

Ornamental Horticulture

The following is a sample of purchases recommended and approved for a Horticulture Program which falls within the \$25,000 CTE Reserve Grant. Purchases are certainly not limited to the listed items but rather this is simply meant to serve as a guide for necessary items to start an Agricultural Education program with a Horticulture Pathway.

For a complete equipment list for the Horticulture Program go to www.SCAgEd.org

ITEM NO.	QUANTITY	ITEM	DESCRIPTION	ESTIMATED UNIT COST	ESTIMATED TOTAL COST
1	1	Camera	Digital	\$500.00	\$500.00
2	1	Tiller	8 HP Roto rear tine	\$1500.00	\$1500.00
3	1	Sterilizer	Soil Sterilizer, 25 amp. 240 volt, 24 hour capacity, 4 yards	\$850.00	\$850.00
4	1	Sprayer	18 gallon power sprayer with 3 HP, 12 ½' hose	\$675.00	\$675.00
5	1	Duster	Duster and Granular Spreader	\$150.00	\$150.00
6	1	Kit	Soil testing	\$190.00	\$190.00
7	1	Plant starter	Mobile growing stand, 3 light fixtures	\$440.00	\$440.00
8	1	Cleaner	Steam and Pressure wash	\$1700.00	\$1700.00
9	4	Propagating Mat	22"-96" mats with thermostat	\$130.00	\$520.00
10	1	Nursery cart	26" x 58" expanded metal cart	\$250.00	\$250.00
11	1	Soil Analysis Kit	Greenhouse outfit	\$912.00	\$912.00
12	1	Greenhouse	28'x48', galvanized frame, plastic covering, evaporative cooler, exhaust fan, gas heater, motorized shutter, power vent, horizontal air flow fans, central panel, benches, mist systems with time clock,	\$10000.00	\$10000.00

ITEM NO.	QUANTITY	ITEM	DESCRIPTION	ESTIMATED UNIT COST	ESTIMATED TOTAL COST
			electrical and plumbing included		
13	8	Shovels		\$35.00	\$280.00
14	2	Post Hole Digger		\$45.00	\$90.00
15	2	Tool kit	Small Engine	\$300.00	\$600.00
16	8	Engines	3.5 HP, small engine	\$250.00	\$2000.00
17	1	Gear Puller	Standard set	\$355.00	\$355.00
18	1	Cylinder Hone	Small engine set	\$197.00	\$197.00
19	1	Valve Grinder	Valve seat cutter	\$220.00	\$220.00
20	1	Parts washer	Parts washer complete with pump unit, 115V-1 phase air agitated tank, pistol grip spray hose nozzle, and standard basket rack (med. Size)	\$1340.00	\$1340.00
21	1	Wrench Set	Set open end—box, combination 1 ½” and 2”	\$371.00	\$371.00
22	1	Wrench Set	Set open end – box, combination ¼”-1 ¼”	\$187.00	\$187.00
23	1	Wrench Set	Set 1100M metric wrenches	\$210.00	\$210.00
24	1	Socket	Metric socket ¼”-3/4”: and ½” drive (4mm-22mm) with panel	\$182.00	\$182.00
25	1	Kit	Eyewash station	\$325.00	\$325.00
26	1	Microscope	Binocular, 10x, 40x, 100x	\$760.00	\$760.00
Equipment should be of industrial quality					
Total Cost excluding State Sales Tax					\$24804.00