



KIBBLE
EQUIPMENT

**READY TO
HARVEST
GUIDE**

S-Series

*Combine Cab
and Controls*

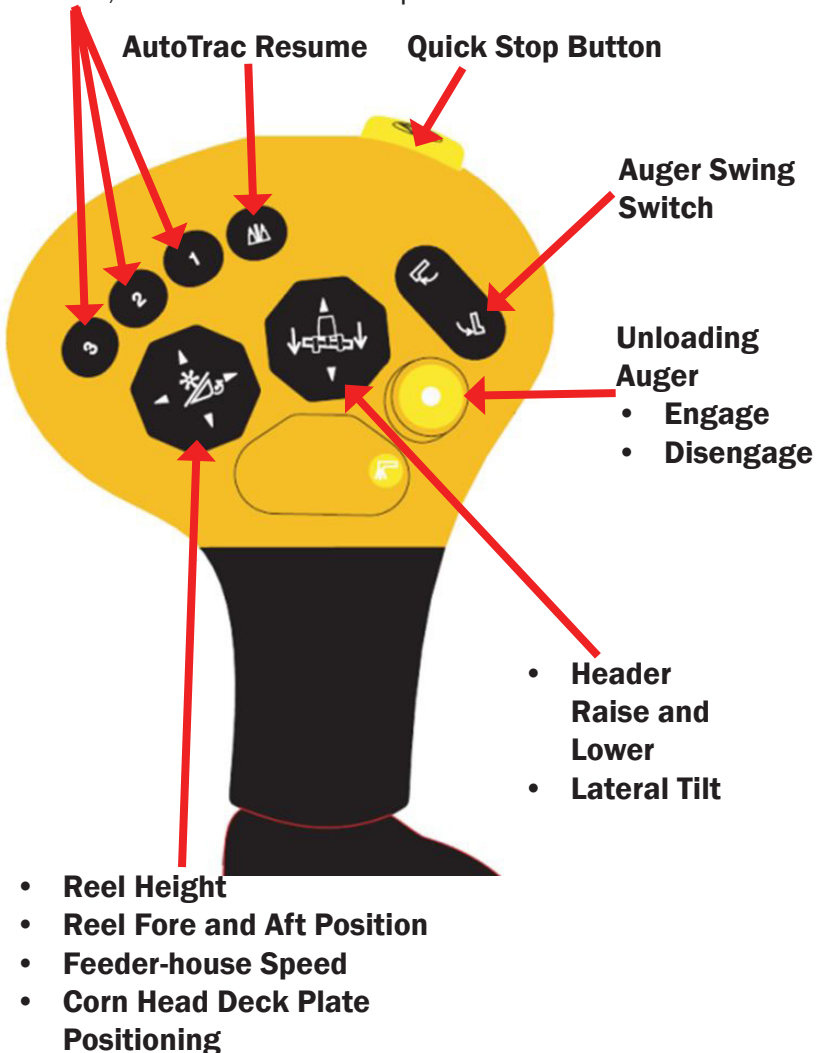


JOHN DEERE

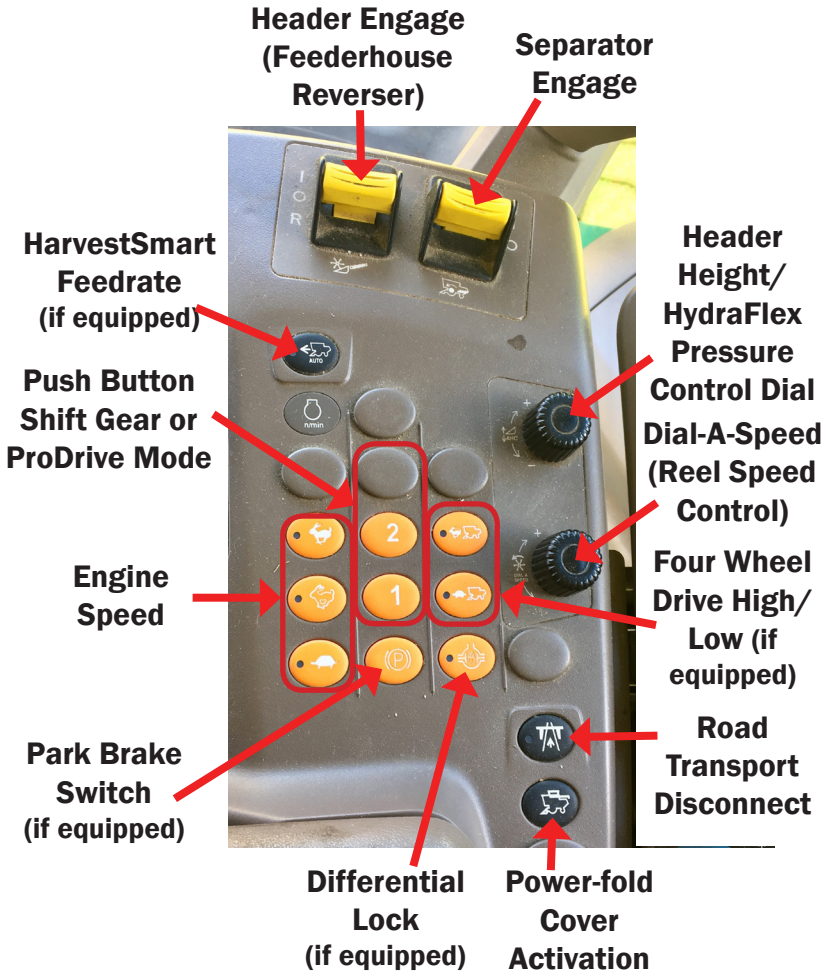
S-Series HYDRO HANDLE

Active Header Control Activation Switches

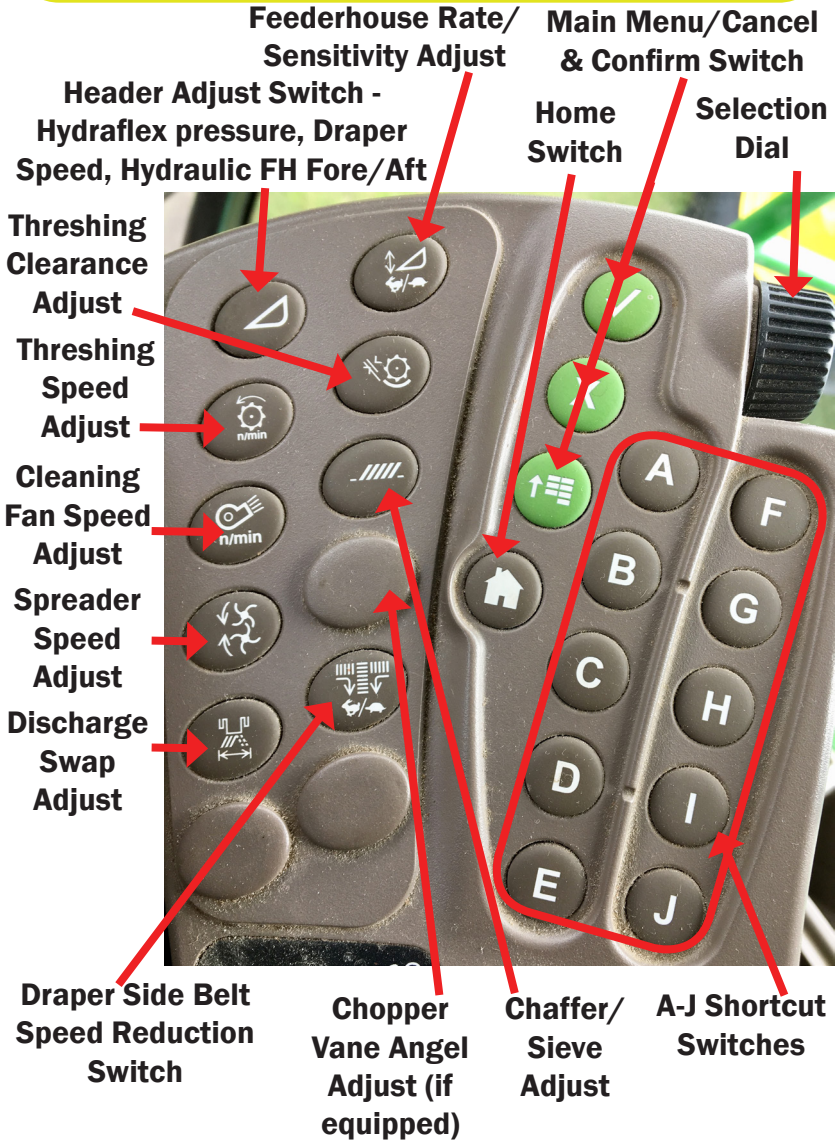
Header height resume and hydraflex pressure, reel resume, and corn head deck plate resume



S-Series ARMREST



S-Series ARMREST



S-Series ACTIVE HEADER CONTROLS









Go to Header Setup page by Pressing letter I- Header Setup on the Command Center Display.



