

LEXION 7000 – 8000 starting crop settings and guide



LEXION 8000 – 7000 series starting crop settings and guide: Alfalfa

Cleaning fan reduction pulley required to achieve optimal cleaning fan speed.

A fixed hole lower sieve can be used to further improve cleaning performance (available from CLAAS parts)

Feederhouse drum position	Up, down if in rocks	Rotor speed	640 rpm
Feederhouse speed	750 rpm	Rotor cover plates	1 & 2 closed, more as needed
Pre-concave types	<u>6.5 mm smooth</u> or 6.5 mm keystock	Cleaning fan speed (reduction pulley)	400 – 500 rpm
Pre-concave flaps (dis-awning plates)	Open	Upper sieve	Standard: 2 TM6: 4
Concave bar	Engaged (out)	Lower sieve	Standard: 2 TM6: 2 Round hole sieve optional
Concave gap	11 mm	Chopper speed	High
Threshing cylinder speed range	High	Stationary knives	Engaged 50 – 100%
Threshing cylinder speed	720 rpm	Friction plate (TC, PC)	
Threshing concave cover	Closed		

Swath conditions	Dry	Moderate	Green
Threshing (rpm) adjust in 3 – 5 rpm increments	700 – 720	730 – 740	750 – 760
Concave (mm) adjust in 1 – 3 mm increments	10 – 11	11 – 12	12 – 13
Rotor (rpm) adjust in 5 – 10 rpm increments	640	640 – 660	660 – 680

LEXION 8000 – 7000 series starting crop settings and guide: Barley

For high straw quality in dry easy-to-thresh conditions, refrain from using the intensive threshing segments

Feederhouse drum position	Up, down if in rocks	Rotor speed	800 rpm
Feederhouse speed	750 rpm	Rotor cover plates	Open, close as needed
Pre-concave types	6.5 mm, 10 mm, 12 mm	Cleaning fan speed	1100 rpm
Pre-concave flaps (dis-awning plates)	Closed	Upper sieve	Deep-tooth: 9 Standard: 15 TM6: 17
Concave bar	Engaged (out), use as needed	Lower sieve	Deep-tooth: 0 - 2 CB22: 4 Standard: 9 TM6: 11
Concave gap	14 mm	Chopper speed	High
Threshing cylinder speed range	High	Stationary knives	Engaged 50 – 100%
Threshing cylinder speed	600 rpm	Friction plate (TURBO CHOP only)	Engaged as needed
Threshing concave cover	Open		

	9 – 10%	11 – 12%	13 – 14%	15 – 16%	17 – 18%
Threshing (rpm) adjust in 3 – 5 rpm increments	550 – 560	570 – 580	590 – 600	620 – 640	660 – 680
Concave (mm) adjust in 1 – 2 mm increments	9 – 10	11 – 12	13 – 14	13 – 16	13 – 18
Rotor (rpm) adjust in 5 – 10 rpm increments	750 – 760	770 – 780	790 – 800	820 – 840	860 – 880

LEXION 8000 – 7000 series starting crop settings and guide: (Malting) Barley

For high straw quality and very dry conditions, refrain from using intensive threshing segments

Feederhouse drum position	Up, down if in rocks	Rotor speed	800 rpm
Feederhouse speed	750 rpm	Rotor cover plates	Open, clos as needed
Pre-concave types	6.5 mm, 10 mm, 12 mm	Cleaning fan speed	1100 rpm
Pre-concave flaps (dis-awning plates)	Open	Upper sieve	Deep-tooth: 9 Standard: 15 TM6: 17
Concave bar	Not engaged (in)	Lower sieve	Deep-tooth: 0 - 2 CB22: 4 Standard: 9 TM6: 11
Concave gap	21 mm	Chopper speed	High
Threshing cylinder speed range	High	Stationary knives	Engaged 50 – 100%
Threshing cylinder speed	440 rpm	Friction plate (TURBO CHOP only)	Engaged as needed
Threshing concave cover	Open		

