

Duty/Task:									
H-5 Determine protective measures for crops									
STEPS (Required to Perform the Task)	PERFORMANCE STANDARDS (Observable & Measurable Criteria)	TOOLS, EQUIPMENT, SUPPLIES & MATERIALS (Needed)	REQUIRED KNOWLEDGE AND SKILLS (Math, Science, & Language)	SAFETY (Concerns)	WORKER BEHAVIORS (Important to Worker Success)	DECISIONS (Identify Decisions that Must be Made by the Worker)	CUES (Identify the Data Needed for Making Correct Decisions)	ERRORS (Indicate What May Result if Incorrect Decisions are Made)	
1 Review documentation of pest activity that needs follow up action	1 Review previously identified pest activity for which follow up action is needed; reviewed urgency of need e.g. low, medium, high; reviewed rationale recommending action	1 Paper, pen, computer; journals, logs	1 Analytical skills; organizational skills; computer skills; knowledge of entomology and plant pathology	1 N/A	1 Thorough, conscientious, accurate	1 What pest activities were recommended for follow-up action? Are the recommendations sound? What factors impact the determination to take action? What is the urgency of the recommended action?	1 Accuracy and detail of the documentation, level of current damage	1 Poor crop growth and quality may result; loss of revenue; dissatisfied customers	
2 Review previously documented observations in the growing environments	2 Reviewed all observations previously documented; reviewed scouting manuals, logs and journals used which include dates and who observed; photos used to document observations	2 Paper, pen, computer; journals, logs	2 Communication skills; language skills; analytical skills; organizational skills; computer skills; knowledge of entomology and plant pathology; risk management knowledge	2 N/A	2 Observant, attentive, detail oriented, analytical	2 Is the documentation accurate and thorough? Are there photos? How can this documentation be used?	2 Accuracy and detail of the documentation, age of the documentation	2 Poor crop growth and quality may result; loss of revenue; dissatisfied customers	
3 Investigate protective follow up options, e.g., pesticide treatments, fencing, row covers, tunnels	3 Identified all appropriate proactive and responsive measures for addressing potential pests; accounted for all information reviewed about crop conditions and pest activity	3 Computer and internet resources; scouting manuals; production guides; extension publications; farm supply catalogs	3 Research skills; analytical skills; organizational skills; knowledge of entomology and plant pathology	3 N/A	3 Thorough; responsive; problem solver; resourceful; innovative	3 What proactive actions can be taken? What responsive actions are needed? How do I justify the actions? What additional information must be considered e.g. budget, crop age, equipment and staff availability?	3 Pest and growing environment documentation; list of potential actions; CSA operations information	3 May not employ the most appropriate action or response; may waste resources or not achieve the desired/needed level of pest control	
4 Implement the appropriate action from the options identified in the previous step	4 Identified and scheduled protective actions based on observations and desired plant development; actions selected are cost effective, feasible, resourceful, and manageable	4 Computer and internet resources; scouting manuals; production guides; extension publications; farm supply catalogs; paper; pen	4 Time management skills; critical thinking skills; problem solving skills; diagnostic knowledge	4 N/A	4 Organized; timely; accurate; observant; self-motivated; responsive	4 How urgent is the need for action? Who do I need to discuss the actions with? What additional information must be considered e.g. budget, crop age, equipment and staff availability?	4 Pest and growing environment documentation; list of potential actions; CSA operations information	4 Poor crop growth may affect yield and quality; may result in dissatisfied customers and loss of revenue; may waste resources	
Analyst: Mike Loyd			Specific Relevant References:						
Expert Workers:									
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