

STANDARD TASK ANALYSIS FORM

6/2/2011

Duty/Task:										
G-1 Plant seeds in containers										
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 Obtain growing mix, containers and seeds	1 Obtained correct growing mix, containers and seeds for your operation	1 Growing mix, containers and seeds	1 Knowledge of proper growing mix to use, knowledge of proper containers, knowledge of seed varieties	1 N/A	1 Accurate, timely, conscientious	1 What type of growing mix do I use for this crop? What type of containers do I use for this crop? What seed variety will I grow? Where do I get my supplies? How much do I buy? What is an acceptable price?	1 Properties of the growing mix, supplier offerings, type of seed being planted, environmental conditions, consumer demand, past purchasing practices, what is available, comparative purchasing	1 Won't be able to grow the crop we want, variety may not be adaptable to our environment, containers may be too big or too small for optimal root development, mix may not have the proper pH or water holding capacity		
2 Fill containers with growing mix	2 Filled containers uniformly to the proper level with growing mix	2 Containers, growing mix	2 N/A	2 Use gloves to protect hands	2 Accurate, efficient	2 How much growing mix do I add to the containers?	2 Depth of the container	2 Not enough mix will interfere with proper root development		
3 Create holes in the growing mix for seeds	3 Created holes to the proper depth in the growing mix appropriate to the size of the seeds	3 Stacked containers, dibble	3 Knowledge of planting depths for various seed varieties	3 Use gloves to protect hands	3 Detail oriented, efficient	3 What am I going to use to create the holes? How many holes do I create per container? How deep should the holes be? What size should the holes be?	3 Variety being planted	3 Won't have lodging places for the seed to grow, holes may be too deep may prevent proper germination		
4 Plant the seeds in the holes	4 Planted the seeds in the appropriate direction depending on varietal requirement	4 Hand seeder (manual or vibrating)	4 Knowledge of direction to plant seeds based on variety	4 Use gloves to protect hands	4 Detail oriented, efficient	4 What direction do I plant the seeds? How many seeds do I add per hole?	4 Variety being planted, size of the seed, purpose of the crop (e.g. baby greens or mature greens)	4 Seeds may not germinate uniformly which would require re-planting, leading to inefficient crop production		
5 Cover the seeds with growing mix	5 Covered the seeds to the top of the trays or containers	5 Growing mix, board or hand to level	5 N/A	5 Use gloves to protect hands	5 Thorough, efficient	5 What do I use to cover the seeds? How much growing mix should I put over the seeds?	5 Size of the growing container being used	5 Seeds will dry out too soon or may not germinate		
6 Place the containers on the growing bench and water them	6 Placed the containers on the bench and saturated the growing mix with water	6 Growing bench, water hose with shower head attachment	6 Knowledge of the watering system, watering methods	6 N/A	6 Accurate, efficient, conscientious	6 How much water do I add? What growing bench do I use?	6 Water begins dropping from bottom of container	6 Won't provide enough moisture for germination		
7 Maintain water and temperature conducive for germination	7 Maintained water and temperature according to varietal requirements	7 Thermometer, hose with shower head, timer, misting system (if available)	7 Knowledge of optimal growing conditions for various seed varieties	7 N/A	7 Timely, accurate, conscientious	7 What temperature should I try to maintain? How much water do I add? How often do I water?	7 Specific varietal requirements for moisture and temperature	7 Seeds won't germinate or may dry out or drown out		
Analyst: John Moser			Specific Relevant References:							
Expert Workers:			1 Extension publications							
Al Welch			2 Dealer marketing materials							
Milan Pajev										