

## CLEMSON UNIVERSITY AGRISCIENCE LIST SAFETY EQUIPMENT

ITEM #	Description	QTY	SALE \$	Total
AG1028	Cabinet, Flammable Liquid - 18 gauge steel panels, double wall top, bottom, sides and back with 1 1/2" air space between inner and outer panels. Unit should include screen flame arrestor vent, leak-proof sill at bottom; leveling feet on all 4 corners, 3 point lock; must meet National Fire Protection Association requirements.	1	\$1,109.41	\$1,109.41
AG1029	Cabinet, Sterilization and Storage, for Safety Goggles- 40 pair capacity and safety glasses	1	\$925.21	\$925.21
AG1045	Chemical Storage Cabinet- Double walled construction with 1 1/2" air space. Built in vents and flash arresters. *Depends on what needs to be stored based upon the program needs.	3	\$1,558.70	\$4,676.10
AG1110B	Extinguisher, Fire and Foam Type - For class A and class B fir hazards, wood, paper, rubbish, gasoline, oil, paint, varnish and all flammable liquids; 2 1/2" gal. capacity, stainless steel construction, tested to 500 lbs. pressure	1	\$75.22	\$75.22
AG1111	Eye Wash Bottle- Portable 16 oz. capacity with eye cup, air vent and drain tube	1	\$13.16	\$13.16
AG1112	Eye Wash Station	3	\$38.75	\$116.26
AG1114	Fire Extinguishers- Type A, B, C, industrial type, rechargeable	3	\$38.75	\$116.26
AG1115	First Aid Kit- Industrial type, for use by up to 30 people, to contain the items which comply with State School Standards. *One for lab, and one for the classroom.	2	\$86.82	\$173.63
AG1227	Respirator, Full Face- Wide vision polycarbonate scratch resistant anti-fog lens, low resistance filters and cartridges, perspiration relief port, face piece of silicon rubber. Replaceable cartridges to filter organic vapor and pesticides and assorted vapors/mists applications.	3	\$193.29	\$579.88
AG1229	Safety Glass Storage Cabinet- Metal cabinet with door locks, UL approved electrical system. Timer controlled built in germicidal lamp for minimum of 28 pairs of safety glasses.	1	\$932.36	\$932.36

**CLEMSON UNIVERSITY AGRISCIENCE LIST  
SAFETY EQUIPMENT**

AG1262	Solvent Can, 5 Gallon- Made from material that will not be attacked by solvents, safety type equipped with non-flash-back flame arrestor, 5 gal. capacity.	1	\$155.57	\$155.57
AG1271	Storage Cabinet- Steel, 36" X 24" X 78" with adjustable shelves for storing and securing instructional materials.	3	\$520.76	\$1,562.29
AG1270D	Storage Cabinet, Metal Eyewear - Factory assembled with door locks and UL approved three-wire electrical system. Timer-controlled, built-in germicidal lamp. Size: 24 1/2" W X 9 1/4" D X 28" H	1	\$932.36	\$932.36
				<b>\$11,367.70</b>

**CLEMSON UNIVERSITY AGRISCIENCE LIST  
SMALL ANIMAL CARE**

ITEM #	Description	QTY	SALE \$	TOTAL
SA04508M	Air Stones	1	\$ 1.89	\$ 1.89
C28242N	Animal Cages 31"X17"X20"H FOR RABBITS, GUINEA PIGS, FERRETS, ETC	1	\$ 69.36	\$ 69.36
366402	Aquaculture - pumps, alarms, tanks AQUATECH 400 SYSTEM	1	\$ 2,279.42	\$ 2,279.42
162696	Aquarium COMPLETE KIT 29 GAL	1	\$ 213.93	\$ 213.93
1156 SET	Groomer Brushes 3 BRUSHES	1	\$ 21.41	\$ 21.41
	Buffer		\$ -	\$ -
ZW330	Choke Chain SIZES 12,14,16,18,20,22,24,26 INCHES SPECIFY SIZE	1	\$ 1.56	\$ 1.56
TP801	Collars 6-10, 10-16, 14-20, 18-26 INCHES SPECIFY SIZE	1	\$ 3.70	\$ 3.70
TP082 SET	Grooming Combs SET OF 2	1	\$ 14.27	\$ 14.27
350	Dissection Trays	1	\$ 8.37	\$ 8.37
621290	Dissection Kits	1	\$ 16.37	\$ 16.37
185700	Dissolved Oxygen Meter	1	\$ 356.41	\$ 356.41
16634	Electric Clippers	1	\$ 53.10	\$ 53.10
ZA132	Feeding / Watering Bowls 2 QT	1	\$ 5.71	\$ 5.71
C14294N	Electric Fence Controlers	1	\$ 385.03	\$ 385.03
25782	Fish Cage NURSERY	1	\$ 8.57	\$ 8.57
SB27632M	Fish Feeders	1	\$ 28.89	\$ 28.89
360000	Fish Tank and Accessories 20 GAL	1	\$ 346.06	\$ 346.06
ZW55401	Kennels	1	\$ 1,715.99	\$ 1,715.99
TP88992	Leashes PACKAGE OF 6	1	\$ 12.86	\$ 12.86
9B-034957	litterbox	1	\$ 12.86	\$ 12.86
TP579	Muzzle DOG & CAT ASSORTED SIZES	1	\$ 42.89	\$ 42.89
TPN61714	Nail Trimmers, small	1	\$ 7.85	\$ 7.85
TPN61718	Nail Trimmers, large	1	\$ 9.28	\$ 9.28
AG1160A	Nets PACIFIC SWEEPING	1	\$ 30.95	\$ 30.95
3615	Nitrate Test Kits	1	\$ 64.35	\$ 64.35
842100	FELINE MANUAL/CD LICENSE	1	\$ 128.70	\$ 128.70
842101	CANINE MANUAL/CD LICENSE	1	\$ 128.70	\$ 128.70
824105	SHEEP & GOATS MANUAL/CD LI	1	\$ 128.70	\$ 128.70
C22009N	Tattoo Set FOR SMALL ANIMALS	1	\$ 222.37	\$ 222.37
27258	Thermometer Recorder	1	\$ 33.88	\$ 33.88
1148	Thermometer SMALL ANIMAL	1	\$ 1.72	\$ 1.72
				\$ 6,355.09

**CLEMSON UNIVERSITY AGRISCIENCE LIST**  
**LARGE ANIMAL**

ITEM #	Description	QTY	SALE \$	Total
10989	Animal Implant Gun	1	\$39.33	\$39.33
AG1008B	Artificial Insemination Kit, Cattle- Includes box, rod, thermometer, thaw box, plastic gloves, and boots	1	\$329.30	\$329.30
AG1008A	Artificial Insemination Kits- Meat goats, horses and swine	1	\$243.74	\$243.74
AG1015	Balling Gun for Cattle and Horses- Straight with spring, will take 1/2 and 1 oz. capsules, 17" long	1	\$17.45	\$17.45
AG1022	Blow Dryer, hand held	1	\$48.56	\$48.56
AG1031	Calf Puller- Adjustable strap, ratchet winch, steel shaft	1	\$260.49	\$260.49
AG1143A	Chain- Obstetrical, Handle, Heavily chrome-plated, 30" to 60"	2	\$17.13	\$34.26
AG1053	Clippers, Large Animal Electric - Easy-grip handle, on-off switch, snap out filter screen, 2,500 - 3,000, cutting cycles per minute, fan cooled, hair cutting head and sheep shearing head	1	\$467.67	\$467.67
AG1073	Dehorner, Calf, 2"- Barnes types, tool steel cutting blades, cutting edges on inside permitting operator to cup out horn button, overall length 13"	1	\$20.02	\$20.02
AG1073D	Dehorner, Electric - 320 W, 110 volt, AC, 9 1/2"	1	\$105.48	\$105.48
AG1073A	Dehorner, Large, 17 1/2"- Barnes type, tool steel cutting blades, cutting edges on inside permitting operator to cut out horn button, overall length 17 1/2"	1	\$28.53	\$28.53
AG1073B	Dehorner, Tube , 3/4"- For removing horns on small calves up to about four months old, size number 1, 3/4"	1	\$13.16	\$13.16
AG1073C	Dehorner, Tube 3/4", 7/8", 1"	1	\$37.18	\$37.18
23051	Drench Gun- To dispense a 2 ounce dose, designed so smaller doses may be dispensed by setting dose pin as desired, complete with rubber container and strainer funnel for filling	1	\$107.11	\$107.11
AG1092	Ear Notcher- Designed to cut V-shaped notch in ears of large animals for identification purposes, small size that will notch up to 3/8" to 1/2" deep	2	\$34.92	\$69.84
AG1093	Ear Tag Applicator- Aluminum construction, two handles with spring release	2	\$26.01	\$52.02
18363	Elastrator- Aluminum construction with wire fingers for stretching rings for placement on animal	1	\$265.98	\$265.98
AG1153	Heat Lamp, for swine or other animals	2	\$37.32	\$74.65
12700	Heater- bucket water heater	1	\$50.05	\$50.05
13375N	Hog Holder	1	\$21.49	\$21.49
13649	Hoof Nipper- Double cutting jaws thin enough to cut through hoofs with little effort, suitable for cutting horseshoe nails, 14" long, cushion grip handles	4	\$39.60	\$158.39
81105	Knife, Shearing - made from tool steel. Grooved wood safety handle. 14" blade, 5" handle.	1	\$62.73	\$62.73
C14707N	Measuring Stick- measures up to 76", built in spirit level, for measuring height of cattle and horses	1	\$102.60	\$102.60