Then Press Letter H for AHC Setup- to select the proper header modes to be enabled.

Combine - Header Setup AHC

Select the automatic header modes to be enabled:

<input checked="" type="checkbox"/> A	<input checked="" type="checkbox"/> B	<input type="checkbox"/> C
		
<input checked="" type="checkbox"/> D	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/> J
		

Navigation icons on the right: F (header), G (left/right arrows), H (AUTO), Home, and List.

A- Header Height Sensing Enable Button- - for Hydraflex operation (600F and 600FD) or header height sensing (900F) platforms, for height sensing on 90 and 600 series cornheads

B- Header Height Resume Enable Button- must be enabled for use of the 1-2-3 buttons on hydro handle

C- Active Header Float Enable Button- NO NOT USE-this option for Rigid (600R) headers.

D- Reel DIAL-A-SPEED Button- this will allow the reel speed to match ground speed based on what ratio is set w/ the dial on the armrest

E- Reel Position Resume Enable Button- Ties reel position (or deck plate spacing) to the 1-2- 3 buttons

J- CONTOUR MASTER Enable Button

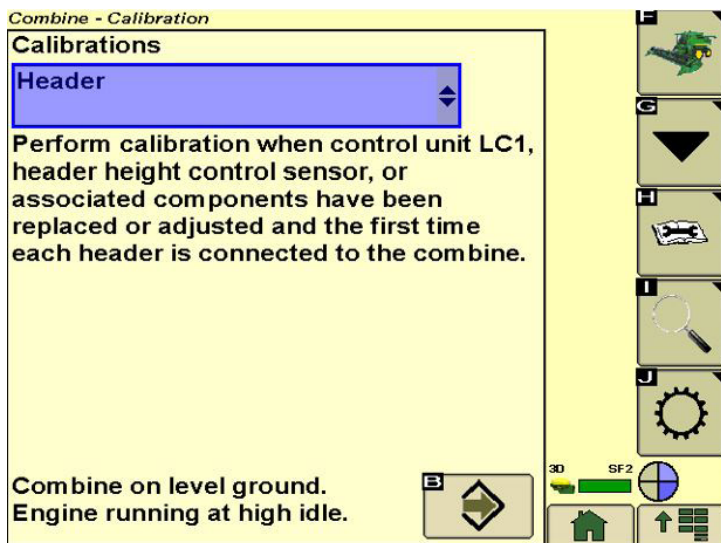
HEADER CALIBRATIONS THRU COMMAND CENTER DISPLAY



Go to the Diagnostics tab (B) within the command center.



Press G for Calibrations. From the drop down menu select Header.

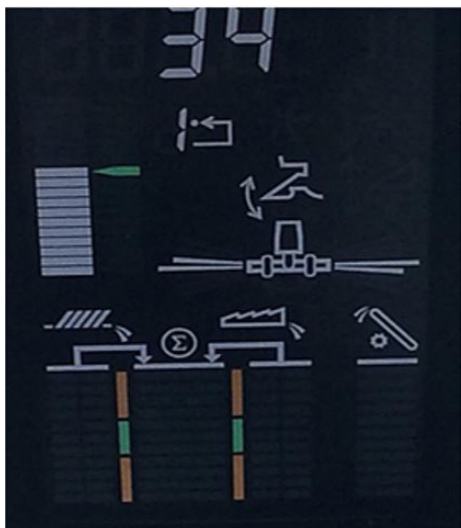


In order to calibrate, we have to take all the hydra flex pressure out of the system. Decrease pressure with the hydra-flex adjust button until the calibration proceeds automatically.

Follow the on screen instructions, lowering, then raising the head. Calibration automatically proceeds through each step.

