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SELF-ASSESSMENT GUIDE

Qualification:	AGRICULTURAL CROP PRODUCTION NC III		
Unit of Competency:	Prepare Land for Agricultural Crops Production		
Instruction:			
<ul style="list-style-type: none"> • Read each of the questions in the left-hand column of the chart. • Place a check in the appropriate box opposite each question to indicate your answers. 			
Can I?	YES	NO	
• Prepare land for cultivation*			
• Interpret work requirements from planting plan*			
• Prepare the vehicles and equipment for site cultivation*			
• Cultivate soil*			
• Incorporate previous crop or land clearance debris*			
• Operate vehicles and equipment *			
• Prepare site for planting*			
• Apply weed and pest control measures, fertilizers, ameliorants and other pre-planting treatments *			
• Clean vehicles and equipment in accordance with manufacturer's specifications *			
• Dispose leftover fluids, waste and debris from the cleaning and maintenance work *			
• Use and maintain Personal Protective Equipment *			
• Updates records as per organizational requirements*			
• Communicate effectively with superior and co-workers			
• Identify the methods of cultivating a range of soil types			
• Identify environmental issues of cultivating soil for planting			
I agree to undertake assessment in 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:	

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SELF-ASSESSMENT GUIDE

Qualification:	AGRICULTURAL CROP PRODUCTION NC III		
Unit of Competency:	Implement a Post-Harvest Program		
Instruction: <ul style="list-style-type: none"> • Read each of the questions in the left-hand column of the chart. • Place a check in the appropriate box opposite each question to indicate your answers. 			
Can I?	YES	NO	
• Prepare materials, tools, equipment and machinery for post harvest operations*			
• Coordinate post-harvest work to farm work team *			
• Select / implement post-harvest treatments *			
• Grade / label harvested produce *			
• Clean / maintain tools, equipment and machinery *			
• Collect / dispose wastes *			
• Package harvested produce as per marketing plan and industry practice *			
• Store / handle harvested produce *			
• Use and maintain Personal Protective Equipment*			
• Record packaging and storage processes *			
• Communicate effectively in both oral and written with supervisor and team members			
• Apply pest management principles aligned with farm policy			
• Identify hygiene issues in handling and storage of produce			
• Identify environmental effects of post harvest treatment and hazardous waste disposal methodologies, application and purpose			
• Participate in team and contribute to achieve objectives			
I agree to undertake assessment in 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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SELF-ASSESSMENT GUIDE

Qualification:	AGRICULTURAL CROP PRODUCTION NC III		
Unit of Competency:	Implement a Plant Nutrition Program		
Instruction: <ul style="list-style-type: none"> • Read each of the questions in the left-hand column of the chart. • Place a check in the appropriate box opposite each question to indicate your answers. 			
Can I?	YES	NO	
• Identify goals and target site for the implementation of plant nutrition program including soils, plant species and varieties*			
• Analyze area and adjacent lands for soil composition / nutrients*			
• Identify materials for soil and plant treatments *			
• Monitor soil pH *			
• Assess product application methods in accordance with farm work procedures and environmental implications*			
• Identify common nutrient deficiency and toxicity problems in plants through visual inspection *			
• Apply fertilizers according to plant growing cycle and farm fertilizer calendar*			
• Handle / store fertilizers*			
• Calibrate / adjust and use tools, equipment and machinery *			
• Apply appropriate amount of specific nutrients,			
• Record product applications according to farm work procedures			
• Communicate effectively with team members, supervisors, contractors and suppliers			
I agree to undertake assessment in 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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SELF-ASSESSMENT GUIDE

Qualification:	AGRICULTURAL CROP PRODUCTION NC III		
Unit of Competency:	Control Weeds		
Instruction: <ul style="list-style-type: none"> • Read each of the questions in the left-hand column of the chart. • Place a check in the appropriate box opposite each question to indicate your answers. 			
Can I?	YES	NO	
• Assess scope, density and size of weed infestation*			
• Use tools, equipment and implements			
• Use / maintain PPE *			
• Implement control measures according to IPM principles*			
• Clean and maintain safe work area *			
• Prepare land to ensure weed elimination *			
• Monitor control methods *			
• Maintain records in accordance with legislation and enterprise guidelines *			
• Identify the chemical, biological and cultural control methods and treatment available to enterprise within the parameters of IPM program			
• Identify OHS issues and legislative requirements associated with hazardous substances			
• Communicate effectively with supervisor, contractors, consultants and work team members			
<p>I agree to undertake assessment in 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.</p>			
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SELF-ASSESSMENT GUIDE