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### LARGE ANIMAL

07420	Nose Tongs For cattle	1	\$29.46	\$29.46
C14358N	Pelvimeter- for use in cattle to predict/prevent calving problems	1	\$210.57	\$210.57
16697	Pig Tooth Nipper- Designed to nip any teeth without cutting interior of pig's mouth, hinged spring in handles so instrument may be closed and carried in pocket, cutting jaws of surgical steel, chrome plated	2	\$11.87	\$23.74
LS02798N	Reproductive Tract- preserved, cow	1	\$83.30	\$83.30
09354	Semen Tank- liquid nitrogen not included	1	\$932.36	\$932.36
11498	Shaper, Hoof or Horn- Circular grinder for trimming cattle hooves	2	\$397.15	\$794.31
26354	Shears, Foot Rot - Sharp pointed, double blades. 8 3/4" or 9 3/4" long.	2	\$9.14	\$18.28
00444	Shears, Sheep- Rigged pattern with buck strap, Sheffield steel, level ground, 6 1/2" size	1	\$67.78	\$67.78
15192	Goat Blocking Stand- Designed with adjustable headrest with small chain to secure head. Total size, 19" high x 48 " long x 24" wide	1	\$506.59	\$506.59
STEL004	Show,Box,Cattle/Swine/Sheep- Used to store, transport show supplies	1	\$401.76	\$401.76
07790	Tape, Scrotal Measuring	2	\$28.00	\$56.00
AG1281	Tape, Weight- For cattle and hogs.	4	\$7.89	\$31.57
15512	Tattoo Set- Digit type, with automatic ear releast, tongs to handle 3/8" digits interchangeable and to hold four dies in a row; complete set to include tongs, 3/8" numbers from 0 to 9 and letters, with tattoo ink	2	\$93.67	\$187.33
19255	Thermometer, Large Animal	5	\$2.79	\$13.94
08272	Grooming chute	1	\$985.63	\$985.63
Z04682N	Branding, Freeze numbers set of 9 irons	1	\$224.15	\$224.15
C04974N	Chute with scale, 400 lb cap. For sheep or hogs	1	\$1,111.04	\$1,111.04
Z07289N	Chute with scale, 3000 lb cap. For cows or horses	1	\$10,179.81	\$10,179.81
C00288N	Emasculator, 12 inch	1	\$46.66	\$46.66
AG1260	Soil Test Kit- Reagents and equipment necessary to perform 50 diagnostic tests for the following chemicals: nitrates, phosphorous, potassium, acidity, magnesium, iron, aluminum, calcium, chloride, manganese.	1	\$779.35	\$779.35
AG1259	Soil Sampler, 21"- Draw cut, chormium plated. T-handle of tublar steel.	2	\$67.88	\$135.76
1694	Horse, life-size model Quarter horse	1	\$5,209.28	\$5,209.28
Z09360N	Cow, life-size model Holstein cow	1	\$5,209.28	\$5,209.28
69W7461	Digestive System preserved Horse	1	\$218.79	\$218.79
69W6991	Digestive System perserved Sheep or Goat	1	\$55.77	\$55.77
228421	Fetal Pig perserved, DOUBLE INJECTED		\$25.67	\$0.00
LS03492M	Reproduction System preserved Swine PREGNANT PIG UTERUS	1	\$34.32	\$34.32
HOOF1	Hoof display- horse	1	\$214.50	\$214.50

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LARGE ANIMAL**

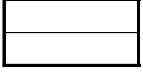
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**CLEMSON UNIVERSITY AGRISCIENCE LIST  
LARGE ANIMAL**



## CLEMSON UNIVERSITY AGRISCIENCE LIST

### AG MECHANICS

ITEM #	Description	QTY	SALE \$	Total
AG1000	Air Compressor - Two stage compressor on 60 gal. tank, 150 psi, 9/5 CFM , pressure switch with air release valve for "load-free" starting, 5 hp motor overload protection; unit complete with belt guard, remote inlet and oil bath air cleaner, with complete hose assembly connect couplings	1	\$713.57	\$713.57
AG1001	Amp Meter, 0-25 amps clamp-on type	1	\$70.31	\$70.31
AG1001A	Antifreeze Tester- Glass tube with five floating balls, rubber bulb on top and rubber hose on bottom of tester, to indicate protection from freezing from 0 degrees to minus 40 degrees	1	\$8.51	\$8.51
AG1009	Arc Welding Booths- Minimum size 48" X 48" X 72" with a see through vinyl fire resistant curtain. (3 panels)	1	\$321.75	\$321.75
AG1018	Battery Tester- Glass tube with four multicolored balls that indicate, by the number of them floating in the battery solution, the state of the battery charge, rubber bulb for drawing the solution into the tube	1	\$7.87	\$7.87
AG1021	Bits, High Speed Twist Drill- 29 fractional bits, 1/16 thru 1/2" by 64ths of an inch	1	\$85.76	\$85.76
AG1026	Brush Duster- Soft Pliable bristles 2 1/2" long set in hardwood block with handle, overall length 14 1/2"	12	\$9.77	\$117.20
4887A2	Brush, Cup Type Carbon Removing - Brush diam. 1 5/8", crimped .013" steel wire looped into hub, 1/4" stem for use in electric drill	1	\$6.38	\$6.38
AG1027	Buckets- Plastic 2 to 5 gallon capacity	10	\$6.65	\$66.50
330052	Builders Calculator	2	\$42.89	\$85.77
AG1030	Cable Ripper- For use in nonmetallic sheathed cable with outside diameter 5/8 inches or smaller	12	\$2.82	\$33.81
AG1032	Caliper, Dial Vernier - 0 to 6 inches, .100" graduation	4	\$37.88	\$151.52
AG1033	Calipers- Inside, 6", screw operated	3	\$19.95	\$59.85
AG1034	Calipers- Outside, 6", screw operated	3	\$19.95	\$59.85
AG1035	Calipers, Inside- "Yankee" spring type, solid nut, legs made from flat stock, hardened fulcrum stud, flexible box spring, 6" size	4	\$26.48	\$105.93
AG1036	Calipers, Outside, 6"- "Yankee" spring type, solid nut, legs made from flat stock, hardened fulcrum stud, flexible box spring, 6" size	4	\$26.86	\$107.42
AG1039	Cartridge Fuse Puller- 1-200 amp	1	\$22.74	\$22.74
AG1040	Cement Edger- Cast aluminum, wooden handle, cuts 2 3/4" X 5 3/4" with 3/8" radius each end.	1	\$7.75	\$7.75
AG1041	Cement Groover- Cast aluminum, both ends curved, wooden handle, cuts 1/2" deep X 3/8" wide	1	\$7.75	\$7.75
AG1046	Chisel, Wood- Set of 1/4", 1/2", 3/4" and 1", polished steel blades	1	\$28.59	\$28.59

**CLEMSON UNIVERSITY AGRISCIENCE LIST**  
**AG MECHANICS**

AG1047	Chisels, Cold Flat- 4 to a set- Alloy steel, hexagon stock, each set to consist of one each of the following sizes: 3/8", 1/2", 3/4" and 1"	1	\$29.33	\$29.33
AG1048	Circuit Test Lamps- 120 volts with GFCI tripulation	6	\$24.12	\$144.74
AG1049	Clamp, "C" - Set of 10", 2 1/2", 4", and 6", sliding pin handle, heat treated acme screw, ball and socket tip, frame made of high grade malleable iron	8	\$27.16	\$217.25
AG1050	Clamp, Welding - Plier type, vise grip, alloy steel, toggle action and positive lock, U-shaped jaws, release lever in handle, jaw width 2 3/4", length 9", jaws adjustable to 1 5/8".	1	\$28.07	\$28.07
AG1051	Cleaners- Tip, oxyacetylene welding	1	\$7.22	\$7.22
AG1055	Combination Square, 12"- Grooved steel blade graduated in eight, sixteenths and thirty seconds on both sides; cast iron head with machined faces and one level glass	6	\$12.81	\$76.88
AG1060	Concrete Finishing (metal) Float- made of very hard magnesium, equipped with smooth wood handle, 16" x 3 1/8"	2	\$24.31	\$48.62
AG1061	Concrete Finishing (wood) Float- Clear seasoned wood, 3/4" thick, 12" x 5", finished smooth and equipped with hardwood handle.	2	\$9.90	\$19.79
AG1063	Conduit Bender- (EMT), One each of 1/2" and 3/4"	1	\$77.88	\$77.88
AG1065	Conduit Bender- Offset, One each of 1/2" and 3/4"	1	\$637.31	\$637.31
AG1066	Continuity Tester- Battery powered.	1	\$4.25	\$4.25
AG1069	Cordless Drill- 3/8" variable speed, reversible, adjustable torque setting with rechargeable battery and charger.	1	\$112.97	\$112.97
AG1072B	Cordless Screwdriver/Nut Driver Bits and Sets- Nut driver and screwdriver bit set includes: #1, #2, #3 Phillips, 6-8, 8-10 and 10-12 slotted screwdriver bits plus 7 nut drivers- 3/16", 1/4", 9/32", 5/16", 11/32", 3/8" and 7/16".	1	\$71.54	\$71.54
AG1079	Disposable Coveralls- Made of Tyvek protects from pesticides, paints and grease. Long sleeves, zipper front, collar, sewn. *As needed.	12	\$6.39	\$76.71
AG1088	Drill, Portable Electric, 1/2"- With piston grip, spade handle and pipe handle; ball and needle bearings; reversible; 450 RPM; 1/2" heavy duty geared chuck; 115 bolt AC/DC; complete with cord and plug; double insulated	1	\$241.67	\$241.67
AG1090	Drill, Portable Electric/Cordless- Heavy duty, 550 RPM no load speed, 3/8" chuck, variable speed, reversible.	1	\$170.17	\$170.17

