



PRE-HARVEST CHECKLIST



CALIBRATE HEADSIGHT

Before entering a field, make sure your Headsight is properly calibrated on a level surface. If the angle of the feeder house has been adjusted, Headsight must be recalibrated. This will help maximize efficiency during harvest. Ensure head is at correct operating angle before operating Headsight. Optimal position should be less than 22 degrees deck plate angle.

CHECK AUGER TIMING

If you are running a machine with a 2-4 piece auger, make sure the auger is timed correctly. To time the auger, rotate one PTO shaft until the flighting in the center of the auger is opposite of the adjacent flighting (six and midnight).

CHECK OILS IN ALL GEARBOXES

All row unit gearboxes and auger drive gearboxes use **75W90 full synthetic gear oil**. On machines larger than 12 rows, the lateral gearbox uses **85W140 conventional gear oil**. If the oils are low, top them off. (see user manual)

GATHERING CHAINS

All gathering chains should be staggered and tensioned correctly. DO NOT operate the machine with the gathering chains running "tip to tip". All chains should be staggered above the deck plates on each row.

CHAIN TENSION

All gathering chains should be tightened to the point that you can pull each chain towards the center of the row unit and have **3/4"** of deflection. On new machines, the chain tension spring should measure about **3 1/2"** from the top of the spring to the bottom.

DRIVE CHAIN TENSION

Check to make sure the drive chains found in the left and right hand side covers are properly tensioned and secure. Proper tension of the chains should allow for **3/4"** of deflection when pulling down on the chains.

DECK PLATES

On Quasar models, inspect the stationary deck plate position. All rows should have the same clearance and the deck plates should be parallel.

STALK ROLLER KNIVES

Check each row unit and verify that the spacing between the four LH and RH knives is roughly **1/8"**. The knives will begin to show wear on the front 1-2" section of the knife. If there is significant wear on the knives, flip them from left to right. Make sure the bevel on the knife is facing the ground after flipping. Once flipped, check the spacing of **1/8"** from the front to the back of the knife. The knives should be spaced evenly from front to back.

GREASE & SIDE COVERS

Properly grease stalk rollers, fender augers, folding hinges, slip clutches, and PTO shafts before entering the field. See the user manual for proper grease specifications.

Check the side cover of your CAPELLO head to make sure there is between 10-20 pounds of grease in each side. This is NOT an oil bath and should have a sufficient supply of grease to increase longevity of the drive system.

CASE IH COMBINES

Make sure the CAPELLO supplied drum blocks are properly installed in the feeder house. These blocks are going to fit the drum in the feeder house and provide adequate clearance for the crop intake. This only applies to CAPELLO heads being mounted on Case IH flagship combines.

CAPELLO SUPPORT | 855-CAPELLO