# Crops, Pastures & Seed Project

### Summary of Feedback, Responses and Actions



Draft qualifications, units of competency and skill sets for the Crops, Pastures & Seed Project were made available on the Skills Impact website for stakeholder review from 2 February to 21 March 2021. 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, online zoom workshops, 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									

<sup>\*</sup>Governing bodies from the ACT were contacted however government representatives informed Skills Impact that as there is no broadacre cropping in the ACT, they will not participate in this project.

Feedback received during the 'drafts available' period for the qualifications and units of competency that have been developed for the broadacre, seed processing, seed testing and seed production sectors has been positive, with minor changes or updates suggested by stakeholders.

Below is a summary of the feedback raised for the Crops, Pastures & Seed Project, including the proposed deletion of qualifications and review of units, and how these 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 (SME) 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 Packages 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

Please use the menu below to navigate to the feedback you wish to view. Table of Contents

Summary of feedback on draft qualifications	3
Proposed qualifications for deletion	3
Summary of feedback on draft Units of Competency	10
Revised units of competency	11
Proposed units of competency for deletion, or to be amalgamated and superseded	49

### Summary of feedback on draft qualifications

The following qualifications were proposed for deletion due to having no enrolments and a general lack of industry support in the past few years. However, the content of some specialised units in these qualifications was deemed to still be relevant to job roles in the agricultural industry. As such, these specialised units have been reviewed as part of this project and are proposed to be included as electives (and in some cases, specialisations) within future agriculture qualifications. Feedback relating to these reviewed units is provided further in this document. The qualifications listed below will be proposed for deletion.

### Proposed qualifications for deletion

	ents and Identified Issues	Consideration and Proposed Resolution		
AHC33416 Certifica	AHC33416 Certificate III in Seed Production			
<ul> <li>VIC Govt</li> <li>VIC Industry Employer</li> <li>NSW Industry Employer</li> <li>National Association</li> <li>WA Govt</li> <li>WA Industry Employer</li> <li>VIC RTO</li> <li>NSW RTO</li> </ul>	Support the deletion of the qualification, with specialised units modified and made available in future agricultural qualification as electives or specialisations.  These skills are duplicated in the general Agriculture qualification	Feedback adopted. This qualification will be proposed for deletion.  The SME Working Group agreed that the units of competency within this qualification are duplicates of existing AHCBAC units, so this duplication has been removed. A specialisation stream is recommended in future Agriculture qualifications where commercial seed production skills are being sought.		
NT Association	"does not support the deletion of five qualifications. Although there has not been a take up of the qualifications, if a job application has one or more of these credentials and was competent in these areas, they would be highly sought after as team members in agricultural business in the NT:  o AHC32116 Certificate III in Commercial Seed Processing o AHC33416 Certificate III in Seed Production o AHC33516 Certificate III in Seed Testing o AHC41416 Certificate IV in Seed Production o AHC41516 Certificate IV in Seed Testing o Skills within these qualifications are fairly specific, quite technical and require a high degree of competence to be carried out effectively.  • There is no problem accessing the skills through an agricultural and manufacturing qualification, however, it is essential that the skills be taught by a person who is experienced	Noted, however through extensive consultation efforts, no RTOs have indicated that they intend to put these qualifications on scope in their current form in the near future. As such the qualifications will be proposed for deletion due to no uptake and this follows the process the Industry Reference Committee has to take with regards to the prioritisation framework for training package development that was agreed by the Skills Ministers in October 2020 as part of analysing the priorities to support the streamlining and rationalisation of training products.  Working closely with the SME Working Group, units related to seeds training have been reviewed and redeveloped in a way that should be more deliverable and is more in line with how the work is undertaken in the field. A specialisation stream is recommended in future Agriculture qualifications where commercial seed production skills are being sought.  Retention of the skills for each of the specialised sectors has been achieved with the consolidation of units into specialist units.		

Stakeholder Comm	ents and Identified Issues	Consideration and Proposed Resolution
	in these fields and has real-life practical experience otherwise they are of little or no value.  • The list of unit under review align to job roles within the agricultural industry.  • It's absolutely essential that these skills be taught using practical lessons backed up by theory.  The theory component should form no more than 30-40% of the curriculum as these are practical skills that need to be learned practically. Also, it will be essential that the skills are taught using actual equipment. The training provider will most likely need to engage private enterprise to gain access to the skills and equipment required for this course"	
AHC32116 Certifica	te III in Commercial Seed Processing	
<ul> <li>VIC Govt</li> <li>VIC Industry Employer</li> <li>NSW Industry Employer</li> <li>National Association</li> <li>WA Govt</li> <li>WA Industry Employer</li> <li>VIC RTO</li> <li>NSW RTO</li> </ul>	Support the deletion of the qualification, with specialised units modified and made available in future agricultural qualification as electives or specialisations.	Feedback adopted. This qualification will be proposed for deletion.  This qualification is better aligned to process manufacturing qualification.  Units focussed on seed processing have been redeveloped to support seed processing activities either on farm or as available imported units for process manufacturing qualifications if required.
NT Association	"does not support the deletion of five qualifications. Although there has not been a take up of the qualifications, if a job application has one or more of these credentials and was competent in these areas, they would be highly sought after as team members in agricultural business in the NT:  o AHC32116 Certificate III in Commercial Seed Processing o AHC33416 Certificate III in Seed Production o AHC33516 Certificate III in Seed Testing o AHC41416 Certificate IV in Seed Production o AHC41516 Certificate IV in Seed Testing	Noted, however through extensive consultation efforts, no RTOs have indicated that they intend to put these qualifications on scope in their current form in the near future. As such the qualifications will be proposed for deletion due to no uptake, following the process the Industry Reference Committee has to take with regards to the prioritisation framework for training package development that was agreed by the Skills Ministers in October 2020 as part of analysing the priorities to support the streamlining and rationalisation of training products.  Working closely with the SME Working Group, units related to seeds training have been reviewed and redeveloped in a way that should be more deliverable and is more in line with how the work is undertaken in the field.

Stakeholder Comm	ents and Identified Issues	Consideration and Proposed Resolution
	o Skills within these qualifications are fairly specific, quite technical and require a high degree of competence to be carried out effectively.  • There is no problem accessing the skills through an agricultural and manufacturing qualification, however, it is essential that the skills be taught by a person who is experienced in these fields and has real-life practical experience otherwise they are of little or no value.  • The list of unit under review align to job roles within the agricultural industry.  • It's absolutely essential that these skills be taught using practical lessons backed up by theory.  The theory component should form no more than 30-40% of the curriculum as these are practical skills that need to be learned practically. Also, it will be essential that the skills are taught using actual equipment. The training provider will most likely need to engage private enterprise to gain access to the skills and equipment required for this course"	A specialisation stream is recommended in future agriculture qualifications where commercial seed production skills are being sought.  Retention of the skills for each of the specialised sectors has been achieved with the consolidation of units into specialist units.
VIC Govt VIC Industry Employer NSW Industry Employer National Association WA Govt WA Industry Employer VIC RTO NSW RTO	Support the deletion of the qualification, with specialised units modified and made available in future agricultural qualification as electives or specialisations.	Feedback adopted. This qualification will be proposed for deletion.  This qualification better aligns to laboratory technician qualifications.  Units specifically focussed on seed testing have been redeveloped to support seed processing activities either on farm or as available imported units for laboratory technician qualifications if required.
NT Association	"does not support the deletion of five qualifications. Although there has not been a take up of the qualifications, if a job application has one or more of these credentials and was competent in these areas, they would be highly sought after as team members in agricultural	Noted, however through extensive consultation efforts, no RTOs have indicated that they intend to put these qualifications on scope in their current form in the near future. As such the qualifications will be proposed for deletion due to no uptake. This follows the process the Industry Reference Committee has to take with regards to the prioritisation

# Stakeholder Comments and Identified Issues business in the NT:

o AHC32116 Certificate III in Commercial Seed Processing

o AHC33416 Certificate III in Seed Production

o AHC33516 Certificate III in Seed Testing

o AHC41416 Certificate IV in Seed Production

o AHC41516 Certificate IV in Seed Testing

o Skills within these qualifications are fairly specific, quite technical and require a high

degree of competence to be carried out effectively.

• There is no problem accessing the skills through an agricultural and manufacturing qualification, however, it is essential that the skills be taught by a person who is experienced in these fields and has real-life practical experience otherwise they are of little or no value.

• The list of unit under review align to job roles within the agricultural industry.

• It's absolutely essential that these skills be taught using practical lessons backed up by theory.

The theory component should form no more than 30-40% of the curriculum as these are

practical skills that need to be learned practically. Also, it will be essential that the skills are

taught using actual equipment. The training provider will most likely need to engage private

enterprise to gain access to the skills and equipment required for this course"

### **Consideration and Proposed Resolution**

framework for training package development that was agreed by the Skills Ministers in October 2020 as part of analysing the priorities to support the streamlining and rationalisation of training products.

Working closely with the SME Working Group, units related to seeds training have been reviewed and redeveloped in a way that should be more deliverable and is more in line with how the work is undertaken in the field. A specialisation stream is recommended in future agriculture gualifications where commercial seed production skills are being sought.

Retention of the skills for each of the specialised sectors has been achieved with the consolidation of units into specialist units.

### **AHC41516 Certificate IV in Seed Testing**

VIC Govt

- VIC Industry **Employer**
- **NSW Industry Employer**
- National Association
- WA Govt
- WA Industry **Employer**
- VIC RTO

Support the deletion of the qualification, with specialised units modified and made available in future agricultural qualification as electives or specialisations.

Feedback adopted. This qualification will be proposed for deletion.

This qualification better aligns to laboratory technician qualifications. Units specifically focussed on seed testing have been redeveloped to support seed processing activities either on farm or as available imported units for laboratory technician qualifications if required.

St	akeholder Commo	ents and Identified Issues	Consideration and Proposed Resolution
st ·	NSW RTO  NT Association	"does not support the deletion of five qualifications. Although there has not been a take up of the qualifications, if a job application has one or more of these credentials and was competent in these areas, they would be highly sought after as team members in agricultural business in the NT:  o AHC32116 Certificate III in Commercial Seed Processing o AHC33416 Certificate III in Seed Production o AHC33516 Certificate IV in Seed Testing o AHC41416 Certificate IV in Seed Production o AHC41516 Certificate IV in Seed Testing o Skills within these qualifications are fairly specific, quite technical and require a high degree of competence to be carried out effectively.  • There is no problem accessing the skills through an agricultural and manufacturing	Noted, however through extensive consultation efforts, no RTOs have indicated that they intend to put these qualifications on scope in their current form in the near future. As such the qualifications will be proposed for deletion due to no uptake. This follows the process the Industry Reference Committee has to take with regards to the prioritisation framework for training package development that was agreed by the Skills Ministers in October 2020 as part of analysing the priorities to support the streamlining and rationalisation of training products.  Working closely with the SME Working Group, units related to seeds related training have been reviewed and redeveloped in a way that should be more deliverable and is more in line with how the work is undertaken in the field. A specialisation stream is recommended in future agriculture qualifications where commercial seed production skills are being sought.  Retention of the skills for each of the specialised sectors has been
		qualification, however, it is essential that the skills be taught by a person who is experienced in these fields and has real-life practical experience otherwise they are of little or no value.  • The list of unit under review align to job roles within the agricultural industry.  • It's absolutely essential that these skills be taught using practical lessons backed up by theory.  The theory component should form no more than 30-40% of	Retention of the skills for each of the specialised sectors has been achieved with the consolidation of units into specialist units.
		the curriculum as these are practical skills that need to be learned practically. Also, it will be essential that the skills are taught using actual equipment. The training provider will most likely need to engage private enterprise to gain access to the skills and equipment required for this course"	