**CLEMSON UNIVERSITY AGRISCIENCE LIST**  
**AG MECHANICS**

AG1091	Chemical Respirator- For protection against common garden chemicals, insecticide dusts and sprays, to be furnished with 3 easy to replace dust filters and one chemical cartridge and 2 valves, adjustable headband.	2	\$77.65	\$155.30
AG1098	Electric Extension Cords, 50 Ft.- All vinyl, molded on plug and single outlet connector, flat parallel blades, wired with 3 AWG 12 copper conductors	2	\$52.22	\$104.45
AG1099	Electric Motor- 1/2 hp, capacitor start	1	\$211.93	\$211.93
AG1100	Electric Motor- 1/2 hp, split phase	1	\$218.55	\$218.55
AG1103	Electrical Template- Made of .030" plastic, to contain most commonly used electrical symbols arranged for drafting application, size 9" x 5 1/2"	28	\$10.73	\$300.30
7660K11	Electrician's Wire Strippers	12	\$18.96	\$227.54
AG1276	Electronic Tachometer- For use on magneto, battery or solid state ignition systems, measure 0-10,000 rpm.	2	\$62.92	\$125.84
AG1104	Engine Compression Gauge- Designed to fit all cars, quick release, air tight coupling, dial 300 lbs., master stem with 18" long flexible hose and ball grip, to include 1 each 7 1/2" straight stem adapter and 1 each 8" 45 degree offset stem adapter.	2	\$68.33	\$136.65
AG1105	Engine- Gasoline, four-stroke-cycle, 3.5 hp, horizontal crankshaft	1	\$291.72	\$291.72
AG1105A	Engine- Gasoline, four-stroke-cycle, 3.5 hp, vertical crankshaft	1	\$270.27	\$270.27
AG1110	Extension Rules, 12 Ft.- Tape type, chrome plated plastic case with belt clip. Manual operation with spring blade action return. Blade locking device, 3/4" wide blade, graduated in inches on 1/64's.	6	\$12.05	\$72.33
AG1122	Framing Square, 24"- Blued steel, 24" x 2" body with 1/16" and 1/8" graduations on face and 1/16" graduations on back, 16" x 1 1/2" tongue with 1/16" and 1/8" graduations on face and 1/12" and 1/10" graduations on back, rafter tables, brace measure, octagon scale, board measure and 100th scale	4	\$9.80	\$39.18
93136	Gasoline Can, 2 1/2 Gallon- Safety type spout controlled by spring to hold cap closed tightly. Filtered pouring spout. Red with yellow precautionary lettering.	2	\$41.70	\$83.40
93137	Gasoline Can, 5 Gallon Safety Type- Non flashback brass flame arrestor screen, red with yellow precautionary lettering	1	\$48.49	\$48.49
AG1129	Gauge, Screw & Wire- Screw gauge 0 to 30, wire gauge (English Std.) 17 to 0000, wire gauge (Am. Std.) 15 to 0000, spring tempered steel, 4 1/2" long, 1 7/16" wide, polished finish	1	\$12.51	\$12.51

**CLEMSON UNIVERSITY AGRISCIENCE LIST**  
**AG MECHANICS**

AG1130	Gauge, Screw Pitch- V American National and U.S. Standard 60 degree threads, 30 pitches from 6 to 60 threads per inch and 11 1/2 and 27 pipe thread pitches, positive stop	1	\$28.37	\$28.37
AG1131	Gauge, Sheet Metal- US Standard, range 0 to 36, hardened, satin finish	1	\$27.44	\$27.44
AG1132	Gauge, Spark Plug - To contain 8 wires in sizes: .002, .025, .030, .032, .035, .038 and .040 plus electrode bender	1	\$28.59	\$28.59
AG1133	Gauge, Steel Wire- American Steel and Wire Co., range 0 to 36, hardened, satin finish	1	\$27.13	\$27.13
AG1134	Gauge, Thickness- 25 leaves ranging from .002 to .035 inches thick, leaves 1/2" wide and 3 1/16" long, locking device	1	\$16.73	\$16.73
AG1135	Gauge, Tire- For cars and light trucks, calibrated in 1 lb. units to 100 lbs., round head with button to depress valve core, 5 3/4" long	1	\$15.72	\$15.72
2100A29	Gauges, Small Hole- Adjustable to size, hardened contacts, accurate gauging by two point contact, safety stop, approximately 2" long, five to set, one each in the following ranges: .125" to .150", .150" to .200", .200" to .300", .300" to .400", and .400" to .500"	1	\$154.44	\$154.44
2081A9	Gauges, Telescoping- To consist of a handle on a fixed contact within which a contact plunger telescopes under spring tension, contacts are locked by a turn of the knurled screw, five to set: 1/2" to 3/4" to 1 1/4", 1 1/4" to 2 1/8", 2 1/8" to 3 1/2" and 3 1/3" to 6"	1	\$267.41	\$267.41
3765A54	Gear and Wheel Puller- Reversible jaws, up to 6", reach 3 1/4"	1	\$303.30	\$303.30
AG1139	Gloves, Welding - Made of leather, with insulated liner, min. overall length 13" with wide cuff for protection	4	\$13.59	\$54.34
AG1140	Glue Gun- Heat-resistant plastic housing, handle, 110-120 volt, 60 cycle, AC, UL listed	1	\$21.45	\$21.45
1640909	Goggles, Welding - Rubber fixable frame, adjustable headband, ventilated, with 2" x 4 1/4" shade, No. 5 filter plate	4	\$17.15	\$68.58
AG1145	Hacksaw, Adjustable - Nickel plated steel frame, adjustable for 8", 10", or 12" blades, plastic pistol grip handle, complete with one blade	2	\$7.09	\$14.19
AG1147	Hammer- Dead blow, one each 12 and 22 oz.	1	\$110.02	\$110.02
H5849	Hammer, Ball Peen- Set of 4, one each if approximate 12, 16, 24, and 48 oz.; drop forged ally steel, polished face and peen, wood handle	1	\$28.53	\$28.53
AG1148	Hammer, Chipping - Standard duty cone and chisel head brazed to spiral steel handle	3	\$24.54	\$73.62
AG1149	Hammer, Curved Claw, 16 Oz.	6	\$28.57	\$171.43

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AG1150	Hand Saw, Crosscut, 8 Pt.- Hardened and tempered steel blade, taper ground, wood handle, 8 points per inch, 26" blade	1	\$31.12	\$31.12
AG1151	Hand Truck- 1000 lb. capacity	1	\$165.87	\$165.87
AG1156	Hoe, Garden Type- Heavy duty type, 6 1/4 " X 4 3/4" beveled blade, one piece forging	6	\$21.42	\$128.53
AG1154A	Hose Connectors- Quick detachable, bayonet lock type, set to consist of 16 pieces as follows: 8 ea. Connector Valve, 1/4" NPT (female), 8 ea. Connector Stem, 1/4" NPT (female)	1	\$107.54	\$107.54
AG1154	Hose Nozzle- Pistol-grip with automatic shut off, brass valves.	3	\$4.25	\$12.74
AG1155	Hose Reel- Durable poly frame, holds up to 200 ft. of 5/8" diameter hose, 3 ft. connector hose, stationary mount or wheel mount	4	\$57.17	\$228.69
1913751	Hose, Soaker- 75' vinyl construction, one end fitted with female hose swivel adapter, other end with removable end for flushing.	8	\$18.56	\$148.49
AG1157A	Ignition Spark Tester *Landscaping	6	\$13.59	\$81.51
AG1167	Ladder, Fiberglass, Step, 6 Ft.- 300 lb. rating, high strength extended channel rails with slip resistant safety shoe, 6' standing height	1	\$134.42	\$134.42
AG1171	Lawn Mower Blade Balancer	1	\$5.69	\$5.69
AG1173	Leveling Rod- Fiberglass, 16' extended, increments of feet, tenths and hundredths.	1	\$95.78	\$95.78
AG1176	Mallet, Carpenter's Wood - Barrel shaped head 2 1/2" x 3" diameter and 6" long, wood handle	1	\$15.47	\$15.47
AG1180	Micrometer Depth Gauge- Satin-chrom finish on thimble and sleeve, graduated in thousands of an inch, hardened and ground screw and base, ratchet stop and lock nut, range 0" to 3", base length 3", to be furnished with three round rods and contained in wood case	1	\$258.83	\$258.83
AG1181	Micrometer,(set), Outside (0-1", 1"-2",2"-3", 3"-4".)	1	\$803.23	\$803.23
AG1182	Micrometers, Set, Inside Type- Graduated in thousands of an inch, 1 1/2" to 8" range, 5 tubular measuring rods, satin-chrome finish on head, hardened threads, handle for use in reaching deep holes, packed in wooden box.	1	\$314.59	\$314.59
AG1196	Multimeter, Digital, Hand-Held- General purpose model for a wide range of application; high resolution count display; protective holster with flex stand; Voltage AC-DC, Current Amps Ac-DC, Resistance (Ohms) Automatic touch hold; diode test, Audible Continuity beeper. Voltage - AC range 3.2/ 32 / 320 / 600; Dc range 320mV/ 3.2 / 32 / 320 / 600; Current - Amps AC 32m / 320m / 10 Amps DC 32m / 320m / 10; Resistance (Ohms) 320 / 3.2k / 32k / 320k / 3.2m / 32m.	1	\$78.65	\$78.65

## CLEMSON UNIVERSITY AGRISCIENCE LIST

### AG MECHANICS

AG1196A	Multimeter- Volt, Ohm, ammeter	6	\$78.65	\$471.90
AG1201	Oxyacetylene Welding & Cutting Outfit- to consist of torch body; cutting attachment; set welding tips 1/16" to 1/8", 1/8" to 3/16" and 1/4" to 3/8" range; 1 set cutting tips 1/8" to 1/2", 1/4" to 7/8" and 1/2" to 1 1/2" range; 2 stage; 2 stage; 1 25 ft. hose; lighter	1	\$471.89	\$471.89
AG1202	Pick-Up Tool- Designed to position and retrieve small objects, two claw finger that will open to 1", flexible section 8" long, overall length 17 3/4"	1	\$5.72	\$5.72
AG1203	Piston Ring, Compressor, Small Engine - Made especially for small engines, 1 1/2" to 3" diameter pistons, 2" high blue steel compression band, single tension band.	1	\$9.51	\$9.51
AG1205	Pliers, Diagonal Cutting, 8"- Side cutting, keen edged cutters and spring tempered handles, drop forged alloy steel, polished head, insulated and cushioned handles, milled teeth, long nose	14	\$21.51	\$301.10
AG1206	Pliers, Interlocking Channel, 10"- Seven parallel jaw positions up to 2", chrome finish, 10" long	6	\$18.02	\$108.11
AG1207	Pliers, Lineman's, 9"- Side cutting, keen edged cutters and spring tempered handles, drop forged alloy steel, polished head, insulated and cushioned handles, milled teeth	8	\$28.54	\$228.34
AG1208	Pliers, Long Nose, 7"- Long nose with side cutter, natural steel finish with full polish, 7" long	10	\$20.98	\$209.78
AG1209	Pliers, Vise Grip, 10"- Lever action to hold jaws in holding position, quick release for removing pressure, straight jaws, 1 5/8"	1	\$16.10	\$16.10
AG1209A	Plow, Push	1	\$133.35	\$133.35
AG1213	Pressure Washer	1	\$398.97	\$398.97
AG1220	Punch and Chisel (12 pieces)- Set consisting of one each of 1/16", 3/32", 3/16", 1/8" pin punches, 3/8" center punch, 3/8" prick punch, 3/16" x 9" aligning punch, 5/32" x 7" aligning punch, 1/4", 1/2", 5/8" and 3/4" cold chisels,Chrome steel.	1	\$77.63	\$77.63
AG1231	Saw Horse Brackets- For use with standard 2" X 4" lumber, holes for screws and bolts, 500 lb capacity	12	\$14.09	\$169.03
AG1233	Saw, Rip Hand , 12 Pt.- Hardened and tempered steel blade, taper ground, wood handle, 12 points per inch, 26" blade	1	\$31.13	\$31.13
AG1239	Screwdriver, Standard Blade Sets	1	\$29.63	\$29.63
AG1244	Shop Vacuum Cleaner- Industrial type	1	\$205.42	\$205.42
AG1246	Shovel, Round Point D Handle - Heat treated steel blade 9 1/4" X 1/2" with forward turned step. 47" fiberglass handle.	8	\$32.83	\$262.66

## CLEMSON UNIVERSITY AGRISCIENCE LIST

### AG MECHANICS

AG1248	Shovel, Tile Spade Planting- High quality steel with 14" long 5" wide blade, full gusset along backspine with shoulder reinforcement. Fiberglass reinforced D handle.	4	\$53.75	\$215.01
AG1263S	Spark Plug Socket Set- One each 3/4", 5/8" and 13/16" for 3/8 drive	1	\$37.31	\$37.31
AG1267	Sprayer, 2-3 Gallon- Polyethylene tank, brass pump, hose, extension tube and adjustable shoulder strap.	3	\$52.50	\$157.49
062200	Sprayer, Electrostatic - Low volume, hand held, uses water base pesticide mixtures. Three to five gal. capacity. Uses compressed air to spray a charged water mixture.	1	\$3,110.25	\$3,110.25
AG1268	Spreader, Piston Ring - to install piston rings from 3/64" to 1/4" thick, ring opening in jaws of tool and closing handles to expand ring	1	\$16.26	\$16.26
AG1276	Tachometer, Electronic	1	\$62.92	\$62.92
AG1279	Tape, Measuring, 3/4" x 25' - Polished chrome case, togglelock control positioned on front of case, 3/4" wide steel blade on bearing supported nylon spool, black numerals on white background, divided feet and inches to 16ths, foot marks and 16" centers clearly identified.	1	\$19.96	\$19.96
26720	Tapping Tool (Triple)- Used by electricians to cut or clean thread in electrical boxes, lighting fixtures and other thin materials, three sizes in one tool: 6-32, 8-32 and 10-24.	1	\$28.56	\$28.56
4KU81	Test Dial Indicator- Range 0" to .100, universal shank, swiveling tubular body, reversible action, hard chrome plated ratchet contact point, in case.	1	\$63.86	\$63.86
AG1291	Torch, Gas - Alcohol portable	1	\$18.43	\$18.43
36949	Trammel Points- Designed for attaching to straight bar, one point to have socket for pencil, high carbon steel points, nickel plated	1	\$23.32	\$23.32
AG1294	Trouble Lamp- Three-conductor 16 gauge rubber covered cord 25' long, equipped with three-prong grounding plug, contoured rubber handle, swing-open guard with hook, 13 amps, 125 volts	3	\$17.07	\$51.22
AG1295	Trowel, Cementer's - Spring steel blade, smooth turned natural finish wood handle, tang extends through handle, 14" long, 4" wide, 23 gauge	1	\$24.70	\$24.70
AG1296	Trowel, Hand Soil	10	\$31.32	\$313.17
AG1298	Utility Trailer- Two wheel, pneumatic tires, all-steel construction, 17 cu. ft., 1500 lb. capacity, lift-out tail gate.	1	\$257.39	\$257.39



