



2024 Case IH Flagship Settings

**SOYBEANS XPR 3**

Concave 9  
Rotor 600  
Fan 1100  
Top Sieve 14  
Bottom Sieve 8  
Pre-Sieve 6 or 11  
Sieve Offset 0  
100% Engine Load

**SOYBEANS XPR 3**

Concave 17  
Rotor 580  
Fan 1150  
Top Sieve 14  
Bottom Sieve 8  
Pre-Sieve 3  
~14% 65 Bu

**SOYBEANS XPR 3**

Concave 14  
Rotor 480  
Fan 1050  
Top Sieve 15  
Bottom Sieve 13  
Pre-Sieve 3  
~13% 60 Bu

**SOYBEANS XPR 3**

Concave 12  
Rotor 600  
Fan 1100  
Top Sieve 16  
Bottom Sieve 6  
Pre-Sieve 4  
~14% 70 Bu

**SOYBEANS XPR 3**

Concave 7  
Rotor 600  
Fan 1150  
Top Sieve 14  
Bottom Sieve 12  
Pre-Sieve 3

**SOYBEANS XPR 3**

Concave 14  
Rotor 600  
Fan 950  
Top Sieve 15  
Bottom Sieve 10  
Pre-Sieve 4  
Sieve Angle Offset -4.0

**SOYBEANS XPR 3**

Concave 17  
Rotor 470-580  
Fan 1000  
Top Sieve 15  
Bottom Sieve 12  
Pre-Sieve 3  
~12% 70 Bu

**SOYBEANS XPR 3**

Concave 5  
Rotor 800  
Fan 1190  
Top Sieve 15  
Bottom Sieve 13  
Pre-Sieve 3  
Green Stems

**Notes:**

Blue = General Start Settings  
Black = Snapshot User Settings

(You do **NOT** have to have the same Moisture & Bu of a user's snapshot settings for them to work for you)

Keep your engine load between 85-100%. **You must keep the rotor as full as possible (especially when green)**, you can do this by slowing the rotor down, increasing ground speed or tightening the concaves

If you are seeing any rotor loss (not header loss) then increase your rotor speed and tightening your concave.

If you need to clean up the tank, try various sets of Top & Bottom Sieve and Fan combinations on this page. If you still have little stems in the tank it's possible you are over-threshing

Vanes in **SLOW** for all crops

**CORN XPR 3**  
Concave 21  
Rotor 330  
Fan 1210  
Top Sieve 21  
Bottom Sieve 19  
Pre-Sieve 7 or 14  
Sieve Offset 0  
100% Engine Load

**CORN XPR 3**  
Concave 22  
Rotor 300  
Fan 1200  
Top Sieve 18  
Bottom Sieve 16  
Pre-Sieve 5  
~23% ~260 Bu

**CORN XPR 3**  
Concave 18  
Rotor 380  
Fan 1200  
Top Sieve 17  
Bottom Sieve 14  
Pre-Sieve 4  
~18% ~230 Bu

**CORN XPR 3**  
Concave 21  
Rotor 430  
Fan 1300  
Top Sieve 14  
Bottom Sieve 20  
Pre-Sieve 5  
~25% ~230 Bu

**CORN XPR 3**  
Concave 22  
Rotor 290  
Fan 1100  
Top Sieve 17  
Bottom Sieve 15  
Pre-Sieve 5  
~18% ~220 Bu

**CORN XPR 3**  
Concave 30  
Rotor 420  
Fan 1150  
Top Sieve 14  
Bottom Sieve 19  
Pre-Sieve 4  
Sieve Angle Offset -3.0  
~32% ~260 Bu

**CORN XPR 3**  
Concave 27  
Rotor 470  
Fan 1240  
Top Sieve 17  
Bottom Sieve 14  
Pre-Sieve 4  
~22% ~260 Bu

**CORN XPR 3**  
Concave 14  
Rotor 460  
Fan 1300  
Top Sieve 17  
Bottom Sieve Max Open  
Pre-Sieve 5

**Notes:**

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(You do **NOT** have to have the same Moisture & Bu of a user's snapshot settings for them to work for you)

Set your concave at 26 and rotor at 300. Tighten the concave until you notice the first cracked kernel, then back off 1-2mm. Then, if you are seeing any rotor loss at 300, increase your rotor by 10 RPM until it subsides. If you are leaving any kernels on the cob, tighten the concave by 1mm until no kernels are left on cob.

