Errors in Yield Data

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The math behind the yield...

\[ \text{Yield} = K \times \frac{\text{Mass Flow} \times \text{Time}}{\text{Header Width} \times \text{Distance}} \]

\[ K = 112011 \text{ for Corn, or } 104544 \text{ for Soybeans or Wheat} \]
Top Soil EC
Most Common Yield Data Errors
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- Varying the crop width that enters the header during harvest
- Changing the lag time of the grain as it goes through the threshing mechanism
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• Varying the crop width that enters the header during harvest
• Changing the lag time of the grain as it goes through the threshing mechanism
• Surging grain through the combine grain transport system
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- Travel speed, Grain flow, and Grain Moisture measurement errors
Using a Dickey-John® for moisture sensor calibration

ActiveYield™ for mass flow sensor calibration
Land Lab: Harvest Results

- Total Dry Yield: 6,318.48 bu
- Wet Weight: 365,760.66 lb
- Avg. Mstr: 17.64%

**AGRONOMIC DATA**

- Total Dry Yield: 6,318.48 bu
- Avg. Dry Yield: 153.7 bu/ac
- Avg. Mstr: 17.64%
- Avg. Speed: 4.5 mi/h
- Area Worked: 41.11 ac
- Wet Weight: 365,760.66 lb
- Avg. Wet Weight: 8,897.12 lb/ac

Variety: Croplan 2845/V72P_RIB

Post Calibrate by:
- Wet Weight
- Avg. Mstr

If the map doesn't look right or something happened in the field affecting your yield, you can adjust the yield data here.
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• Bonus Point: “The Row of Shame”
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Even with Section Control enabled, harvesting with at least 51%, or 7 out of 12 rows in an area not already harvested, we recorded this pass, essentially 1/12 of the actual yield is documented as a full header pass.
With Section Control enabled, harvesting with +51%, or at least 7 out of our 12 rows in an already harvested area, we would not have recorded this pass.
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