When calibration is complete be sure to select <ENTER> to save the calibration.

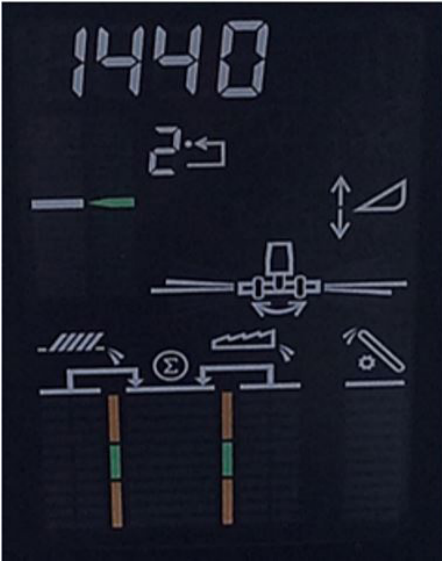
SETTING HEADER RESUME: 1-2-3 BUTTONS



Header Resume must first be enabled by selecting the Header Height Resume box under Header Setup. When the symbol is displayed on cornerpost, this confirms it is active. Press the #3 button on the hydro handle- you will notice the number on the AHC panel of the Cornerpost.

Use the AHC dial on the armrest to set the desired cutting height setpoint. The height will resume from where you had set it. Press the #2 button- Set #2 as an alternate cutting height. Press #1 and use the AHC dial to set #1 as your raise height for turning on the ends.

SETTING HEADER HEIGHT SENSING OR HYDRA FLEX PRESSURE



Height Sensing is enabled by selecting the Height Sensing option under Header Setup. Once the symbol is displayed on the cornerpost, this confirms it is active.

If the Header Height Sensing and the Header Height Resume are both enabled:

- Button 1 activates Header Height Resume
- Button 2 and 3 activates Header Height Sensing

The number on the display indicates which activation button was selected.

SETTING HEADER HEIGHT SENSING OR HYDRA FLEX PRESSURE

Manually raising the header will deactivate the system. Pressing any of the three activation buttons will reactivate the system.

To change the HYDRAFLEX pressure setpoint- press #3 and use the AHC dial to adjust the pressure. The actual Hydraflex pressure will be displayed on the cornerpost. Set #3 with a lower pressure (more rigid) for dry conditions. Set #2 at higher pressure (more float) for wet conditions.

Recommended Hydraflex Pressure Settings:

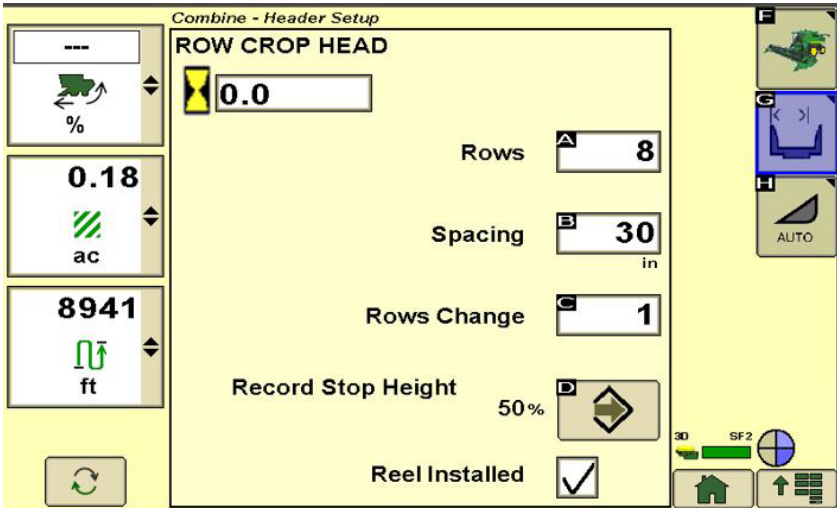
as you increase pressure- the more float the header will have.

- 1,000 psi for firm ground conditions.
- 1,300 psi for normal ground conditions.
- 1,700 psi for soft ground conditions.