Qualification:	AGRICULTURAL CROP PRODUCTION NC III		
Unit of Competency:	Prepare and Apply Chemicals		
Instruction:			
<ul style="list-style-type: none"> • Read each of the questions in the left-hand column of the chart. • Place a check in the appropriate box opposite each question to indicate your answers. 			
Can I?	YES	NO	
• Assess the requirements for chemical use*			
• Check label of chemicals to ensure chemicals meet user requirements and specifications *			
• Prepare appropriate chemicals *			
• Use / maintain PPE *			
• Prepare application equipment and tools*			
• Apply chemicals according to label and Material Safety Data Sheet (MSDS) *			
• Clean / maintain application equipment and tools*			
• Dispose unused chemicals, empty containers and spilled materials*			
• Follow procedures for reporting chemical spills *			
• Record application of chemicals, injury or poisoning associated with application of chemicals *			
• Measure quantities, application rates and calibrate equipment			
• Identify hazards, assessment control and emergency response			
• Communicate effectively with supervisor, contractors, consultants and work team members			
I agree to undertake assessment in 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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SELF-ASSESSMENT GUIDE

Qualification:	AGRICULTURAL CROP PRODUCTION NC III		
Unit of Competency:	Establish Agronomic Crops		
Instruction: <ul style="list-style-type: none"> • Read each of the questions in the left-hand column of the chart. • Place a check in the appropriate box opposite each question to indicate your answers. 			
Can I?	YES	NO	
• Read and interpret manufacturer's specifications, work and maintenance plans, and Material Safety Data Sheets (MSDS)			
• Select and utilize various features and controls of a range of specialized application equipment to seed and fertilize grains crop*			
• Assess and calculate the application of fertilizer/pesticide requirements and application rates, calibrate equipment and calculate volumes, consumption and servicing requirements			
• Apply fertilizers, herbicides, insecticides, other pesticides and hazardous substances safely			
• Identify types of weeds and insects that are harmful and beneficial to crops			
• Prepare, calibrate, operate and service machinery and equipment*			
• Perform pre- and post-operational and safety checks, servicing and maintenance on machinery and equipment			
• Clean, secure and store machinery and equipment			
• Prepare reports of machinery damage, faults or malfunctions and perform minor repairs			
• Assess soil and weather conditions and determine appropriate seeding methods*			
• Prepare seeds for planting, seed to plant by ensuring optimum range of depth and density*			
• Recognize and control hazards*			
• Observe and follow relevant environmental practices, provincial/municipal legislation, regulations and codes of practice with regards to workplace/OHS and the use and disposal of hazardous substances			

• Evaluate seeding operations and maintain records*		
• Interpret and apply task instructions		
• Communicate with work teams and supervisor		
I agree to undertake assessment in 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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SELF-ASSESSMENT GUIDE

Qualification:	AGRICULTURAL CROP PRODUCTION NC III		
Unit of Competency:	Undertake Agronomic Crops Maintenance Activities		
Instruction: <ul style="list-style-type: none"> • Read each of the questions in the left-hand column of the chart. • Place a check in the appropriate box opposite each question to indicate your answers. 			
Can I?	YES	NO	
• Read and interpret manufacturer's specifications, work and maintenance plans, and Material Safety Data Sheets (MSDS)			
• Observe and follow appropriate legislative requirements, manufacturers instructions and organization procedures/ instructions			
• Identify health conditions of crops and potential pests			
• Identify moisture and hygiene requirements for agronomic crops and equipment that comes into contact with the crop			
• Prepare, calibrate, operate and service machinery and equipment			
• Identify the types and uses of herbicides, insecticides and other pesticides and alternative pest control methods (non-chemical)			
• Apply fertilizers and other chemicals considering the growth cycle of the crop*			
• Apply water according to crop requirements			
• Monitor the condition and growth rate of crops			
• Observe and prepare reports on health and growth of crops			
• Identify and prepare reports on the variations in crop's health and growth rate			
• Identify and apply basic knowledge in agronomy, horticulture and plant pathology			
I agree to undertake assessment in 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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SELF-ASSESSMENT GUIDE

