

02.08.26 CSDS Meeting; Spring Propagation: Supply List

Waking up tubers/planting tubers, taking cuttings, potting up rooted cuttings.

Prepared by Mike Hartel, 1st Vice President, Central States Dahlia Society

- **Supplies/Links (in no particular order):**

- Sharpie... well a few Sharpies, Fine Point.
- Plant Labels (purchase from CSDS)
- Misc. Tools: fork, scissors, Exacto Knife, small brush, paper towels.
- Nail or Awl to make holes in the Oasis wedges
- "Take away food trays;" by [Glad](#) or [Amazon](#)
- Zip Lock Bags (sandwich, quart and gallon... depending on tuber size)
- [Wire Shelving](#) on [Casters](#)
- Soilless Mix, I am using [Promix](#) from Ace Hardware this year, [Pesche's Potting Mix](#) is an option.
- Soil Moisture Meter: [4-in-1 Meter from Amazon](#)
- [Bread Trays](#)
- [Jiffy Domes](#)
- [1020 Trays](#) with and without drain holes
- Remote Thermometers: [Govee](#)
- Small pots, I use 3-1/2" square pots
- Clear small pots, I use 9 oz. [cocktail glasses](#), need to drill drain holes.
- [Grow Lights](#) plugged into [smart plug](#)
- [Seedling Heat Mat](#)
- Distilled or tap water, Bleach water: 1 to 10 (note, need to change the bleach water daily as bleach loses effectiveness after exposure to light), Dish soap water: 1 to 10, most recommend Dawn
- Oasis wedges (purchase from CSDS)
- [Rooting Compound](#)
- [Clorox Wipes](#)
- [Mycorrhizae](#)
- [Root Blast](#)
- [Tables](#) on casters (locking for windy days).
- [Jute Twine](#)
- Small garden stakes (like [shish kabob sticks](#) from the grocery store, 12" long is a good size)
- [Oscillating Fans](#) on [Monopod with casters](#) plugged into [smart plug](#) controlled outlet on 25' extension cord.





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Light Scale
Light Scale: 0-1000
0-1000 (Low)
1000-2000 (Medium)
2000-3000 (High)
3000-4000 (Very High)
4000-5000 (Extreme)

Soil Temperature
Temperature Range: $0^{\circ}\text{C}/32^{\circ}\text{F}$ - $90^{\circ}\text{C}/197^{\circ}\text{F}$
TEMP: 26°C

PH Sensor
PH Sensor PH Range: 3-9
3-4 Strongly Acidic
5-6 Slightly Acidic
7 Neutral
8-9 Slightly Alkaline

Moisture Sensor
Moisture Range (5 Levels):
5-20% DRY
20-40% DRY+
40-60% WET
60-80% WET+
80-95% WET

7 VIDEOS



8 VIDEOS



Product Dimensions

Weight: 11.3pounds / 5.1 kilograms



5.9Feet/1.8Meters



Minimum Height:
3.93Feet/1.2Meters



4.2Feet/1.3Meters



7.5Feet/2.29Meters



Maximum Height:
10Feet/3.05Meters