**CLEMSON UNIVERSITY AGRISCIENCE LIST**  
**AG MECHANICS**

AG1229	Vacuum Cleaner, Industrial Type - Dry-wet model, 6 gallon tank mounted on wheels, air flow of 100 CFM; powered by 3 H.P., 120 volt, AC motor, complete with cord and plug.	1	\$57.11	\$57.11
AG1300A	Valve Spring Compressor- Universal type, "C" - clamp, self-locking cam handle, full length threaded screw adjusting post, 7/8" through 2 1/2" spring diameters, 10 1/2" high, 9 1/2" wide; complete with low offset, medium offset and large straight jaws.	3	\$9.51	\$28.53
AG1303	Vise, Machinist- 6" jaws, 6" opening	3	\$100.04	\$300.13
AG1304	Vise, Woodworking, 4" x 10" - Heavy semi-steel castings, solid aluminum handle, continuous screw type, size of jaws 4" x 10", maximum jaw opening 12", dog type front jaw.	4	\$234.38	\$937.51
AG1306	Water Hose- Double-reinforced rubber with permanently attached brass couplings.	4	\$35.72	\$142.89
AG1308	Brush Cutter- Replaceable serrated blade	1	\$22.21	\$22.21
AG1309	Welder- Electric arc, 225 amp. AC, Transformer type, portable with wheels, machine to be furnished with the following accessories: input cable with wall plug, output cables, ground clamp, electrode holder and headshield	1	\$513.67	\$513.67
AG1310	Welder, AC/DC, 225/125 Amps- Transformer type, portable with wheels to increase portability, equipped with welding current selector switch and on-off switch, output ampere range from 40 to 225 AC or 30-125 DC, to operate on 230 volt, 60 cycle, single phase current, input required at 230 volts to be 50 amps.	1	\$781.94	\$781.94
AG1311	Welder's Helmet- Fiberglass, fixed front lens, 4 1/2" x 5 1/4" lens, with floating headgear and sweat band with minimum number 10 shade lens (number 12 preferred)	6	\$31.29	\$187.73
AG1312	Welding Apron- Durable high quality leather constructed	6	\$31.25	\$187.47
AG1313	Welding Cylinder Cart- For standard size cylinders, tubular steel construction, 12" semi-pneumatic tired wheels, complete with chain and tool box	1	\$128.69	\$128.69
AG1314A	Welding Tongs	3	\$118.16	\$354.48
AG1314	Welding Torch Lighters	1	\$3.05	\$3.05
AG1315	Wheelbarrow, Heavy duty	1	\$128.67	\$128.67
AG1317	Wire Brush- All purpose, bent handle, brush part 1" wide and 6" long, overall length 14"	3	\$11.41	\$34.23
AG1318	Wrecking Bar, 18"- Forged from high carbon octagon steel, standard bend, polished point and claw, 18 in. long, 3/4" hex stock	1	\$9.98	\$9.98
AG1320	Wrenches, Hex - "L" shape, long pattern, 14 pcs. ranging in size from .050" to 5/16"	1	\$22.87	\$22.87

## CLEMSON UNIVERSITY AGRISCIENCE LIST AG MECHANICS

AG1321	Wrenches, Hex - "L" shape, long pattern, 9 pcs. ranging in size from 5/64" to 1/4"	1	\$5.02	\$5.02
AG1322	Wrenches, Open End (6) - Hot forged alloy steel, chrome plated, 6 pieces, consisting of one each of the following: 1/4" x 5/16", 3/8" x 7/16", 1/2" x 9/16", 5/8" x 11/16", 3/4" x 13/16", 7/8" x 15/16".	1	\$104.75	\$104.75
399559	Wood Router Set	1	\$343.19	\$343.19
333006	Wood Router Bit Set	1	\$37.17	\$37.17
1NFV2	Rasp	1	\$16.13	\$16.13
12-920	Wood Planes, hand held	1	\$74.93	\$74.93
5Z043	Jointer, 1 1/2 HP 220 Volt Single Phase, Jointing Capacity 1/8 x 8 1/8 Inches, Rabbeting Capacity 1/2 x 8 1/2 Inches, Overall Height 35 1/2 Inches, Overall Length 66 Inches, Overall Width 25 Inches, Bed with 3 Inches Diameter, 3 Blade Cutter	1	\$1,757.47	\$1,757.47
399566	Planer	1	\$614.89	\$614.89
155790	Band Saw	1	\$343.19	\$343.19
6PA56	Saw, Radial Arm	1	\$2,057.77	\$2,057.77
155303	Drill Press	1	\$341.77	\$341.77
164015	Welder, Mig	1	\$2,129.27	\$2,129.27
1646901	Welder, Tig	1	\$2,329.47	\$2,329.47
AG1220D	PVC Cutter	5	\$42.84	\$214.21
2DDF2	Electrical Boxes	40	\$1.39	\$55.48
5C227	Electrical Outlets Plates	40	\$0.86	\$34.32
6A706	Electrical Outlets	40	\$3.58	\$143.00
6X280	Electrical Switches	40	\$1.67	\$66.92
6X739	Electrical Wall Switch Plate	40	\$0.60	\$24.02
	<b>Lapper for mower blades</b>		<b>\$0.00</b>	<b>\$0.00</b>
180254	Rotary Mower lift-type rotary, 6' finish mower 3-pt hitch	1	\$1,714.57	\$1,714.57
2500334	Reel Mower 3 gang	1	\$1,757.47	\$1,757.47
250400	Flail Mower 60", 5 blades, offset 8 1/2 right, 3-pt hitch	1	\$4,075.49	\$4,075.49
AG1224	Laser finder measures yards	1	\$3,212.97	\$3,212.97
CON1062	Concrete Mixer	1	\$1,751.75	\$1,751.75
65935A8	Plasma Arc	1	\$2,859.99	\$2,859.99
167754	Battery Charger	1	\$200.19	\$200.19
142253	Chain Hoist, 6 ton	1	\$370.37	\$370.37
141223	Parts Washer, 40 gal	1	\$213.07	\$213.07
38079	GPS	1	\$428.99	\$428.99
143956	Fence Stretchers	1	\$70.07	\$70.07
3609617	Fence Post Driver	1	\$35.74	\$35.74
				\$49,108.96

ITEM #	Description	QTY	SALE \$	Total
AG1002	Aprons- For use in meats lab	14	\$24.91	\$348.75
AG1010	Autoclave- Chamber size, approximately 7.5" X 15" deep	1	\$2,976.23	\$2,976.23
AG1013	Balance- Electronic, LCD display, reading in grams, pounds and ounces, 2000 gram capacity in increments of 1 gram, full capacity tare, with AC adapter, may be battery operated	6	\$112.61	\$675.68
AG1014	Balance- Triple beam laboratory balance, calibrated to 0.01 g, electronic analytical	2	\$60.06	\$120.12
AG1017	Baster- Nylon, heat-resistant, with measure markings	5	\$1.93	\$9.65
AG1019	Beaker sets- One each of 100 ml, 150 ml, and 250 ml, heat resistant, with lip and pouring spout	30	\$5.93	\$178.04
AG1020	Beaker Tongs	14	\$2.79	\$39.04
706704	Bunsen Burners (for LP gas)	12	\$22.82	\$273.87
AG1042	Centrifuge- Bench top, accommodates standard 10 ml and 15 ml tubes, electric timer, 3400 RPM minimum	1	\$541.97	\$541.97
AG1043	Centrifuge tubes, 10ml & 15ml, autoclavable / DZ	1	\$16.66	\$16.66
AG1080	Dissecting Kit for Zoology, stainless steel with bone splitter and pins	28	\$90.09	\$2,522.52
AG1081	Dissection Kits- standard	12	\$7.72	\$92.66
AG1082	Dissectograms- For frog, fish, and fetal pig. Laminated wall chart	2	\$72.54	\$145.09
AG1083	Disinfecting Trays, with covers	28	\$28.96	\$810.81
AG1085	Draining and Drying Rack- For laboratory glassware, with galvanized metal drain pan, 90 piece capacity, vinyl coated wire racks	2	\$118.69	\$237.38
AG1103C	Electrophoresis Kit, complete DNA Analysis System	1	\$4,859.14	\$4,859.14
AG1107	Erlenmeyer Flasks- 1 Liter, heat resistant	6	\$7.79	\$46.76
AG1108	Erlenmeyer Flasks- 250 mL, heat resistant	10	\$3.00	\$30.03
AG1109	Erlenmeyer Flasks- 500 mL, heat resistant	10	\$4.43	\$44.33
AG1116	Flask Tongs- Stainless steel	5	\$3.93	\$19.66
00831	Forceps- Artery, stainless steel, 5 3/4"	1	\$4.79	\$4.79
AG1137	Gloves, Chemical Resistant	12	\$8.27	\$99.18
AG1141	Goggles, Chemical Splash - Soft frame, single lens, stack strap vents, clear lens, elastic headband. May be worn over glasses. Meets ANSI Spec Z87.1.	28	\$3.43	\$96.10

