

Reference No.																			
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SELF ASSESSMENT GUIDE

Qualification:	GRAINS PRODUCTION NC II (Corn)		
Certificate of Competency (COC 1):	Manage Grains Production		
Unit(s) of Competency Covered:	<ul style="list-style-type: none"> • Conduct variety and seed selection • Carry-out crop establishment • Manage crop 		
Instruction:	<ul style="list-style-type: none"> • Read each question and check the appropriate column to indicate your answer. 		
Can I?	YES	NO	
CONDUCT VARIETY AND SEED SELECTION			
• Identify soil types through soil characterization procedures			
• Select the best soil for growing corn			
• Identify what information about the site are determined before corn production *			
• State why seed selection is necessary before planting			
• Identify the advantages and disadvantages of hybrid and open pollinated variety corns			
• Identify the use of warranty tags and BPI (Bureau of Plant Industry) tags in corn seeds			
• Conduct germination test using either ragdoll, seed box or seed plot methods			
• Compute percentage of seed germination percentage and total seed required			
• Discuss actions to be taken if germination rate falls below standard			
CARRY-OUT CROP ESTABLISHMENT			
• Describe the field conditions which indicates that it is ready for planting			
• Demonstrate direct seeding operation using conventional method and farmalite			
• Identify documentary requirements when applying for crop insurance *			
MANAGE CROP			
• Identify methods of assessing soil fertility *			

• Compute amount of fertilizer, ammonium phosphate and urea based on given information *		
• Discuss the effect of excessive or lack of water on the growth of corn and its control measures		
• Identify pests/diseases and recommend control measures *		
• Distinguish damages caused by biotic stresses (pest/diseases) and abiotic (extreme environmental condition and nutritional deficiency) *		
• Identify the insect-pest, the damage it causes and how to prevent the damage *		
• Practice safety measures according to work safety standards *		
I agree to undertake assessment with the knowledge that information gathered will only be used for professional development purposes and can only be accessed by concerned assessment personnel and my manager/supervisor.		
Candidate's Name & Signature	Date	

*Critical Aspects of Competency

Reference No.																			
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SELF ASSESSMENT GUIDE

Qualification:	GRAINS PRODUCTION NC II (Corn)		
Certificate of Competency (COC 2):	Perform Land Preparation		
Instruction:			
<ul style="list-style-type: none"> Read each question and check the appropriate column to indicate your answer. 			
Can I?	YES	NO	
<ul style="list-style-type: none"> Perform land cleaning activities according to site requirements * 			
<ul style="list-style-type: none"> Prepare tools, materials and equipment for land preparation * 			
<ul style="list-style-type: none"> Identify information to be gathered before negotiating with machinery provider * 			
<ul style="list-style-type: none"> Describe dry tillage operation practices * 			
<ul style="list-style-type: none"> Demonstrate construction of contour for sloping areas using A-frame, according to industry standard procedures * 			
<ul style="list-style-type: none"> Discuss proper practices on disposal of biodegradable waste * 			
<ul style="list-style-type: none"> Prepare records after tillage operation, according to workplace procedures * 			
<ul style="list-style-type: none"> Practice safety measures according to work safety standards * 			
I agree to undertake assessment with the knowledge that information gathered will only be used for professional development purposes and can only be accessed by concerned assessment personnel and my manager/supervisor.			
Candidate's Name & Signature		Date	

*Critical Aspects of Competency

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SELF ASSESSMENT GUIDE

Qualification:	GRAINS PRODUCTION NC II (Corn)		
Certificate of Competency (COC 3):	Conduct Harvest and Post- Harvest Operations		
Instruction:			
<ul style="list-style-type: none"> Read each question and check the appropriate column to indicate your answer. 			
Can I?	YES	NO	
<ul style="list-style-type: none"> Determine crop maturity based on physiological growth and physical indicators * 			
<ul style="list-style-type: none"> Enumerate obstructions to be removed from the field for efficient harvesting * 			
<ul style="list-style-type: none"> Enumerate tools, materials and equipment needed in harvesting and post-harvest operations * 			
<ul style="list-style-type: none"> Identify information to be gathered before negotiating with service provider/s * 			
<ul style="list-style-type: none"> Demonstrate manual harvesting methods, according to industry * 			
<ul style="list-style-type: none"> Explain strategies to reduce post-harvest losses * 			
<ul style="list-style-type: none"> Demonstrate proper drying and handling of harvested corn ears * 			
<ul style="list-style-type: none"> Demonstrate packaging of dried corn grains * 			
<ul style="list-style-type: none"> Practice proper wastes disposal after harvest and post-harvest activities, following environmental rules and regulations * 			
<ul style="list-style-type: none"> Identify strategies in marketing harvests * 			
<ul style="list-style-type: none"> Practice safety measures according to work safety standards * 			
I agree to undertake assessment with the knowledge that information gathered will only be used for professional development purposes and can only be accessed by concerned assessment personnel and my manager/supervisor.			
Candidate's Name & Signature		Date	

