qualification Description - why is Horticulture industry not included in the description?	Adopted: description changed to include "horticulture".
ITAB, NT	Put entry requirements or prerequisites on some units rather than a whole qual.	Comments: Thanks for your feedback, however prerequisite unit requirements have not been identified/recommended for the current units in the qualification. Based on SME advice, no entry requirements to be added to the qualification, however the following has been added to the qualification description “It is assumed that an individual undertaking this qualification will have prior agriculture or horticulture industry experience”.
ISAC & Industry, NT	NT Stakeholders noted that the qualification title is suitable for the qualification. Noted by participants, it would be preferred if further skills were completed prior to undertaking the Diploma of Applied Agronomy, such as a Certificate III Agriculture.	Adopted: Based on SME advice, no entry requirements to be added to the qualification, however the following has been added to the qualification description “It is assumed that an individual undertaking this qualification will have prior agriculture or horticulture industry experience”.
RTO, VIC	Whilst we acknowledged that there were no entry requirements, there is an expectation that the pathway most suited would be a minimum cert 3, currently offered by the FREE TAFE programs currently on offer. One would assume if already in industry they would have proven ability to demonstrate this knowledge base. A big push for the and/ or – pasture is a crop so remove this term if required.	Comments: Thanks for your feedback, based on SME advice, no entry requirements to be added to the qualification, however the following has been added to the qualification description “It is assumed that an individual undertaking this qualification will have prior agriculture or horticulture industry experience”. Adopted: Based on SME advice, <i>AHCBAC5XX Design and manage a crop and pasture nutrition program</i> to change to “crop or pasture” and <i>AHCBAC5XX Develop production plans for crops and pastures</i> to change to “crops or pastures” with this change reflected throughout the content of these units. <i>AHCBAC503 Manage integrated crop and pasture program</i> to remain as “crop and pasture”.

Summary of feedback on draft Skill Sets

AHCSS000XX Digital Agronomy Skill Set

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
RTO, QLD	<p><i>BSBITU501 Conduct data analysis:</i> Do we need both this unit and the proposed new unit Interpret and implement agricultural data?</p> <p><i>BSBITU501:</i> Could we combine the existing level 4 unit with the BSB unit?</p>	<p>Adopted: Removed <i>BSBITU501 Conduct data analysis</i> from the skill set, relevant content from this unit covered in <i>ACHAGB5XX Interpret and use agricultural data</i>.</p>
RTO, VIC	<p>Too many units for a skill set. Nearly a qualification in itself. <i>AHCAGB506</i> Not a digital technology unit. It is a spray application unit that has a confusing unit name. Doesn't belong in here.</p> <p><i>AHCAGB521, AHCNRM507, AHCXX5XX Interpret</i> A lot of overlap here - same content with slightly different focus.</p> <p><i>AHCWRK509</i> Is this needed if the upskilling target group is already agronomists. Should already have these skills. <i>BSBITU501</i> Unit for Big data analysis and geared toward business data sets not agricultural data.</p>	<p>Explanation: Six/seven units for a skill set is not uncommon. Adopted: Thanks for your feedback, based on SME advice:</p> <ul style="list-style-type: none"> • <i>AHCAGB514 Manage application technology</i> (formerly <i>AHCAGB506</i>) removed from skill set • <i>AHCAGB521 Select and use agricultural technology</i> kept in skill set • <i>AHCAGB5XX Interpret and use agricultural data</i> kept in skill set • <i>AHCNRM507 Manipulate and analyse data within geographic information systems</i> removed from skill set • <i>AHCWRK509 Provide specialist advice to clients</i> removed from skill set • <i>BSBITU501 conduct data analysis</i> removed from skill set

General Skill Set Feedback

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
RTO, TAS	<p>Additional skill set around financials and budgets for further focus, specially if they want to branch out and start their own business.</p>	<p>Comments: Thanks for your feedback, based on SME advice add to the skills forecast for a new project to consider creation of this skill set, out of scope for this project.</p>