AG1142	Graduated Cylinder- 50 ml, heat resistant, polypropylene, autoclavable	14	\$4.08	\$57.06
701002	Hot plate, Laboratory Quality, Single Unit Buffet- Single range-type tubular, self-cleaning heating element, 1000 watts, 120V AC	7	\$85.51	\$598.60
SB21186M	Incubators- Teaching unit, complete, for incubating microorganism cultures.	4	\$371.80	\$1,487.20
AG1166	Laboratory Kit for Student Biological Studies	20	\$100.60	\$2,012.01
199768	Laminar Flow Hood, with UV light	1	\$4,075.50	\$4,075.50
AG1179B	Micro-Pipetter- Standard 4" medicine dropper with rubber bulb	1	\$3.72	\$3.72
SB15325M	Microscope Lens- Oil immersion	2	\$10.24	\$20.48
AG1328	Microscope Slides- Glass with cover slips	4	\$6.86	\$27.46
AG1184	Microscope- Stereo, 10X ocular lens, 4X, 10X, and 40X objective lens (par focal), stage with stage clips and iris diaphragm, coarse and fine adjustment, external light source such as 10W gooseneck lamp, removable lens for attachment of oil immersion lens	6	\$682.11	\$4,092.66
AG1185	Microscope, Dissecting - With illuminator, 2X and 4X ratable objectives, adjustable interpupillary distance of 55 to 75 mm, large field of view and working distance	6	\$273.70	\$1,642.21
AG1192	Mortar, pestil, glass	7	\$14.81	\$103.70
214651	Pipetter- 10 ML, 1/10 ml subdivisions	1	\$216.22	\$216.22
000104	Ring Stand Lamps, alcohol burner	1	\$12.73	\$12.73
AG1228	Rubber Stoppers- Laboratory quality, #6	1	\$9.32	\$9.32
AG1236A	Scales, Engineering 12"	1	\$3.50	\$3.50
AG1237D	Scapal, Safety- 10 K, with replacement blades	1	\$3.22	\$3.22
AG1249	Sling Psychrometer- To measure relative humidity	2	\$77.36	\$154.73
190012	Stirring Rods- Polypropylene coated metal, 9mm X 300 mm long	5	\$34.15	\$170.74
AG1269	Stirring Unit- Separate stirring and heating controls, 80-1400 rpm, 120 V	1	\$494.78	\$494.78
AG1270	Stopwatch- Water and impact resistant. Displays hours down to 1/100 seconds. Lanyard and battery included. Digital display.	14	\$24.50	\$342.94
AG1274	Student Labware Kit	20	\$35.32	\$706.42
AG1283	Test Tube Brush- Multifan tip, brush 3", overall 10" (dozen)	1	\$6.01	\$6.01

AG1283A	Test Tube Caps, different colors w/plastic tubes & rack (Set of 50 caps)	1	\$26.83	\$26.83
AG1284	Test Tube Holder- For up to 1" diameter test tubes	12	\$0.79	\$9.44
AG1285	Test Tube Rack- 9 test tube capacity with drying pins Plastic autoclavable	6	\$3.43	\$20.59
AG1286	Test Tubes- Standard 20 X 150 mm (1 Pkg of 72)	1	\$47.69	\$47.69
AG1290	Tongs, Utility- Stainless steel, plastic coated handles, dishwasher safe	6	\$2.46	\$14.76
AG1300	Vacuum Desiccator- Dry seal with sleeve valve	1	\$131.35	\$131.35

\$30,680.31

**CLEMSON UNIVERSITY AGRISCIENCE LIST  
ENVIRONMENTAL AND NATURAL RESOURCE MANAGEMENT**

ITEM #	Description	QTY	SALE \$	Total
AG1000A	Altimeter, Haga - Pistol grip, controlled damp pivot pointer with six scales. Hermetically sealed in durable metal case. Include leather case.	1	\$585.36	\$585.36
AG1008	Aquatic Kick Net	16	\$110.61	\$1,769.77
AG1016	Bark Gauge- Measures bark thickness from 0 to 2" in increments of 1/10". Spring handle covers bit when not in use. Constructed of non-corrosive materials.	2	\$92.44	\$184.87
AG1324	Binoculars- Wide view variable power 40 mm lens. Scratch resistant lens complete with neck strap and carrying case.	6	\$92.94	\$557.61
AG1024	Botany Dissection Set- Stainless steel	20	\$6.08	\$121.55
AG1052	Clinometer- Housing of corrosion resistant lightweight metal, scale supported jeweled bearing assembly, moving parts, immersed in dampening liquid in sealed plastic container. Percent and Topographic scales to read to 150%, □200' at 66' baseline with leather carrying case.	5	\$178.91	\$894.54
AG1056	Compass, Silva Type Ranger- Graduated 0-360 degrees, liquid filled, transparent protractor plate, sighting mirror, declination offsetting device, transparent housing, magnetized needle encased in liquid, engineer's scale in inches and tenths on one side, millimeter scale on other side, 4" X 2 1/2" X 3/4", with case.	10	\$56.99	\$569.86
AG1057	Compass, Staff - Azimuth and Quadrant graduations to one degree with declination adjustment. Needle lock with thumb screw. Folding sights with interchangeable scales. Circular spirit level mounted permanently on compass face. Complete with ball and joint socket and carrying case. (with Jacob's Staff)	1	\$829.37	\$829.37
AG1074	Dibble- For planting container stock. Foot step. 1" to 1 3/4" diameter X 4" to 6" head.	5	\$46.63	\$233.16
AG1136	Global Positioning System, Hand Held Receiver Unit to include attribute labeling of entries, data storage, capable of accepting GPS correction, output format to link to CAD of GIS systems. Accuracy Single fix 15 meter or industry standard. Time of fix position is less than 1 minute. Battery operated Backlit display.	1	\$428.99	\$428.99
AG1152	Hand Lens	20	\$2.07	\$41.47

**CLEMSON UNIVERSITY AGRISCIENCE LIST  
ENVIRONMENTAL AND NATURAL RESOURCE MANAGEMENT**

AG1158	Increment Borer- High quality steel, three thread design, Teflon coated. Will extract .200 inch core. Six to twelve inch length.	1	\$168.90	\$168.90
AG1159	Increment Borer Sharpening Kit- Includes assortment of stones and lubricant with cork.	1	\$39.04	\$39.04
AG1160A	Insect Net- Sweep type	14	\$30.95	\$433.23
AG1168	Land Measuring Wheel- Heavy duty, long distance for agriculture measurement, records up to 100,000 ft. without resetting	1	\$114.40	\$114.40
AG1170	Laser Range finder- Measures yards or meters	1	\$404.50	\$404.50
AG1174	Log Rule- Hickory stock, stainless steel oval head. Scales logs up to 36" diameter. Scribner Decimal C Scale.	5	\$70.00	\$349.99
AG1325A	Plankton Net	1	\$70.36	\$70.36
AG1203C	Planting Bag, Tree - Neoprene coated nylon that is puncture, tear, abrasion and mildrew resistant. Silicon coated stitches at all stress points. Double bottom with stay open corners. Nylon belt with no slip buckles.	5	\$55.26	\$276.28
AG1203D	Planting Bar, Tree- All metal alloy steel construction. Blade and footstep one-piece construction. Flat or pointed blade. 3" to 4" wide, 10" to 12" long blade. Bar 38" to 40" long.	10	\$49.58	\$495.78
AG1215	Prism- English 10 factor, leather case.	5	\$24.27	\$121.34
AG1224	Rangefinder, impulse laser-Distance or height measurements up to 1640'	1	\$3,212.97	\$3,212.97
AG1234	Scale Stick, Tree and Log- Scribner scale designed to measure tree diameter, tree height, board foot volume of trees and board foot volume of logs	5	\$13.74	\$68.71
AG1235	Scale, Fuel Moisture - Universal type meets U.S. Forest Service Spec. 461 to include 10 hour fuel moisture sticks and support bracket	1	\$446.12	\$446.12
AG1237E	Screen Sieve Set	2	\$59.19	\$118.38
AG1240	Seine Net	1	\$18.10	\$18.10
AG1277	Tape, Diameter - Direct reading of diameter , increments in tenths, other side linear in feet 10ths and 100ths.	2	\$55.16	\$110.31
AG1280	Tape, Surveyor's- 100' graduated in 10ths and 100ths, fiberglass or me	1	\$25.98	\$25.98
AG1292	Tree Caliper- Aluminum 24" capacity, graduated inches, and 10ths on both sides.	1	\$177.28	\$177.28

**CLEMSON UNIVERSITY AGRISCIENCE LIST  
ENVIRONMENTAL AND NATURAL RESOURCE MANAGEMENT**

AG1278	Tape, Logger's - Automatic rewind, 75' long. Spring wind automatic in to steel case hardened steel gears. Combination tape feet, 10ths, 100ths, one side. Other side 120" diameter inches, 10ths. Steel tape.	2	\$80.31	\$160.62
AG1293	Tree Injector- Designed with cutting bit on the end of the injector which when thrown through the outer and inner bark or into the inner three will form a pocket into which is released the herbicide mixed with diesel, 1 gal. capacity tube, weight 11 lbs. when empty	1	\$528.66	\$528.66
95230	Waders size 11	4	\$149.88	\$599.51
95227	Waders size 9	2	\$149.88	\$299.76
AG1324B	pH Meter, portable	1	\$123.68	\$123.68
AG1325	pH Tester- Pocket-size meter, waterproof	5	\$81.81	\$409.05
AG1261A	Soluble Salts Tester- Designed to determine total soluble salts contents of soils. Calibrated for greenhouse soils. Accessories to be furnished: 1 ea. Epoxy dip conductivity cell with cell constant of 2.00/cm. 1 ea. Plantinize gold plated nicket electrodes.	1	\$76.36	\$76.36
AG1307	Water Test Laboratory Module Kit- Complete for testing pH, dissolved oxygen, carbon dioxide, nitrates, phosphates, silica, calcium, magnesium, ammonia, chlorine, iron, nitrite, sulfate, sulfide, hardness, etc.	5	\$2,512.51	\$12,562.55
AG1316	Wind Speed Indicator- Turbine suspended on jeweled bearings with rotations sensed by infrared light beam. Four settings include mph, knots, fpm, and mps. Accuracy 3% or 1/10 mph. Range 0-99 mph.	1	\$95.34	\$95.34
35770	Trap, Spring size 1.75, for coyote, beaver, bobcat, etc.	1	\$13.23	\$13.23
WCSET-1	Trap, Egg trap	1	\$22.81	\$22.81
35831	Trap, Conibear size 220 for racoon, skunk, opossums, beaver	1	\$15.37	\$15.37
878100	Soil Test Kits, Rapitest	10	\$18.52	\$185.19
AG1256	Soil Auger	2	\$268.84	\$537.68
S08596N	Wildlife Track ID Kit Vol.1	1	\$177.89	\$177.89
5960-P	Air Quality Test Kit w/ Pump	10	\$1,329.16	\$13,291.56
35846	Deer Jawbone Aging 3D Kit	1	\$39.84	\$39.84
35815	Deer Jawbone Extractor	1	\$16.34	\$16.34
223525	Forest Tree ID Kit	20	\$17.88	\$357.50
ER-22-3616	Wood ID Kit	20	\$83.23	\$1,664.52
454714	Fish ID Guide, freshwater	20	\$34.25	\$684.97
SB16710N	Aquarium, 10 gal. Kit	1	\$118.92	\$118.92
360000	Aquarium, 20 gal. Kit	1	\$330.53	\$330.53