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<ul> <li>VIC Govt</li> <li>VIC Industry Employer</li> <li>NSW Industry Employer</li> <li>National Association</li> <li>WA Govt</li> <li>WA Industry Employer</li> <li>VIC RTO</li> <li>NSW RTO</li> </ul>	Support the deletion of the qualification, with specialised units modified and made available in future agricultural qualification as electives or specialisations.	Feedback adopted. This qualification will be proposed for deletion.  The units of competency within this qualification are duplicates of existing AHCBAC units. Duplication has been removed. A specialisation stream is recommended in future agriculture qualifications where commercial seed production skills are being sought.
NT Association	"does not support the deletion of five qualifications. Although there has not been a take up of the qualifications, if a job application has one or more of these credentials and was competent in these areas, they would be highly sought after as team members in agricultural business in the NT:  o AHC32116 Certificate III in Commercial Seed Processing o AHC33416 Certificate III in Seed Production o AHC41316 Certificate IV in Seed Production o AHC41516 Certificate IV in Seed Testing o Skills within these qualifications are fairly specific, quite technical and require a high degree of competence to be carried out effectively.  • There is no problem accessing the skills through an agricultural and manufacturing qualification, however, it is essential that the skills be taught by a person who is experienced in these fields and has real-life practical experience otherwise they are of little or no value.  • The list of unit under review align to job roles within the agricultural industry.  • It's absolutely essential that these skills be taught using practical lessons backed up by theory.  The theory component should form no more than 30-40% of the curriculum as these are practical skills that need to be learned practically. Also, it will be essential that the skills are	Noted, however through extensive consultation efforts, no RTOs have indicated that they intend to put these qualifications on scope in their current form in the near future. As such the qualifications will be proposed for deletion due to no uptake. This follows the process the Industry Reference Committee has to take with regards to the prioritisation framework for training package development that was agreed by the Skills Ministers in October 2020 as part of analysing the priorities to support the streamlining and rationalisation of training products.  Working closely with the SME Working Group, units related to seeds training have been reviewed and redeveloped in a way that should be more deliverable and is more in line with how the work is undertaken in the field. A specialisation stream is recommended in future agriculture qualifications where commercial seed production skills are being sought.  Retention of the skills for each of the specialised sectors has been achieved with the consolidation of units into specialist units.

Stakeholder Comments and Identified Issues	Consideration and Proposed Resolution
taught using actual equipment. The training provider will most	
likely need to engage private	
enterprise to gain access to the skills and equipment required	
for this course"	

## Summary of feedback on draft Units of Competency

The following units of competency were developed by merging content from existing units in order to reduce duplication within the system, whilst also reducing the number of units with low or no usage. These units include skills identified as still being required by industry.

St	akeholder Comments and	Identified Issues	Consideration and Proposed Resolution	
Aŀ	AHCSDT3XX Perform tests for quality on seeds			
•	National Association NSW Industry Employer	Agree with proposed combination of areas into one unit as discussed at Zoom meeting	Feedback adopted, thank you for the support.	
•	Tasmanian Association	Add in Hybrid Vigour test into AHCSDT3XX Perform test of quality seed	Feedback adopted. Added Hybrid vigour test to PE and KE.	
Aŀ	HCSDT4XX Perform advance	ced tests on seeds		
•	National Association NSW Industry Employer	Agree with proposed combination of areas into one unit as discussed at Zoom meeting	Feedback adopted, thank you for the support.	
•	VIC Govt	App - Are there Australian Standards for seed testing or are these organisational rules, codes, guides etc? PC1.1 - May need to identify the test to be used at this stage. Element 2 title - Equipment and materials?	Feedback adopted. Australian and International standards have be included in KE  Amendments made as recommended	

### Revised units of competency

Stakeholder Comments an	•	Consideration and Proposed Resolution		
AHCBAC101 Support agric	AHCBAC101 Support agricultural crop work			
•	No feedback requiring action.			
AHCBAC201 Assist agricu	Itural crop establishment			
NSW RTO	PE - Minimum crop area of x Hectares is unrealistic for students studying through distance education. Students will no longer have access to smaller hobby or urban farms making it very difficult to find a suitable work site.	Feedback adopted. Removed reference to minimum area.		
WA Govt	AC 1.1 - broadacre farm (as opposed to a carrot farm for example)	Feedback adopted. Added broadacre to AC1.1.		
WA Govt	KE 1.1 - and issues to be considered in	Noted. This piece of feedback was taken to the SME Working Group for discussion who confirmed that this is already inferred in the dot point.		
WA Govt	Application - Can we make this 'planting/seeding program'? Although one can plant seeds, planting is more often thought of as planting plants. Most broadacre farmers (at least here in WA) use the term seeding not planting.	SME Working Group advised to refer to crop production plan. This includes any form of crop whether vegetatively or sexual propagated. This terminology has been adopted.		
WA Govt	PC 2.5 - 'Mark out' seems a strange term in broadacre, more reminiscent of production horticulture perhaps. Should this be 'identify planting locations'	Feedback adopted. Changed wording to 'Confirm planting pattern'		
WA Govt	PE 3.2 - I suspect this should be 'or'. Both are not always done.	Feedback adopted. PE 3.2 has been amended		

St	akeholder Comments and	Identified Issues	Consideration and Proposed Resolution
•	WA Govt	PE - 2 Seasonal and X Hectares A good move. Disagree with 706. This is competency based training. Distance education alone is not VET. Could hobby farms or urban farms be considered 'simulated' workplaces? No! this is broadacre cropping.	There was a great deal of discussion with the SME Working Group members, who advised that this is not practical and that no area should be specified. We welcome any further feedback and discussion on this matter during the validation phase, if required.
•	WA Govt	PE 3.3 - Does this allow for pre-emergent herbicides?	Feedback adopted. Changed herbicides to treatments as this could be any form of weed control treatment.
•	WA Govt	Title - Should this be 'broadacre'?  Agriculture is often taken to include intensive farming and production horticulture.	Noted, however the SME Working Group recommend retaining agriculture in the title as broadacre has many different connotations. The unit sector is BAC - Broadacre and as such defines the context in which the unit should be delivered.
•	National Association	PC1.2 - Seeding/planting equipment will be selected by a supervisor. Operator needs to prepare and familiarise themselves with the equipment.	Feedback adopted. Removed reference to select.
•	National Association	PC 2.5 Use of precision guidance, particularly within CTF, often dictates an operating pattern determined by the traffic lane layout. Variable-rate technology might require further planning input – that's probably a supervisors job.	Feedback adopted. Use of equipment with precision guidance and basics of controlled traffic farming and traffic lanes added to KE.

<b>Stakeholder Comments and</b>	Identified Issues	Consideration and Proposed Resolution
National Association	PE 5 - Written or online records?	Feedback adopted. Have added 'according to workplace procedures' as each farm will have their own record keeping procedures, which may include online/computer-based recording processes.
National Association	Application - Agree with 41. Planting takes place in horticulture where they are planting seedlings. Broadacre cropping is seeding only - should be 'seeding program'	The SME Working Group advised that broadacre crops also include vegetatively grown crops such as sugar cane. The group members agreed that it is therefore important not to specifically refer to seed only.  Recommendation was also received to refer to seeds for sowing crops be referred to as 'planting seed' to differentiate it from seeds harvested for food production. The SME Working Group advised to refer to the crop production plan. This includes any form of crop whether vegetatively or sexually propagated and following the guidance of the group, this terminology has been adopted.

St	akeholder Comments and	Identified Issues	Consideration and Proposed Resolution
•	National Association	PC 2.1 - With modern farming practices, 'old crop' is stubble - the previous crop would not be left standing to be dealt with at the next seeding. While burning of stubble did take place routinely many years ago, today we understand that retaining stubble is critical to improving soil health. At times this is slashed or rolled to speed up the breakdown process, but many broadacre farming enterprises do not touch the stubble and seed back into the paddock the next season. There are three ways that stubble is managed today:  1. cut the crop at the desired level to the ground at harvest. This means the stubble is short allowing easy passage for the airseeder for next season.  2. slash or roll the stubble over summer to speed up the breakdown  3. burn the stubble (used selectively now as a tool to destroy weed seeds, disease, etc)	Feedback adopted. Added basics of managing previous crops including, cutting, slashing, rolling and burning stubble to KE.
•	QLD Association	PC 2.5 - Strong agree with 41 and 1379 on this point. The use of correct industry terminology and understanding of the new technologies is important	Feedback adopted. Use of equipment with precision guidance and basics of controlled traffic farming and traffic lanes added to KE.
•	VIC Govt	Application - The title of the unit and Application uses the word 'assist' yet the elements and PCs read like the learner is carrying out the crop establishment rather than just assisting. This is supported by the PE requirements.	Feedback adopted, application and PCs clarified to make sure it is clear that a person undertaking this task will be assisting.
•	VIC RTO	PC 2.1 - "Remove and dispose of" should be replaced with "Manage" in line with comments from 657. Old crop materials (stubble) are mostly now managed by doing nothing at all, not by removal and disposal.	Feedback adopted. Changed wording to 'Implement procedures to manage'.

St	akeholder Comments and	Identified Issues	Consideration and Proposed Resolution
•	VIC RTO	Application - Agree. Should be seeding program.	The SME Working Group advised that broadacre crops also include vegetatively grown crops such as sugar cane. It is important not to specifically refer to seed only.  Recommendation was also received to refer to seeds for sowing crops be referred to as 'planting seed' to differentiate it from seeds harvested for food production. The SME Working Group advised to refer to the crop production plan. This includes any form of crop whether vegetatively or sexually propagated and following the guidance of the group, this terminology has been adopted.
•	VIC RTO	PE - Need to be careful here. What constitutes an area big enough for a broadacre crop? Broadacre ag practices can be demonstrated on small areas too which doesn't devalue the outcomes. Leave areas out of performance evidence.	Feedback adopted. Following a discussion with the SME Working Group, members agreed with this feedback and advised to remove any reference to minimum area.
•	National Association	Element 3 - I feel section 3. Carry out establishment operations should be changed to "establish crops All three PCs should be removed and replaced. 'Plant material' is very much a horticulture/production horticulture terminology where seedlings are planted out. Replace with something like the following: 1. Carry out seeding plan 2. Carry out enterprise biosecurity measures to minimise spread of weeds and volunteer grains	Feedback adopted. Modified Element 3 and PCs to reflect SME Working Group requirement to retain planting but to ensure either seed or planting materials are represented.
•	National Association	PC 4.3 - Maintain "seeding" records	Feedback adopted. Modified Element 3 and PCs to reflect SME Working Group requirement to retain planting but to ensure either seed or planting materials are represented.