SETTING UP THE HEADER



Go to the Header Setup page by Pressing letter I- Header Setup on the Command Center Display

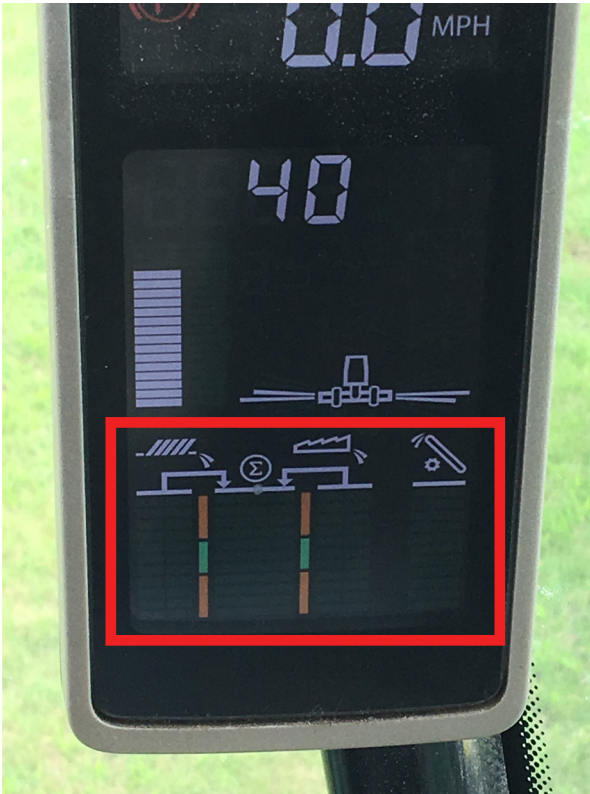


Verify the header type is correct. This should be automatically determined by the display when the header is connected. Adjust header width and row/ width change measurements as needed. Implement type/width will carry over to the 2600/2630 if you are using one for mapping.

Setting the Recording Height- Manually raise/lower header to a position greater than #2 resume and less than #1 raise height for turning on ends. Find the RECORD STOP HEIGHT and press the <ENTER> button to set the current position as the recording on/off position. Once set, you will hear an audible tone when you raise/lower the head to indicate the header is recording.

S-Series VISION TRAK DISPLAY

Vision Trak Display is located on the lower portion of the Cornerpost.



It includes Shoe and Separator Loss Monitors and Tailings Volume Monitor.

We need to adjust seed size for different crops to accurately display losses in the Vision Trak monitor.

S-Series VISION TRAK DISPLAY, cont.

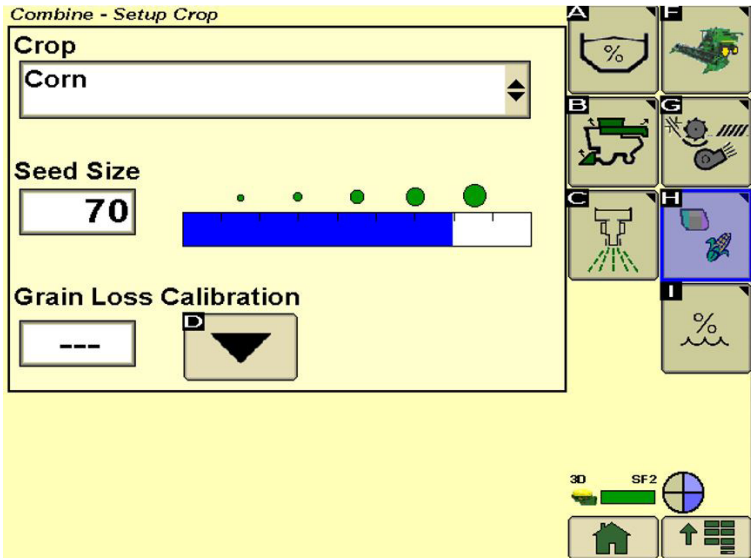


Go to Combine Setup Button H.



Then press Button H- Crop Setup and use the drop down menu to select the correct Crop and input the correct seed size based on the chart below.

After performing a field check and confirming that your losses are acceptable you can calibrate the loss sensors for the separator and shoe by pressing the CAL button.



INTERACTIVE COMBINE ADJUST

ICA (Interactive Combine Adjust) will provide you with recommended machine setting changes to improve performance according to your harvesting priorities.



