

AGCO FieldStar®

Yield Monitor Calibration

Yield Settings Screen

FIG. 310: Touch the icon (1) to display the Yield Settings screen.

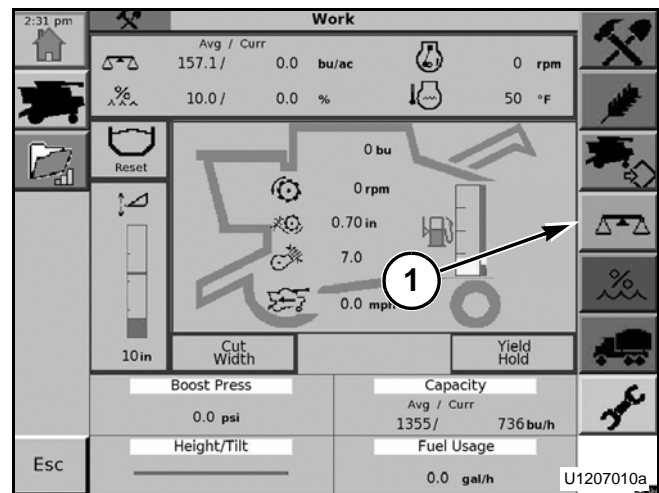


FIG. 310

Yield Calibration Factor

FIG. 311: To adjust the yield calibration factor, select the Yield Cal Factor box (1).

Enter the corrected calibration factor on the numeric keypad (see formula below). If the yield is 3% too high, deduct 3% from the calibration factor.

$$\text{new calibration} = \frac{\text{Wet weight}}{\text{Terminal weight}} \times \text{old calibration}$$

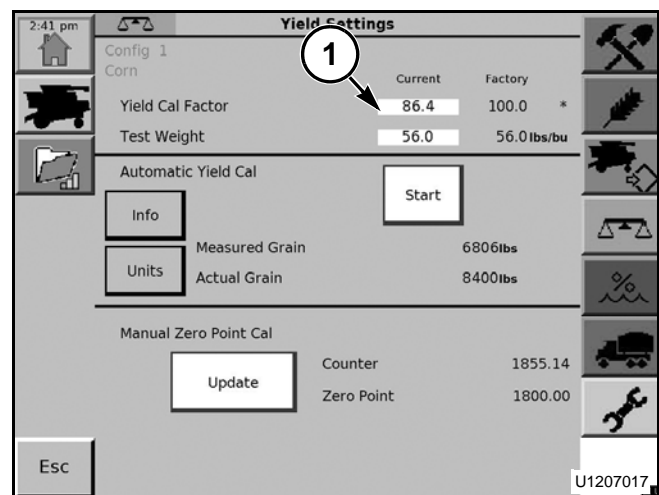


FIG. 311

Automatic Yield Calibration

For best accuracy, the yield sensor must be calibrated occasionally, at first use, at the start of a new field, or when starting a new crop. If you are logging data, calibration must be done at the start of a field and not in the middle for the best consistency throughout the entire field.

The yield calibration procedure involves harvesting a load of grain, such as a grain bin full or a truck full. Weigh the grain. This becomes the reference grain to be compared to the grain for calibration.

OPERATION

FIG. 312: When the Automatic Yield Calibration Info button (1) is selected, a message screen will pop up.

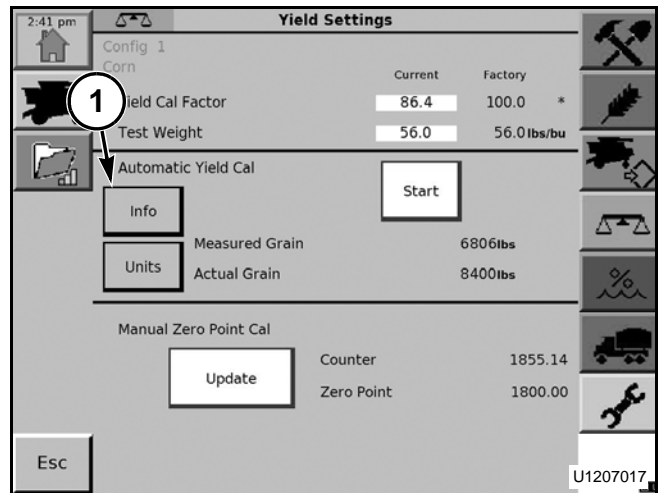


FIG. 312

FIG. 313: Read the message, and select OK to go back to the Yield Settings screen.

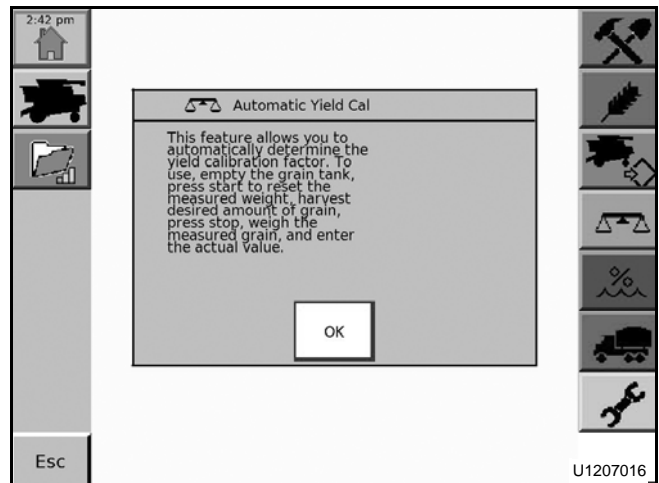


FIG. 313

FIG. 314: Select Start (1) to start automatic yield calibration. A message screen will pop up.

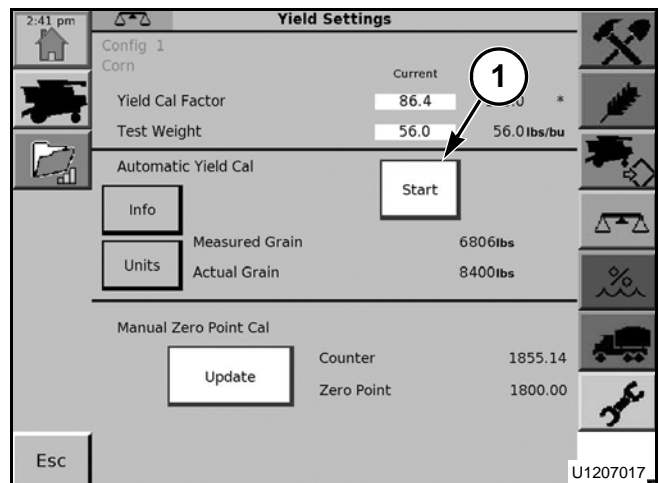


FIG. 314

FIG. 315: Select Yes (1) to reset grain for calibration to 0 or No (2) to cancel.

If Yes is selected, the Start icon on the Yield Settings screen will change to Stop. Grain for calibration will count up until Stop is selected. Weigh this grain on a scale and record the weight.

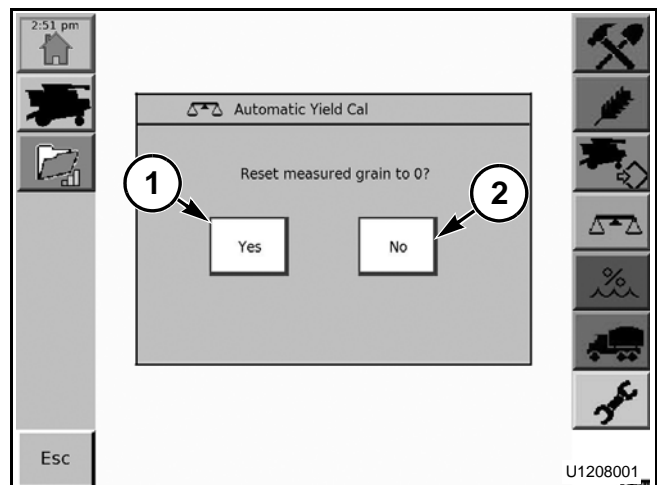


FIG. 315

FIG. 316: Select the Actual Grain box (1) and enter the recorded grain amount on the numeric keypad using the touch screen.

Select the checkmark to accept and return to the Yield Settings screen.

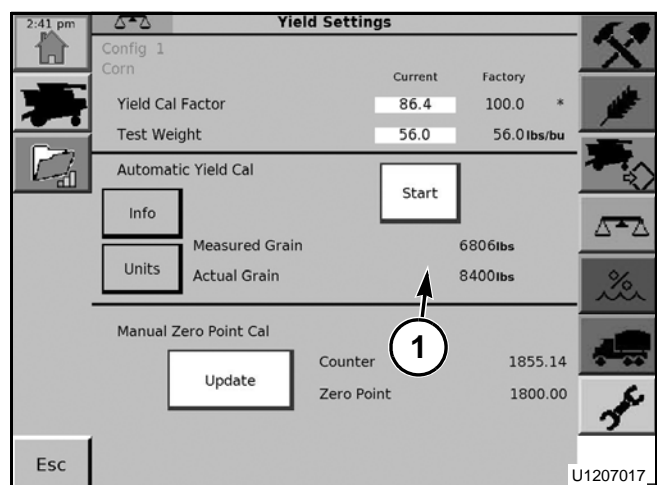


FIG. 316

FIG. 317: A screen will now be shown to accept the new yield factor. Select Yes to accept or No to cancel.

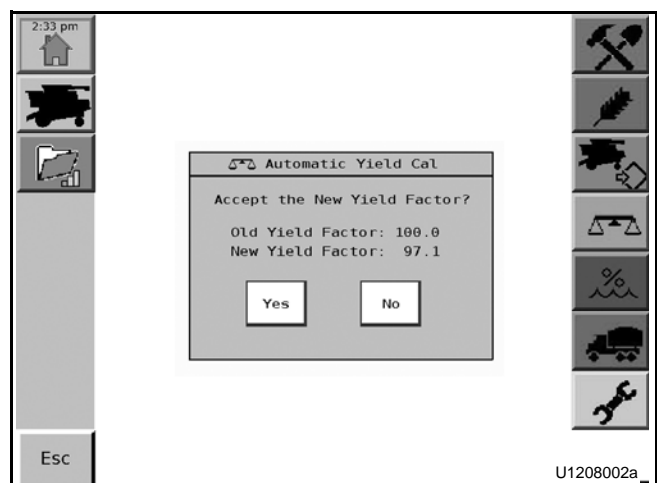


FIG. 317

OPERATION

FIG. 318: Calibration Units - Select Units (1) to change the Work screen from bushels to pounds, or to change from pounds back to bushels.

NOTE: Units can be changed in U.S. volume setting only.

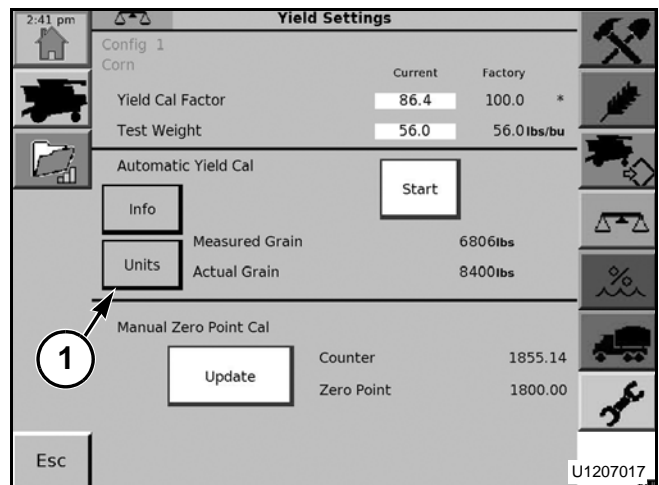


FIG. 318

FIG. 319: When Units is selected, the Grain Weight or Volume message screen will be shown.

Select the Work by Weight box to show the checkmark. Select the box again to remove the checkmark.

If the checkmark (1) is shown, the measured grain on the Work screen will be displayed in pounds.

If there is no checkmark shown, the measured grain on the Work screen will display in bushels.

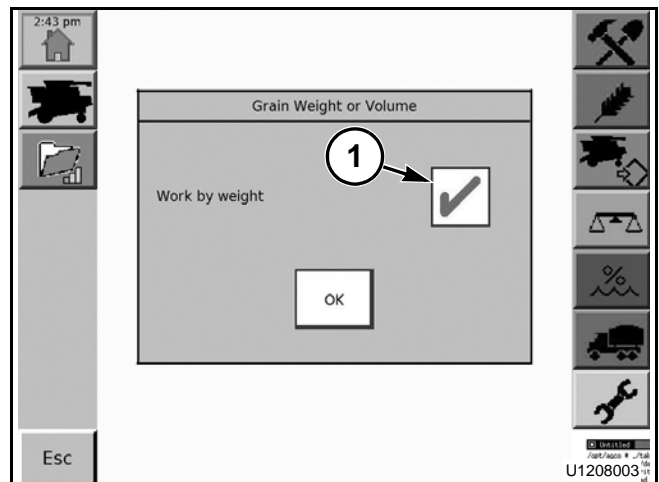


FIG. 319