Keep your engine load between 80-100%. **You must keep the rotor as full as possible**, you can do this by slowing the rotor down, increasing ground speed or tightening the concaves

If you need to clean up the tank, try various sets of Top Sieve, Sieve and Fan combinations on this page

If you are in wet or high moisture corn, try your rotor at 400-450 and concave at 20-24

If you are seeing any pericap damage, tighten your rotor by 1mm until it goes away

Vanes in **SLOW** for all crops

## **WHEAT**

### **WHEAT XPR 3**

Concave 5  
Rotor 900  
Fan 1000  
Top Sieve 18  
Bottom Sieve 6  
Pre-Sieve 2 or 5  
Sieve Offset 0  
100% Engine Load

### **WHEAT XPR 3**

Concave 0-3  
Rotor 1100  
Fan 1200-1350  
Top Sieve 15-19  
Bottom Sieve 2-7  
Pre-Sieve 2  
~11% 65 Bu

### **WHEAT XPR 3**

Concave 2-4  
Rotor 820-860  
Fan 1350  
Top Sieve 13  
Bottom Sieve 4  
Pre-Sieve 2  
~12% 45 Bu

### **WHEAT XPR 3**

Concave 8-10  
Rotor 910  
Fan 1150-1200  
Top Sieve 18  
Bottom Sieve 6  
Pre-Sieve 3  
~11% 60 Bu

### **WHEAT XPR 3**

Concave 23  
Rotor 910  
Fan 880  
Top Sieve 19  
Bottom Sieve 15  
Pre-Sieve 3  
~12% 120 Bu

### **WHEAT XPR 3**

Concave 6-8  
Rotor 900-1000  
Fan 1200  
Top Sieve 16  
Bottom Sieve 6  
Pre-Sieve 2  
~12% 80 Bu

### **WHEAT XPR 3**

Concave 5  
Rotor 870-900  
Fan 1130  
Top Sieve 17  
Bottom Sieve 8  
Pre-Sieve 2  
~12% 55 Bu

### **WHEAT XPR 3**

Concave 10  
Rotor 980  
Fan 1100  
Top Sieve 18  
Bottom Sieve 8  
Pre-Sieve 2  
~13% 70 Bu

## **Notes:**

Blue = [General Start Settings](#)

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(You do **NOT** have to have the same Moisture & Bu of a user's snapshot settings for them to work for you)

If you are having any unthreshed heads, increase your rotor speed up to 1000-1100 and tighten your rotor down to 0-2

If you are having little pieces of straw in the tank, make sure your fan is wide open and try the sieve settings on this page. It's possible you are overthreshing too

If you are seeing any rotor loss (not header loss) then increase your rotor speed and tighten your concave

Some TAILINGS are OK, that's the purpose of the rethresher.

Vanes in **SLOW** for all crops

If you are having sieve loss, try changing your Sieve Angle Offset, try +3 if it gets worse, go to -3 then dial it from there.

**BARLEY XPR 3**

Concave 6  
 Rotor 840  
 Fan 720  
 Top Sieve 19  
 Bottom Sieve 9  
 Pre-Sieve 3  
 3.5 - 4.8 MPH  
 ~11-12 ~50 Bu

**BARLEY XPR 3**

Concave 7  
 Rotor 940  
 Fan 960  
 Top Sieve 19  
 Bottom Sieve 13  
 Pre-Sieve 3  
 3 MPH  
 ~10-12% ~100 Bu (Irrigated)

**CANOLA XPR 3**

Concave 28  
 Rotor 780-840  
 Fan 960  
 Top Sieve 11  
 Bottom Sieve 2  
 Pre-Sieve 2  
 ~11% ~50 bu

**CANOLA XPR 3**

Concave 24  
 Rotor 670-760  
 Fan 950-980  
 Top Sieve 10  
 Bottom Sieve 3  
 Pre-Sieve 2  
 ~12% ~80 bu

**CHICKPEAS XPR 3**

Concave 15-20  
 Rotor 240-380  
 Fan 600-800  
 Top Sieve 15-18  
 Bottom Sieve 7-12  
 Pre-Sieve 3

**CHICKPEAS XPR 3**

Concave 6-12  
 Rotor 380-580  
 Fan 1000-1100  
 Top Sieve 12-17  
 Bottom Sieve 5-9  
 Pre-Sieve 3

**EDIBLE BEANS XPR 3**

Concave 15-18  
 Rotor 380-500  
 Fan 1000-1200  
 Top Sieve 16-19  
 Bottom Sieve 10-13  
 Pre-Sieve 3  
 Green Pods

**EDIBLE BEANS XPR 3**

Concave 20-24  
 Rotor 280-340  
 Fan 1000-1150  
 Top Sieve 16-19  
 Bottom Sieve 10-13  
 Pre-Sieve 3  
 Some Green Pods

**EDIBLE BEANS XPR 3**

Concave 25-35  
 Rotor 260-320  
 Fan 900-1100  
 Top Sieve 16-19  
 Bottom Sieve 10-13  
 Pre-Sieve 3  
 Dry

**FIELD PEAS XPR 3**

Concave 15-20  
 Rotor 260-3380  
 Fan 750-950  
 Top Sieve 16-19  
 Bottom Sieve 8-12  
 Pre-Sieve 3

**MILO XPR 3**

Concave 2  
 Rotor 660  
 Fan 1200  
 Top Sieve 7  
 Bottom Sieve 3  
 Pre-Sieve 3  
 ~10-12% ~40 Bu

**OATS XPR 3**

Concave 15-17  
 Rotor 480-580  
 Fan 900-1000  
 Top Sieve 16  
 Bottom Sieve 12  
 Pre-Sieve 3

**RICE XPR 3**

Concave 5-8  
 Rotor 450-550  
 Fan 1000-1200  
 Top Sieve 12-18  
 Bottom Sieve 4-8  
 Pre-Sieve 3

**FLAX XPR 3**

Concave 0-6  
 Rotor 750-950  
 Fan 800-950  
 Top Sieve 7-12  
 Bottom Sieve 1-4  
 Pre-Sieve 2

**MILO XPR 3**

Concave 9-10  
 Rotor 640-680  
 Fan 1200  
 Top Sieve 12  
 Bottom Sieve 5  
 Pre-Sieve 3  
 ~10% ~40-60 Bu

**OATS XPR 3**

Concave 12-14  
 Rotor 600-750  
 Fan 900-1000  
 Top Sieve 13  
 Bottom Sieve 7  
 Pre-Sieve 3

**RICE XPR 3**

Concave 8-18  
 Rotor 700-850  
 Fan 1000-1200  
 Top Sieve 16  
 Bottom Sieve 8  
 Pre-Sieve 3

**LENTILS XPR 3**

Concave 8-14  
 Rotor 320-500  
 Fan 750-950  
 Top Sieve 12-14  
 Bottom Sieve 4-6  
 Pre-Sieve 3

**MILLET XPR 3**

Concave 4-6  
 Rotor 300-500  
 Fan 700-900  
 Top Sieve 8-13  
 Bottom Sieve 2-6  
 Pre-Sieve 3

**POPCORN XPR 3**

Concave 22-28  
 Rotor 220-280  
 Fan 1050-1240  
 Top Sieve 17-20  
 Bottom Sieve 12-15  
 Pre-Sieve 3