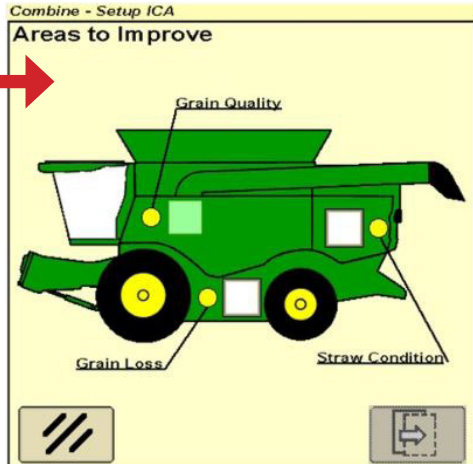
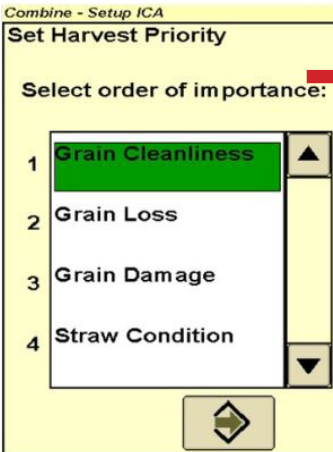
Go to Combine Setup Button H.



Select "I" the ICA Icon.



Select "A" the Combine Setup Icon to begin prioritizing your harvest operation.



Highlight and prioritize settings by selecting the text and using the arrows. Once finished Press the accept Icon and return to the ICA home page

INTERACTIVE COMBINE ADJUST

Next select which area is in need of improvement by checking the box. It is recommended to choose one area at a time but, more than one may be selected.



Press the next Icon to move on or the back icon to return to a previous screen.



Select which subset needs improvement by checking the box.

*If more than one area was selected for improvement an additional subset list will show up.

Select the "Question mark" Icon for a description of each subset. Press next.

INTERACTIVE COMBINE ADJUST

ICA will compile a list of Machine setting recommendations. The next recommendation will be shown above the current recommendation.



Press the “scroll” icons to view the available machine setting recommendations.



Press the “back” button to return to the previous page.



Press the “abort” icon to Exit ICA.

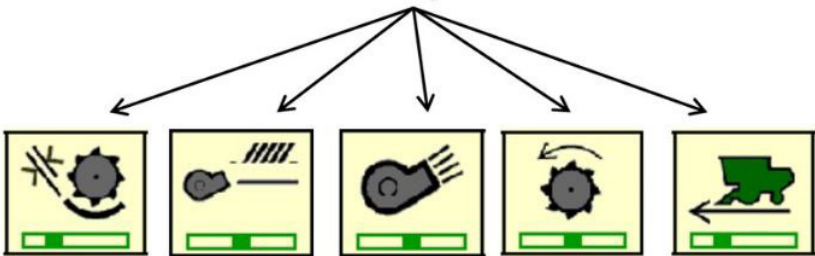


INTERACTIVE COMBINE ADJUST

Press the “accept” Icon to select the current recommendation, the machine will automatically adjust the setting.

Once selected ICA will prompt “Adjustment being performed” a status symbol will appear at the bottom of the display.

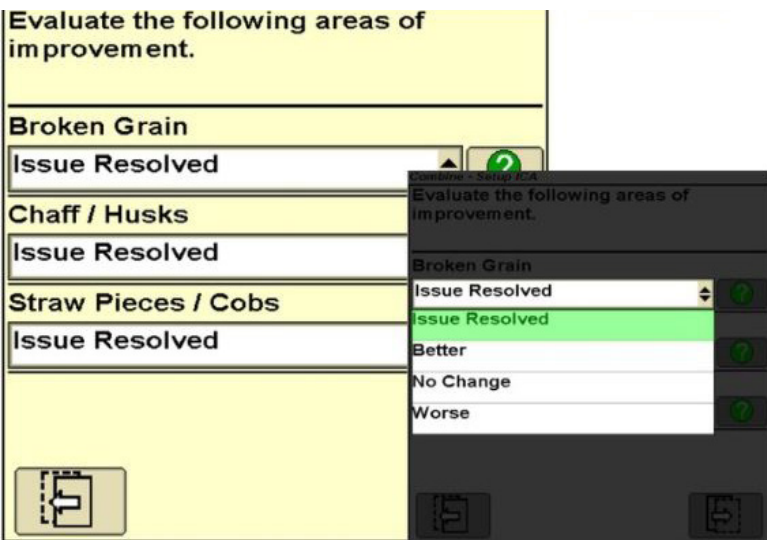
Status Symbols



The ICA icon will flash yellow once the adjustment is complete, select the Icon to “Evaluate the change in performance”. The press the “next” icon.