	9 – 10%	11 – 12%	13 – 14%	15 – 16%	17 – 18%
Threshing (rpm) adjust in 3 – 5 rpm increments	420 – 440	420 – 440	440 – 460	480 – 500	520 – 540
Concave (mm) adjust in 1 – 3 mm increments	13 – 15	17 – 19	21 – 23	21 – 24	21 – 24
Rotor (rpm) adjust in 5 – 10 rpm increments	710 – 720	630 – 640	800 – 840	860 – 870	720 – 740

LEXION 8000 – 7000 series starting crop settings and guide: Blue grass

Cleaning fan reduction pulley required to achieve optimal cleaning fan speed

Feederhouse drum position	Up, down if in rocks	Rotor speed	800 rpm
Feederhouse speed	750 rpm	Rotor cover plates	2 – 3 closed, more if needed
Pre-concave types	<u>6.5 mm smooth</u> or 6.5 mm keystone	Cleaning fan speed (reduction pulley)	420 rpm
Pre-concave flaps (dis-awning plates)	Closed	Upper sieve	Standard: 15 TM6: 15
Concave bar	Not engaged (in)	Lower sieve	Standard: 8 TM6: 8
Concave gap	12 mm	Chopper speed	High
Threshing cylinder speed range	High	Stationary knives	Engaged 100%
Threshing cylinder speed	480 rpm	Friction plate (TURBO CHOP only)	Engaged as needed
Threshing concave cover	Closed		

Swath conditions	Dry	Moderate	Green
Threshing (rpm) adjust in 3 – 5 rpm increments	460 – 480	490 – 510	520 – 540
Concave (mm) adjust in 1 – 3 mm increments	10 – 12	11 – 13	14 – 16
Rotor (rpm) adjust in 5 – 10 rpm increments	800	800	800

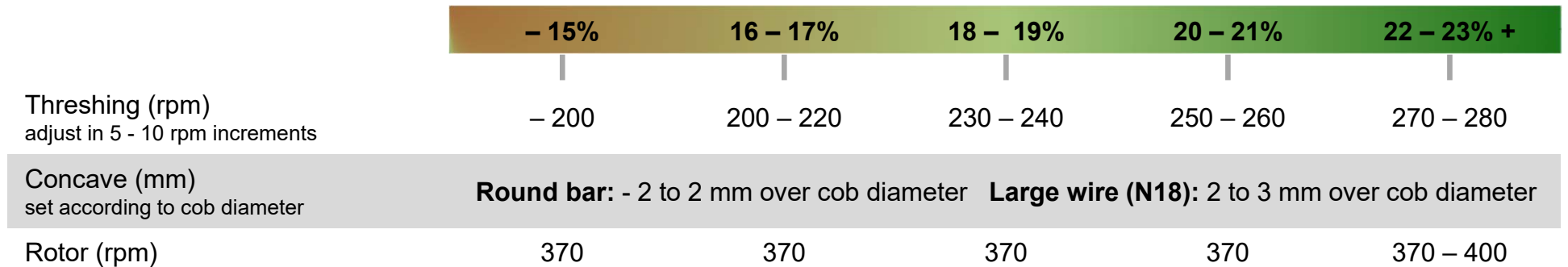
LEXION 7000 – 8000 series starting crop settings and guide: Canola

Feederhouse drum position	Up, down if in rocks	Rotor speed	640 rpm
Feederhouse speed	750 rpm	Rotor cover plates	1 & 2 closed, 3 & 4 as needed
Pre-concave types	6mm smooth or 6mm key-stock	Cleaning fan speed	Dry: 900 – 1000 rpm Green: up to 1200 rpm
Pre-concave flaps (dis-awning plates)	No (small grains), Optional (Corn)	Upper sieve	Deep-tooth: 9 Standard: 12 TM6: 13
Concave bar	Not engaged (in)	Lower sieve	Deep-tooth: 0 CB22: 2 – 4 Standard: 6 TM6: 7
Concave gap	21 mm	Chopper speed	High
Threshing cylinder speed range	High	Stationary knives	Engaged 50 – 100%
Threshing cylinder speed	440 rpm	Friction plate (TURBO CHOP & PRO CHOP)	As needed
Concave cover plate	Use as needed		

	Dry	Moderate	Green
Threshing (rpm) adjust in 3 – 5 rpm increments	420 – 440	450 – 470	480 – 500
Concave (mm) adjust in 1 – 3 mm increments	19 – 21	22 – 24	22 – 27
Rotor (rpm) adjust in 5 – 10 rpm increments	620 – 640	650 – 670	680 – 700

LEXION 7000 – 8000 starting crop settings and guide: Corn

Feederhouse drum position	Up	Rotor speed	370 – 400 rpm
Feederhouse speed	700 rpm	Rotor cover plates	All open
Pre-concave types	19x40 mm or round bar	Cleaning fan speed	1100 – 1200 rpm
Pre-concave rear filler plate	Not installed	Upper sieve (0 – 20 scale)	Deep-tooth: 17 Standard: 18
Dis-awning plates	Open	Lower sieve (0 – 20 scale)	Deep-tooth: 13 CB22: 15 Standard: 15
Intensive threshing segments	Not installed	Chopper speed	Low
Concave gap	28 mm	Stationary knives	Disengaged
Threshing cylinder speed range	Low	Friction plate (TC, PC)	Disengaged
Threshing cylinder speed	330 rpm		
Concave cover plates	No		



LEXION 7000 – 8000 series starting crop settings and guide: High moisture corn

Feederhouse drum position	Up	Rotor speed	400 rpm
Feederhouse speed	700 – 750 rpm	Rotor cover plates	All open
Pre-concave types	19x40 mm or round bar	Cleaning fan speed	1200 – 1300 rpm
Pre-concave rear filler plate	Not installed	Upper sieve	Deep-tooth: 17 Standard: 18 – 20
Dis-awning plates	Open	Lower sieve	Deep-tooth: 15 CB22: 14 Standard: 18 – 20
Intensive threshing segments	Not installed	Chopper speed	Low
Concave gap	28 mm	Stationary knives	Disengaged
Threshing cylinder speed range	Low	Friction plate (TC, PC)	Disengaged
Threshing cylinder speed	380 rpm		
Concave cover plates	No		

	24 – 25%	26 – 27%	28 – 29%	30 – 31%	32 - 33%
Threshing (rpm) adjust in 5 - 10 rpm increments	240 – 260	300 - 320	320 – 340	340 – 360	360 – 380
Concave (mm) set according to cob diameter	Round bar: - 2 to 2 mm over cob dia. Large wire (N18): 2 to 3 mm over cob diameter				
Rotor (rpm)	370 – 400	370 – 400	370 – 400	400 – 420	400 – 450

LEXION 7000 – 8000 series starting crop settings and guide: Edible beans

Feederhouse drum position	Up, down if in rocks	Rotor speed	450 rpm
Feederhouse speed	650 – 700 rpm	Rotor cover plates	As needed
Pre-concave types	10mm wire, 12x40, 19x40, Round bar	Cleaning fan speed	1150 – 1200 rpm
Pre-concave rear filler plate	Not installed	Upper sieve	Deep-tooth: 10 Standard: 16 TM6: 18
Dis-awning plates	Open, close as needed	Lower sieve	Deep-tooth: 0 – 4 CB22: 4 – 6 Standard: 12 TM6: 14
Intensive threshing segments	Not installed.	Chopper speed	High
Concave gap	18 mm	Stationary knives	Engaged 100%
Threshing cylinder speed range	Low	Friction plate (TURBO CHOP only)	As needed
Threshing cylinder speed	330 rpm		
Concave cover plate	No		

	0 – 8%	8 – 9%	10 – 11%	12 – 13%	14 – 15	16 – 17% +
Threshing (rpm) adjust in 2 – 3 rpm increments	250	250 – 260	260 – 270	270 – 290	290 – 310	310 – 350
Concave (mm) adjust in 1 mm increments	14 – 25	14 – 20	14 – 20	12 – 18	12 – 18	12 – 18
Rotor (rpm) adjust in 5 – 10 rpm increments	370 – 400	370 – 400	370 – 400	370 – 400	390 – 410	410 – 450

