

YieldSense™

YieldSense: How to perform a “True Up” from the cab

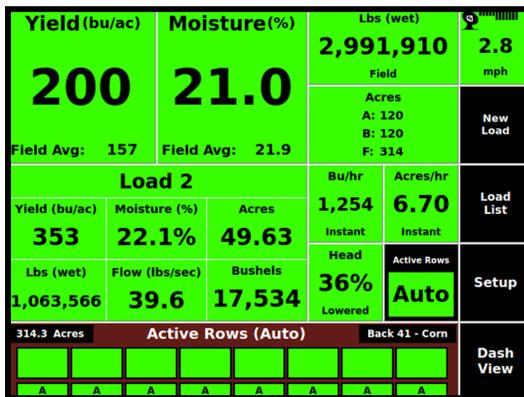
Summary:

Simple operation and accuracy are two important components of YieldSense™. The “combine total” and “loads true up” features are important examples of those components. With a push of a button you can make minor adjustments to your crop constants using actual weights from your certified grain cart or elevator tickets. Performing a “true up” will automatically update the crop constant for that field and for future fields. This document will walk you through the best practices and steps required to utilize these features.

Note:

Due to error that can be generated by auger or scale carts, the YieldSense™ engineering team recommends that the following conditions are met before a loads true up:

1. One load greater than 25,000 lbs is harvested, and the actual weight is entered into the loads list, or
2. Three or more loads of greater than 10,000 lbs each are harvested, and the actual weights are entered into the loads list.



1. From the home screen of the 2020 select the Load List on the right side of the screen.



2. When viewing the load list press the box corresponding to the load you want to enter an actual weight for.

Note: If you select the box at the bottom of the load list you can do a true up if you have a known combine total weight for the field.

Edit Load 3

Justin Welch Farms

Field - 7.31.13 alerts 3 - Popcorn

Load 3

Actual Weight		OEM Weight	
Lbs:	15,260	Lbs:	15,180
Actual:	15,180	OEM:	0.00
Error:	+0.5%	Error:	--

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3a. From the “Edit Load” page, press the “Actual Weight” box and enter the actual weight for that load. Then press Enter.

Edit Combine Total

Demo Client Demo Farm

Demo Field - Corn

Actual Weight	
Lbs:	363
Actual:	0.00
Scaling:	1.00

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3b. When performing a “Combine Total” true up, enter the total amount of wet pounds harvested by the combine for the given field.

Note: If you have multiple combines in the field, you will need to keep the amount of grain harvested by each combine and separate to use this feature.

Load List

Demo Client Demo Farm

Load	Name	Actual	Error	Acres	Bushels	Moist	Yield
Load 4	Load 4	4,210	--	0.503	68.8	22.6%	137
Load 3	Load 3	0	--	0.054	9.12	22.8%	169
Load 2	Load 2	0	--	0.119	20.1	23.2%	169
Load 1	Load 1	577,000	+0.0%	63.9	9,538	21.7%	149

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Combine	Actual	Error	Acres	Bushels	Yield	Moist
Total	0	--	64.5	9,636	149	21.7%

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4. Once the actual weight is entered for the load you will see actual and measured lbs listed for the load. The next step is to select the Loads True Up button.

Note: The crop constant is not adjusted until you press the “Loads True Up” button at the bottom of the page. Therefore you may enter loads to track your accuracy without performing a true up if you wish.

Load List

Demo Client Demo Farm

Load True up complete for Corn.
New crop constant is 0.999.
This value has been applied to this field.

Ok

Load	Name	Actual	Error	Acres	Bushels	Moist	Yield
Load 4	Load 4	21	--	0.000	0.0	0.0%	147
Load 3	Load 3	0	--	0.000	0.0	0.0%	169
Load 2	Load 2	0	--	0.000	0.0	0.0%	169
Load 1	Load 1	577,000	+0.0%	63.9	9,538	21.7%	149

YieldSenseV2

Combine	Actual	Error	Acres	Bushels	Yield	Moist
Total	602,611	--	66.7	9,957	149	21.7%

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5. After you have selected Loads True Up you will receive a pop up that it is complete and a new crop constant is set for the crop.

Note: Once you do a “true up” that will affect that field and the future fields. It does **NOT** go back and change previously harvested fields.