St	akeholder Comments and	Identified Issues	Consideration and Proposed Resolution
•	National Association	PE 3.3 - At this level students would not be applying herbicides. This is a task that often involved applying chemicals where the applier must hold chemical accreditation qualification. It will also often involve the use of a boomspray and mixing and calculating of chemicals. This is not something most farmers would have Cert II level students doing. instead I would suggest changing this to "Assist with the application of herbicides" Alternatively delete and add it to the knowledge evidence	Noted, however the application of treatments or chemicals does not require certification when under direct supervision. Individuals at AQF level 2 can and do apply chemicals in various sectors within the Agriculture Horticulture, Conservation and Land Management (AHC) Training Package. This has been retained for those who carry out these activities as part of the crop production plan.
•	National Association	PE 3.1 - Delete - see my notes above on the adding of Soil Amendments. Add to KE	Feedback adopted. Modified PE 3.1.
•	National Association	PE 2.2 - This can be a complex task and certainly would not be done by the student alone. Change to "Assist with calibrating the seeding equipment	Feedback adopted. Amended PC 1.2, removed reference to calibration from PE.
•	National Association	KE 4 - Add: Safe operation of crop establishment machinery and equipment	Feedback adopted. Reference to safety has been added.
•	National Association	KE 1.3 - amendments or ameliorants	Feedback adopted. Modified KE1.3 to include amendments.
•	National Association	KE 7 - Delete and Planting patterns and change to basic calculations and spatial awareness for determining row spacing and seed density	Feedback adopted. Deleted planting patterns and changed to basic calculations and spatial awareness, as suggested.

Sta	akeholder Comments and	Identified Issues	Consideration and Proposed Resolution
•	National Association	AC 2.1 - Delete and or plants. Broadacre farming involves seeding	Noted, however the SME Working Group advised that broadacre crops also include vegetatively grown crops such as sugar cane. It is important not to specifically refer to seed only. Recommendation was also received to refer to seeds for sowing crops be referred to as 'planting seed' to differentiate it from seeds harvested for food production. As such, 'planting seed' has been adopted.
•	National Association	PE 3.1 - Note that a lot of seed is treated at cleaning which is done by a professional contractor.  I would remove the word treated and simply write 'sowed seed'	Some farms treat their seed on site. As such, the SME Working Group has asked that we leave this PE in the unit for these operations. If a site does not treat the seed themselves, the unit is written in such a way as that this step can be skipped.  Therefore, PE 3.1 has been retained.
•	National Association	PE 3.2 - Given this unit is specifically about establishing agricultural crops I would simply say applied fertiliser during seed sowing. Any follow-up application of fertiliser would happen at least 6 weeks after seeding and would belong in the unit relating to Assist agricultural crop maintenance	PE 3 refers to planting operations for the crop production plan. If amendments are required at this stage as part of the crop production plan, then these must be assessed. However, if they are not required as part of the crop production plan then the PE is not relevant.
•	National Association	PE 3 - change to "seeding" operations	Noted, however the SME Working Group advised that broadacre crops also include vegetatively grown crops such as sugar cane. It is important not to specifically refer to seed only. Recommendation was also received to refer to seeds for sowing crops be referred to as 'planting seed' to differentiate it from seeds harvested for food production. As such, PE 3 refers to "planting operations".

St	akeholder Comments and	Identified Issues	Consideration and Proposed Resolution
•	National Association	PE2 Different and X Hectares I would remove this statement but include a statement in the Assessment Conditions.  Many students undertaking this unit will be in schools in cropping zones that want their students to learn about cropping. They may only seed one crop in a reasonable sized paddock. What is important here is that students actually are involved in the planning, preparing and seeding of the crop, can demonstrate a knowledge and understanding of that process and can demonstrate the ability to operate the seeding machinery and equipment effectively and efficiently with supervision. The operation of this machinery and equipment does not change much from one crop to another.  My suggestion would be to add a statement in the Assessment Conditions	Feedback adopted. Specifying hectares or crop types to be removed from PE.
•	National Association	AC 2 - add Use of broadacre seeding machinery equipment and tools	Feedback adopted. Modified AC 2 to include "use of broadacre crop planting tools machinery and equipment".
•	National Association	AC 1.1 - Agree with 41 - broadacre farm	Feedback adopted. Added broadacre to AC 1.1.
٠	National Association	PC 2.2 should be removed. Soil amendments (ameliorants) include application of lime to change the pH of the soil, chicken manure, biosolids, etc. These are added at times prior to seeding, but definitely not always so therefore I feel this should be removed and instead, soil amendments should be added to the Knowledge Evidence so that students are provided with an understanding of what these are, but do not necessarily have to work in an enterprise that applies them	The element is prepare the site for crop establishment. If amendments are required as part of the instructions, then they should be added. If not included in the instructions, then no amendments are required and PC2.2 is redundant.  Modified KE to include application of amendments.
Aŀ	AHCBAC202 Assist agricultural crop maintenance		

Stakeholder Comments ar	nd Identified Issues	Consideration and Proposed Resolution
WA Govt	Is this intensive ag, production hort or broadacre cropping? or all three?	The unit refers to Broadacre farming. Application statement has been amended.
WA Govt	and what are paddock duties anyway?	Feedback adopted. Added a small list in KE for most common activities expected at this AQF level.
WA Govt	Interestingly there doesn't seem to be an apply fertiliser Unit at the 2 level in the package.	Feedback adopted. Added ameliorants to PC and KE.
	Other soil remediation's are also applied e.g. lime - also not covered? They should be.	
WA Govt	Yes I agree with you. this is a broad, duplicative and redundant Unit. Managing or maximising crop growth may be a key task of a farm worker at the 3 level, but at the 2 level they will just be doing basic tasks under instruction and should do the specific Unit/s for those tasks.	Noted, however this unit has been retained as it is well supported and applied by many (77) RTOs in a generic context. While it is very generic it does specify 'Assist' which does not require in depth knowledge of any specific task. Access to more detailed units is available for the use of dedicated specific tasks.
National Association	2.4 should be deleted. The vast majority of Australia's broadacre crops are NOT irrigated. This PC will eliminate the offering of this unit to the majority of students in broadacre cropping zones across Australia	Noted. The SME Working Group reviewed this piece of feedback and stated that irrigation is performed on wheat, sorghum, cotton and sugar, in different Australian states so must be retained in this unit. However, changes have been made to ensure the unit allows for these practices without limiting its use for other sectors.
National Association	Delete - most broadacre crops in Australia are NOT irrigated	Noted. The SME Working Group reviewed this piece of feedback and stated that irrigation is performed on wheat, sorghum, cotton and sugar, in different Australian states so must be retained in this unit. However, changes have been made to ensure the unit allows for these practices without limiting its use for other sectors.
National Association	I am not sure what the purpose of this PE is measured quantities of materials for treatments. Treatments of crops will involve either sprays, fertilisers or other applications such as lime These are done using either a boomspray or a fertiliser spreader - they will be loaded most likely with an auger or a one tonne bulk bag. The only time measuring is done is when the spreader is calibrated. I would delete this completely	Feedback adopted. Removed this requirement.

<ul> <li>Mair farm padd in a dele put f</li> <li>National Association</li> <li>VIC Govt</li> <li>Re-</li> </ul>	ersonally I would delete this KE. This unit is about aintaining the crop. Once the paddock is sown no mer is going to want anyone moving around the ddock building fences, etc. At best they might put a fire break coming into harvest time. I would lete this as it really doesn't belong in this unit and t fire prevention measures in the harvesting unit	Noted. Maintenance of the crop also involves ensuring its security. This would include repairing damaged fences, preventing fire from reaching the crop, and reducing pests and disease encroachment from outside the crop. The KE has been modified, so as to not allow for movement of equipment around the farm after sowing.  Noted. The SME Working Group reviewed this piece of feedback and
VIC Govt Re-		
		stated that irrigation is performed on wheat, sorghum, cotton and sugar, in different Australian states so must be retained in this unit. However, changes have been made to ensure the unit allows for these practices without limiting its use for other sectors.
203. AHC to de rang and the p Cert Re- Trea spec trea assi prog	P-RB Comment bree about the broad application of this unit but pears to be designed to work with BAC201 and 3. This unit is used in Victorian programs. ICBAC202 is useful in that it allows for the ability design a program for a range of cohorts in a large of situations and seasons. The AHCPMG201 of 202 units could be (and often are) selected in a program design, but they are not core in the left II which has a general vocational outcome. Per RB Comment 2 left weeds is about recognising common weed lecies and applying weed control atments/control options. This PC is about lesisting with the implementation of the control logram, not necessarily treating weeds. Treating leds is not a requirement in the PE of BAC202.	Understood feedback comments and retained the unit.

S	takeholder Comments an	d Identified Issues	Consideration and Proposed Resolution
•	WA Govt	shearing is a harvesting risk? Maybe livestock?	Feedback adopted. Spelling error - should read 'Sheering'.
•	WA Govt	and suffocation	Feedback adopted. Added 'respiratory issues' to KE.
•	WA Govt	Make this just hazard identification and combine safe work practices in dot point below: enterprise work health	Feedback adopted. Amended KE to elevate fire conditions and fire mitigation activities.
•	WA Govt	use of ppe	Feedback adopted. Amended KE to include 'use'.
•	WA Govt	harvesting plans and instructions.	Feedback adopted. Amended PC 2.3 and added to KE.
•	WA Govt	This description sounds like the outcome is harvester driver. It should be more about grain handling. At the 2 level, they will be doing, for example, cleaning up spills, bin-chasing, loading and unloading grain from trucks/bins/hoppers, and operating conveyors and augers, cleaning harvesters, moving harvesters. None of these are mentioned.  Perhaps simply: 'this Unit describes the skills and knowledge required to assist in even betweeting'	Feedback adopted. Application statement amended to broaden its scope to align with the Elements.
•	National Association	knowledge required to assist in crop harvesting'.  Agree with 41: if this is concerned with broadacre, operating a harvester is a different job to chaser bin driving, grain handling/storage. Danger of being too generic to be useful. Substantially more needy if it's a grain harvester operator.	Feedback adopted. Application statement amended to broaden its scope to align with the Elements.
•	National Association	'Prepare'– selection question for the supervisor	Feedback adopted. Removed reference to 'Select'.

Stakeholder Comments an	d Identified Issues	Consideration and Proposed Resolution
National Association	Particularly with regard to travel patterns of chaser bins, and location of trucks or large 'mother' bins.	Feedback adopted. Amended KE to include the basics of travel patterns of chaser bins, and location of trucks or large 'mother' bins and CTF.
VIC RTO	Not sure I agree. this unit is Assist agricultural crop harvesting.  At a level 2, combine driving, chaser bin driving and grain handling/storing is all assisting with the harvest. The unit is flexible enough for the candidate to be deemed competent by using and looking after equipment to assist with the harvest without actually needing to operate the combine.	Feedback adopted. Application statement amended to broaden its scope to align with the Elements.
National Association	I feel that a critical thing that students at this level should understand is the risk and control of fire during harvesting. I realise it is included under hazard identification, but I would like to see a specific KE added to the effect of: safe harvesting conditions and fire prevention measures	Feedback adopted. Amended KE to elevate fire conditions and fire mitigation activities.
AHCBAC204 Prepare grain	n storages	
WA Govt	Yes 2 methods seems reasonable.	Feedback adopted. Two Methods have been retained.
WA Govt	Not sure this fits under this heading but there is a post storage need to ensure that biosecurity measures are applied.	Biosecurity is in PC4.1. This unit is about the preparation of the storage facilities before any storage is carried out. There is no need for post storage activity.

