WORKPLACE READINESS STANDARDS

nswer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
emonstrate a positive work ethic by oming to work every day on time, a dillingness to take direction, and notivation to accomplish the task at and.	0	2	14	2.88	16
emonstrate integrity by abiding by orkplace policies and laws and emonstrating honesty and reliability.	0	4	12	2.75	16
remonstrate teamwork skills by contributing to the success of the eam, assisting others, and requesting elp when needed.	0	4	12	2.75	16
emonstrate positive self- epresentation skills by dressing ppropriately and using language and nanners suitable for the workplace.	0	5	11	2.69	16
emonstrate diversity awareness by orking well with all customers and co- orkers.	0	8	8	2.50	16
emonstrate conflict-resolution skills y negotiating diplomatic solutions to terpersonal and workplace issues.	1	10	5	2.25	16
emonstrate creativity and esourcefulness by contributing new leas and working with initiative.	0	12	4	2.25	16

Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
Demonstrate effective speaking and					
listening skills by communicating	1	5	10	2.56	16
effectively with customers and					
Demonstrate effective reading and					
writing skills by reading and	0	5	11	2.69	16
interpreting workplace documents and					
Demonstrate critical-thinking and					
problem-solving skills by analyzing	0	9	7	2.44	16
and resolving problems that arise in					
Demonstrate healthy behaviors and					
safety skills by following safety	1	5	9	2.53	15
guidelines and managing personal					
Demonstrate understanding of					
workplace organizations, systems,	2	12	2	2.00	16
and climates by identifying "big		_			
Demonstrate lifelong-learning skills by					
continually acquiring new industry-	3	9	4	2.06	16
related information and improving		-			
Demonstrate job acquisition and					
advancement skills by preparing to	5	10	1	1.75	16
apply for a job and seeking promotion.			·		. •
Demonstrate time, task, and resource					
management skills by organizing and	0	12	4	2.25	16
implementing a productive plan of	J		•	2.20	.0
Demonstrate mathematical skills by					
using mathematical reasoning to	4	7	5	2.06	16
accomplish tasks.	·	•			. •
Demonstrate customer service skills					
by identifying and addressing the	1	7	8	2.44	16
needs of all customers and providing	·	·			. •
			ancı	vered question	16

skipped question

Know	Know	Critical to Know	Rating Average	Response Count			
1	10	5	2.25	16			
1	10	5	2.25	16			
2	11	3	2.06	16			
3	11	2	1.94	16			
using appropriate devices, services, answered question							
	2	1 10 2 11	1 10 5 2 11 3 3 11 2	1 10 5 2.25 2 11 3 2.06			

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CONTI	ENT STANDARD 1: PLANT ANATOMY		IFICATION				
	Performance Standard 1.1: Plant Anato	omy					
	Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count	
1.1.1.	Identify and describe the primary parts of a plant and their function.	1	4	11	2.63	16	
1.1.2.	Identify the parts of a cell and describe their functions.	8	7	1	1.56	16	
1.1.3.	Identify the basic types of tissues found in a plant and their functions.	5	8	3	1.88	16	
	answered question						
	skipped question						

	Performance Standard 1.2: Plant Identification								
	Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count			
1.2.1.	Discuss the systems of plant classification.	6	7	3	1.81	16			
1.2.2.	Differentiate between plant parts and modifications (roots, stems, leaves, flowers, fruits, seeds).	0	8	8	2.50	16			
1.2.3.	Determine plant identification by using a key.	3	10	3	2.00	16			
	answered question								
	skipped question								

CONTI	ENT STANDARD 2: PLANT PROCESSI	ES AND GRO	OWTH AND	DEVELOPME	NT				
	Performance Standard 2.1: Basic Plant Processes								
	Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count			
2.1.1.	Explain the process and purpose of photosynthesis, respiration, transportation and absorption.	1	5	10	2.56	16			
2.1.2.	List factors that affect the rate of photosynthesis, respiration, transpiration and absorption.	0	7	9	2.56	16			
2.1.3.	Distinguish between the characteristics of photosynthesis and respiration.	2	9	5	2.19	16			
	answered question								
	skipped question								

	Performance Standard 2.2: Plant Growth and Development								
	Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count			
2.2.1.	List the stages of plant growth and development including germination, vegetative growth and reproductive	0	8	8	2.50	16			
2.2.2.	List conditions affecting the vegetative growth of plants.	0	9	7	2.44	16			
2.2.3.	Demonstrate asexual and sexual reproduction in plants.	2	10	4	2.13	16			
	answered question								
	skipped question								

	Performance Standard 2.3: Plant Breeding								
	Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count			
2.3.1.	List methods and strategies of pollination.	3	10	3	2.00	16			
2.3.2.	Describe the selective plant breeding process.	5	10	1	1.75	16			
2.3.3.	Demonstrate how to calculate heritability.	6	8	2	1.75	16			
2.3.4.	Interpret test plot data.	9	5	2	1.56	16			
	answered question								
	skipped question								