Summary of feedback on draft Units of Competency

New units of competency

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
AHCAGB5XX Interpret and use agricultural data (formerly AHCXXX5XXX Interpret and implement agricultural data)		
RTO, QLD	<p>Knowledge Evidence (KE): Indented list in knowledge should be clearer on purpose. Are the lists examples or can we select up to X number in the list. For example the types of data systems not all those listed are applicable for far north Queensland and some of the data capturing systems which are important are missing. You want students to be able to undertake statistical tests but what tests would you like the students to know, this harks back to good and bad data. If something did not go as plan does not mean that it is bad data it is the data that you have to work with. we can not forge data due to not liking it.</p>	<p>Explanation: the list are the minimum requirements for the unit of competency. There is no reference to “statistical tests”, rather “analyse data statistically”.</p> <p>Adopted: “how to distinguish between good and bad data” has been changed to “how to distinguish between valid and invalid data”. Added “how to distinguish between spatial and time data available in relation to results predicted and results recorded”.</p>
Industry, NSW	<p>Agree with comment above about data in general. Maybe principles should state something like: Distinguish between spatial and time data available in relation to results predicted and results recorded. Identify missing measurements or variables thoughts.</p>	
RTO, VIC	<p>Performance Criteria (PC) 1.3: There appears to be a gap and needs to be a precursor for reviewing and selecting appropriate software. This is likely to be covered in AGB521 Select and Use Agricultural Technology.</p>	<p>Adopted: added PC 1.3 "Review and select appropriate software program or application (App)".</p>
RTO, QLD	<p>Unit Application and Element 5: remove monitoring and reflect this throughout the unit. PC 5.4: need to change this performance criteria to remove monitoring. Performance Evidence (PE), last dot point: remove identified.</p>	<p>Adopted: removed monitoring throughout unit. Changed PC 5.4 to "Implement corrective actions as required", removed "identified" from PE (last dot point).</p>
RTO, QLD	<p>PC 5.4: monitor agricultural operations, feel that having to monitor the operations will limit the units use for consultants and people providing specialist input to the enterprise, same for other instances of this type of operational criteria.</p>	<p>Adopted: removed monitoring throughout unit. Changed PC 5.4 to "Implement corrective actions as required".</p>
RTO, VIC	<p>Unit code, possibly AHCAGB sector.</p>	<p>Adopted: unit coded to AHCAGB, Agribusiness sector.</p>

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
RTO, QLD	Should there be any IT performance criteria included in this UOC? In general, which data are we collecting? If Financial data then do the learners have pre-knowledge of that?	Explanation: This unit is about interpreting and using agricultural data, the data being collected is agricultural data. The sources of data, etc are listed in the knowledge evidence. An additional PC has been added, PC 1.3 "Review and select appropriate software program or application (App)".
Industry, WA	KE irrigation tracking, reword to water use etc.	Adopted: changed knowledge evidence "irrigation tracking" to "water use".
CMM, VIC	<p>Title: How do you implement data? Does not make sense to me.</p> <p>PC 1.3 If this unit is about data use and analysis using software then that should be mentioned the Application. It is possible access data without needing to put it into a software program.</p> <p>PC 1.4 There are other units about using geospatial data to make maps. Not all data would be used for mapping. What about all the data sensors on farms - soil temperature, moisture etc. Could that be maps or reports?</p> <p>PC 2.1 Intrepret maps and reports: Maps or reports Element 3 This element should include identifying the validity and reliability of the data as well as gaps.</p> <p>PC 4.1 Would you do this for all types of data sets. You would analyse data but not always for statistical significance.</p> <p>PC 4.2 Is this stepping into the space of an advisor when this unit is more about collecting and analysing the data to inform the decision making of the producer rather than advising the producer on how to improve production?</p> <p>Element 5 "Implement": Once again, there must be a better word than implement. Even the word 'use' makes more sense.</p> <p>PC 5.1 "software program" As for previous software comment. Also it may be a 'App'.</p>	<p>Adopted: title changed to "Interpret and use agricultural data".</p> <p>Added new PC 1.3 "Review and select appropriate software program or application (App)", application changed to include "enter and use agricultural data".</p> <p>Contemporary farming practice uses data inputs (sensors, vehicle data, yield maps, etc) to produce layers of information that are often used to create maps and reports. Changed PC 1.5 to "maps or reports".</p> <p>Changed PC 2.1 to "maps or reports". Changed PC 3.1 to "Identify validity, reliability and gaps...etc".</p> <p>Changed PC 4.1 to "Collect and analyse data to....etc".</p> <p>PC 4.2 removed in toto</p> <p>Changed element 5 to "Use agricultural data".</p> <p>Changed PC 5.1 to "Collect and organise....software program or App".</p>