**RYE XPR 3**

Concave 4-8  
 Rotor 650-920  
 Fan 850-950  
 Top Sieve 13-17  
 Bottom Sieve 2-5  
 Pre-Sieve 3

**SESAME XPR 3**

Concave 15-25

Rotor 220-300

Fan 550-650

Top Sieve 0

Bottom Sieve 0

Pre-Sieve 2

**SUNFLOWERS XPR 3**

Concave 32-45

Rotor 240-340

Fan 750-950

Top Sieve 10-14

Bottom Sieve 9-12

**SUNFLOWERS XPR 3**

Concave 23-28

Rotor 280-380

Fan 900-1100

Bottom Top Sieve 13-15

Sieve 7-10

CROP NOT LISTED?

email us at: [contact@estesperformanceconcaves.com](mailto:contact@estesperformanceconcaves.com)

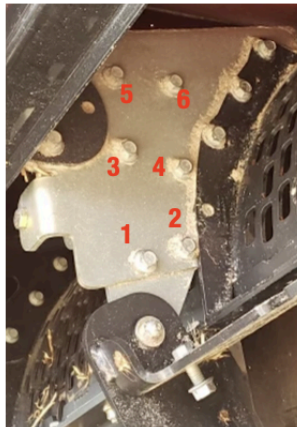
How To Setup Harvest Command

<https://bit.ly/3k7AA3T>

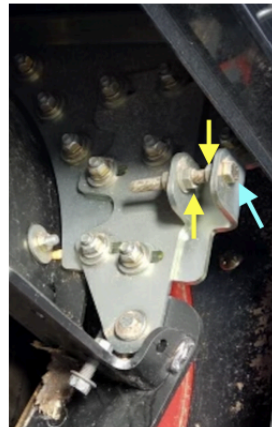
## Installation

FLAGSHIP

- 01 ZERO THRESHING CLEARANCE**  
From the cab, set concave to 0.
- 02 REMOVE OEM & INSTALL XPR2 CONCAVES**  
Concaves marked L1 & R1 (angled bars) go in the 1st position (closest to header). L2 & R2 go in the 2nd position
- 03 REMOVE OEM & INSTALL XPR2 GRATES**  
Grates marked L & R. If you have two grates, they go in the 3rd position. If you have four, 3rd & 4th position.
- 04 SET ALL VANES TO SLOW (ALL CROPS). (Straight bars on back of rotor are ok, but if they use too much HP, may want to install our rotor bars in place (see store link at [SETMYCOMBINE.COM](https://www.setmycombine.com)))**
- 05 SHIFT ROTOR CAGE**



Set concave to 0. **LOOSEN** the bolts on both the front and rear module carrier supports on right side of machine. 6 bolts shown, some may only have 4 bolts. Shift cage, **ALL THE WAY** to the **RIGHT** (pull cage towards you.)



Adjust the nuts (yellow arrow) closer together. Tighten the draw bolt (blue arrow) moving the rotor cage to the right (as if sitting in drivers seat). Tighten draw bolt until the rotor bars ting the concaves when you spin the rotor, then back off until the ting stops. Tighten the bolts on the front and rear module carrier supports 103 ft lbs

**\*Ticks on bars 9 or 10 when shifting the rotor cage**

## ROTOR BARS

You do **NOT** have to change rotor bars for our system. Many ask about various configurations and it really all depends on crops and how green they are. We recommend you put 6 to 8 **spike bars** on back of rotor if you have heavy straw in wheat, green stem beans, corn sprayed heavily with fungicide, etc. The spike bars help break up material. If you are harvesting corn and beans only, then you can run 4 to 8 **straight bars** on back of the rotor in place of regular rasp bars as many find they help get more grain out / less rotor loss. **The different configurations have their various advantages and disadvantages but ultimately it all depends on your crops and conditions but changing them from regular rasp bars are not necessary.**

## COVER PLATES

**NO** cover plates for XPR3 systems.