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HARVEST SMART OPERATION MANUAL

BEFORE USING HARVEST SMART

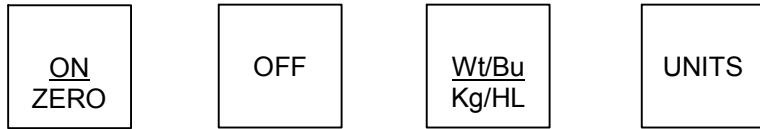
- For best results, scale should be used in specified temperature range
- Scale must not be bumped against other items
- Load must not exceed maximum capacity of scale
- If scale gets wet, wipe it dry

- This device may display erratic weights in the presence of radio frequency interference. To correct problem, move scale to different location or turn off source of interference
- Scale should be periodically checked for accuracy. Please consult your dealer or SmartScoop for calibration procedure. (1000 g test weight required, sold separately)

HARVEST SMART SPECIFICATIONS

- Capacity:** 1350 grams 48 oz.
- Graduation:** 2 grams 0.1 oz.
- Display:** 0.6" LCD with 4 active digits
- Operating Temp:** 10°C - 40°C / 50°F - 104°F
- Dimensions (LxWxH):** 14" x 4.5" x 3.5"
180 mm x 115 mm x 88 mm
- Power:** 9-Volt Alkaline

KEY PAD OPERATION



ON/ZERO: Press this key to turn scale on and/or “zero” the display.

OFF: Press this key to turn off the scale.

Wt/Bu / Kg/HL: Press this key to automatically convert commodity weight in cup to Wt/Bu or Lbs/Cu.Ft.

UNITS: Press this key to select desired weighing unit.

BATTERY INSTALLATION

- Remove battery cover from back of scale
- Connect 9-volt alkaline battery to connector and place in battery compartment
- Replace battery compartment cover

EXPLANATION OF DISPLAY ARROWS

◀(upper left)Weighing in oz. / Winchester Bu.
(U.S.)

◀(lower left)Weighing in grams / Kg per hl
(Europe)

▶(upper right)Bulk density conversion in Lbs. per Cu. Ft.

▶(lower right)Weighing in fractional lbs / Avery Bu. **(CDN.)**

SCALE FEATURES / ERROR MESSAGES

Power Up Test: When scale is turned on, all display digits will momentarily appear before resetting to zero.

Overload: If the applied load exceeds the rated capacity of the scale, the “ERR” message will appear. To rectify, remove load, press “Zero” key and scale will return to normal operation.

Lo: This message will appear when the battery needs to be replaced.

SCALE OPERATION

1. Ensure that the weighing cup is empty and the battery is in the unit.
2. Holding the scale by its handle, (or resting in the optional hands free stand) press and release the ON/ZERO button to power up the unit. Wait a couple of seconds until the display shows 0. If the display does not show 0, press the ON/ZERO button again. **(Make sure not to rest the cup on a solid surface during the weighing process. Doing so will give you inaccurate weight readings.)**
3. Next, pour or funnel desired commodity (seed/granular fertilizer) into the weighing cup until just overflowing. Using a piece of dowel or similar instrument, "swipe" or

"brush off" the excess commodity until you have a completely full, level sample in the cup. **(Make sure not to pack or compress the sample into the cup during this process. Doing so will result in a loss in accuracy.)**

4. Make sure the scale is reasonably level and stabilized by observing the level display ball. **(To obtain the most accurate readings, position the scale so that the ball is not touching or resting on the sides of display.)** Then press and release the UNITS button to select the desired weighing unit. The display will show the net product weight in the cup.
5. Finally, press and release the WT/BU conversion button to convert the displayed weight. Repeat until the preferred mode is displayed. i.e. Avery Bushel, Winchester

Bushel (Lbs/Bu), Kg/HL or Lbs. per Cu. Ft.
(bulk density)

6. **When handling Oats**, if using the Avery (Canada) or Kg/HL (metric) bushel weight conversion, please make the following adjustment.

The Winchester bushel & Avery bushel conversions are based on a 32 lb bushel weight standard.

If you require an Avery bushel conversion based on a 34 lb bushel weight simply follow steps 1-5 and multiply the displayed Avery bushel weight x 1.0625. This will give you the corrected Avery bushel weight at the 34 lb bushel standard.

To calculate **grams per half litre**, simply multiply the
displayed weight in grams x 1.05669.

LIMITED WARRANTY

Smart Scoop products are warranted against manufacturing defects and workmanship for a period of 90 days.

Smart Scoop will repair or replace any defective components at no charge. All warranty items are to be returned freight prepaid.

The warranty does not apply to any items that have been damaged by accident, misuse or as the result of modifications. No other express or implied warranty is given. Smart Scoop shall not be responsible for any consequential damages.