

Duty/Task:									
H-4 Evaluate pest damage									
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 documented pest activity that occurred in previous years	1 Reviewed all observations documented according to standard operating practices for the business; scouting manuals, logs and journals used which include dates and who observed; photos used to document observations	1 Paper, pen, computer; journals, logs	1 Communication skills; language skills; analytical skills; organizational skills; computer skills	1 N/A	1 Accurate; observant; self-motivated; responsive; analytical	1 Where do I get the documentation? Do I understand the documentation? Do I think the documentation is complete? Who do I need to share the documentation with? Who should I consult with for a better understanding? How can this documentation be	1 Age of the documentation; who performed the documentation	1 Won't be able to rate past pest activity; may not recognize risk potential for crop damage by pests	
2 Determine if current pest damage exceeds threshold levels where control action is needed.	2 Made all calculations to determine threshold levels; considered all relevant factors related to taking action regarding the pest, e.g. cost, market demand, plant maturity, time of year, weather	2 Paper, pen, computer; journals, logs; scouting manuals; threshold levels	2 Communication skills; analytical skills; organizational skills; computer skills; knowledge of entomology and plant pathology	2 N/A	2 Observant; analytical; self-motivated; responsive; problem solver	2 What level of pest damage is tolerable? Where do I get the threshold level information? What factors impact the determination to make a calculation?	2 Extension publications; prior pest documentation	2 Pest damage may result in poor crop growth and quality; loss of revenue; increased pests in current and following crops	
3 Identify pest activity that needs follow up action	3 Identified pest activity for which follow up action is needed; rated urgency of need e.g. low, medium, high; documented rationale recommending action	3 Paper, pen, computer; journals, logs; scouting manuals	3 Analytical skills; organizational skills; computer skills; knowledge of entomology and plant pathology	3 N/A	3 Decisive; responsive	3 What pest activities require follow-up action? What is the appropriate control action to take?	3 Damage potential from current pest levels, recommended control action for various pests	3 Poor crop growth and quality could result; death; loss of revenue; dissatisfied customers	
Analyst: Mike Loyd			Specific Relevant References:						
Expert Workers:									
Brad Bergfeld									
Meagan Zeune									