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
	<p>PC 5.2 & PC 5.3 “maps and reports” change to "maps or reports".</p> <p>PC 6.2 Wouldn't the business manager be doing this? Not covered in the application of the unit.</p>	<p>Changed PC 5.2 to "maps or reports" Changed PC 5.3 to "Incorporate agricultural data into business operations".</p> <p>Changed PC 6.2 to "Identify opportunities for improvements...etc".</p>
CMM, VIC	<p>PE: fourth dot point “identified gaps and solutions to address gaps in existing agricultural data”: Should include data quality/validity and reliability.</p> <p>PE: fifth dot point “and”: This could be an and/or situation.</p> <p>PE: sixth dot point Reword “coordinate” should possibly be 'organise'.</p> <p>PE: seventh dot point "maps or reports".</p> <p>KE: second dot point - good and bad data: Valid and non-valid.</p> <p>KE: second main dot point - the concept of farming as a system: None of this is in the PCs.</p> <p>KE: third main dot point - including: Insert the words 'may include' or all of these will be looked for in an audit. Also technology changes quickly and these would be more indicative than prescribed.</p> <p>KE: fourth main dot point - application of agricultural data systems and sources of data to assist with monitoring: Agree that this should be in the KE but would need to have a corresponding PC about confirming the application the data systems in the PCs. Also use the words 'may include' unless all of these must be covered.</p>	<p>Adopted: PE: fourth dot point changed to "identified validity, reliability and gaps in existing data and solutions to address gaps in existing agricultural data".</p> <p>PE: fifth dot point "....where required".</p> <p>PE: sixth dot point changed to "collected and organised...etc".</p> <p>PE: seventh dot point changed to "maps or reports".</p> <p>KE: second dot point changed to "...valid and invalid data".</p> <p>KE: second main dot point the concept of farming as a system - changed PC 1.1 to "Discuss business objectives and farming system...etc".</p> <p>KE: third main dot point, these are the minimum, common types of data systems relevant to agriculture. The intent is that knowledge of all these data systems be covered as a minimum. Based on SME advice types of data systems changed to:</p> <ul style="list-style-type: none"> " • types of data systems relevant to agricultural data, including: • Global Navigation Satellite Systems (GNSS) • Normalised Difference Vegetation Index (NDVI) • Global Information Systems (GIS) • Real-Time Kinematic (RTK) • Unmanned Aerial Vehicle (UAV) imagery". <p>KE: fourth main dot point changed to "sources of data to assist with monitoring" linked to PCs 1.1, 1.2.</p>

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
	KE: last dot point: Needs a corresponding PC about confirming the application in the PCs. Somewhere in element 1. Also are all these dot points a must?	KE: last main dot point changed to "sources of data to assist with managing" linked to PCs 1.1, 1.2.
ISAC & Industry, NT	NT participants noted that unit 'Interpret and implement agricultural data', should change to 'Monitor and Manage Agricultural Technology', this is due to the data systems listed within the qualification may change over time and should not be so specific.	<p>Comments: Unit title changed to "Interpret and use agricultural data". This unit is about the data, not the monitoring and management of the technology. The unit <i>AHCAGB521 Select and use agricultural technology</i> and several other units (such as <i>AHCMOM502 Implement a machinery management system</i>, <i>AHCMOM501 Manage machinery and equipment</i>", etc) are focussed on the technology. Based on SME advice types of data systems changed to:</p> <ul style="list-style-type: none"> • types of data systems relevant to agricultural data, including: <ul style="list-style-type: none"> • Global Navigation Satellite Systems (GNSS) • Normalised Difference Vegetation Index (NDVI) • Global Information Systems (GIS) • Real-Time Kinematic (RTK) • Unmanned Aerial Vehicle (UAV) imagery".
RTO, VIC	<p>Application: "They analyse and synthesise information and analyse, design and communicate solutions to sometimes complex problems." change "synthesis" to "process" and remove "analyse".</p> <p>PC: 1.1 Remove "business". Objectives could be environmental, social or lifestyle objectives - not always business driven.</p> <p>PC: 1.2 Remove business - as above. Doesn't change intent of criteria.</p> <p>PC: 2.4 and information with business owner or land manager remove?</p> <p>PC: 4.1 statistically Needs to be removed. Statistical analysis is a whole unit in itself.</p> <p>PE: •collected and coordinated agricultural data and entered into software program change to collected and processed agricultural data using a software program.</p> <p>KE: •how to distinguish between good and bad data and how to clean data.</p>	<p>Explanation: the wording in the application is consistent with Australian Qualifications Framework descriptors for an AQF 5 unit of competency.</p> <p>Adopted: PC: 1.1 Replaced "business" with "workplace".</p> <p>PC: 1.2 Replaced "business" with "workplace".</p> <p>PC: 2.4 kept "with business owner or land manager", this is consistent with industry site visits.</p> <p>PC: 4.1 Changed to "Collect and analyse data to...etc".</p> <p>PE: Changed "• collected and coordinated agricultural data and entered into software program" to "• collected and organised data agricultural data and entered into software program or application (App)".</p> <p>KE: Changed "• how to distinguish between good and bad data" to "• how to distinguish between valid and invalid data and how to clean data".</p>

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
	<p>KE: •how agricultural data and decisions fit into the business plan, business drivers, costs and return on investment are there other benefits?</p> <p>KE: •types of data systems relevant to agricultural data, including which may include: - may not all be relevant to every field of agriculture.</p> <p>KE: •application of agricultural data systems and sources of data to assist with managing: •irrigation tracking: too specific and not really required knowledge for this unit.</p>	<p>Kept "• how agricultural data and decisions fit into the business plan, business drivers, costs and return on investment". These are the main benefits for a business.</p> <p>Based on SME advice types of data systems changed to: "• types of data systems relevant to agricultural data, including:</p> <ul style="list-style-type: none"> • Global Navigation Satellite Systems (GNSS) • Normalised Difference Vegetation Index (NDVI) • Global Information Systems (GIS) • Real-Time Kinematic (RTK) • Unmanned Aerial Vehicle (UAV) imagery". <p>Changed "• irrigation tracking" to "• water use".</p>
AHCBAC5XX Design and manage a crop or pasture nutrition program		
RTO, VIC	<p>Application: "and" should be manage a crop "and/or" pasture nutrition program.</p> <p>PC: 3.4 "tools, equipment and machinery cost": Does this need to be specific. Doesn't resources potentially cover this.</p>	<p>Adopted: Based on SME advice, <i>AHCBAC5XX Design and manage a crop and pasture nutrition program</i> to change to "crop or pasture" with this change reflected throughout the content of these units.</p> <p>Adopted: PC 3.4 changed to "Identify and cost resource requirements for...etc", change also reflected in foundation skills and performance evidence.</p>
RTO, VIC	<p>PC 3.1: In the future this performance criteria will be required to be more comprehensive of organic fertiliser/materials as organic farming practices expand and recycling technologies advance. The likely rapid growth and adoption of bio-stimulant technology and improved fertiliser use efficiencies should also be considered. Sub- groups of 3.1 are likely to be required. i.e. 3.1a) inorganic, b) organic c) bio-stimulants & enhancement products. All related to sustainable farming practices.</p>	<p>Thanks for your feedback, comments noted.</p>
CMM, VIC	<p>Title: "and" change to "or".</p> <p>Application: "characteristics" change to "site characteristics". First sentence: Could this be better worded? Does not read very well.</p>	<p>Adopted: Based on SME advice, <i>AHCBAC5XX Design and manage a crop and pasture nutrition program</i> to change to "crop or pasture" with this change reflected throughout the content of these units.</p> <p>Application: characteristics changed to "site characteristics". First sentence changed to "...review, test and analyse site...etc".</p>