Select the status of the issue from the drop down box.

Select the “Next” icon to move forward.



INTERACTIVE COMBINE ADJUST & SEED SIZE CHART

Next determine if any new issues are present as a result of the recent adjustment, select one of the answers listed and press next.



Are any new issues present due to adjustments?

No, continue optimization

Yes, keep setting and report new problem

Yes, undo last adjustment and continue

Yes, undo all adjustments and start over

If all previous issues were “Resolved” and no New issues were reported the “optimization is complete”. Otherwise, previous steps can be repeated until desired performance level is reached.

If the system detects a change in machine performance, such as high losses, the ICA icon becomes Red. Select the ICA icon button to launch a new optimization.

Small Seed (Default 38)	Medium Seed (Default 50)	Large Seed (Default 70)
Alfalfa Canola Flax Grass Seeds Millet Mustard Oats Rice Rye	Barley Lentils Popcorn Safflower Sorghum Wheat	Chickpeas Corn Edible Beans Lupins Navy Beans Peas Soybeans Sunflowers

S-Series Combine Settings (Outside the cab)				
Crops	Corn (dry)	Corn (wet)	Soybeans	Wheat
rotor drive	1 (slow speed)	1 (slow speed)	2 (high speed)	2 (high speed)
recommended concave type	round bar	round bar	large wire/round bar	small wire
Feed Accel. Wear Strips	serrated or swept back	serrated or smooth	serrated or swept back	serrated
separator grate spacers	installed	installed	installed	out
Separator Covers	none	none	none	install 2 rows on RHS, 3 rows on LHS
Feederhouse drum height	up	up	down	down
Feederhouse chain speed	slow (26T sprocket)	slow (26T sprocket)	slow (26T sprocket) or fast (32T sprocket) for tough crop	slow (26T sprocket) or fast (32T sprocket) for tough crop
Feed Accel. Speed	slow	slow *slow down kit available	Slow in dry crop or Fast for tough crop	Fast or Slow for dry/ grain and straw quality
chopper speed / chopper knife bank	slow / out	slow / out	fast / half-way	fast / in all the way for finest cut
crop deflector	corn	corn	grain	grain
tailings system (S680/90)	corn	corn	corn	grain
spreader speed	slow	slow	fast	fast

S-Series Combine Settings (inside - from armrest)				
Crops	Corn (dry)	Corn (wet)	Soybeans	Wheat
rotor drive	250-450	350-500	450-650	750-950
Concave Clearance	25-35 mm	25-35 mm	15-30 mm	8-16 mm
Fan Speed	900-1300	1000-1300	800-1000	820-1050
Chaffer Clearance	17-22 mm	18-22 mm	14-18 mm	12-20 mm
Sieve Clearance	11-15 mm	11-15 mm	6-10 mm	3-8 mm
Deep Tooth Chaffer	15-20 mm	16-21 mm	14-17 mm	n/a
Deep Tooth Sieve	10-14 mm	10-14 mm	5-9 mm	n/a

NEED ASSISTANCE? CONTACT US!

Belle Plaine, MN	952-873-2224
Bird Island, MN	320-365-3445
Blue Earth, MN	507-526-2714
Brookings, SD	605-693-3514
Garretson, SD	605-594-3476
Hollandale, MN	507-889-4221
Huron, SD	605-352-8519
Madison, SD	605-256-4575
Mankato, MN	507-387-8201
Marshall, MN	507-537-1523
Milbank, SD	605-432-5523
Minnesota Lake, MN	507-462-3828
Montevideo, MN	320-269-6466
Northwood, IA	641-324-1154
Osage, IA	641-732-3719
Owatonna, MN	507-451-4054
Redwood Falls, MN	507-644-3571
Sleepy Eye, MN	507-794-5381
Tyler, MN	507-247-5572
Wabasso, MN	507-342-5171
Watertown, SD	605-886-3545
Wheaton, MN	320-563-8112