



**PRICE LIST OF USDA FRESH PRODUCTS BRANCH
INSPECTION EQUIPMENT AND MISCELLANEOUS ITEMS
JANUARY 2009**

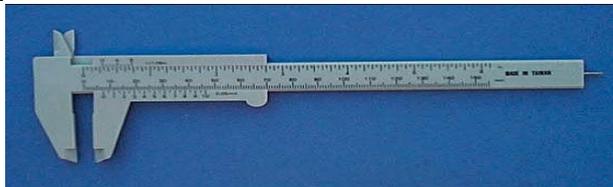


To order any item on this list, complete the attached [order form](#) and fax to 916-332-4572. Shipping and handling costs will be added. Prices are subject to change. If you have any questions, contact:

ALEXIA HURDAKIS
USDA, AMS, F&V, Fresh Products Branch
Equipment and Forms Depot
3355 Myrtle Avenue, Suite 240
North Highlands, CA 95660
Phone 916-332-4566 or 650-552-9073 * Fax 916-332-4572

All pressure testers, refractometers, scales, sizers and thermometers meet USDA specifications

Item	Description	Unit Price
Caliper I	6" adjustable plastic, jaw length 1 1/2", 1mm and 1/16" graduations.	\$3.00



Caliper II	6" adjustable plastic composite, jaw length 3 1/8", one fixed, one sliding jaw with brass tightening screw. Inch scale. 1/16" graduation and cm scale. USDA logo silk screened on fixed jaw.	\$24.00
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Nut/bolt set, caliper II	Replacement nut/bolt set (stainless steel, solid brass) for caliper II above	\$3.00
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Caliper III	12" aluminum Kemper, for accurate inside or outside measuring.	\$12.00
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Item	Description	Unit Price
Caliper, digital	Mitutoyo Model 500-196, CD-6" CS. Electronic LCD display, measuring range 0-6 inches (0-150mm). On/off switch, zero switch, in/mm switch, origin button. Includes silver oxide battery (SR44 1.5V), approximate life is 3 1/2 years, plastic carrying case and instructions. Specifications—Resolution: 0.01mm/0.0005"; Accuracy: +/-0.02mm/ +/-0.001"; Repeatability: 0.001mm/0.0005".	\$145.00
		
Battery, digital caliper	Replacement battery for Mitutoyo digital caliper above (SR44/357)	\$2.00
Crate opener	Metal hammer and nail puller/band cutter at opposite end, 8" long	\$20.00
		
Diameter gauge	Also known as a scar gauge. Clear plastic gauge with 15 diameter circles from 3/32" to 1 7/8" and a 6" ruler on one edge.	\$3.00
Harvest bag	Fiskars 2-in-1 mesh with handles and easy-to-adjust wide strap to use as both a shoulder bag and a waist harvest bag. Bag is 16" deep and 9" in diameter.	\$20.00
		
Knife I	4 3/4" long with single retractable 3 3/4" blade (Schrade razor stainless blade) and white plastic handle engraved with USDA AMS FPR	\$26.00
Knife II	5 1/2" long with single retractable 4 3/4" blade (Schrade razor stainless blade) and white plastic handle engraved with USDA AMS FPR	\$29.00

Item	Description	Unit Price
Knife III, watermelon	12" long, stain-free, high carbon steel blade with easy-grip plastic handle for cutting watermelons. Includes plastic safety edge guard.	\$46.00
Edge guard, knife III	Replacement plastic safety edge guard for knife III above	\$5.00
Pressure tester I	Penetrometer—Model FT10 fruit pressure tester with peeler, one plunger measuring 5/16", splash plate and hook for testing calibration. Includes plastic case. Application/use peaches, melons, citrus and soft fruits.	\$240.00
Pressure tester II	Penetrometer—Model FT30 fruit pressure tester with peeler, two plungers measuring 5/16" and 7/16", splash plate and hook for testing calibration. Includes plastic case. Application/use apples, pears, kiwi and firm fruits.	\$240.00



Fruit peeler, pressure tester	Replacement fruit peeler for pressure testers above	\$20.00
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Refractometer	ATAGO Master-Alpha, water resistant, streamlined body, comfortable grip and rich carbon/fiber texture. Has automatic temperature compensation feature which allows for accurate measurements. Has 10° to 30° C compensation range, Brix 0.2% minimum scale, Brix 0.0 to 32.0% measurement range and Brix +/- 0.2% accuracy	\$350.00
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SCALES

2-lb capacity scale	Chatillon barrel, 1/2 oz graduation	\$75.00
4-lb capacity scale	Chatillon barrel, 1 oz graduation	\$75.00
6-lb capacity scale	Chatillon barrel, 1 oz graduation	\$75.00
25-lb capacity scale	Chatillon barrel, 4 oz graduation	\$75.00
60-lb capacity scale	Chatillon barrel, 8 oz graduation	\$135.00



Item	Description	Unit Price
32-oz capacity scale	Accu-Weigh dial tabletop, 1/8 oz graduation, Mod. M-28PK with dashpot. Dimensions: Top 7 1/2"x7 1/2", base 7 1/4"x10 7/8", height 10 1/2"	\$150.00



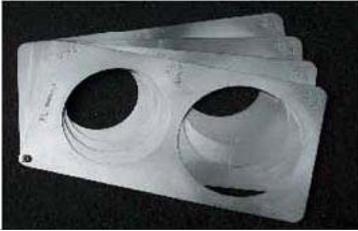
70-lb capacity scale	Accu-Weigh dial platform, 4 oz graduation, Mod. M-74PK. Dimensions: Top 9 3/4"x9 3/4", base 8 1/2"x11 1/4", height 10 1/2"	\$200.00
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5-lb capacity scale	Pelouze electronic digital, Model SP5. Large, easy-to-read LCD digital readout. Weighs in 0.1 oz/1 gm increments (5 lb/2.2 kilogram capacity). Features tare weight and auto-off. Uses 9-volt battery (not included). Scale dimensions: 6" x 9 1/2" x 1 3/4"; platform dimension 6".	\$57.00
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SIZERS (Plastic)

California cherry sizer	California Dept. of Food and Agriculture, revised 1997, black plastic, with measurement for 3/8" and 12 diameters: 84/64; 79/64; 9 Row 75/64; 9 1/2 Row 71/64; 10 Row 67/64; 10 1/2 Row 64/64; 11 Row 61/64; 11 1/2 Row 57/64; 12 Row 54/64; 12 1/2 Row 51/64; 13 Row 48/64; and 14 Row 46/64	\$12.00
Washington cherry sizer	Washington Dept. of Agriculture, blue plastic, with 11 diameters: 9, 9 1/2, 10, 10 1/2, 11, 11 1/2 and 12 row diameters and 48/64", 52/64", 11/16" and 11/8"	\$12.00
Cranberry sizer	USDA, 2001, green plastic, with 6 diameters: 9/32", 13/32", 14/32", 18/32", 20/32" and 22/32"	\$10.00

Item	Description	Unit Price
SIZERS (Metal)		
General purpose sizer	6-blade set, aluminum or better alloy; screw and lock nut fastened (4" long and wide, 1/2" thick, blades minimum 0.060" thick) Each blade stamped with sizes and USDA: Blade 1 - 7/8", 1 3/4", 1 7/8"; Blade 2 - 3/4", 1 1/2", 2"; Blade 3 - 3/16", 1 1/4", 2 1/4"; Blade 4 - 1/8", 1", 2 1/2"; Blade 5 - 3/8", 5/8", 2 3/4"; Blade 6 - 1/4", 1/2", 3"	\$66.00
		
Grape sizer	7-blade set, anodized aluminum, on split ring, 9/16, 10/16, 11/16, 12/16, 13/16, 14/16 and 15/16 inch diameters. Each blade stamped with measurement. First blade stamped USDA.	\$66.00
		
Florida grapefruit sizer	4-blade set, aluminum or better alloy; screw and lock nut fastened (12 1/2" long, 6 1/2" wide, 5/8" thick; individual blades minimum 0.07" thick) Stamped USDA and with these sizes: Blade 1 - Sizes 23 and 18 (4 25/32", 5 9/32"); Blade 2 - Sizes 32 and 27 (4 1/4", 4 9/16"); Blade 3 - Sizes 40 and 36 (3 15/16", 4 1/8"); Blade 4 - Sizes 56 and 48	\$90.00
		
Potato, special sizer	4x4 single blade, aluminum or better alloy with three diameters: 3/4", 1" and 1 5/8". Stamped with measurements and USDA. Special order	\$20.00

Item	Description	Unit Price
Potato/onion sizer	5-blade set, aluminum or better alloy; screw and lock nut fastened (7 1/2" long, 5" wide, 1/2" thick; individual blades minimum 0.060" thick) Stamped USDA and with these sizes: Blade 1 - 2 3/4", 3"; Blade 2 - 1", 2 1/2", 3 1/4"; Blade 3 - 1 1/4", 2 1/4", 3 1/2"; Blade 4 - 1 3/4", 1 7/8",	\$80.00
USDA tomato sizer	4-blade set, aluminum or better alloy, screw and lock nut fastened (7 1/2" long, 4" wide, 1/4" thick; individual blades minimum 0.060" thick) Stamped USDA and individual blades stamped as follows: Small 2 4/32" - 2 9/32"; Medium 2 8/32" - 2 17/32"; Large 2 16/32" - 2 25/32"; Extra Large 2 24/32"	\$55.00
Florida tomato sizer	3-blade set, aluminum or better alloy; screw and lock nut fastened (first blade 4" by 4"; blades 2 and 3 7 1/2" long, 4" wide; set 1/4" thick; individual blades minimum 0.060" thick) Set arranged as follows: Blade 1, 5 x 6, 2 25/32"; Blade 2, 6 x 6, 2 17/32" and 2 29/32"; Blade 3, 6 x 7, 2 9/32" and 2 19/32". Each blade stamped FL TOM sizer and USDA 2000	\$40.00



Item	Description	Unit Price
Individual sizing blades (1/16" thick)	1 1/4", 1 1/2", 1 5/8", 1 3/4" or 1 7/8" (4"x 4" single blade)	\$10.00
	blade)	\$11.00
	3" or 3 1/8" (4"x 5" single blade)	\$12.00
	3 1/4", 3 1/2", 3 3/4", 3 7/8" or 4" (5"x 6" single blade)	\$13.00
	4 1/4", 4 1/2", 4 3/4" or 5" (6"x 7" single blade)	\$14.00
	5 1/4" or 5 1/2" (7"x 8" single blade)	\$15.00

THERMOMETER

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Digital thermometer	Taylor 1" pocket, Model 9842, waterproof, instant read, with stainless steel heavy duty stem, on/off buttons and carrying case. Automatic shut off after 10 minutes if there is no change in temperature. Includes alkaline battery (LR44 1.5V). Recalibratable with a range of -40° to 450°F.	\$16.00
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Battery, 9842 thermometer	Replacement battery (LR44/357) for Taylor 9842 digital thermometer above	\$2.00
Glass thermometer, testing	0° to 120°F, red spirit-filled, whiteback, 1° divisions, 12" long, 3" partial immersion and guaranteed for accuracy to ± one scale division and within National Institute of Standards and Technology (NIST) tolerances. Includes open face armor and protective carrying case. Use as control to test the accuracy of digital thermometers. Thermometer is filled with nonhazardous mineral spirits and contains no lead, mercury or other substances exceeding tolerances established by the FDA.	\$100.00

MISCELLANEOUS EQUIPMENT

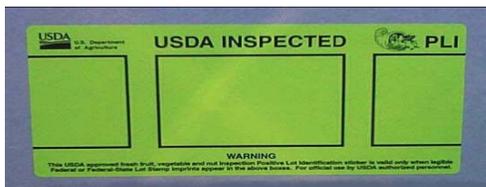
Apple corer	All-purpose corer with peeler and a pointed, serrated blade which cuts a 3/4" diameter core.	\$5.00
Apple color guide	Revised August 2002-Official Visual Aids for Apples (AP-CC-1 A through E). Includes minimum good shade of striped red color, minimum compensating color and not to be considered as a color for (A) Red Delicious, Empire and Red Rome; (B) Winesap and Rome; (C) Delicious; (D) McIntosh and Cortland; and (E) Jonathan, Idared, Stayman and York.	\$36.00

Item	Description	Unit Price
Garlic press I	Plastic-hinged press, 3/4" deep with 1" wide press/strain basin with self-cleaning feature on handle.	\$4.00
Garlic press II	Metal-hinged press, 7/8" deep with 1 1/2" oval press/strain basin and removable screen for easy cleaning.	\$9.00
Grading table	USDA inspection table, minimum 0.090" aluminum. Table has a lamp, locking swivel and rigid casters, tubestand with hook for hanging scale, a shelf that will hold up to 200 lbs., rod to hang sorting bags and a storage compartment. Approximate dimensions: 32" wide x 52" long x 36" high; weighs approximately 99 pounds. Assembly required. Shipped FOB origin. Grading tables are manufactured when a minimum of 30 orders are in hand. Interested parties should contact the Depot to be included on the waiting list (presently 20).	Priced when manufactured



Metal check weights (pounds) <i>cast iron, painted</i>	Set of 1, 2, 5, 10 and 25 pounds	\$450.00
	1-pound check weight	\$60.00
	2-pound check weight	\$65.00
	5-pound check weight	\$75.00
	10-pound check weight	\$100.00
	25-pound check weight	\$150.00
Metal check weights (grams) <i>stainless steel cylindrical</i>	Set of 50, 100 and 200 grams	\$115.00
	50-gram check weight	\$34.00
	100-gram check weight	\$39.00
	200-gram check weight	\$42.00
Peanut trier	Nickel-plated steel, 13" long. Outside diameter is 1 1/2" at large end; slot is 7 3/8" long with a top slot width of 1 1/4" tapering down to 1/4". Includes a protective sheath.	\$125.00

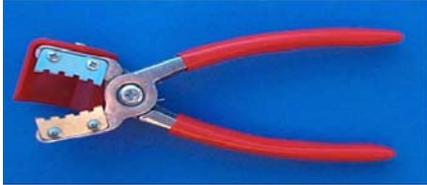
Item	Description	Unit Price
Positive Lot Identification (PLI) stickers	8" by 4" sticker, fluorescent chartreuse color with nonreleasing adhesive. Sticker has rounded corners and 1/8" spacing between stickers. Roll has 500 stickers; 10 rolls per carton. Order number of rolls or cartons (10 rolls each) needed. Discount available for larger quantities. Call 916-332-4566 for pricing schedule.	\$30.00 per roll



PLI tape	Preprinted USDA cornucopia on white PVC, 2" x 55 yds with 12" repeat lettering; 36 rolls per carton. Order number of rolls or cartons (36 rolls each) needed.	\$7.00 per roll
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PLI tape dispenser	Pistol grip with adjustable braking mechanism for fast, one-hand dispensing of PLI tape on pallets and packages	\$10.00
Potato color book	Revised May 1998-Official Visual Aids for Potatoes (POT-L-1). Includes 143 lithograph photos of basic requirements for potatoes and identification and classification of various disorders and defects. Three-ring vinyl notebook; 11 1/2" long, 10" wide, 1 1/2" thick. Includes updated pages 31 and 32 shipped from Fredericksburg, VA.	\$150.00
Potatoes, Frozen French Fried Color Standards	USDA Color Standards for Frozen French Fried Potatoes, Fifth Edition, 2007, Munsell Color, Baltimore, MD. Folder with three different style cuts of french fried potatoes and a series of colors depicting changes that occur from the frying process. Screen color classes illustrate USDA No. 000, 00, 0, 1, 2, 3 and 4.	\$36.00
Quick Reference Manual	Revised June 2008—Six-ring vinyl notebook, includes a diameter gauge. Designed for on-the-job use by USDA market inspectors. Contains information pertaining to size, quality and condition. Also includes tolerances for most commonly used grades and assorted helpful hints, such as average freezing point and storage requirements for selected commodities. Dimensions: Height 7 1/4", width 4 1/2", thickness 1".	\$100.00

Item	Description	Unit Price
Snips	Midwest P6717S with hot drop-forged molybdenum alloy tool steel straight cut, unbreakable blades. Accurately controlled heat treating assures longer lasting cutting edge. Top and bottom serrated blades are designed to grip metal for easier, even cutting. Cuts 18 gauge and lighter sheet metal with a cutting length capacity of 1 3/8". Polished finish. Spring lasts for lifetime of snip. Snips have a center pivot adjustment bolt, a soft copolymer ergonomic grip for cutting comfort and a safety latch. Measures 9 3/4" long and weighs 14 oz. Made in USA.	\$20.00
Texan nut sheller	Easy to use aluminum, with red vinyl covered handles and nut holder. Dual blades clip off the ends and sides of the nut, keeping most of the nut kernel whole and outside of the cutting jaws. Use to shell pecans, Brazil nuts, walnuts, filberts, almonds and other nuts.	\$10.00
		