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
	<p>Element 1. Reading the PCs for this element, it is actually more than just analysing regional and site characteristics. PCs 1.4 to 1.7 are outside of the element.</p> <p>PC 1.7: This is a bit odd, given the plant species may not be under production at the design stage. Works more for pasture than cropping perhaps.</p> <p>PE: First dot point “findings on plant structure, biology”. Where is this in the PCs? Perhaps the first PC in element 2 should be about the crop or pasture species</p> <p>PE: Fourth dot point: “applied relevant workplace health and safety, and environmental and biosecurity legislation, regulations and workplace procedures”. Relevant PCs 3.6 and 3.7 do not mention applying or is that PC 3.8, which then crosses over with 3.6. Perhaps identify before 3.6.</p> <p>PE: last dot point “documented a nutrition program and nutrition management plan, including remedial actions” Are these two different plans or one and the same. Where is the monitoring and evaluation? (which, I assume will drive the remedial actions).</p>	<p>Element 1 changed to "Review test and analyse site characteristics". PC's 1.4 to 1.7 now fit within this element.</p> <p>PC 1.4 changed to: "...visual inspection, sampling...etc".</p> <p>PC 1.7 changed to: "...plant species by...etc".</p> <p>PC 2.1 changed to: "Identify plant species nutrition...etc".</p> <p>PC 3.6, 3.7 and 3.8 reordered.</p> <p>Element 4 changed to: "...nutrition program and nutrient management plan".</p> <p>PC 4.1 changed to: "...and nutrient management plan".</p> <p>PC 4.5 changed to: "...nutrition program results...etc".</p> <p>PE: First dot point linked to reworded PC 2.1.</p> <p>PE: Fourth dot point linked to reordered PC 3.6.</p> <p>PE: Last dot point linked to PC's 2.5, 3.9, 4.1 (reworded), 4.3 and 4.4 - monitoring and evaluation is PC 4.1.</p>
CMM, VIC	<p>KE: third dot point change to selected crop "or pastrure" species.</p> <p>KE: fouth dot point “characteristics of plants at various growth stages, including nutritional requirements and demands”This is largely missing from the PCs. Partly covered in 3.2 but feel that the plant characteristics should be in in PC 2.</p> <p>KE: fifth dot point “identification of local pastures, crops and weeds at various growth stages” not in PCs.</p>	<p>Adopted: Based on SME advice, AHCBAC5XX Design and manage a crop and pasture nutrition to change to “crop or pasture” with this change reflected throughout program the content of these units.</p> <p>KE: fourth dot point linked to PC 1.7 (reworded), 2.1 (reworded) and 3.2.</p> <p>KE: fifth dot point removed in toto.</p>

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
	<p>KE: seventh dot point “plant structure and physiology including basic biochemical pathways” Not explicit in PCs.</p> <p>KE: ninth dot point “including visual symptoms” Not is PCs. Visual symptoms should be put into the PC dealing with plant nutrient testing.</p> <p>KE: tenth dot point “organic matter, pests and disease, and nutrient interactions in soil and nutrient cycle” Not explicit in the PCs, Maybe include in element 2 or could be part of the monitoring.</p> <p>KE: twelfth dot point “nutrient interactions in soil including the nutrient cycle, the influence of organic matter, pests and disease, and availability and mobility of nutrients, including macro and micro elements, to plants” Once again, this is not in the PCs. Not saying that this is not important but is it required as per the elements and PCs?</p>	<p>KE: seventh dot point removed in toto.</p> <p>KE: formerly ninth (now seventh) dot point linked to PC 1.4 (reworded) - visual inspection.</p> <p>KE: formerly tenth (now eighth) dot point linked to PC's 1.7 (reworded), 2.1 (reworded) and 3.2.</p> <p>KE: twelfth dot point removed in toto.</p>
ITAB & Industry NT	NT participants support both alternatives to the wording of 'Crops or pastures' and/ or 'crops' within specific units of competency.	Adopted: Based on SME advice, <i>AHCBAC5XX Design and manage a crop and pasture nutrition program</i> to change to “crop or pasture” with this change reflected throughout the content of these units.

Revised units of competency

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
AHCBAC5XX Develop production plans for crops or pastures (formerly AHCBAC507 Develop production plans for crops)		
RTO, VIC	<p>PE: “prepared budgets and gross margins” duplicated see down further.</p> <p>PE: “sourced and interpreted relevant benchmark information” See above I believe that this is duplicated.</p>	Explanation: the PE "prepared budgets and gross margins" is linked to PC 1.2, 1.3 and 3.5, whereas "sourced and interpreted relevant benchmark information" is linked to PC 2.1 and 2.2.
RTO, VIC	<p>Unit Application: “and/or” I think we need to be aware of situation relevance and not force specifics that aren't necessary part of all agricultural environments. (comment applicable throughout unit text).</p> <p>PC 3.1 “Assess proposed crop land” need to get rid of crop.</p>	<p>Adopted: Based on SME advice, <i>AHCBAC5XX Develop production plans for crops and pastures</i> to change to “crops or pastures” with this change reflected throughout the content of these units.</p> <p>Adopted: PC 3.1 changed to “Assess proposed land areas...etc”.</p>