**CLEMSON UNIVERSITY AGRISCIENCE LIST  
ENVIRONMENTAL AND NATURAL RESOURCE MANAGEMENT**

AG1007	Aquarium, 50 gal. Kit	1	\$667.52	\$667.52
	Hunter Education Supplies (DNR)		\$0.00	\$0.00
	Shooting Sports Kit (DNR)		\$0.00	\$0.00
	Archery Kit (DNR)		\$0.00	\$0.00
	Fishing Tackle, assorted (DNR)		\$0.00	\$0.00
	Fishing Rods and Reels, assorted (DNR)		\$0.00	\$0.00
	Boater Safety Supplies (DNR)		\$0.00	\$0.00
49352	Surveyors Record Book	20	\$6.45	\$128.99
SB13439M	Hydrometer	1	\$8.87	\$8.87
184080	Drip Irrigation System, 100 Drop-In bubblers with shut-offs, Up to 700 containers can be watered at a time with a 3/4" water supply	100	\$1.09	\$108.68
10804	Irrigation Pump, 2" Cast Iron Sprinkler Pumps for High-Pressure Systems	1	\$356.07	\$356.07
195946	Chairsaw	1	\$257.39	\$257.39
81273	Pruning Saw, 21" Razor Tooth	5	\$55.16	\$275.78
33816	Shovel, Union heat treated	5	\$29.60	\$148.01
22801	Rake, Field 36"	5	\$63.06	\$315.32
24210	Hard Hat	10	\$6.96	\$69.64
AG1249B	Snake Chaps	2	\$82.04	\$164.08
23533	Chainsaw Chaps 28" length	2	\$109.50	\$218.99
23534	Chainsaw Chaps 32" length	2	\$119.36	\$238.72
23535	Chainsaw Chaps 36" length	2	\$128.23	\$256.46
AG1090B	Drip Touch	1	\$190.15	\$190.15
1067	Soil Formation Kit	1	\$48.05	\$48.05
959848	Rain Gauge	1	\$3.89	\$3.89
AG1287D	Thermometer Indoor/Outdoor	1	\$12.53	\$12.53
89201	Barometer	1	\$59.76	\$59.76
875090	Weather Station	1	\$253.11	\$253.11
AG1219	Pruners, Hand	10	\$14.16	\$141.57
	Jon Boat 15 hp motor	1	\$0.00	\$0.00
77658	Cast Net, 5' radius	1	\$0.00	\$0.00
17050	Chainsaw File Set	1	\$17.15	\$17.15
24981	Personal Floatation Device, USCG approved Type III	3	\$39.27	\$117.80
91340	Wildlife Camera with infrared flash	1	\$603.97	\$603.97
MFGA06	Set of Assorted Wildlife Pelts	1	\$1,250.00	\$1,250.00

\$51,092.55

## CLEMSON UNIVERSITY AGRISCIENCE LIST HORTICULTURE

ITEM #	Description	QTY	SALE \$	Total			
13690	Dust Pesticide Applicator- For gardens fruit trees	1	\$ 1,120.45	\$ 1,120.45			
03889N	Electric Soil Sterilizer- Capacity: 1/2 cu. yd. per sterilization, 4 cu. yd. per 24 hr. period. Electrical: 6 KW, 25 ampere, 240 volts, 60 cycle, single phase, built in thermostat adjustable from 100-200 degrees Fahrenheit.	1	\$ 2,972.97	\$ 2,972.97			
192224	Extension Watering Handle, 24"- Aluminum extension handle to permit watering in hard to reach areas. 3/4 in. diameter with 65 degree bend at male end. Rubber grip on handle.	1	\$ 16.30	\$ 16.30			
AG1112A	Fertilizer Injector- I.P. size 3/4 ", flow rate min./max. 3/12 std. prop 1:100, exterior adjustable.	1	\$ 475.48	\$ 475.48			
AG1119	Fogger Nozzle- Heavy duty, solid brass jets, 1 gal. per. min. capacity.	1	\$ 9.51	\$ 9.51			
AG1163A	Knives, Budding, 6 1/2"- Stationary hand forged blade	1	\$ 19.96	\$ 19.96			
AG1163B	Knives, Grafting, 6 1/2"- Stationary hand forged blade	1	\$ 17.83	\$ 17.83			
52432	Light Garden- 4 tier, 3 tier, lighted, minimum of 4 foot 40 watt florescent bulbs watch tier, approximately 62" high, 49" long and 23" wide, complete with trays and automatic timer	1	\$ 988.42	\$ 988.42			
AG1173B	Light Meter- To measure over a range of 10 to 10,000 foot candles.	1	\$ 359.22	\$ 359.22			
AG1174A	Lopping Shears- Professional grade for heavy duty use. Teflon coated draw cut blades, wooden	1	\$ 61.30	\$ 61.30			
AG1187	Mini Hydroponic Greenhouse	1	\$ 17.88	\$ 17.88			
186175	Mist Propagation/ Time Switch Controlled Unit	1	\$ 1,212.64	\$ 1,212.64			
AG1198	Nozzle, Water Hose- Pistol grip, chrome plated non-corroding zinc body, brass and chrome plated steel parts, plunger and trigger type valve control, lock-on device, filter end	1	\$ 7.11	\$ 7.11			
AG1198B	Nursery Cart	1	\$ 171.59	\$ 171.59			
AG1199	Nursery Spade	1	\$ 87.24	\$ 87.24			
AG1330	Plant Display Cart- 5 tilting shelves, accommodates 1020 flats, 5" nylon or rubber wheels, pivoting front wheels for easy steering, fixed rear wheels, stainless/galvanized steel	1	\$ 1,432.86	\$ 1,432.86			
445026	Plant Tissue Testing Kit	1	\$ 110.80	\$ 110.80			
AG1210	Pole, Pruner	1	\$ 57.17	\$ 57.17			
AG1216A	Propagation Mats- Electric with thermostat	1	\$ 387.46	\$ 387.46			

## CLEMSON UNIVERSITY AGRISCIENCE LIST HORTICULTURE

AG1217	Pruner, Hand	1	\$ 22.85	\$ 22.85			
AG1218	Pruner, Tree - Lightweight aluminum or fiberglass, revolving arm. Teflon blades. Reach increased by additional add-on sections.	1	\$ 55.64	\$ 55.64			
AG1219	Pruning Shears, 8"- Anvil action V-shaped teflon coated blade, steel handles with cushion grips.	1	\$ 14.16	\$ 14.16			
665981	Root Growth Chamber- walls slope inward to view growth of roots, 11" x 19 1/2" x 16 3/4".	1	\$ 247.48	\$ 247.48			
0817001	Siphon Mixer- Sprays plant foods, chemicals and detergents. Connects to faucet and garden hose line. Brass suction tube, stainless steel strainer with backflow preventive check valve.	3	\$37.04	\$111.11			
AG1256	Soil Auger- For tree feeding and soil testing, 2 in. diameter, 40 in. long with 6 in. twist, metal handle.	1	\$ 268.84	\$ 268.84			
4203051	Soil Heating Cable, 240'- Lead-covered Electrical: 115 volts, 400 watts, 3.33 amperes, 60 cycle, single phase, thermostatic control furnished.	1	\$ 423.64	\$ 423.64			
AG1256B	Soil Moisture Meter	1	\$ 14.80	\$ 14.80			
AG1258	Soil Moisture Meter- Instantaneous reading, battery powered with 9 inch probe, battery included	1	\$ 105.35	\$ 105.35			
AG1259	Soil Sampler, 21"- Draw cut, chormium plated. T-handle of tublar steel.	1	\$ 67.88	\$ 67.88			
AG1260	Soil Test Kit- Reagents and equipment necessary to perform 50 diagnostic tests for the following chemicals: nitrates, phosphorous, potassium, acidity, magnesium, iron, aluminum, calcium, chloride, manganese.	1	\$ 750.75	\$ 750.75			
1055	Soil Test Tube (tray of 72 vials)	1	\$ 93.97	\$ 93.97			
AG1261	Soil Thermometers- 20 to 180 degrees F., 4" probe, rust and water proof	1	\$ 9.19	\$ 9.19			
387590	Storage Bin, Soil/Soil Ingredients (SET OF 2)	1	\$ 27.10	\$ 27.10			
AG1297	Turf Plunger- 2 in. diameter core 32 in. long handle with vinyl grips.	1	\$ 37.04	\$ 37.04			
AG1305E	Water Breaker	1	\$ 7.08	\$ 7.08			
AG1179	Measuring Wheel - heavy duty, measures in feet	1	\$ 162.06	\$ 162.06			
60881	Tiller - 8 HP Roto rear tine	1	\$ 1,071.07	\$ 1,071.07			
170450	Shredder - 5 HP chipper/shredder/grinder	1	\$ 1,286.99	\$ 1,286.99			