CONT	ENT STANDARD 3: SOIL AND WATER								
	Performance Standard 3.1: Elementary Study of Soils								
	Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count			
3.1.1.	Discuss the function of soil as it relates to plant growth, development and maintenance.	0	5	11	2.69	16			
3.1.2.	Determine soil texture.	1	7	8	2.44	16			
3.1.3.	Identify five kinds of soil structure.	3	10	3	2.00	16			
3.1.4.	Determine how acidity and alkalinity effect the soil and methods of correcting pH problems.	0	7	9	2.56	16			
3.1.5.	Compare and contrast biotic and abiotic components of soil.	4	6	6	2.13	16			
3.1.6.	Identify soil conservation strategies.	4	8	4	2.00	16			
				ansı	vered question	16			
					ipped question	0			

	Performance Standard 3.2: Soil Moisture Management								
	Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count			
3.2.1	Identify reasons for irrigation including water holding capacity and soil moisture.	1	10	5	2.25	16			
3.2.2	Recognize tillage practices associated with different soil structures and their effects on water infiltration.	1	10	4	2.20	15			

	Recognize water sources, delivery systems.	1	9	6	2.31	16			
3.2.4.	Describe Idaho's water doctrine and its significance in today's agriculture.	5	10	1	1.75	16			
	answered question								
	skipped question								

CONTI	ENT STANDARD 4: PLANT NUTRITION	N						
	Performance Standard 4.1: Identify Sources and Roles of Plant Nutrients							
	Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count		
4.1.1.	Identify the functions of N-P-K-S.	0	4	12	2.75	16		
4.1.2.	Identify the primary sources or forms of N-P-K-S available to plants.	0	7	9	2.56	16		
4.1.3.	Differentiate the roles of macro and micro nutrients.	3	6	7	2.25	16		
	answered question							
	skipped question							

	Performance Standard 4.2: Recognize Plant Nutrient Deficiencies						
	Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count	
4.2.1	Explain the common causes of nutrient deficiencies in plants.	0	9	7	2.44	16	

				sk	ipped question		0
	answered question						
	Differentiate between nutrient deficiencies and common problems caused by biological pests or	1	9	6	2.31	16	
4.2.2.	Analyze and identity common nutrient deficiencfies related to the macronutrients required by plants.	1	8	7	2.38	16	

	Performance Standard 4.3: Analysis of	erformance Standard 4.3: Analysis of Soil and Plant Nutrients				
	Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
4.3.1.	Calculate nutrient removal rate	10	7	2	1.58	19
4.3.2.	Interpret soil analysis	1	10	9	2.40	20
4.3.3.	Calculate fertilizer application and cost	0	6	14	2.70	20
	answered question					
	skipped question					

CONTI	ENT STANDARD 5: INTEGRATED PES					
	Performance Standard 5.1: Recognize	of an Integrate	ed Pest Manage	ement Plan		
	Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
5.1.1.	Recognize elements of the disease triangle.	2	6	8	2.38	16

Analyze economic thresholds of crop damage.	5	8	3	1.88	16	
answered question						
			sk	ipped question	0	

	Performance Standard 5.2: Pest Identification						
	Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count	
5.2.1.	Discuss competition and economic losses caused by pests.	5	9	2	1.81	16	
5.2.2	Recognize common Idaho weeds, insects, diseases.	0	6	10	2.63	16	
5.2.3.	Recognize common Idaho crops.	3	6	7	2.25	16	
	answered question						
	skipped question					0	

CONTENT STANDARD 6: CAREERS AND TECHNOLOGY Performance Standard 6.1: Introduction to Technology						
	Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
6.1.1.	Discuss the improvements made through genetic engineering.	4	11	1	1.81	16
6.1.2.	Describe the tools and techniques used for genetic modification.	10	5	1	1.44	16

	Explore precision agriculture technology.	8	6	2	1.63	16	
6.1.4.	Recognize advancements in plant science.	5	8	3	1.88	16	
	answered question						
	skipped question						0

	Performance Standard 6.2: Marketing and Data Analysis							
	Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count		
6.2.1.	Interpret agricultural data (1. Test plots, 2. Soil and tissue analysis, 3. Market trends, 4.	7	6	3	1.75	16		
	answered question							
				sk	ipped question	0		

	Performance Standard 6.3: Career Exploration						
	Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count	
6.3.1.	Explore the careers that are available in plant science.	4	11	1	1.81	16	
6.3.2.	List the requirements of gaining and keeping employment in the field of plant science.	3	9	4	2.06	16	
	answered question						
	skipped question						

	Performance Standard 6.4: Supervised	Performance Standard 6.4: Supervised Agricultural Experience						
	Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count		
6.4.1.	Accurately maintain SAE record books.	5	5	6	2.06	16		
6.4.2.	Investigate the proficiency award areas related to SAE program area.	7	7	2	1.69	16		
6.4.3.	Actively pursue necessary steps to receive high degrees in FFA.	7	6	3	1.75	16		
	answered question							
	skipped question					0		

CONTENT STANDARD 7: SAFETY						
	Performance Standard 7.1: General Safety					
	Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
7.1.1.	Identify and properly use personal protection equipment.	0	4	12	2.75	16
7.1.2.	Read, understand and follow label directions and SDS (safety data sheet).	0	4	12	2.75	16
	answered question					16
	skipped question					0