Stakeholder Comments and	Identified Issues	Consideration and Proposed Resolution
WA Govt	I am not entirely sure what these are or that they are used extensively. Remove from evidence.	Noted. Have retained these temporary storage requirements on the advice of the SME Working Group but clarified according to storage plan, as these are common in some sectors.
WA Govt	and pests?	PE dot point 3 refers mainly to the machinery operation. Pests would be dealt with in PC 4.1 and there is no need to specify again here.
WA Govt	The actual doing bit seems to be missing! Turn the machines on, transfer grain, monitor flow and capacity, check for contamination, clean up spillage.	Noted. Flow amended to align with the process, however this unit is about the preparation of the storage facilities before any storage is carried out. There is no need for post storage activity.
VIC Govt	PC 2.1 spelling error - place not 'place' PE RB Comment - Unsure but would expect there would be farming enterprises that only use one storage method.	Feedback adopted. Thank you for responding directly to the comment by the developer, only one storage method has been adopted.
AHCBAC301 Conserve fora	ge	
WA Govt	new sentence, please.	Feedback adopted. Application statement edited for better syntax.
WA Govt	Element 2 Is not this the same step as 1 above? Combine?	Element 1 is preparing the storage facility; Element 2 is preparing the paddock and crop for harvesting.

Stakeholder Comments and	Identified Issues	Consideration and Proposed Resolution
• WA Govt	and bale?	Element 3 is about conditioning the forage before harvesting for storage. Baling requires the forage to be in a ready condition which is covered in Element 4. For example, for baled hay this may happen at the same time as Element 3 if the hay has dried adequately on the stalk.
VIC Govt	Mapping to equivalence - Changed outcomes (additional element changes to PE) - not equivalent (TPPP 2.5.2)	Feedback adopted, unit not equivalent.
AHCBAC302 Establish past	ures and crops for livestock production	
WA Industry Employer	Feed On Offer (FOO) an industry calculation on how many head for how long? This is a foundational skill around pasture/livestock management yet is missing from this unit completely	Feedback adopted. Feed on offer (FOO) added to KE.
WA Industry Employer	Consider word change to "plant" producers are now considering wheat and barley as a pasture alternative	Feedback adopted. Changed wording to 'plant' species.
WA Govt	These 2 criteria have repeated details: implement stubble control.  Mind you, I am not sure what is meant by stubble control? What is ground cover control? Is this covered by criteria 3.3?	Feedback adopted. Deleted duplicated PCs.

Stakeholder Comme	nts and Identified Issues	Consideration and Proposed Resolution
VIC Govt	Mapping equivalency - PE is changed. Are the assessment requirements equivalent in outcomes?  PE- RB comment - Perhaps this unit should be for pastures or crops to as for AHCBAC512 and 514	In this instance the SME Working Group believes the assessment requirements are equivalent to the outcomes. Unit is about both as it is feed that is the focus.
	PE handle chemicals safely - PC 2.5 mentions fertilisers and treatments - review for consistency of terms.	Feedback adopted. Amended KE for consistency.
AHCBAC303 Prepare	e to receive grains and seeds	
WA Govt	I know 'pests' are part of biosecurity but I think the word should be included here.	The KE has been amended to make these issues more explicit, though the SME Working Group has advised not to add every biosecurity issue.
WA Govt	This unit is about 'preparing' so maintain is the wrong word here.	Feedback adopted. Amended Element 2 title to 'Implement hygiene procedures'.
WA Govt	Is this 'on-farm' (i.e. a farm worker) or at a grain receivals point (i.e. a grain handler) or perhaps both? Be clear.	This unit refers to any seed storage either on farm or for seed processing. Grains and seeds for food storage for processing are included in the food processing training package.
WA Govt	and grain handling equipment.	Feedback adopted. Amended PE, added grain handling equipment.
• WA Govt	Prepare?	Noted. Collate = collect and combine, documentation from grower/supplier. Records may need to be prepared when receiving grain and seed.
WA Govt	move this up in the listing.	Feedback adopted. Elevated PE in listing as requested.
	rather than 'arranged' perhaps 'determined' or 'allocated'.	Feedback adopted, determined used.
WA Govt	What are they being segregated from? Perhaps, confirm arrangements for separate storage of different grains and seeds.	Noted. This is a reference to the seed classification such as their GMO status, that require segregation to ensure cross contamination does not occur, while in storage. Amended PC5.1 to clarify.

St	akeholder Comments and		Consideration and Proposed Resolution
•	National Association	I agree with the word segregation. When grains are received in a storage facility they are tested and then segregated based on their classification (e.g BAR 1 is not stored with BAR 2)	Noted, thank you for the confirmation. Amended PC5.1 to clarify (as per comment above).
•	WA Govt	What information? Time, date, grain/seed, condition, contamination,  But also wouldn't this be a part of receiving grain	Feedback adopted. Removed PC4.4 and amended PC4.3.  It is true that this task spans two units, however the SME Working Group
•	WA Govt	the next Unit?  I guess such a worker would also be expected to be able to recognise common grains/seeds?	has informed the developer that it should remain in this unit.  Feedback adopted. Have added identification to KE.
•	WA Govt	Add grain handling machinery and equipment: e.g. hoppers, bins, conveyors etc	Feedback adopted. Amended application statement and added details to KE.
•	WA Govt	and contamination	Feedback adopted. Added 'contamination' to PC 4.2.
•	WA Govt	Why is this about 'preparing to receive grain? The structure of many Units is: Plan, Do, Check. Why is this different?  Apart from 'testing' this Unit seems very similar to AHVBAC204.	Industry have identified this as a specific job outcome particularly on broadacre farms where large volumes of seeds and grains are to be stored. As the job task is so large and complex, an entire unit was deemed appropriate to educate people on the matter. The unit is well supported and used nationally.  Receipt of grains and seeds is often done by a specialists depending on the
		Where is the Unit covering actual receipt? Should be part of this Unit. A worker (at the 3 level) would do both aspects.	size of the farm/organisation particularly where GMO crops are being grown/harvested with non-GMO crops with the need for segregation of the crops in storage.  AHCBAC407 Save, prepare and store agricultural seed' covers receipt and storage.
•	WA Govt	handling' rather than 'processing' - although perhaps you could include processing (e.g. flour mill) as well.	Feedback adopted. Included both handling and processing in the AC.

Stakeholder Comments and Identified Issues			Consideration and Proposed Resolution
•	WA Govt	This is most unlikely to be done by a farm hand. Even at a receivals point they would have a specialist do much of this. However, actual testing and grading is part of the receivals grain handlers' job.	Testing of seeds is a separate skill set (AHCBAC304). However in preparing for seed receival, testing equipment still needs to be operational, workplace procedures will identify which testing equipment is to be checked by receival staff.
•	National Association	Inspect and testing grain is the receival process, not the preparation process. This unit should not be called "prepare to	Noted. Testing is covered in <i>AHCBAC304</i> . However, a preliminary inspection of the grain should be made prior to acceptance. Amended PCs in Element 4 to better reflect job process.
•	National Association	Remove "undersize, chaff, weed seeds" and replace with split grains/seeds, moisture content, contaminants Check out the following website for a list of contaminants https://viterra.com.au/index.php/food-safety-and-hygiene/	Feedback adopted. Modified PE to reflect preliminary inspection aligned to PCs and updated KE.
•	National Association	Add a PE: Identify receival standards I feel this is critical - these are the standards that determine what is accepted and won't be or will be downgraded	Feedback adopted. Added a PE referencing industry quality standards for grain and seed receivals.
•	National Association	This is the doing part that belongs in AHCBAC304	Noted. This is performed prior to seeds being stored. Only after seeds have undergone preliminary tests are they accepted ready for storage, particularly in seed processing plants. Acceptance or rejection of the delivery is conducted at this stage. Actual tests are performed by potentially different individuals.
Aŀ	ICBAC304 Test and grade	grains and seeds on receival (Note title change – s	eed feedback below)
•	WA Govt	test and grade.	Feedback adopted. Changed title to "Test and grade"
•	WA Govt	I note that there has only been six commencements, nationally in this Unit since 2015 and they were in 2015.  Perhaps this Unit should be part of a revised AHCBAC303 that includes general receival activity.	While there are some crossover testing is a distinctly different process and should be left as a separate unit of competency in order to maintain achievable assessment outcomes.  This unit may also form a specialisation stream within the new agriculture qualification when reviewed in the future. The SME Working Group has
			recommended its inclusion in such a stream, at which point it would become mandatory for study.

St	akeholder Comments and		Consideration and Proposed Resolution	
•	National Association	Agree with 41 Merge into AHCBAC303	While there are some crossover testing is a distinctly different process and should be left as a separate unit of competency in order to maintain achievable assessment outcomes.  This unit may also form a specialisation stream within the new agriculture qualification when reviewed in the future.	
•	National Association	Remove label requirements. Generally grain is sampled and immediately tested so no need to label at this stage	Noted, however for sectors that do store samples of seed, this PC needs to be retained. Where samples are not stored then the statement 'according to workplace procedures' is invoked and negates the need for it to be performed. However, it does need to be covered in the KE as there are industry standards required in some sectors.	
•	National Association	There is no need to specifically require both grains and seeds.  Grains tend to be cereals – wheat, barley, oats, etc seeds tend to be oil seeds such as canola.  Sunflower legumes are beans, lentils, peas  Maybe say evidence that the individual has sampled and tested grains or seeds on at least 2 occasions, including	Feedback adopted. Remove reference to specific 'seeds'.	
•	National Association	Remove these two. Generally samples are not kept Replace with: handled sample to prevent cross contamination	Noted, however for sectors that do store samples of seed, this PC needs to be retained. Where samples are not stored then the statement 'according to workplace procedures' is invoked and negates the need for it to be performed. However, it does need to be covered in the KE as there are industry standards required in some sectors.	
•	National Association	change around dispatched and stored	Feedback adopted. Amended PE as recommended.	
•	National Association	remove	Feedback adopted. Removed PE as recommended.	
Ał	AHCBAC305 Undertake preparation of land for agricultural crop production			
•	VIC Industry Employer National Association	'Method' usually means which item of equipment, its preliminary settings. Operators need to know the objectives and criteria for an effective job.	Feedback adopted. Reviewed and amended unit to reflect feedback.	

St	akeholder Comments and	Identified Issues	Consideration and Proposed Resolution
•	VIC Industry Employer National Association	This unit seems to be talking about practices from the 1960s!	Feedback adopted. Updated terminology, where appropriate, and reviewed to make sure practices discussed are still relevant. The SME Working Group approved that these practices are still current.
•	VIC Industry Employer National Association	What is a 'planting plan'? Should we add a paragraph noting that cultivation, or tillage is still common in intensive agriculture, but a declining activity in broadacre, where its functions have largely replaced by no-till seeders. The same trends are happening more slowly in intensive cropping. V. deep tillage is occasionally used for soil compaction, and light tillage for control of difficult weeds, or residue redistribution.	Noted. This piece of feedback was taken to the SME Working Group. They advised that 'Crop production plan' should be used in BAC units, including this one. A KE point has been added regarding tillage.
•	WA Industry Employer	Planting Plan is not a Broadacre Term sounds like a horticultural one. Suggest seeding or cropping as an alternative	Noted. This piece of feedback was taken to the SME Working Group. They advised that 'Crop production plan' should be used in BAC units, including this one.
•	WA Industry Employer	Suggest "Check & Calibrate" this is more in line with other unit and industry terminology	Feedback adopted.
•	WA Industry Employer	Cultivation of soil as a pre seeding practice for debris and weed management is now frowned upon by mainstream agriculture. It is viewed as unnecessary loss of soil moisture and a disruption to soil structure that can lead to erosion.  Recommend this be deleted from the Unit	Feedback adopted, references to cultivation removed.
•	WA Industry Employer	Is illegal in some jurisdictions and has been for nearly 30 years	Feedback adopted. Amended KE to reflect comment.
•	WA Industry Employer	Suggest an "indication of knowledge of traditional practise as a basis for an understanding for the industry change to no-till/control traffic"	Feedback adopted. Reviewed and amended KE to reflect current practices.
•	WA Industry Employee	Cultivating is a dying practice but Deep Ripping, Spading, Mouldboard ploughing is growing. Should this take its place in a soil Remediation or Seeding plan?	Feedback adopted. Mention of deep ripping, spading and mouldboard ploughing included in the unit.

Stakeholder Comments a	and Identified Issues	Consideration and Proposed Resolution
WA Govt	1379 comments highlight the question: is this broadacre or general agriculture? We have separate Units for production horticulture.  Agree with 240 below.	Noted. This piece of feedback was taken to the SMEWG. They advised that 'Crop production plan' should be used in BAC units, including this one.
VIC Govt	Applic - Was there a reason to specify fertilisers and other treatments in the Application? There is no PE requirement other than 'crop production activities'	Feedback adopted. Amended Application.
WA Association	Pre-planting treatments - this could also be referred to as weed control methods (tillage, spraying etc) AND fertiliser alternatives (chemical, organic, etc). or does this refer to something else?	Feedback adopted. Amended KE for clarity.
• VIC RTO	General comment. This unit almost seems to be irrelevant the way that it currently stands. The reality is that it is a unit devoted to preparation of land by cultivation and no longer reflects best practice in broadacre agriculture. It is not even flexible enough to cover what is now common practice in terms of land preparation for cropping. Not enough here to convince me that it shouldn't be removed.	Feedback adopted. Reviewed the units and removed reference to cultivation and replaced with more generic terminology to reflect crop production plan requirements, allowing for different crop production procedures. Feedback received suggests that this unit is still relevant in some locations across Australia, and for these regions it needs to still reflect this industry practice.
AHCBAC306 Establish aç	gricultural crops	
WA Govt	Broadacre and not production horticulture.	Feedback adopted.
WA Govt	Isn't this AHCBAC305? Plan, Do, Check: perhaps these 2 Units should be combined.	Noted. AHCBAC305 is about preparing the land for seeding/planting. This unit covers the seeding and planting process.
WA Govt	Difficult to make the weather comply! Reword. combine with 2.4.	Feedback adopted. Amended PC To read 'Operate seeding/planting machinery efficiently according to crop production plan'.

St	akeholder Comments and	d Identified Issues	Consideration and Proposed Resolution
•	WA Govt	I suspect you would do this before seeding rather than while seeding.	Feedback adopted. Changed the sequencing and structure of Elements and PCs to better address feedback responses.
		I note that here we use the word seeding whereas in the level 2 Unit we use 'planting'.	The SME Working Group confirmed that both terms are appropriate, and seeding is more appropriate in this context.
•	WA Govt	what is this trying to say? it is unclear. Are machines technology? Are we trying to avoid hand sowing?	Feedback adopted. Machines are technology, and the PC has been amended for clarity.
•	WA Govt	When does one select and load the seed/fertiliser etc.	Feedback adopted. Changed the sequencing and structure of Elements and PCs to better address feedback responses. Selecting and loading seeds in now covered in Element 1.
		Does one operate a machine e.g. tractor?	
•	WA Govt	What are these? How does one demonstrate an emergency (knowledge might be OK).	Feedback adopted. Removed from PE. Fire risks addressed in KE.
		Do we mean risk management? If so combine with other points above.  Wet and boggy soil is not an emergency it is a risk. I suspect we don't get a lot of icy conditions in the WA wheat belt.	
		Fire risk is essential for WA.	
•	WA Govt	repetition	Feedback adopted. Deleted repetitive statements.
•	WA Govt	tilling soil is a NO ! perhaps applied soil remediation.	Feedback adopted. Tilling removed from PE.
•	WA Govt	and 'no-till'	Feedback adopted. Added no-till to KE.
•	WA Govt	are these different?	Feedback adopted. Deleted this reference from KE.
•	National Association	1.1. Prepare, yes, but surely someone else would have selected the seeder/planter?	Feedback adopted. Removed selected from PC.
•	National Association	Identification of soil amendments is surely a specialist job – e.g. lime, gypsum or fertiliser rates?	Feedback adopted. Amended PC to reflect importance of lime, gypsum and fertiliser rates.

St	akeholder Comments and	Identified Issues	Consideration and Proposed Resolution
•	National Association	Application. In the broadacre situation decisions on input rates and timing refer to 100's of ha, so the difference between e.g. 40 and 50kg/ha urea involves \$1000's, and will often be discussed with an agronomist. The same applies to weed/pest control. It's going to happen at manager, not operator, level. The same usually applies to the equipment to be used.	Feedback adopted. Amended Application statement.
•	VIC RTO	Should be Prepare machinery.	Feedback adopted. Removed selected from PC.
•	VIC RTO	Agree with 41. This belongs in Element 2.	Feedback adopted. Changed the sequencing and structure of Elements and PCs to better address feedback responses.
•	VIC RTO	These belong in knowledge evidence. Are we going to make candidates operate in these conditions to show competency or is it enough to demonstrate that they have knowledge of these conditions.	Feedback adopted. Removed from PE and moved to KE.
•	VIC RTO	Needs list of technology that should be considered as knowledge evidence	Feedback adopted. Added brief list.
•	National Association	Coordinate is not a Level III task - that would be Cert IV. Also no need to include seeding and fertiliser here as that is in 3.1 Conduct pest and weed control treatment	Feedback adopted. Changed the sequencing and structure of Elements and PCs to better address feedback responses. Coordinate changed in accordance with feedback, seeding and fertilizer moved in accordance with feedback.
•	National Association	machinery use records are not maintained - machinery automatically record the hours they run. This should be changed to 4.1 Maintain seeding records	Feedback adopted. PC changed to "3.1 Maintain seeding/planting records according to workplace procedures" to ensure suitability for a variety of different workplaces.
•	National Association	Ensure soil and weather conditions are suitable for seeding This could be removed entirely. Many farmers go seeding on a particular date of the year no matter the conditions. Others will hold off until sufficient moisture in the soil	Noted, however the SME Working Group advised that this is an important step. Farmers do check soil and weather conditions before sowing even if they sow by date, ensuring best conditions for vehicular access and growing conditions for the seed/plants.  Retained reference to weather conditions.

Stakeholder Comments and		Consideration and Proposed Resolution
National Association	Not coordinated - change to performed	Feedback adopted. Changed the sequencing and structure of Elements and PCs to better address feedback responses
National Association	Delete both of these. Tilling does not happen - we are all about minimal till, no till or zero till practices Pre-planting treatments are only sometimes used so this needs to be removed as a PE	Feedback adopted. Tilling removed from PE. If other treatments are 'sometimes' applied then it should be retained.
National Association	in line with 41, add in minimal till, no till and zero till practices	Feedback adopted. Added no-till to KE.
VIC Govt	PE DP 5 - emergency - Is this covered in the dot point below? Emergency operating procedures not mentioned in the PCs. Is this related to the hazards in PC 1.3 and contingency planning in PC 2.4? Suggest review for clarity and consistency.	Feedback adopted. Emergency covered in the dot point below as indicated.
	PE DP 7 - use technology Only mentioned in the PCs in relation to seeding and fertilising (PC 3.1). Needs clarification.	Technology has been used.
	PE - Equip faults and servicing - Servicing not specified in PCs	Equipment faults and servicing now linked to PCs.
	PE - 'Assess and calculate' is not specified in the PCs.	Assess and calculate now connected to the PCs.
AHCBAC307 Maintain agric	ultural crops	
WA Industry Employer	Chipping and spot spraying are specific management tools for declared weeds or localised infestations which is different to general weeds and pests. That isn't clear in this unit.	Feedback adopted. Clarified PC 2.4 so that it now reads "Conduct chipping or spot spraying of declared weed infestation where specified in crop management plan".
WA Industry Employer	is this key cropping milestones?	Feedback adopted. Amended PC2.5 to reflect all feedback. It now reads "Assess, record and report crop growth stages, crop harvest indicators and milestones according to workplace procedures".
WA Govt	or mitigation	Feedback adopted. Removed reference to direct irrigation except for KE.
WA Govt	including optimal harvest times	Feedback adopted. Added to 2.5. It now reads "Assess, record and report crop growth stages, crop harvest indicators and milestones according to workplace procedures".
<ul> <li>WA Govt</li> </ul>	Broadacre	Feedback adopted. Added broadacre where appropriate.

St	akeholder Comments and	Identified Issues	Consideration and Proposed Resolution
•	WA Govt	Does this mean 'and' or 'or' or 'and/or'. Irrigation is very, very uncommon in broadacre faming in WA.	In other states it is quite common depending on the crop and situation. Irrigation is performed on wheat, sorghum, cotton and sugar, in different Australian states so must be retained in this unit.  Changes have been made to ensure unit allows for these practices without limiting its use for other sectors.
•	National Association	Overall comment: I assume the topic of precision agriculture, (from yield and soil attribute mapping to variable rate technology, VRT) is a specialist subject, but some reference to it is probably required in several of these 300 level outlines.	Feedback adopted. Reference to "precision agriculture" added to KE.
•	VIC Govt	PC2.6- RB is this an error - Appears to be KE - role of tech Role and use of technology	Feedback adopted. This PC has been moved to KE.
•	VIC RTO	I agree with 41. Very hard to assess under broadacre irrigation conditions when you are in dryland broadacre areas. Perhaps "where applicable"?	Irrigation is performed on wheat, sorghum, cotton and sugar, in different Australian states so must be retained in this unit.  Changes have been made to ensure unit allows for these practices without limiting its use for other sectors. Please see the PE and KE for these changes.
•	VIC RTO	Need to list some of the technologies to be included at this level.  Should include knowledge of : remote sensors, remote imagery, CTF, Autosteer, GNSS, PA and VRT  Efficiencies in broadacre cropping in the future will be driven by data collection and greater knowledge through measurement of cropping variables.  All of the level 3/4 units should reflect this by inclusion of these technologies in the knowledge evidence rather than just a passing mention of technology.	Feedback adopted. Amended KE to include technologies.
•	VIC RTO	Does this include when there is no irrigation available in the production plan? Always a concern for a trainer when they trying to assess irrigation PCs in a dryland broadacre cropping situation.	Yes. If the production plan does not include an irrigation model, then it does not have to be included. However as this is a national unit it should include irrigation particularly in the KE.

Stakeholder Comments ar	d Identified Issues	Consideration and Proposed Resolution
National Association	This is a specialist task that is not done on most farms. Weather stations with soil moisture probes are being more wide spread, however to require this would eliminate anyone from a farm without one from undertaking this unit. Far too specialised to be required here  I would suggest deleting 1.4 and 1.5	Noted, however the SME Working Group advised that monitoring weather and moisture content is a developing trend and must be included in the unit.
National Association	Agree with 240 - this should be removed. chipping and spot spraying would only be done if a declared weed was identified in the crop	Feedback adopted. Clarified PC 2.4. If it is a practice it does need to be included.
National Association	Delete! Irrigation is a rarity in broadacre cropping! by including irrigation we are eliminating 80% of Australian broadacre farmers from utilising this unit	If the production plan does not include an irrigation model, then it does not have to be performed However as this is a national unit it should include irrigation particularly in the KE.
National Association	Delete - irrigation in broadacre cropping is a luxury most don't have access to Measuring soil moisture is also not done routinely	Irrigation is performed on wheat, sorghum, cotton and sugar, in different Australian states so must be retained in this unit. Changes made to ensure unit allows for these practices without limiting its use for other sectors. Measuring soil moisture amended.
National Association	Delete - most of us don't irrigate!	Irrigation is performed on wheat, sorghum, cotton and sugar, in different Australian states so must be retained in this unit. Changes made to ensure unit allows for these practices without limiting its use for other sectors. Please see the KE for these changes.
National Association	Disagree with 654 - the details of technology below in AHCMOM311	Noted, however technologies are still required in this unit to understand their application and therefore, have been included.
National Association	Not grammatically correct. WHS and legislative requirements?	Noted, however WHS (as safety legislation for the workplace) is not used in all states. Workplace health and safety legislation allows for these differences in terminology.

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
National Association	Delete last statement referring to irrigation  There are plenty of irrigation units which those few farmers that do irrigation broadacre crops can utilise to provide training in irrigation. Irrigation is also quite complex so is best served by specialist units rather than being added in here	Irrigation is performed on wheat, sorghum, cotton and sugar, in different Australian states so must be retained in this unit.  Changes made to ensure unit allows for these practices without limiting its use for other sectors. Please see the KE for these changes.  Irrigation retained in KE; however, it has been moved from the AC to help address this feedback.
AHCBAC308 Undertake agr	icultural crop harvesting activities	
• WA RTO	I don't think that fertiliser rates need to be part of harvesting activities. Fertiliser calculation/application is more to do with crop establishment and crop maintenance. Crop/seed treatments cover this area to a degree e.g. trace element coating of seed to supply zinc in the following crop.  I do acknowledge the use of yield mapping data produced at harvest which is an aid in determining future fertiliser requirements, but again, is not an actual requirement of harvesting activities.	Feedback adopted. Amended Foundation skills to remove fertiliser rates.

Stakeholder Comments		Consideration and Proposed Resolution	
• WA RTO	In regard to windrowing and swathing crops, many broadacre farmers in the WA grain belt and indeed throughout Australia do not mechanically windrow/swath and use pick-up fronts for crops such as canola any more (or as much). Instead, farmers opt to chemically desiccate specific crops using appropriate/approved herbicides and direct head the crop with their standard open/header fronts which are much wider. In effect, this speeds up the harvesting operation time. See extract below from Pulse Australia Publication-"Desiccation is an aid to a timely harvest, particularly where uneven ripening occurs across a paddock, and is now a common practice in lentil and chickpea.  Desiccation enables a timely harvest to avoid weather damage. Application timing is based on the crop when the grain is 75% to 90% mature, to avoid reducing the quality of the harvested grain. Windrowing can be considered similar to desiccation in timing and benefits to harvest."  My main point is that I don't think windrowing/swathing should be an obligatory requirement in the P.C any more in accordance with changing trends and technologies. In addition, swathers and pick up fronts are not standard equipment for all farmers or contractors. I definitely, think that all learners must be made aware of how windrowing/ swathing is part of a farmer's overall harvest strategy but importantly it is not the only way to achieve similar and or required outcomes.	Feedback adopted. Amended PC1.4 to read 'Complete pre-harvest treatments to crop according to harvest strategy and crop production plan' and added dot points to KE to address this feedback.	
WA Govt	calculate yield rates.	Feedback adopted. Amended Foundation Skills.	
WA Govt	Re RB1 (Ron): should be at least TWO harvests (different season, different crop or different geographical location).  No peanuts in WA!	Amended to on one occasion as recommended by the SME Working Group.	

St	Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
•	National Association	Hygiene usually refers to cleaning/sample integrity. The other important issue is minimising fire hazards by removal of accumulated chaff/dust.	Feedback adopted. Amended PC 1.6 to include hygiene.
•	VIC RTO	Agree with 1385. Maybe change to "Complete pre- harvest treatments according to" Then include windrowing and desiccation in the knowledge evidence.	Feedback adopted. Amended PC1.4. It now reads "Complete pre-harvest treatments to crop according to harvest strategy and crop production plan".
•	VIC RTO	and to record production data. The reality is that nearly all combines are now collecting yield maps.  If it is not referenced here, then it should be in the knowledge evidence.	Feedback adopted. Record keeping has been included in Element 4 PC4.5.
•	VIC RTO	These numeracy requirements are irrelevant.  Perform basic calculations for calibrating and setting machinery for harvest operations - (same as BAC 203)	Feedback adopted. Amended Numeracy section in Foundation skills.
•	National Association	Agree with 1385 - delete 1.4 and add to knowledge evidence	Feedback adopted. Amended PC1.4.
•	National Association	Agree with 1385 and 654	Feedback adopted. Amended Numeracy section in Foundation skills.
•	National Association	Agree with 41 - on at least two occasions? - what they are harvesting is not critical i.e., if they reap 1000 acres of wheat they will be competent in this unit but only reaped one commodity. But they will have done it for a few weeks!	Feedback adopted. PE amended to on one occasion as recommended.
Aŀ	ICBAC401 Manage pasture	es for livestock production	
•	Industry Employer WA	This entire unit is built around the assumption that producers only implement improved pastures when they have access to an irrigation system. This is entirely FALSE. WA is nearly 100% seeded improved pastures implemented and managed under natural rainfall situations. These assumptions of this unit is preclusive of an entire sector of the Agricultural Industry	Feedback adopted. Amended unit to refer to water demand and availability. This allows for non-irrigated pastures.

St	akeholder Comments and		Consideration and Proposed Resolution	
•	Industry Employer WA	Again irrigation assumption. Establishing and managing pastures/grazing is significantly more skilful than managing one on irrigation	Feedback adopted. Amended unit to refer to water demand and availability. This allows for non-irrigated pastures.	
•	Industry Employer WA	Consider deleting irrigation section makes the unit more accessible to more students. Still assess growth via rainfall. There are units specific to managing irrigation.	The SMEWG indicated to leave irrigation section as it can relate to practices outside of WA.	
•	WA Govt	Should this be Manage irrigation of pastures? BTW - we do have some limited irrigation in WA.  Surely, managing pastures is not just for livestock production - what about dairy, or horses, or free range poultry, pigs.  If it is about livestock production then it is not a broadacre cropping Unit it is a livestock Unit.	Feedback adopted. Amended unit to refer to water demand and availability. This allows for non-irrigated pastures.	
•	WA Govt	including shade, water and environmental sustainability	Feedback adopted. Added details to KE.	
•	WA Govt	and maximise soil condition.	Feedback adopted. Added to PCs.	
•	WA Govt	what is once? A full year cycle? You can't really can't do all elements in less than a full year cycle	Feedback adopted. Amended to on at least one occasion.	
•	VIC Govt	Application Properties as in land or properties of pasture? Application statement requires editing for clarity Element 2 - Review numbering PC 2.9 - PC 2.9 is a repeat of element 2. Mapping to Equivalency - Have removed the old PC 1.5 and PC 1.10. Review equivalency.	Feedback adopted.  Reviewed and edited Application statement and clarified property  Corrected numbering of Elements and PCs  Reviewed and amended PC's to remove duplication.	
			Mapping equivalency deigned to be still equivalent due to minor nature of changes within the unit.	

St	akeholder Commen	ts and Identified Issues	Consideration and Proposed Resolution	
•	WA Govt	Although there is less land clearing these days - it	Feedback adopted. Modified PC1.1. It now reads "Assess pasture site for	
		still occurs so there may not be an existing pasture.	current condition and suitability for replacement".	
•	WA Govt	Just 'develop plan'	Feedback adopted. Changed Element 2 title.	
•	WA Govt	Why is this just 'plan' what about doing and reviewing? Where is the managing of the doing? Plan, Do, Check.	Feedback adopted. Added two new Elements covering oversight of implementation and reviewing the program.	
•	WA Govt	Yes, specify only one occasion.	Feedback adopted. PE on at least one occasion specified.	
•	WA Govt	Is this not element 2?	Feedback adopted. PCs have been edited for clarity.	
•	WA Govt	Is this duplicating 2.4 and 2.1	Feedback adopted. PCs have been edited for clarity and to remove repetition.	
•	WA Govt	No mention of irrigation!!	Feedback adopted. Have added to PE and KE soil moisture management strategies.	
•	WA Govt	Elements 1 and 2 are confused and probably artificially constructed.	Noted. Element 1 is about collecting information for a plan, while element 2 is about preparing the documentation.	
•	WA Govt	This overlaps (could be combined) with 1.3.	Feedback adopted. Removed duplication.	
•	VIC Govt	PE DP2- Research implied but not specified in PCs	Feedback adopted. Research deleted.	
		PE DP 3 and below - Many of these PE points are not specified in the PCs and appear to clarify what is meant in the PCs, more like a Range Statement. Suggest review PCs.	Noted. The Performance Evidence specifies skills and tasks that need to be performed in order to be deemed competent in the unit. Clarity for assessors is pertinent in the PE. It is unnecessary to add this degree of detail in the PC's. The PE's in this unit have been checked and have been deemed appropriate by the SME Working Group.	
Al	HCBAC403 Supervis	se agricultural crop establishment		
•	WA Govt	Broadacre or production hort?	Feedback adopted. Unit has been revised so that it is clearly broadacre.	
•	WA Govt	Why 'assess competing demands'? Not much is going to compete with seeding! Isn't this simply determine human, machinery and resource requirements and availability. Oops no, that is 2.2 and 2.3	Feedback acknowledged. The SME Working Group indicated that while not much will compete with seeding, in some rare occasions a pasture may be put to different use. The advice from the SME Working Group is to leave this in.	

Stakeholder Comments	s and Identified Issues	Consideration and Proposed Resolution
WA Govt	and weed and pest risks are	Feedback adopted.
WA Govt	Combine and rationalise elements 1 and 2.	Feedback adopted.
WA Govt	Production horticulture terminology. broadacre farming doesn't have seedbeds.  No idea what 'trash' is in this context, sounds like production hort.	Feedback adopted. Edited to standardise the language
WA Govt	What the?? This is just element 2 repeated.	Feedback adopted. Element has been altered to not repeat Element 2.
WA Govt	what documents? Do we mean the crop production plans? presumably these plans will specify what crops where.	Feedback adopted. Crop production plans specified.
WA Govt	and make improvement recommendations for future planting/seeding operations.	Feedback adopted. 'and make improvement recommendations for future planting/ seeding operations' included.
WA Govt	seedbed again. Why just equipment required? Also tillage is no longer automatic. Yes should have some knowledge of tilling methodologies and machinery, but also consequences and alternatives.	Feedback adopted. Edited to standardise the language
WA Govt	what does this mean?	Feedback adopted. Clarification given.
WA Govt	Good.	Thank you for the feedback.

Stakeholder Commen	ts and Identified Issues	Consideration and Proposed Resolution
VIC Govt	Response to RB comment re trash - I believe so PE Dot points 4.1-4.4 - These serve to specify what is meant in PC 3.5, like a range statement. Has been included in KE.  PE DotPoints 5.1-5.4 - These are not supported by the KE or specified in the PCs. Suggest the PC/PE terms and relationships be reviewed for clarity	Feedback adopted. Unit has been revised and this feedback has been utilised in the changes.
VIC RTO	Suggest "Assess and account for crop residues and seeding conditions"	Feedback adopted.
VIC RTO	General comment. This is a very messy unit. There seems to be quite a lot of repetition of the performance criteria across the elements almost like the elements have been re-written in parts to justify a level 4 unit. Needs a re-write to tidy it all up.	Feedback adopted. Unit has been re-written to address these concerns. Please review during the Validation phase to make sure changes are appropriate and the project team are happy to receive any further feedback during this time.
AHCBAC404 Plan and	d implement agricultural crop maintenance	
WA Govt	Not sure this applies here - more seeding and harvesting.	The SME Working Group has indicated to retain this, as this can be used in variable rate technologies (VRT).
WA Govt	what is this? do we mean environmental and/or integrated?	Feedback adopted. Removed reference to 'culture' since it is covered in other dot points.
WA Govt	I wonder what that could be	Retained as some RTOs may have a solution.
WA Govt	broadacre not production hort?	Feedback adopted. Broadacre used in the Application.
WA Govt	where is the implementation/action? 3.2 is not adequate.	Feedback adopted, PC 3.2 reviewed and now reads "Implement sustainable land management practices"
	Where is the making suggestions for changes in approach and for future improvements?	Added Element 4 for review of maintenance program.

Stakeholder Commer	nts and Identified Issues	Consideration and Proposed Resolution
VIC Govt	PE - The PE listed appears to be much more detailed than the PCs - serving to clarify the PCs. Some points are not supported by the KE, e.g. soil moisture & irrigation. The use of terms such as research, assessed are not consistent e.g. applied pesticides or nutrient treatments in Pes	Noted. The Performance Evidence specifies skills and tasks that need to be performed in order to be deemed competent in the unit. Clarity for assessors is pertinent in the PE. It is unnecessary to add this degree of detail in the PCs. The PEs in this unit have been checked and have been deemed appropriate by the SME Working Group.  KE has been amended to include missing content.
VIC RTO	Should be GNSS not GPS to cover all satellite navigation systems. Certainly should stay here as provides efficiencies in application of chemicals and fertilisers.	Feedback adopted. Amended to GNSS.
AHCBAC405 Supervi	se agricultural crop harvesting	
WA Govt	Not sure what this really means, but where did the communication strategies (plans) come from? and who is communicating with whom?  Perhaps more simply: establish communication processes with workers and contractors.	Feedback adopted. Added a PC to Element 2 for developing comms procedures. Also added PC in Element 3 for communicating harvesting plan and comms procedure.
WA Govt	No mention of contingency planning in element 2 - which there should be. And then there is no need to mention it here - as it may not be needed.	Feedback adopted. Added to element 2 in PC 2.4 which now reads "Identify potential disruptions to harvest operations and prepare contingency procedures."
WA Govt	This is the role of the farmer/farm manager. At the IV level a worker might check that insurances are place and identify and notify risks.	Feedback adopted. Amended PC to reflect feedback.
WA Govt	'determine' seems too strong. The farm manager will determine. 'Assess' might be reasonable.	Feedback adopted. Changed to assess.
WA Govt	repeated use of the word 'strategy'. Let's not over egg the situation: 'plan' would be more accurate.	Feedback adopted. Changed wording from strategies to program.
WA Govt	'determine' seems too strong. The farm manager will determine. 'Plan' might be reasonable.	Feedback adopted. Changed to prepare.
WA Govt	labour and machinery?	Feedback adopted. Have added to KE.
WA Govt	technology options?	Feedback adopted. Removed this PC and added to KE as a student will need a broad understanding of technology, while it is not a direct step within the job task.

Sta	Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
•	WA Govt	should be first step of Element 3?	Feedback adopted. Moved PC to Element 3.
•	WA Govt	Again, 'identify' should be part of element 2.	Feedback adopted. Removed Identify from PC.
•	WA Govt	It is too late to be doing this now. Move to element 2. at element 4, perhaps: ensure appropriate storage and drying arrangements are used.	Feedback adopted. Moved to element 2.
•	WA Govt	and contamination	Feedback adopted. Added to PC.
•	WA Govt	(somewhat surprisingly to me) I say yes. They would need relevant underpinning skills and a harvest at this level is a large project. But there remains the question of the size of the crop. Perhaps 'commercial crop' to distinguish from hobby farming.	Feedback adopted. Amended PE statement to broadacre agricultural crop. The AC also reflects Broadacre.
•	VIC Govt	PE DP 2 and below - Similar to comments for some of the other BAC4 units, the PE does not match the PCs in terms of language and is serving to provide more detail to clarify the PCs. Some items are not in the PCs e.g. negotiating contracts and agreements which is also not supported by the KE. Suggest review for consistency in terms and meaning.	Feedback adopted. Amended language for consistency.  Clarity for assessors is pertinent in the PE. It is unnecessary to add this degree of detail in the PCs.  Added negotiation and contracts skills to KE.
•	VIC RTO	and storage	Feedback adopted. Storage added as a resource in the KE.
Aŀ	ICBAC406 Maintain grai	n quality in storage	
•	WA Govt	Absolutely for WA. But not only fumigants. poisons are also used to control, e.g. pigeon control.	Feedback adopted. Amended statement to include poisons.

I don't see that there is any need to demonstrate that the candidate has maintained quality of grain in more than one type of storage.	Feedback adopted. Amended PE to a single storage environment.
These storage methods belong in Knowledge Evidence. Part of that knowledge will be understanding the limitations of maintaining grain quality in some of the storages listed particularly when it comes to insect control. Many workplaces will not use anything other than silos for that very reason.	
are and store agricultural seed	
As per AHCBAC406, pest control licensing may be required.	Feedback adopted. Amended licencing statement.
ricultural crop production	
As previously mentioned, there is very little irrigation of broadacre crops in WA. need to broaden this task to water/moisture management.	Feedback adopted. Have amended references to irrigation and focussed on soil moisture and water availability.
Agreed	Feedback adopted. Confirmed demonstrate on one occasion.
Agree with 41. A "where applicable" clause in there would be very useful for those that are involved in dryland broadacre agriculture.	Feedback adopted. Have amended references to irrigation and focussed on soil moisture and water availability.
Again, not sure why Grazing is being specified here?	Feedback adopted. Removed reference to grazing and placed in KE as a method of weed control.
This is a strange and very specific PC to have in here.  Strategic grazing is a valid control method but is one that I would expect would be an exception rather than the everyday in crop production.  Should be "Implement strategic weed control". That would then include all manner of available weed control.	Feedback adopted. Removed reference to grazing and placed in KE as a weed control strategy.
	Part of that knowledge will be understanding the limitations of maintaining grain quality in some of the storages listed particularly when it comes to insect control. Many workplaces will not use anything other than silos for that very reason.  Are and store agricultural seed  As per AHCBAC406, pest control licensing may be required.  As previously mentioned, there is very little irrigation of broadacre crops in WA. need to broaden this task to water/moisture management.  Agreed  Agree with 41. A "where applicable" clause in there would be very useful for those that are involved in dryland broadacre agriculture.  Again, not sure why Grazing is being specified here?  This is a strange and very specific PC to have in here.  Strategic grazing is a valid control method but is one that I would expect would be an exception rather than the everyday in crop production.  Should be "Implement strategic weed control". That would then include all manner of available weed

Stakeholder Comments and	Identified Issues	Consideration and Proposed Resolution
WA Govt	for what period? A week? (no!). Across one full annual cycle, perhaps.	Feedback adopted. Amended PE toone occasion and for a full cycle
AHCBAC506 Manage the ha	rvest of crops	
WA Govt	Yes! although adjustments may be a bit low key: changes perhaps?	Feedback adopted. Amended PC to 'changes'.
<ul> <li>VIC Govt</li> <li>VIC Industry Employer</li> <li>NSW Industry Employer</li> <li>National Association</li> <li>WA Govt</li> <li>WA Industry Employer</li> <li>VIC RTO</li> <li>NSW RTO</li> </ul>	add yield mapping	Feedback adopted. Added yield mapping to KE.
AHCSDP405 Inspect a seed	crop for quality assurance purposes	
•	No feedback requiring action.	
AHCSDT301 Prepare a work	ing sample	
•	No feedback requiring action.	
AHCSDT302 Identify seeds		
VIC Govt	Application - What is 'the seed reference collection'? Should that read 'a seed reference collection. The or a seed reference collection does not appear supported by the KE .Does every seed testing enterprise keep a reference collection? KE - add techniques, keys and references to • seed identification techniques AC - Access to a seed reference collection?	A seed reference collection is kept as part of the tracing procedures.  Feedback adopted. Amended Application to 'the' reference collection.  Amended KE and AC with seed reference collection dot points

Stakeholder Comme	ents and Identified Issues	Consideration and Proposed Resolution	
AHCSDT401 Maintai	AHCSDT401 Maintain a quarantine approved laboratory		
• VIC Govt	Element 3 Title - This does not align totally with the PCs. Suggest review. PC3.5 Maintaining reporting procedures is not the same as reporting on performance. Who is the report for, manager and/or staff? Element 4 Title - Is rectification implied in managing incidents? and Reporting not in the PCs for this element. PC4.4 - or adjust? PE dot point 3 - What about the reports? KE - DPoint 6 - In addition to coaching and mentoring strategies, communication and supervision skills/techniques would be needed to carry out PCs.	Feedback adopted. Amendments to Unit as recommended in feedback.	
AHCSDT405 Handle	and store seed subject to quarantine regulations		
•	No feedback requiring action.		
AHCSPO305 Operate	e seed treatment machinery		
•	No feedback requiring action.		
AHCSPO307 Handle	, package and store commercial quantities of seed		
•	No feedback requiring action.		
AHCSPO308 Sample	e seed before and after processing		

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
VIC Govt	Pev - Some of these are virtual repeats of the PCs. PE DP 4 recognise common weeds This is missing from the KE DP 6 selected and evaluated Evaluation is not in the PCs or supported by KE DP7 collected seed samples Not evident in the PCs. May need another dot sub-point in KE under principles and practices	Feedback adopted. Amended unit as per feedback recommendations.

Proposed units of competency for deletion, or to be amalgamated and superseded.

Stakeholder Comments and	Identified Issues	Consideration and Proposed Resolution
AHCBAC310 Maintain pastur	res and crops for livestock production	
WA Govt	This Unit mirrors AHCBAC307 Maintain agricultural crops with the addition of applying a grazing strategy. However there is another Unit (AHCLSK311 - Implement feeding plans for livestock) that covers grazing strategy. So why is this Unit necessary.	This unit is recommended for deletion and confirmed with the SME Working Group.
National Association	I do agree with 41. Since it is quite common that crops are both grazed and harvested is it necessary to have both units? Could AHCBAC307 be used.  I disagree with AHCLSK311 being used - that unit is far more complex than just a grazing strategy. That unit would require supplementary feeding as well	This unit is recommended for deletion and confirmed with the SME Working Group.
National Association	Principals of CTF are a bit of a joke in a livestock unit - there is no controlling the movement of livestock and where they walk! Instead I would suggest replacing with principals of minimum till, no till and zero till practices.	This unit is recommended for deletion and confirmed with the SME Working Group.
AHCSDP301 Undertake prep	aration of land for seed crops	
<ul> <li>VIC Govt</li> <li>VIC Industry Employer</li> <li>NSW Industry Employer</li> <li>National Association</li> <li>WA Govt</li> <li>WA Industry Employer</li> <li>VIC RTO</li> <li>NSW RTO</li> </ul>	Agree with deletion	Unit superseded.  See AHCBAC305 Undertake preparation of land for agricultural crop production as replacement.
AHCSDP302 Establish seed crops		

Stakeholder Comments and	Identified Issues	Consideration and Proposed Resolution
<ul> <li>VIC Govt</li> <li>VIC Industry Employer</li> <li>NSW Industry Employer</li> <li>National Association</li> <li>WA Govt</li> <li>WA Industry Employer</li> <li>VIC RTO</li> <li>NSW RTO</li> </ul>	Agree with deletion	Unit superseded.  See AHCBAC306 Establish agricultural crops as replacement.
AHCSDP303 Maintain seed of	crops	
VIC Govt VIC Industry Employer NSW Industry Employer National Association WA Govt WA Industry Employer VIC RTO NSW RTO  AHCSDP304 Harvest seed Company	Agree with deletion	Unit superseded.  See AHCBAC307 Maintain agricultural crops as replacement.
VIC Govt VIC Industry Employer NSW Industry Employer National Association WA Govt WA Industry Employer VIC RTO NSW RTO  AHCSDP401 Plan a seed cross  To VIC Govt	Agree with deletion  p establishment program	Unit superseded.  See AHCBAC308 Undertake agricultural crop harvesting activities as replacement.
<ul> <li>VIC Govt</li> <li>VIC Industry Employer</li> <li>NSW Industry Employer</li> <li>National Association</li> <li>WA Govt</li> <li>WA Industry Employer</li> <li>VIC RTO</li> <li>NSW RTO</li> </ul>	Agree with deletion	Unit superseded.  See AHCBAC408 Manage agricultural crop production with AHCBAC403 Supervise agricultural crop establishment as replacements.

Stakeholder Comments and	Identified Issues	Consideration and Proposed Resolution
AHCSDP402 Supervise seed		
<ul> <li>VIC Govt</li> <li>VIC Industry Employer</li> <li>NSW Industry Employer</li> <li>National Association</li> <li>WA Govt</li> <li>WA Industry Employer</li> <li>VIC RTO</li> <li>NSW RTO</li> </ul>	Agree with deletion	Unit superseded.  See AHCBAC403 Supervise agricultural crop establishment as replacement.
AHCSDP403 Plan and impler	nent seed crop maintenance	
<ul> <li>VIC Govt</li> <li>VIC Industry Employer</li> <li>NSW Industry Employer</li> <li>National Association</li> <li>WA Govt</li> <li>WA Industry Employer</li> <li>VIC RTO</li> <li>NSW RTO</li> </ul>	Agree with deletion	Unit superseded.  See AHCBAC404 Plan and implement agricultural crop maintenance as replacement.
AHCSDP404 Supervise seed	crop harvesting	
<ul> <li>VIC Govt</li> <li>VIC Industry Employer</li> <li>NSW Industry Employer</li> <li>National Association</li> <li>WA Govt</li> <li>WA Industry Employer</li> <li>VIC RTO</li> <li>NSW RTO</li> </ul>	Agree with deletion	Unit superseded.  See AHCBAC405 Supervise agricultural crop harvesting as replacement.
AHCSDT303 Perform a fluore	escence test on seeds	
<ul> <li>VIC Govt</li> <li>VIC Industry Employer</li> <li>NSW Industry Employer</li> <li>National Association</li> <li>WA Govt</li> <li>WA Industry Employer</li> </ul>	Agree with deletion and amalgamation into one unit	Unit superseded.  See AHCSDT3XX Perform quality tests on seeds as replacement.

Stakeholder Comments and	dentified Issues	Consideration and Proposed Resolution
<ul><li>VIC RTO</li><li>NSW RTO</li></ul>		
AHCSDT304 Perform a seed	purity analysis	
<ul> <li>VIC Govt</li> <li>VIC Industry Employer</li> <li>NSW Industry Employer</li> <li>National Association</li> <li>WA Govt</li> <li>WA Industry Employer</li> <li>VIC RTO</li> <li>NSW RTO</li> </ul>	Agree with deletion and amalgamation into one unit	Unit superseded.  See AHCSDT3XX Perform quality tests on seeds.
AHCSDT305 Perform a seed	moisture test	
<ul> <li>VIC Govt</li> <li>VIC Industry Employer</li> <li>NSW Industry Employer</li> <li>National Association</li> <li>WA Govt</li> <li>WA Industry Employer</li> <li>VIC RTO</li> <li>NSW RTO</li> </ul>	Agree with deletion and amalgamation into one unit	Unit proposed to be deleted.
AHCSDT306 Perform a seed	germination test	
<ul> <li>VIC Govt</li> <li>VIC Industry Employer</li> <li>NSW Industry Employer</li> <li>National Association</li> <li>WA Govt</li> <li>WA Industry Employer</li> <li>VIC RTO</li> <li>NSW RTO</li> </ul>	Agree with deletion and amalgamation into one unit	Unit proposed to be deleted.
	rmination of other Seeds by Number' test	

Stakeholder Comments and		Consideration and Proposed Resolution
VIC Govt     VIC Industry Employer	Agree with deletion and amalgamation into one unit	Unit superseded.
<ul><li>NSW Industry Employer</li><li>National Association</li></ul>		See AHCSDT3XX Perform quality tests on seeds.
WA Govt		
<ul><li>WA Industry Employer</li><li>VIC RTO</li></ul>		
NSW RTO		
AHCSDT402 Prepare and ma	intain a seed reference collection	
VIC Govt     VIC Industry Employer	Agree with deletion and amalgamation into one unit	Unit superseded.
NSW Industry Employer		See AHCSDT4XX Perform advanced tests on seeds.
<ul><li>National Association</li><li>WA Govt</li></ul>		
WA Industry Employer		
VIC RTO     NSW RTO		
AHCSDT403 Perform an Ang	juina test on annual ryegrass seed	
VIC Govt	Agree with deletion and amalgamation into one unit	Unit superseded.
<ul><li>VIC Industry Employer</li><li>NSW Industry Employer</li></ul>		See AHCSDT4XX Perform advanced tests on seeds.
National Association		
<ul><li>WA Govt</li><li>WA Industry Employer</li></ul>		
VIC RTO		
NSW RTO  AHCSDT404 Develop and im	plement laboratory policy and procedures	
VIC Govt	Agree with deletion	Replicated in Laboratory qualifications. Unit to be deleted.
VIC Industry Employer	rigide with deletion	Trophodiod in Education qualifications. Only to be deleted.
<ul><li>NSW Industry Employer</li><li>National Association</li></ul>		
WA Govt		
WA Industry Employer		
VIC RTO     NSW RTO		

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Stakeholder Comments and I	Identified Issues	Consideration and Proposed Resolution
AHCSDT406 Undertake intern	nal audits in a seed laboratory	
<ul> <li>VIC Govt</li> <li>VIC Industry Employer</li> <li>NSW Industry Employer</li> <li>National Association</li> <li>WA Govt</li> <li>WA Industry Employer</li> <li>VIC RTO</li> <li>NSW RTO</li> </ul>	Agree with deletion	Replicated in Laboratory qualifications. Unit proposed for deletion.
AHCSDT407 Perform an ende	ophytic seed test	
<ul> <li>VIC Govt</li> <li>VIC Industry Employer</li> <li>NSW Industry Employer</li> <li>National Association</li> <li>WA Govt</li> <li>WA Industry Employer</li> <li>VIC RTO</li> <li>NSW RTO</li> </ul>	Agree with deletion and amalgamation into one unit	Unit superseded.  See AHCSDT4XX Perform advanced tests on seeds.
AHCSDT408 Perform an elec	trophoresis test on a seed sample	
<ul> <li>VIC Govt</li> <li>VIC Industry Employer</li> <li>NSW Industry Employer</li> <li>National Association</li> <li>WA Govt</li> <li>WA Industry Employer</li> <li>VIC RTO</li> <li>NSW RTO</li> </ul>	Agree with deletion and amalgamation into one unit	Unit superseded.  See AHCSDT4XX Perform advanced tests on seeds.
AHCSDT409 Perform a tetraz	colium test	
<ul> <li>VIC Govt</li> <li>VIC Industry Employer</li> <li>NSW Industry Employer</li> <li>National Association</li> <li>WA Govt</li> <li>WA Industry Employer</li> </ul>	Agree with deletion and amalgamation into one unit	Unit superseded.  See AHCSDT4XX Perform advanced tests on seeds.

Stakeholder Comments and I	dentified Issues	Consideration and Proposed Resolution
VIC RTO		·
NSW RTO		
AHCSDT410 Perform a seed	vigour test	
VIC Govt	Agree with deletion and amalgamation into one unit	Unit superseded.
VIC Industry Employer		O - AUOODT (VO) Performed and add to the annual de-
NSW Industry Employer		See AHCSDT4XX Perform advanced tests on seeds.
National Association		
WA Govt		
WA Industry Employer		
<ul><li>VIC RTO</li><li>NSW RTO</li></ul>		
AHCSDT411 Perform a 1000 s	seed weight test	
VIC Govt	Agree with deletion and amalgamation into one unit	Unit superseded.
VIC Industry Employer		O - AUOODT (VO) Performent annual tracta annual tr
NSW Industry Employer		See AHCSDT4XX Perform advanced tests on seeds.
National Association		
• WA Govt		
WA Industry Employer     VIC RTO		
VIC RTO NSW RTO		
AHCSPO301 Operate a scree	n cleaner for seed processing	
VIC Govt	Agree with deletion and amalgamation into one unit	Unit superseded.
VIC Industry Employer		
<ul> <li>NSW Industry Employer</li> </ul>		See AHCSPO3XX Process planting seed.
National Association		
• WA Govt		
WA Industry Employer		
VIC RTO     NEW BTO		
NSW RTO		

Stakeholder Comments and		Consideration and Proposed Resolution
WA Govt	Agree with RB1 below. This is very routine work. This is reflected in the knowledge and skills. A suggestion is for 1 level 3 Unit that encompasses operating a variety of seed grading and cleaning machinery.	The specific seed processing units have been merged into one Level 3 Unit.  See new unit - AHCSPO3XX Process planting seed.
SA RTO	I don't know enough about each of these pieces of machinery to comment on each of these seed processing units, however as a RTO we would not offer them. The training can be offered using other units such as AHCMOM304, 305 and 302. The demand for this qualification is not sufficient to warrant us to offer specific units	The specific seed processing units have been merged into one Level 3 Unit.  See new unit - AHCSPO3XX Process planting seed.
AHCSPO302 Operate an inde	ent cylinder	
<ul><li>TAS Industry Employer</li><li>SA RTO</li><li>National Association</li></ul>	Q- How do you clean your seed? (in relation to unit AHCSPO302)	Seed cleaning is performed by an external organisation.  All seed processing units have been merged into one AQF3 Unit.  See new unit - AHCSPO3XX Process planting seed.
AHCSPO303 Operate a gravi	ty table	
<ul> <li>VIC Govt</li> <li>VIC Industry Employer</li> <li>NSW Industry Employer</li> <li>National Association</li> <li>WA Govt</li> <li>WA Industry Employer</li> <li>VIC RTO</li> <li>NSW RTO</li> </ul>	Agree with deletion and amalgamation into one unit	Unit superseded.  See AHCSPO3XX Process planting seed.
AHCSPO304 Operate seed m	odification machinery	
VIC Govt	KE - add DP 1.1 Pre-operational checks, use, shut-down, cleaning etc. of machinery also - DP1.4 Need to know the workplace procedures for reporting faults and maintaining records	This unit has now been merged with other seed processing units at AQF3 into a single unit.  See new unit - AHCSPO3XX Process planting seed.

Stakeholder Comments and	Identified Issues	Consideration and Proposed Resolution	
AHCSPO306 Operate specialised seed processing machinery			
<ul> <li>VIC Govt</li> <li>VIC Industry Employer</li> <li>NSW Industry Employer</li> <li>National Association</li> <li>WA Govt</li> <li>WA Industry Employer</li> <li>VIC RTO</li> <li>NSW RTO</li> </ul>	Agree with deletion and amalgamation into one unit	Unit superseded.  See AHCSPO3XX Process planting seed.	