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## SELF ASSESSMENT GUIDE

<b>Qualification:</b>	GRAINS PRODUCTION NC II (Rice)		
<b>Certificate of Competency (COC 1):</b>	Manage Grains Production		
<b>Unit(s) of Competency Covered:</b>	<ul style="list-style-type: none"> <li>• Conduct variety and seed selection</li> <li>• Carry-out crop establishment</li> <li>• Manage crop</li> </ul>		
<b>Instruction:</b>	<ul style="list-style-type: none"> <li>• Read each question and check the appropriate column to indicate your answer.</li> </ul>		
<b>Can I?</b>	<b>YES</b>	<b>NO</b>	
<b>CONDUCT VARIETY AND SEED SELECTION</b>			
• 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			
<b>CARRY-OUT CROP ESTABLISHMENT</b>			
• 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 *			

<b>MANAGE CROP</b>		
• 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.		
<b>Candidate's Name &amp; Signature</b>		<b>Date</b>

\*Critical Aspects of Competency

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**SELF ASSESSMENT GUIDE**

<b>Qualification:</b>	GRAINS PRODUCTION NC II (Rice)		
<b>Certificate of Competency (COC 2):</b>	Perform Land Preparation		
<b>Instruction:</b>			
<ul style="list-style-type: none"> <li>Read each question and check the appropriate column to indicate your answer.</li> </ul>			
<b>Can I?</b>	<b>YES</b>	<b>NO</b>	
<ul style="list-style-type: none"> <li>Perform land cleaning activities according to site requirements *</li> </ul>			
<ul style="list-style-type: none"> <li>Prepare tools, materials and equipment for land preparation *</li> </ul>			
<ul style="list-style-type: none"> <li>Identify information to be gathered before negotiating with machinery provider *</li> </ul>			
<ul style="list-style-type: none"> <li>Describe tillage (dry, wet or combination of wet and dry) operation practices depending on the workplace ecosystem *</li> </ul>			
<ul style="list-style-type: none"> <li>Conduct construction and repair of dikes according to industry standard procedures *</li> </ul>			
<ul style="list-style-type: none"> <li>Practice proper wastes disposal after tillage operation, following environmental rules and regulations *</li> </ul>			
<ul style="list-style-type: none"> <li>Prepare records after tillage operation, according to workplace procedures *</li> </ul>			
<ul style="list-style-type: none"> <li>Practice safety measures according to work safety standards *</li> </ul>			
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.			
<b>Candidate's Name &amp; Signature</b>		<b>Date</b>	

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**SELF ASSESSMENT GUIDE**

<b>Qualification:</b>	GRAINS PRODUCTION NC II (Rice)		
<b>Certificate of Competency (COC 3):</b>	Conduct Harvest and Post-Harvest Operations		
<b>Instruction:</b>			
<ul style="list-style-type: none"> <li>Read each question and check the appropriate column to indicate your answer.</li> </ul>			
<b>Can I?</b>	<b>YES</b>	<b>NO</b>	
<ul style="list-style-type: none"> <li>Identify crop maturity based on physiological growth and physical indicators *</li> </ul>			
<ul style="list-style-type: none"> <li>Verify maturity of rice to be harvested based on agronomic, physiological and physical characteristics *</li> </ul>			
<ul style="list-style-type: none"> <li>Explain importance of draining rice field and of weather condition monitoring *</li> </ul>			
<ul style="list-style-type: none"> <li>Enumerate obstructions to be removed from the field for efficient harvesting *</li> </ul>			
<ul style="list-style-type: none"> <li>Enumerate tools, materials and equipment needed in harvesting and post-harvest operations *</li> </ul>			
<ul style="list-style-type: none"> <li>Identify information to be gathered before negotiating with machinery provider *</li> </ul>			
<ul style="list-style-type: none"> <li>Demonstrate manual harvesting methods, using suitable tools and materials *</li> </ul>			
<ul style="list-style-type: none"> <li>Explain strategies to reduce post-harvest losses *</li> </ul>			
<ul style="list-style-type: none"> <li>Demonstrate proper handling and packaging of rice according to variety and destination *</li> </ul>			
<ul style="list-style-type: none"> <li>Describe proper storage of bags of Palay *</li> </ul>			
<ul style="list-style-type: none"> <li>Practice proper wastes disposal after harvest and post-harvest activities, following environmental rules and regulations *</li> </ul>			
<ul style="list-style-type: none"> <li>Identify strategies in marketing harvests *</li> </ul>			
<ul style="list-style-type: none"> <li>Practice safety measures according to OSH Standards *</li> </ul>			
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.			
<b>Candidate's Name &amp; Signature</b>		<b>Date</b>	

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**SELF ASSESSMENT GUIDE**

<b>FULL Qualification:</b>	GRAINS PRODUCTION NC II (Rice)		
<b>Unit(s) of Competency:</b>	<ul style="list-style-type: none"> <li>• Conduct variety and seed selection</li> <li>• Carry-out crop establishment</li> <li>• Manage crop</li> <li>• Perform land preparation</li> <li>• Conduct Harvest and Post-Harvest Operations</li> </ul>		
<b>Instruction:</b>	<ul style="list-style-type: none"> <li>• Read each question and check the appropriate column to indicate your answer.</li> </ul>		
<b>Can I?</b>	<b>YES</b>	<b>NO</b>	
<b>CONDUCT VARIETY AND SEED SELECTION</b>			
• 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			
<b>CARRY-OUT CROP ESTABLISHMENT</b>			
• 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 *			

<b>MANAGE CROP</b>		
• 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 *		
<b>PERFORM LAND PREPARATION</b>		
• 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 *		
<b>CONDUCT HARVEST AND POST-HARVEST OPERATIONS</b>		
• 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.		
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