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
RTO, QLD	Unit title: Do we need to add pastures to this unit or are we broadening this specialised crop unit to far, we still have AHCBC503 for integrated operations.	Adopted: Based on SME advice, <i>AHCBC5XX Develop production plans for crops and pastures</i> to change to “crops or pastures” with this change reflected throughout the content of these units.
ISAC & Industry, NT	NT participants support both alternatives to the wording of 'Crops or pastures' and/ or 'crops' within specific units of competency.	Adopted: Based on SME advice, <i>AHCBC5XX Develop production plans for crops and pastures</i> to change to “crops or pastures” with this change reflected throughout the content of these units.
CMM, VIC	<p>throughout doc change crops and pastures to "or". This unit it very similar in outcomes to AHCBC503.</p> <p>PC 1.3 “Select most profitable” Most profitable? Would the selection be on minimising input costs? This unit is about the process of developing production plans and being able to cost the plans and compare plans is part of that process. Not sure that profitability is the right word here. Cost effective?</p> <p>PC: 1.4 “Assess technology” To use for what - not clear</p> <p>PC: 3.1 ? This seems out of sequence when the research on the plant species and variety is in element 1.</p> <p>PC: 3.2 “Use records of chemical use for planning to reduce chemical resistance” May not apply in the case of organic or biodynamic enterprises.</p> <p>PC: 3.3 “Select crop and pasture varieties” Isn't this Element 1?</p> <p>PC: 4.2 “Plan and check machinery and equipment requirements for the production cycle” And availability - for producers who use contractors.</p> <p>PE: There must be evidence that the individual has developed (and reviewed) production plans for crops (or pastures).</p>	<p>Adopted: Based on SME advice, <i>AHCBC5XX Develop production plans for crops and pastures</i> to change to “crops or pastures” with this change reflected throughout the content of these units.</p> <p>PC: 1.3 Changed to "Select cost effective...etc".</p> <p>PC: 1.4 Unchanged - to ensure most efficient. Etc.</p> <p>PC: 3.1 Changed to "...other factors that may affect crop or pasture varieties".</p> <p>PC: 3.2 Changed to "...where required".</p> <p>PC: 3.3 Changed to "Confirm crop or pasture varieties and plan...etc".</p> <p>PC: 4.2 Changed to "Plan and check machinery and equipment requirements and availability...etc".</p> <p>PE: Changed "There must be evidence that the individual has developed production plans...etc" to "There must be evidence that the individual has developed and reviewed production plans...etc".</p>

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
	<p>PE: " • sourced and interpreted relevant benchmark information" - Repeat of first dot point?</p> <p>PE: " • demonstrated correct use of technology to improve efficiency: - What is 'correct use' of technology?"</p> <p>PE: " • prepared crop and pasture programs"</p> <p>PE: " • reviewed, amended and documented the production plan" - Aren't these two points covered in the statement at the top?</p> <p>PE: " • prepared budgets and gross margins" – duplicate</p> <p>PE: " • prepared individual paddock plans and a whole farm cropping and pasture pla" - Not in elements or PCs</p> <p>PE: " • developed and implemented environmental and biosecurity risk control procedures" - Assessed, not implemented (not in PC).</p> <p>PE: " • implemented relevant workplace health and safety procedures" - Not in PCs - Assessed only.</p>	<p>Retained PE: " • sourced and interpreted relevant benchmark information" - not the same as budgets and gross margins, relates to production targets, benchmark and target yields.</p> <p>Changed PE: " • demonstrated correct use of technology to improve efficiency" to " • demonstrated use of technology to improve efficiency".</p> <p>Removed in toto " • prepared crop and pasture programs".</p> <p>Removed in toto " • reviewed, amended and documented the production plan".</p> <p>Removed in toto duplicate " • prepared budgets and gross margins".</p> <p>Removed in toto " • prepared individual paddock plans and a whole farm cropping and pasture plan".</p> <p>Changed " • developed and implemented environmental and biosecurity risk control procedures" to " • assessed environmental and biosecurity risks and developed controls and procedures".</p> <p>Changed " • implemented relevant workplace health and safety procedures" to " • assessed relevant workplace health and safety procedures".</p>
CMM, VIC	<p>KE: What about models for calculating water efficiency (PC 2.3).</p> <p>KE: " • disease and pest management for relevant crops and pastures" – selected.</p> <p>KE: " • machinery and equipment requirements for cropping and pastures" - selected cropping or pastures.</p> <p>KE: " • record keeping systems - need to be more specific" - record keeping systems for.....</p>	<p>Added KE: " • models for calculating water efficiency".</p> <p>Changed KE: " • disease and pest management for relevant crops and pastures" to " • disease and pest management selection for relevant crops ...etc".</p> <p>Changed KE: " • machinery and equipment requirements for cropping and pastures" to " • machinery and equipment requirements for selected crops...etc".</p> <p>Changed KE: " • record keeping systems" to " • crop or pasture performance record keeping systems".</p>
AHCBA503 Manage integrated crop and pasture production		