## CLEMSON UNIVERSITY AGRISCIENCE LIST HORTICULTURE

	Greenhouse - 28' x 48' galvanized frame, polycarbonate covering, evaporative cooler, exhaust fan, gas heater, motorized shutter, power vent, horizontal air flow fans, central panel, benches, mist systems with time clock, electrical and plumbing included	1	\$ -	\$ -			
195946	Chain saw - 16" bar	1	\$ 257.39	\$ 257.39			
188050	Tractor - 30 horsepower (minimum) 40 HP	1	\$18,588.57	\$ 18,588.57			
	Utility Vehicle	1	\$ -	\$ -			
AG1245	Shovels, round point	1	\$ 35.69	\$ 35.69			
AG1211	Post Hold Digger	1	\$ 57.10	\$ 57.10			
43792	Level and Transit						
AG1221	Rake, Garden	1	\$ 21.41	\$ 21.41			
AG1223	Rake, leaf & lawn	1	\$ 24.27	\$ 24.27			
98557	21" rotary mower, 3 1/2 HP	1	\$ 313.17	\$ 313.17			
407520	20" reel mower	1	\$ 198.77	\$ 198.77			
52432	Plant starter - mobile growing stand, 3 light fixture	1	\$ 988.42	\$ 988.42			
AG1171C	Lawn roller - 18" diameter x 24" long, water filled	1	\$ 171.59	\$ 171.59			
AG1308A	Trimmer - brush and briars, gas powered BLADE CONVERSION KIT FOR STRING TRIMMER AG1308B	1	\$ 60.33	\$ 60.33			
39-4600	Direct seeder - templates and plug trays TEMPLATES AND PLUG TRAY NOT INCLUDED IN PRICE	1	\$ 1,116.83	\$ 1,116.83			
WM60-3-XB	Drawing table - 37 1/2" x 60"	1	\$ 357.50	\$ 357.50			
TC2436K	Tracing table - 24" x 36" illuminated	1	\$ 1,251.97	\$ 1,251.97			
	Mat - 6' x 6' w/ pull rope attachment DRAG HARROW 180283 CAN BE TURNED OVER TINES UP FOR A SMOTHER DRAG	1	\$ -	\$ -			
180283	Drag Harrow - 8' tine harrow	1	\$ 813.67	\$ 813.67			
250400	Mower - fail-type 60", 5 Blades, offset 8 1/2 right, 3-Point hitch	1	\$ 4,075.49	\$ 4,075.49			
180254	Mower - 6' heavy duty, lift-type rotary mower, 3-Pt. Finish PTO mower	1	\$ 1,714.57	\$ 1,714.57			
2500334	Mower - 3 gang fairway mower,	1	\$ 1,757.47	\$ 1,757.47			
191162	8" auger power posthole digger POWERHEAD	1	\$ 356.07	\$ 356.07			
19114	8" auger FITS POWERHEAD 191162		\$ 198.77	\$ -			
180260	Spreader - 500# capacity seeder-fertilizer spreader, 3 pt. hitch, PTO driven	1	\$ 713.57	\$ 713.57			
PLSS15	PROLANDSCAPE V15 SINGLE SEAT site license are available	1	\$ 500.00	\$ 500.00			
143320	Top dresser - self propelled requires no PTO, 1800 lbs 40 bushel capacity, to be pulled with ATV or compact tractor.	1	\$ 2,859.99	\$ 2,859.99			

## CLEMSON UNIVERSITY AGRISCIENCE LIST HORTICULTURE

	Verticutter - verticle mower, 18", 7 HP, thatch control, power rake	1	\$	-	\$	-
AG1172	Transit level - Meridian (with tripod rod and target)	1	\$	568.00	\$	568.00
AG1171D	Sweeper - 38" swath, pull type, HD	1	\$	328.89	\$	328.89
80149	Edger / trimmer	1	\$	469.78	\$	469.78
40-7427	Sod Cutter 12" wide	1	\$	2,858.57	\$	2,858.57
20-0374	Irrigator control <b>TURF EZ PRO TIMER W/3 INDEPENDENT PROGRAMS</b>	1	\$	301.73	\$	301.73
5353421	Blower	1	\$	243.09	\$	243.09
81185	Hedge trimmer shears	1	\$	57.20	\$	57.20
401001	Horticoptia	1	\$	85.76	\$	85.76
14040	60 gallon tractor 3pt hitch pto sprayer	1	\$	1,025.72	\$	1,025.72
	Hand Tools wrenches, pliers, hammers, rakes shovels etc <b>SEE BELOW</b>	1	\$	-	\$	-
AG1149	HAMMER, 16 OZ CURVED CLAW	1	\$	22.14	\$	22.14
AG1222	RAKE, GRADING	1	\$	69.30	\$	69.30
AG1238	SCREWDRIVER, ASSORTED FLAT AND PHILLIPS	1	\$	28.57	\$	28.57
AG1247	SHOVEL, SQUARE POINT	1	\$	34.06	\$	34.06
AG1204	PLIERS	1	\$	12.96	\$	12.96
AG1319	WRENCHES, 14 PC SET	1	\$	45.75	\$	45.75
AG1241A	Jack stands <b>PAIR 6 TON</b>	1	\$	55.77	\$	55.77
AG1241	Hydraulic jack <b>FLOOR SERVICE JACK 4 TON</b>	1	\$	213.07	\$	213.07
	Portable power tools saws drills, portaband, grinders, etc Cordless and electrical <b>SEE BELOW</b>	1	\$	-	\$	-
CON079	SAW, PORTABLE BAND SAW	1	\$	447.59	\$	447.59
AG1232	SAW, CIRCULAR	1	\$	184.47	\$	184.47
AG1089	DRILL, ELECTRIC 3/8"	1	\$	85.76	\$	85.76
AG1076	DISC GRINDER	1	\$	271.69	\$	271.69
AG1096	CORDLESS 18V COMBO TOOL SET	1	\$	714.99	\$	714.99
AG1258	meters for trouble shooting irrigation systems <b>SOIL MOISTURE METER</b>	1	\$	14.80	\$	14.80
AG1306	water hoses	1	\$	61.46	\$	61.46
	computers for software	1	\$	-	\$	-
AG1267A	4 gallon back pack sprayers	2	\$	117.83	\$	235.66
AG1045	pesticide cabinet	1	\$	1,558.70	\$	1,558.70
AG1028	flammable liquid cabinets	1	\$	1,122.46	\$	1,122.46
558388	Socket and ratchet tool sets <b>97 PIECE</b>	1	\$	97.23	\$	97.23
AG1112A	Fertilizer injector should be a dosmatic A-30	1	\$	660.95	\$	660.95
232884	dewalt miter saw	1	\$	313.17	\$	313.17
188131	3pt hitch pto roto tiller for the tractor	1	\$	1,571.57	\$	1,571.57
180262	box blade	1	\$	713.57	\$	713.57
2500960	Zero-turn mower <b>60" DECK</b>	1	\$	7,577.57	\$	7,577.57
AG1308B	String Trimmer	1	\$	440.40	\$	440.40
80149	Walk edger	1	\$	469.78	\$	469.78
170539	Backpack blower	1	\$	343.19	\$	343.19
14042	60-gallon pull-type sprayer (boom and hand s	1	\$	1,281.28	\$	1,281.28
2500853	Walk behind core aerator	1	\$	3,716.57	\$	3,716.57

**CLEMSON UNIVERSITY AGRISCIENCE LIST  
HORTICULTURE**

250405	3 point heavy duty core aerator (athletic fields)	1	\$ 2,545.39	\$ 2,545.39			
69038	Walk behind rotary spreader (Lesco and Scot	1	\$ 285.90	\$ 285.90			
41242	Cup cutter	1	\$ 243.10	\$ 243.10			
41251	Cup puller	1	\$ 8.58	\$ 8.58			
41170	Cup setter	1	\$ 54.34	\$ 54.34			
				\$ 81,977.47			