

Reference No.																			
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SELF ASSESSMENT GUIDE

Qualification:	GRAINS PRODUCTION NC II (Rice)		
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			
• Identify what information about the site are determined before rice production *			
• Match rice varieties suitable to specific sites *			
• Identify classes and characteristics of quality seeds based on Philippine Laboratory Standard for Seeds Certification *			
• Conduct germination test using ragdoll method according to established procedure			
CARRY-OUT CROP ESTABLISHMENT			
• Describe the 2 general steps in germinating seeds *			
• Describe proper handling of germinated seeds and transporting it to sowing site, following industry standards			
• Describe the field conditions which indicates that it is ready for direct seeding operation			
• Perform direct seeding operation using selected method and needed tools, materials and equipment *			
• Describe the conditions of a good seedbed site			
• Prepare seedbed following industry standards and using appropriate tools, material and equipment			
• Sow seeds following industry standards			
• Transplant seedling following industry standards *			
• Identify documentary requirements when applying for crop insurance *			

MANAGE CROP		
• Identify methods of assessing soil fertility *		
• Compute amount of fertilizer based on industry recommendations *		
• Discuss the effect of excessive or lack of water on the growth of rice		
• Identify pests/diseases, assess severity of damage and recommend control measures *		
• Distinguish damages caused by pest/diseases (biotic stresses) and extreme environmental condition (abiotic stresses) *		
• Describe the conditions of a good seed purification site *		
• 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 (Rice)		
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 tillage (dry, wet or combination of wet and dry) operation practices depending on the workplace ecosystem * 			
<ul style="list-style-type: none"> Conduct construction and repair of dikes according to industry standard procedures * 			
<ul style="list-style-type: none"> Practice proper wastes disposal after tillage operation, following environmental rules and regulations * 			
<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 (Rice)		
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"> Identify crop maturity based on physiological growth and physical indicators * 			
<ul style="list-style-type: none"> Verify maturity of rice to be harvested based on agronomic, physiological and physical characteristics * 			
<ul style="list-style-type: none"> Explain importance of draining rice field and of weather condition monitoring * 			
<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 machinery provider * 			
<ul style="list-style-type: none"> Demonstrate manual harvesting methods, using suitable tools and materials * 			
<ul style="list-style-type: none"> Explain strategies to reduce post-harvest losses * 			
<ul style="list-style-type: none"> Demonstrate proper handling and packaging of rice according to variety and destination * 			
<ul style="list-style-type: none"> Describe proper storage of bags of Palay * 			
<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 OSH 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

FULL Qualification:	GRAINS PRODUCTION NC II (Rice)		
Unit(s) 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			
• Identify what information about the site are determined before rice production *			
• Match rice varieties suitable to specific sites *			
• Identify classes and characteristics of quality seeds based on Philippine Laboratory Standard for Seeds Certification *			
• Conduct germination test using ragdoll method according to established procedure			
CARRY-OUT CROP ESTABLISHMENT			
• Describe the 2 general steps in germinating seeds *			
• Describe proper handling of germinated seeds and transporting it to sowing site, following industry standards			
• Describe the field conditions which indicates that it is ready for direct seeding operation			
• Perform direct seeding operation using selected method and needed tools, materials and equipment *			
• Describe the conditions of a good seedbed site			
• Prepare seedbed following industry standards and using appropriate tools, material and equipment			
• Sow seeds following industry standards			
• Transplant seedling following industry standards *			
• Identify documentary requirements when applying for crop insurance *			

MANAGE CROP		
• Identify methods of assessing soil fertility *		
• Compute amount of fertilizer based on industry recommendations *		
• Discuss the effect of excessive or lack of water on the growth of rice		
• Identify pests/diseases, assess severity of damage and recommend control measures *		
• Distinguish damages caused by pest/diseases (biotic stresses) and extreme environmental condition (abiotic stresses) *		
• Describe the conditions of a good seed purification site *		
• Practice safety measures according to work safety standards *		
PERFORM LAND PREPARATION		
• Perform land cleaning activities according to site requirements *		
• Prepare tools, materials and equipment for land preparation *		
• Identify information to be gathered before negotiating with machinery provider *		
• Describe tillage (dry, wet or combination of wet and dry) operation practices depending on the workplace ecosystem *		
• Conduct construction and repair of dikes according to industry standard procedures *		
• Practice proper wastes disposal after tillage operation, following environmental rules and regulations *		
• Prepare records after tillage operation, according to workplace procedures *		
• Practice safety measures according to work safety standards *		
CONDUCT HARVEST AND POST-HARVEST OPERATIONS		
• Identify crop maturity based on physiological growth and physical indicators *		
• Verify maturity of rice to be harvested based on agronomic, physiological and physical characteristics *		
• Explain importance of draining rice field and of weather condition monitoring *		
• 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 machinery provider *		
• Demonstrate manual harvesting methods, using suitable tools and materials *		

• Explain strategies to reduce post-harvest losses *		
• Demonstrate proper handling and packaging of rice according to variety and destination *		
• Describe proper storage of bags of Palay *		
• 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 OSH 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***