

Equipment / Consumable	Item Number	Animal Science Equipment List		Recommended	Industry Certification*
		E=Equipment (life expectancy 5 or more years) C= Consumable (life expectancy less than 5 years) <i>*Contact Region Agricultural Education office for Industry Certification</i>			
E	1	Animal Implant Gun		1	1
E	2	Aprons- For use in meats lab-protection		2	0
E	3	Aquaculture System- includes tank with drain, filter solids system, bio-filter system, pump, airstone		1	0
E	4	Aquaculture Test Kit- To furnish all materials for pond fish culture testing. Unit to be supplied with lab ware, sampling bottle, and reagents for 50 tests of each factor.		1	0
E	5	Aquaculture Unit- Complete closed loop system		1	0
E	6	Aquariums- 50 gallon or larger observation and holding units, complete kits		1	0
E	7	Aquatic Kick Net		1	0
E	8	Artificial Insemination Kit, Cattle- Includes box, rod, straw cutter, sheaths, thermometer, thaw box, plastic gloves, and boots		1	1
E	9	Artificial Insemination Kits- Meat goats, horses and swine		1	1
E	10	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		1	0
E	11	Balling Gun for Cattle, Horses & Goats - Straight with spring, will take 1/2 and 1 oz. capsules, 17" long		1	1
E	12	Blow Dryer, Portable, Livestock- 115 volt, heater, minimum 3/4 H.P. motor, 10 ft. hose, shoulder strap		1	1
E	13	Branding Irons, Freeze- set 0-8, 5 inches height		1	1
E	14	Branding Irons, Paint, Aluminum, 4", 0-9		1	1
E	15	Breed Charts- Cattle, Swine, Horses, Sheep, Goats, Poultry, Dairy		1	1
E	16	Brooder, Electric- For use with baby chicks		1	1
C	17	Brush, Rice Root- 6" wooden handle		2	1
C	18	Buckets- Plastic 2 to 5 gallon capacity		2	1
E	19	Calf Puller- Adjustable strap, ratchet winch, steel shaft		1	1
E	20	Cattle Show Stick- Fiberglass, steel or aluminum		2	1
E	21	Chain- Obstetrical, Handle, Heavily chrome-plated, 30" to 60"		1	1
E	22	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.		1	1
E	23	Chute, Cattle Squeeze- Portable, includes wheels and tongue		1	0
E	24	Clipper, Electric Small Animal - Detachable cutting head, ribbed bakelite housing, shock proof, length 7 1/2", diameter 1 3/4", to operate on 115 volts AC or DC, complete with cord and plug		1	1
E	25	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	1
C	26	Comb, Scotch- 9" or 6" metal comb with wooden or metal handle, fiberglass tooth		2	1
E	27	Computer Printer, color		1	1
E	28	Computer, Desktop or Tower Configuration, IBM compatible or Macintosh		8	8
E	29	Cooler- 60 qt. capacity with refreeze bottle in lid or as horizontal divider in chest. Folding handles 17" wide 16 3/8 " high, 25" long.		2	1
E	30	Cutting Board, extra strength poly type, dishwasher safe, 7" X 14" minimum		1	1
E	31	Dehorner, Calf, 2"- Barnes types, tool steel cutting blades, cutting edges on inside permitting operator to cup out horn button, overall length 12"		1	1
E	32	Dehorner, Electric - 320 W, 110 volt, AC, 9 1/2"		1	1
E	33	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	1
E	34	Dehorner, Tube , 3/4"- For removing horns on small calves up to about four months old, size number 2, 3/4"		1	1
E	35	Dehorner, Tube, 7/8", 1", 1 1/8"		1	1

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E	36	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	1
E	37	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		1	1
E	38	Ear Tag Applicator- Aluminum construction, two handles with spring release		2	2
E	39	Ear tag remover		1	1
E	40	Egg Candling Light- High and low intensity light, 32 candle power, 110 volt AC		1	1
E	41	Egg Incubator- Still air, constant temperature, constant humidity, including thermometer and thermostat, 110 volt AC		1	1
E	42	Elastrator- Aluminum construction with wire fingers for stretching rings for placement on animal		1	1
E	43	Electric Extension Cord- Heavy duty, three conductor, single outlet, No. 12 wire, Type JFT, 125 volts, 15 amp., 50 ft. and/or 100 ft. long, complete with male and female plugs, GFCI protected		4	2
E	44	Electric Extension Cords, 50 Ft.- All vinyl, molded on plug and single outlet connector, flat parallel blades, wired with 3 AWG 12 copper conductors		4	4
E	45	Emergency Eye Wash Station- Flash flood, lightweight unit, can be hung anywhere in shops, no plumbing required. Completely self contained, includes one gallon container of special solution		1	1
E	46	Eye Wash Bottle- Portable 16 oz. capacity with eye cup, air vent and drain tube		1	1
E	47	Fans, Hanging- 24" with hanging bracket, industrial grade and 36" fan		2	0
E	48	Farrowing crate for swine		1	0
E	49	Feed Pan- Plastic or rubber, 4-6 gallon capacity		4	2
E	50	Fence Stretcher, Wire- Clamp to accommodate 50" fence and can be used with tractor, can also handle barbed wire, must test 5000 lbs. pull, chain type heavy duty hoist		1	1
E	51	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.		1	1
E	52	Forage Moisture Meter		1	1
E	53	Forage Sampler		1	1
E	54	Forceps- Artery, stainless steel, 5 3/4"		2	1
E	55	Fork, Manure- 13" X 15" X 52", 18 tines		2	1
E	56	Fork, Manure- Straight ash handle 52 in. long, 5-12 1/2 in. oval tines, 9 1/2 in. width.		2	2
E	57	Fork, Pitch- 12" wide with 6 prongs; 4 foot handle		1	1
E	58	Freezer- Chest or upright, 15 cubic foot capacity minimum, for storage of non-eatable laboratory consumables		1	0
E	59	Generator, Portable- 8000 w, 120/240 volt output		1	0
E	60	Gloves, Chemical Resistant		12	12
E	61	Gloves, Steel Reinforced- for use cutting meats		1	1
E	62	Grinder, Electric Meat		1	0
E	63	Grinder, Hand Meat		1	1
E	64	Grooming Chute- Fully portable, 1 3/4" - 2", metal construction (pipe or square tubing) 76" long, 31" wide and 72" high, wood floor		1	1
C	65	Guards, Clipper- plastic, clip on No. 2, plucking blades		4	2
C	66	Halter, Rope- 1/2" X 13 ft.		4	2
E	67	Hand Truck- 1000 lb. capacity		1	1
E	68	Heat Lamp, for swine or other animals		5	1
E	69	Heater- bucket water heater		5	1
E	70	Hog Holder		1	1
E	71	Hoof Nipper- Double cutting jaws thin enough to cut through hoofs with little effort, suitable for cutting horseshoe nails, 14" long, cushion grip handles		1	1
E	72	Hose Nozzle- Pistol-grip with automatic shut off, brass valves. Chrome plated.		1	1

