

STANDARD TASK ANALYSIS FORM

6/2/2011

Duty/Task:									
G-12 Replant failed plants									
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 Scout the fields and determine how many plants have failed	1 Scouted fields thoroughly to determine extent of failed plants	1 Gator or ATV	1 Knowledge of stand count formula for determining extent of viable plants, driving skills	1 Drive carefully	1 Observant, attentive, timely, knowledgeable	1 What percentage of plants are estimated to have failed? What is the stand count of remaining plants?	1 Observations, stand counts	1 Won't know if replanting is necessary to reach desired yield	
2 Obtain replacement planting stock/seed	2 Obtained acceptable replacement planting stock or seed in a timely manner	2 Computer, Internet, phone, truck	2 Knowledge of acceptable replacement stock or seed	2 Use proper lifting techniques	2 Research oriented, responsive	2 What stock or seed do I need? How much do I buy? Where do I get it? How soon can I get it?	2 On hand inventory of suppliers, planting records	2 Won't be able to replace failed plants, crop yields will be reduced	
3 Plant replacement stock where plants have failed	3 Properly placed and covered plants	8 Hand spade, hand/foot	8 Knowledge of proper planting depth, positioning and spacing	8 Avoid sprains if walking on uneven ground	8 physically fit, accurate, precise, efficient	8 Have I positioned the plant correctly? Have I pulled enough dirt up around the plant?	8 Observation of planted plants	8 Won't be able to replace failed plants, crop yields will be reduced	
4 Irrigate as needed	4 Correctly determined to irrigate if required	4 Irrigation system	4 Knowledge of irrigation system operation	4 N/A	4 Responsive, decisive	4 Do I need to irrigate?	4 Observation	4 Replacement plants won't grow, will need to replace the replacements	
Analyst: John Moser			Specific Relevant References:						
Expert Workers:			1 Planting records						
Al Welch			2 Nursery catalogs						
Milan Pajev									