**So I have a greenhouse, now what?**

* Environmental controls (70-75 degrees)
	+ Heating – Typically gas or electric
		- Check for safety – electrical, belts, blower
	+ Cooling – fan and pad a must in the central valley
		- Check for safety – fans
* Benches – should be waist height with a surface that you can slide flats easily
	+ - Sanitize with bleach solution 1-2 times per year.
		- Floor should be firm and well drained. No weeds
* Glazing material
	+ - Double poly
		- Rigid plastic
		- Glass
		- Shade cloth?
* Irrigation
	+ Mist is a must!
		- <http://www.netafimusa.com/greenhouse/products/foggers>
			* CooNet Pro 4-way Fogger
		- Don’t rely on automated irrigation in your house!!
			* Hoses should easily accessible for students
				+ Watch for trip and slip hazards
* Options for propagation
	+ Seed – Buy or collect
		- Double the diameter, bottom heat 70-75 degrees, top dress with vermiculite
		- Make a calendar – Peppers, eggplant, tomato, squash
	+ Cuttings
		- Order unrooted cuttings .10 - .20 per - Stick in December for shifting in early February for April sale
		- Leaf cuttings – September through October (succulents)
		- Don’t underestimate direct stick in water!
	+ Buy in plugs and shift
		- February for April sale. Depends on plant and container size.
			* When you pinch re-root the tops?
	+ Division
		- Grasses, sedums, ground covers in general

**Seed**

 <http://www.ballseed.com/>

 <http://www.takii.com/>

 <http://www.syngentaflowers.com/country/us/en/seeds/Pages/default.aspx>

 <http://www.rareseeds.com/>

<http://parkseed.com/>

**Cuttings/plugs**

 <http://www.firststepgreenhouses.com/>

 <http://takaonursery.com/>

 <http://www.syngentaflowers.com/country/us/en/Vegetative/Pages/home.aspx>

 <http://www.ppandl.com/>

**Horticulture Suppliers**

 <http://www.clsmithtrucking.com/>

 <http://www.sungro.com/>

 <http://mcconkeyco.com/>

 <http://americanhort.com/>

 <https://www.greenhousemegastore.com/>

**Equipment**

Germination chamber <https://www.greenhousemegastore.com/product/propagating-chamber/heat-mats-chambers>

Heat pads <https://www.greenhousemegastore.com/product/redi-heat-hd-mats/heat-mats-chambers>

Digital thermostat <https://www.greenhousemegastore.com/product/heat-cable-thermostat/heat-mats-chambers>

Fogg-it Nozzle <https://www.greenhousemegastore.com/product/fogg-it-nozzle/s>

Mist Controller <http://www.agriculturesolutions.com/products/irrigation-and-watering/misting-and-watering-controllers/phytotronics-nova-1626et-6-zone-misting-irrigation-controller-detail>

Label printer <http://horticulture.satoamerica.com/printers/txpsx-series.aspx>

Label supplies http://www.loda.com/

**Rooting hormone**

 Dip ‘N Grow - <https://www.dipngrow.com/buy-online>

 Hormex - <http://hormex.com/>