Qualification:	AGRICULTURAL CROP PRODUCTION NC III		
Unit of Competency:	Undertake Agronomic Crops Harvesting Activities		
Instruction:			
<ul style="list-style-type: none"> • Read each of the questions in the left-hand column of the chart. • Place a check in the appropriate box opposite each question to indicate your answers. 			
Can I?	YES	NO	
• Read and interpret manufacturer's specifications, work and maintenance plans, and Material Safety Data Sheets (MSDS)			
• Observe and follow appropriate legislative requirements, manufacturer's instructions and organization procedures/ instructions			
• Observe and follow pre- and post-operational and safety checks, servicing and maintenance procedures for tools and equipment			
• Harvest crops safely and efficiently while maintaining the highest degree of hygiene and quality *			
• Identify pests and signs of pest infestation in the crop			
• Identify moisture and hygiene requirements for agronomic crops and equipment that comes into contact with the crop			
• Observe and follow post-harvest handling and packaging procedures			
• Utilize communication systems			
• Handle and maneuver harvesting equipment			
• Interpret and apply task instructions, communicate with work team and supervisor; record and report faults, workplace hazards and accidents			
I agree to undertake assessment in 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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SELF-ASSESSMENT GUIDE

Qualification:	AGRICULTURAL CROP PRODUCTION NC III		
Unit of Competency:	Save, prepare and store agricultural seed		
Instruction:			
<ul style="list-style-type: none"> • Read each of the questions in the left-hand column of the chart. • Place a check in the appropriate box opposite each question to indicate your answers. 			
Can I?	YES	NO	
• Save, prepare, and store seed in a hygienic environment to ensure successful crop the succeeding year*			
• Identify the varieties, treatments, cleaning measures and storage techniques and requirements for seed and grain			
• Determine the inoculation treatment and dressings used within the organization			
• Observe and follow environmental controls and codes of practice applicable to the enterprise			
• Observe and follow relevant legislation and regulations relating to OHS; contractor engagement, chemical use and application; vehicle and plant use; and the use, handling and sale of seed			
• Observe and follow sound management practices and processes to minimize noise, odors and debris from sowing operations			
• Select appropriate seed test			
• Apply pre- and post-harvest treatment for seed			
• Identify varieties from growth patterns			
• Identify weed seeds and contaminants			
• Identify pests in stored grain and initiate control measures			
• Calculate volumes, capacities, areas, ratios for seed, storage and chemicals			
• Maintain an update records relating to test results, provenance, varieties, pest control measures and other relevant information about the seed			
• Observe, identify and respond appropriately to environmental implications and OHS hazards			

I agree to undertake assessment in 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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SELF-ASSESSMENT GUIDE

Qualification:	AGRICULTURAL CROP PRODUCTION NC III		
Unit of Competency:	Implement Vertebrate Pest Control Program		
Instruction:			
<ul style="list-style-type: none"> • Read each of the questions in the left-hand column of the chart. • Place a check in the appropriate box opposite each question to indicate your answers. 			
Can I?	YES	NO	
• Use control agents safely and apply appropriate methods to control vertebrate pests*			
• Use and handle hazardous substances safely*			
• Identify species and nature of vertebrate pest and carry out inspections to assess infestations*			
• Dispose carcasses according to established industry standard*			
• Observe and follow legislative and industry requirements for the disposal of vertebrate pests and control agents			
• Select and apply appropriate control methods and techniques			
• Observe and follow safety signage			
• Manage sustainable livestock supplies			
• Observe and follow relevant environmental guidelines including protection of native vegetation giving particular attention to potential soil degradation and destruction of flora and fauna			
• Observe and follow relevant provisions of OHS legislation and regulations			
• Select and use agricultural chemicals safely			
• Communicate with farm personnel and suppliers both verbal and written			
• Read and interpret chemical labels, MSDS and safety signage or decals			
• Calculate vertebrate pest numbers and estimate appropriate resources and materials for pest control program			

I agree to undertake assessment in 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: