

Seedburo Canola Counting Paddle

The Seedburo Canola/Rapeseed Counting Paddles perform quick counts of canola seeds and help detect damaged seeds (distinctly green or heat damaged). The paddles are used with masking tape and a roller to crush the seeds. The paddles are made of acrylic and are pre-drilled with 100 or 500 depressions. **No. CP100:** Actual dims: 9" (L) x 1 1/4" (W). **No. CP500:** Actual dims: 18" (L) x 2 1/4" (W).



CP500

When detecting for seed damage, first a 10g portion is hand-picked to determine content of visibly damaged seeds. The remaining portion is analyzed with the aid of the Canola Paddle. The sample is poured over the paddle until each depression fills with seeds. A piece of masking tape is placed evenly over the top of the paddle, enclosing the seeds. The tape is then removed with seeds stuck to it and laid face up on the counter. The small roller is then used to crush the seeds. Make one pass of the roller under firm pressure. The sample is then ready for visual inspection of damaged seed (distinctly green in color). A minimum of 5 sets of samples should be crushed. If indication of heat damage is present, 5 more sets should be made. The 500 count paddle increases crushing speed by completing 5 sets of samples with one test. **MADE IN USA.**

Canola Counting Paddle, 100 Count	No. CP100
Canola Counting Paddle, 500 Count	No. CP500
Canola Crushing Roller	No. CPR

Seedburo Canola Counting Kit

The Seedburo Canola Counting Kit comes complete with one 8 1/2" (L) x 19" (W) canvas bag, one each of the **No. CP100** and **No. CP500** counting paddles, one each of the 1" and 2" masking tapes, a crushing roller and a 7x lighted pocket magnifier. Ship wt: 3 lbs, Ship dims: 26" (L) x 6" (W) x 6" (H).



Canola Counting Kit	No. CPKIT
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S/J Sorghum Bleach Kit

The S/J Sorghum Bleach Kit is used for the detection of germ damaged Sorghum, class determination (mixed Sorghum) and detection of Tannin (or brown Sorghum). Tannin Sorghum is a variety that is bad in taste and undesirable to feeding animals. This bleaching process removes the seed coat from the germ area for visual inspection.

The bleaching method follows the official procedure used by USDA-AMS/FGIS. The process involves weighing a 15g sample of Sorghum combined with 40ml of household bleach and 15g of potassium hydroxide* pellets (for germ damage) or 5g for mixed Sorghum and Tannin. The combined sample is then mixed for 3 minutes then removed from the jar and placed in a strainer where it is rinsed under tap water. The sample may be dried by natural air or an external dryer or blower. Net wt: 5 lbs, Actual dims: 7" (L) x 5 1/2" (W) x 9" (H), Ship wt: 8 lbs, Ship dims: 9" (L) x 9" (W) x 13" (H). *Potassium hydroxide is a hazardous and toxic chemical, handle accordingly. **MADE IN USA.**



SJ Mixer

Bleach Test Mixer with One Mixing Jar, 115V, 60Hz	No. SJ MIXER
Replacement Mixing Jar and Paddle Assembly	No. SJ JAR
O Ring for SJ Jar	No. SJ JAR/RING

Seedburo Dual Range Light Meter

The Huygen Digital Light Meter features dual range, hold function for each range, automatic zeroing, plus improved resolution and accuracy. The electronics are mounted in an anodized aluminum case. To ensure accuracy, every Huygen light meter is calibrated at multiple points to NIST traceable secondary standards for luminous intensity and color temperature. Meter reading extends well beyond the upper calibrated range.

The meter has a multi-element glass filter that does not fade or change spectral transmission characteristics over long periods of time. With a stable and accurate life that typically exceeds 40 years, it is far superior to plastic and gelatin filters. It has been coupled with a cosine filter that corrects the instrument for true foot-candle or lux measurements when significant side light is present (e.g. light from fluorescent tubes or multiple sources such as a long hallway). Such meters accurately measure all types of lighting as the human eye would, including fluorescent, incandescent, halogen, sodium, and mercury vapor.



703D-250VC

The meter is designed for interior illumination with a range of 0-50.0/250 foot-candle. Approved by the USDA-AMS/FGIS for use by licensed grain inspectors. Check testing certificate available for official agencies (only) on request from USDA-TSD, Kansas City, MO. Net wt: 13.7 oz (with 9V battery inserted), Actual dims: 3.1" (W) x 6.01" (L) x 1.28" (H), Ship wt: 3 lbs, Ship dims: 12" (W) x 9" (L) x 5" (H). Battery not included.

Huygen Dual Range Digital Light Meter	No. 703D-250VC
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