*Critical Aspects of Competency

Reference No.																			
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SELF ASSESSMENT GUIDE

FULL Qualification:	GRAINS PRODUCTION NC II (Corn)		
Units of Competency:	<ul style="list-style-type: none"> • Conduct variety and seed selection • Carry-out crop establishment • Manage crop • Perform Land Preparation • Conduct Harvest and Post-Harvest Operations 		
Instruction:	<ul style="list-style-type: none"> • Read each question and check the appropriate column to indicate your answer. 		
Can I?	YES	NO	
CONDUCT VARIETY AND SEED SELECTION			
• Identify soil types through soil characterization procedures			
• Select the best soil for growing corn			
• Identify what information about the site are determined before corn production *			
• State why seed selection is necessary before planting			
• Identify the advantages and disadvantages of hybrid and open pollinated variety corns			
• Identify the use of warranty tags and BPI (Bureau of Plant Industry) tags in corn seeds			
• Conduct germination test using either ragdoll, seed box or seed plot methods			
• Compute percentage of seed germination percentage and total seed required			
• Discuss actions to be taken if germination rate falls below standard			
CARRY-OUT CROP ESTABLISHMENT			
• Describe the field conditions which indicates that it is ready for planting			
• Demonstrate direct seeding operation using conventional method and farmalite			
• Identify documentary requirements when applying for crop insurance *			
MANAGE CROP			
• Identify methods of assessing soil fertility *			

<ul style="list-style-type: none"> • Compute amount of fertilizer, ammonium phosphate and urea based on given information * 		
<ul style="list-style-type: none"> • Discuss the effect of excessive or lack of water on the growth of corn and its control measures 		
<ul style="list-style-type: none"> • Identify pests/diseases and recommend control measures * 		
<ul style="list-style-type: none"> • Distinguish damages caused by biotic stresses (pest/diseases) and abiotic (extreme environmental condition and nutritional deficiency) * 		
<ul style="list-style-type: none"> • Identify the insect-pest, the damage it causes and how to prevent the damage * 		
<ul style="list-style-type: none"> • Practice safety measures according to work safety standards * 		
PERFORM LAND PREPARATION		
<ul style="list-style-type: none"> • Perform land cleaning activities according to site requirements * 		
<ul style="list-style-type: none"> • Prepare tools, materials and equipment for land preparation * 		
<ul style="list-style-type: none"> • Identify information to be gathered before negotiating with machinery provider * 		
<ul style="list-style-type: none"> • Describe dry tillage operation practices * 		
<ul style="list-style-type: none"> • Demonstrate construction of contour for sloping areas using A-frame, according to industry standard procedures * 		
<ul style="list-style-type: none"> • Discuss proper practices on disposal of biodegradable waste * 		
<ul style="list-style-type: none"> • Prepare records after tillage operation, according to workplace procedures * 		
<ul style="list-style-type: none"> • Practice safety measures according to work safety standards * 		
CONDUCT HARVEST AND POST-HARVEST OPERATIONS		

• Determine crop maturity based on physiological growth and physical indicators *		
• Enumerate obstructions to be removed from the field for efficient harvesting *		
• Enumerate tools, materials and equipment needed in harvesting and post-harvest operations *		
• Identify information to be gathered before negotiating with service provider/s *		
• Demonstrate manual harvesting methods, according to industry *		
• Explain strategies to reduce post-harvest losses *		
• Demonstrate proper drying and handling of harvested corn ears *		
• Demonstrate packaging of dried corn grains *		
• Practice proper wastes disposal after harvest and post-harvest activities, following environmental rules and regulations *		
• Identify strategies in marketing harvests *		
• Practice safety measures according to work safety standards *		
I agree to undertake assessment with the knowledge that information gathered will only be used for professional development purposes and can only be accessed by concerned assessment personnel and my manager/supervisor.		
Candidate's Name & Signature	Date	

*Critical Aspects of Competency