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
ISAC & Industry, NT	NT participants support both alternatives to the wording of 'Crops or pastures' and/ or 'crops' within specific units of competency.	Comments: Based on SME advice, <i>AHCBAC503 Manage integrated crop and pasture program</i> to remain as "crop and pasture".
CMM, VIC	<p>Doc change all crop and pasture to "or".</p> <p>PC: 1.2 Select plant varieties that are best suited to soil, climate, seasonal conditions and marketing goals for crop/pasture.</p> <p>PC: 1.6 Assess technology for what? - abit vague.</p> <p>PC: 4.1 Monitor pasture and crop yields and evaluate against forecast production levels and determine possible reasons for variance - where have these been forecast?</p> <p>PC: 4.3 - is this very different to PC 4.2?</p> <p>PE: "• measured and assessed quantities of fertiliser and pesticide" ... for what - is a bit vague.</p> <p>PE: "• applied environmental protection strategies in land use" - Not specified in E or PCs.</p> <p>PE: "• set objectives and milestones" - Not specified in Elements or PCs.</p> <p>PE: "• determined soil quality and land use capability" - Not in PCs.</p> <p>PE: "• monitored soil moisture levels to avoid soil degradation" - Wouldn't soil moisture be monitored for a range of reasons. The PC says to monitor erosion and is covered (five points below).</p> <p>PE: "• maintained the productivity of crops and pastures in a farming system" - First time farming system has been mentioned. Knowledge of the different types of farming systems is missing from the</p>	<p>Comments: Based on SME advice, <i>AHCBAC503 Manage integrated crop and pasture program</i> to remain as "crop and pasture".</p> <p>PC: 1.2 changed to "Select plant varieties that are best suited to soil, climate, seasonal conditions and marketing goals for crop or pasture"</p> <p>PC: 1.6 unchanged "to ensure efficient performance...etc"</p> <p>PC: 4.1 changed to "Monitor pasture and crop yields and evaluate against production targets and determine possible reasons for variance"</p> <p>PC: 4.3 unchanged - relates to evaluating production performance, 4.2 unchanged - relates to evaluating grazing and cropping programs.</p> <p>Changed PE: "• measured and assessed quantities of fertiliser and pesticide" to "• determined fertiliser and pesticide application rates".</p> <p>Removed in toto "• applied environmental protection strategies in land use".</p> <p>Removed in toto "• set objectives and milestones".</p> <p>Removed in toto "• determined soil quality and land use capability".</p> <p>Removed in toto "• monitored soil moisture levels to avoid soil degradation".</p> <p>Removed in toto "• maintained the productivity of crops and pastures in a farming system".</p>

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
	<p>PCs and KE. This is a BAC unit and broadacre farming systems for crops or pastures should be explicit in the unit.</p> <p>PE: "• implemented grazing strategies" - if this unit becomes crop or pastures then there may be no pasture or no crops.</p> <p>PE: "• used physical and financial records of production to evaluate production performance" - These are not mentioned in elements or PCs.</p>	<p>Removed in toto "• implemented grazing strategies".</p> <p>Removed in toto "• used physical and financial records of production to evaluate production performance".</p>
AHCBA504 Plan and manage a stored grain program		
CMM, VIC	<p>PC: 1.7 "Prepare program" - program plan. PC: 1.8 "Document program" - program plan.</p> <p>PC: 2.4 "Determine monitoring points" - Would this be done in the program?</p> <p>PE: "• undertaken a cost benefit analysis of grain storage" - not.</p> <p>PE: "• observed, identified and reacted appropriately to environmental implications" - Implications of what? Doesn't make sense.</p> <p>PE: "• scheduled the storage and transport of grain" - same as "• planned for storage needs based on grain production estimates."</p> <p>KE: "• grain marketing and commodity prices" - Not specified in elements or PCs.</p> <p>KE: "• use of technology in grain storage operations" - Not in elements or PCs.</p>	<p>PC: 1.7 changed to "Prepare program plan...etc". PC: 1.8 changed to "Document program plan...etc". For consistent language PC: 2.3 changed to "Develop and implement an integrated pest management (IPM) program including monitoring points, to...etc".</p> <p>PC: 2.4 removed in toto, remaining PC's in element 2 renumbered.</p> <p>Removed in toto PE: "• undertaken a cost benefit analysis of grain storage".</p> <p>Removed in toto PE: "• observed, identified and reacted appropriately to environmental implications - Implications of what? Doesn't make sense.</p> <p>Changed PE: "• planned for storage needs based on grain production estimates" to "• planned for grain storage and transportation needs based on grain production estimates". Removed in toto PE: "• scheduled the storage and transport of grain".</p> <p>Removed in toto KE:"• grain marketing and commodity prices".</p> <p>Removed in toto KE:"• use of technology in grain storage operations".</p>
AHCBA508 Apply plant biology to agronomic practices		
RTO, QLD	<p>Performance Evidence: To give RTO's an indication of complexity to the task and this should be in the assessment condition but how plant identifications / classification would be required/</p>	<p>PE: Based on SME advice changed "• used appropriate keys to identify plant species" to: "• used appropriate botanical keys to identify a variety of plant species, including:</p>

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
	<p>This is statement that could be couched in the assessment conditions as a recommendation of x to y plants of No? native, introduced, crop, pasture plants.</p> <p>Knowledge Evidence: The first three points should have some dot points to act as a guide to know how much is needed. If we take morphology for example would knowing the difference between a monocot and dicot be enough? The first two dot points cross over as in the morphology of a plant is used for defining a species taxonomy. This (taxonomy) should be removed and the same with nomenclature. In their place it should be able to use and read, interpret binomial keys.</p>	<ul style="list-style-type: none"> • natives • introduced plants • weeds • crops or pastures". <p>KE: Based on SME advice, changed knowledge evidence to: "An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:</p> <ul style="list-style-type: none"> • plant taxonomy • plant morphology • plant physiology • plant nomenclature • characteristics of plants at various growth stages, from germination to maturity • broad knowledge of agronomic practices and relationship to plant development".
CMM, VIC	<p>PC: 1.5 "Use correct" - remove "correct".</p> <p>Element 3. "Apply plant morphology to agronomic practices" - Apply knowledge of plant morphology...</p> <p>PC: 3.2 "Use correct.....plants" - remove "correct", PC needs to be reworded for clarity.</p> <p>PE: "• used appropriate keys to identify plant species" - botanical keys.</p>	<p>Adopted: PC: 1.5 changed to "Use botanical...etc".</p> <p>Element 3 changed to "Apply knowledge of...etc".</p> <p>PC: 3.2 changed to "Use botanical terminology when discussing plant morphology and growth stages".</p> <p>PE: Based on SME advice changed "• used appropriate keys to identify plant species" to: "• used appropriate botanical keys to identify a variety of plant species, including:</p> <ul style="list-style-type: none"> • natives • introduced plants • weeds • crops or pastures".
AHCWRK5XX Write and present reports (formerly AHCWRK503 Prepare reports)		
ISAC & Industry, NT	<p>Title 'prepare reports' should change to Write and Produce reports. Noting the word prepare is not informative.</p>	<p>Adopted: Thanks for feedback, comments noted. Unit content reviewed and title of the unit changed to "Write and present reports".</p>

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
CMM, VIC	<p>Application: "reports" - And present the report verbally according to element 4.</p> <p>PE: " • used industry standard terminology" - May want to add this to PC 3.1</p>	<p>Adopted: Application: Changed to "....and present reports verbally,...etc".</p> <p>PC 3.1 Changed to "Use industry standard terminology and language that...etc".</p>
AHCWRK505 Manage trial and research material		
		No feedback received