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E	73	Knife, Left Hand Hoof		1	1
E	74	Knife, Right Hand Hoof- Burdizzo pattern, high grade steel blade, polished hardwood handle, 3" x 3/8" blade size		2	1
E	75	Knives, Meat Cutting		2	0
E	76	Knives, Paring- 3" blade, dishwasher safe, stainless steel		14	0
E	77	Laboratory Safety Chart for Animal Science- Approximately 36" X 36"		1	1
E	78	Laboratory Techniques Chart Animals- Approximately 36" X 36"		1	1
E	79	Livestock Trailer- equipped with electric brakes and lights		1	0
E	80	Loin Eye Grid, USDA		2	1
E	81	Mats, Rubber, 3/8" thick 36" wide, length variable- use for bedding cattle at shows, clipping mats		4	1
E	82	Meat Cutting Board- Wood or plastic		1	1
E	83	Meat Quality Grading Cards (Set)- USDA		1	1
E	84	Micro Video Projector, for use with microscope		1	0
E	85	Microscope, Dissecting - With illuminator, 2X and 4X ratable objectives, adjustable interpupillary distance of 55 to 75 mm, large field of view and working distance		4	1
C	86	Neck Ties, Rope- 1/2" X 12 ft		4	2
E	87	Nose Tongs For cattle		1	1
E	88	Pelvimeter- for use in cattle to predict/prevent calving problems		1	1
E	89	pH Meter, portable		1	1
E	90	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		1	1
E	91	Plain Emasculator- Made from surgical steel, removable wing nut disassemble and cleaning and also for adjusting blades, chrome plated and polished, not to have double crushing blade		1	1
E	92	Plastic Models- cattle, horses, swine, sheep, 8" x 12"		1	1
E	93	Poultry cages- for holding birds 2'X2'		4	4
E	94	Refrigerator- 20 Cubic foot capacity minimum, with freezer compartment, for storage of non-eatable laboratory consumables		1	0
E	95	Reproductive Teaching Models- Including cow, chicken and swine		1	1
E	96	Reproductive Tract- preserved, cow		1	1
E	97	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.		1	1
E	98	Safety Glasses- 1 per each student, safety glasses which meet ASAE standards		28	28
E	99	Scale- Livestock, portable, beam type or electronic, sliding gate, or holding pen, 500 lb. capacity for swine and sheep		1	0
E	100	Scales, Portable Livestock - with holding pen, wheels and towing mechanism. Scale capacity of 3000 lbs., platform 3 ft. x 8 ft.		1	0
E	101	Scapal, Safety- 10 K, with replacement blades		5	5
E	102	Screwdriver - Assorted set (flat/phillips)		1	1
E	103	Screwdriver, Standard Blade Sets		1	1
E	104	Semen Tank- Complete with liquid nitrogen and management equipment.		1	1
E	105	Shaper, Hoof or Horn- Circular grinder for trimming cattle hooves		1	1
E	106	Shears, Foot Rot - Sharp pointed, double blades. 8 3/4" or 9 3/4" long.		2	2
E	107	Sheep Blocking Stand- Designed with adjustable headrest with small chain to secure head.		1	0
E	108	Sheep Card- Straight tooth or bent wire, sizes #1 through 9		1	0
E	109	Show Stick- Stick for use showing hogs		2	1
E	110	Show,Box,Cattle/Swine/Sheep- Used to store, transport show supplies		1	0
E	111	Surge Protector		1	1

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C	112	Syringe, Vet- 20 cc and 10 cc	10	10
E	113	Table, Hoof Trimming, Cattle Portable	1	0
E	114	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 indentified.	2	1
E	115	Tape, Scrotal, Measuring	1	1
E	116	Tape, Weight- For cattle and hogs.	1	1
E	117	Tattoo Set- Digit type, with automatic ear releast, tongs to handle 1/4" and 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 letter, with tattoo ink	1	1
E	118	Thermometer, Meat- 6.75"L, recommended by National Livestock and Meat Board, Fahrenheit and Celsius scales, alcohol	1	1
E	119	Thermometer, Veterinary, alcohol	2	1
C	120	Water Hose- Double-reinforced rubber with permanently attached brass couplings.	2	2
E	121	Wool Grading Kit- Seven samples	1	0