Texan nut sheller replacement kit	Two replacement blades and spring for Texan nut sheller.	\$5.00
Tomato color chart	Color chart for classification requirements of surface color for tomatoes described as green, breakers, turning, pink, light red and red. (February 1975) USDA Visual Aid TM-L-1	\$12.00
Walnut color chart	Pictorial reference for classifying walnut kernels with U.S. Standards for grades of shelled walnuts and walnuts in the shell (1967)	\$12.00
Watermelon coring probe	Coring probe made of 7/8" PVC tubing with a 3/8" serrated cutting tip to take watermelon plug samples up to 20" long. Has protective cover for serrated cutting tip and measures 28" long with 5" rubberized grip and 6 1/2" inner tube handle. Coring probe measures 48" long when inner tube handle is fully extended.	\$35.00
VISUAL AIDS		
Cherry, sour color comparator	Color comparator for red sour cherries for manufacture minimum color U.S. No. 1 (June 1999) USDA Visual Aid PL-1-RSP	\$6.00
Cherry, sweet color comparator	Color comparator for sweet cherries minimum color for bings and other similar varieties (March 1999) USDA Visual Aid PL-1	\$6.00

Item	Description	Unit Price
Cucumber color comparator	Color comparator for cucumber medium green (April 1999) USDA Visual Aid CC-1	\$6.00
Lime color comparator	Color comparator for Persian limes, minimum color considered "good green" (July 2000) USDA Visual Aid LIM-CC-1	\$6.00
Onion I color comparator	Color comparator for BGG onions, dark green and light to medium green (Sept 01) USDA Visual Aid ONS-CC-1	\$6.00
Onion II color comparator	Color comparator for Northern onions, medium green (Sept 01) USDA Visual Aid ONS-CC-2	\$6.00
Peanut I color comparator	Color comparator for brown, gray, blue-gray and purple skin discoloration on peanuts (Revised 1983) USDA Visual Aid PN-1	\$12.00
Peanut II visual aid	Visual aid for purple flesh discoloration, maximum allowed before minor (July 2000) USDA Visual Aid PNT-CP-9	\$6.00
Peanut III visual aid	Visual aid for green flesh discoloration, maximum allowed before minor (February 2003) USDA Visual Aid PNT-CP-10	\$6.00
Pear I color comparator	Color comparator for green, light green, yellowish green and yellow ground color on pears (Revised 1983 and 1999) USDA Visual Aid PR 1	\$12.00
Pear II color comparator	Color comparator for very dark brown and medium brown skin discoloration on pears (Revised 1983) USDA Visual Aid PR 2	\$12.00
Pistachio color comparator	Color comparator for maximum brown color allowed for light staining on pistachios (10/00) USDA Visual Aid PIS CC 1	\$6.00
Potato I color comparator	Color comparator for brown center and hollow heart with discoloration in potatoes (1/98) USDA Visual Aid POT-CC-1	\$6.00
Potato II color comparator	Color comparator for scoring of internal black spot in potatoes (4/08) USDA Visual Aid POT-CC-2	\$6.00
Watermelon color comparator	Color comparator for minimum color for mature red-flesh varieties of watermelons (March 2000) USDA Visual Aid WAT-CC-1	\$12.00
8 x 10 black & white photographs	For each copy up to 50	\$9.00
	For each copy if order is for 51 or more	\$6.00
8 x 10 color photographs	For each copy up to 50	\$18.00
	For each copy if order for 51 or more	\$12.00

Item	Description	Unit Price
2 x 2 slides	For each copy	\$3.50
Inspection and visual aids	USDA Fresh Products Branch "Official Inventory of Inspection Aids and 2 X 2 Slides," December 2004	\$18.50

USDA Fresh Fruits and Vegetables Standards may be printed without charge from our website:

<http://www.ams.usda.gov/AMSV1.0/ams.fetchTemplateData.do?template=TemplateN&navID=U.S.GradeStandards&rightNav1=U.S.GradeStandards&topNav=&leftNav=&page=FreshGradeStandardsIndex&resultType=&acct=freshgrdcert>

Links to Fresh Fruit and Vegetable Grade Standards:

[Fresh Vegetable Grade](#)
[Fresh Vegetables for Processing](#)
[Fruit for Fresh Market](#)
[Fruit for Processing](#)
[Nuts and Specialty Crops](#)

Website for the list of available USDA Fresh Fruits and Vegetables Standards and Inspection Instructions:

<http://www.ams.usda.gov/AMSV1.0/getfile?dDocName=STELPRDC5072372>

Note: The list of USDA Fresh Fruits and Vegetables ***Inspection Instructions*** starts at the bottom of page 8.

All orders for equipment, Inspection Instructions and visual aids are processed by the Depot.

Fax your order using the attached [order form](#).

Inspection Instructions and visual aids are shipped from our offices in Fredericksburg, VA.