LEXION 7000 – 8000 series starting crop settings and guide: Flax

Feederhouse drum position	Down	Rotor speed	800 rpm
Feederhouse speed	750 rpm	Rotor cover plates	Close 1, more as needed
Pre-concave types	6.5 mm or 10 mm	Cleaning fan speed	800 – 900 rpm
Pre-concave rear filler plate	Not installed	Upper sieve	Standard: 10 TM6: 10
Dis-awning plates	Open, close as needed	Lower sieve	Standard: 3 TM6: 5
Concave bar	Not installed.	Chopper speed	High
Concave gap	10 mm	Stationary knives	Engaged 50 – 100%
Threshing cylinder speed range	Low	Friction plate (TURBO CHOP only)	As needed
Threshing cylinder speed	440 rpm		
Concave cover plate	No		

	- 7 %	7 – 8%	9 – 10%	11 – 12%	13% +
Threshing (rpm) adjust in 3 – 5 rpm increments	- 530	530 – 540	550 – 560	570 – 580	600 –
Concave (mm) adjust in 1 – 3 mm increments	- 13	12 – 11	11 – 10	10 – 9	10 – 9
Rotor (rpm) adjust in 5 – 10 rpm increments	- 770	780 – 790	800 – 860	870 – 880	900 –

LEXION 7000 – 8000 series starting crop settings and guide: Camelina (wild flax)

Feederhouse drum position	Down	Rotor speed	800 rpm
Feederhouse speed	750 rpm	Rotor cover plates	Close 1, more as needed
Pre-concave types	6.5 mm or 10 mm	Cleaning fan speed	800 – 900 rpm
Pre-concave rear filler plate	Not installed	Upper sieve	Standard: 10 TM6: 10
Dis-awning plates	Open, close as needed	Lower sieve	Standard: 3 TM6: 5
Concave bar	Not installed.	Chopper speed	High
Concave gap	10 mm	Stationary knives	Engaged 50 – 100%
Threshing cylinder speed range	Low	Friction plate (TURBO CHOP only)	As needed
Threshing cylinder speed	440 rpm		
Concave cover plate	No		

	- 7 %	7 – 8%	9 – 10%	11 – 12%	13% +
Threshing (rpm) adjust in 3 – 5 rpm increments	- 530	530 – 540	550 – 560	570 – 580	600 –
Concave (mm) adjust in 1 – 3 mm increments	- 13	12 – 11	11 – 10	10 – 9	10 – 9
Rotor (rpm) adjust in 5 – 10 rpm increments	- 770	780 – 790	800 – 860	870 – 880	900 –

LEXION 700 series starting crop settings and guide: Grass seed (tall fescue, rye, ...)

Cleaning fan reduction pulley required to achieve optimal cleaning fan speed

Feederhouse drum position	Up, down if in rocks	Rotor speed	750 rpm
Feederhouse speed	750 rpm	Rotor cover plates	2 – 4 closed, more if needed
Pre-concave types	6.5 mm keystick	Cleaning fan speed (reduction pulley)	650 rpm
Pre-concave rear filler plate	Installed	Upper sieve	Standard: 15 TM6: 15
Dis-awning plates	Open, close as needed	Lower sieve	Standard: 10 TM6: 10
Intensive threshing segments	Installed as needed	Chopper speed	High
Concave gap	35 mm	Stationary knives	Engaged 100%
Threshing cylinder speed range	High	Friction plate (TURBO CHOP only)	Engaged as needed
Threshing cylinder speed	650 rpm		
Concave filler strips	4-6 installed on N18 large wire, start a row 2		

Swath conditions	Dry	Moderate	Green
Threshing (rpm) adjust in 3 – 5 rpm increments	630 – 650	650 – 670	670 – 690
Concave (mm) adjust in 1 – 3 mm increments	30 – 35	35 – 37	35 – 37
Rotor (rpm) adjust in 5 – 10 rpm increments	730 – 750	750 – 770	770 – 790

LEXION 7000 – 8000 series starting crop settings and guide: Lentils

Feederhouse drum position	Up, down if in rocks	Rotor speed	500 rpm
Feederhouse speed	750 rpm	Rotor cover plates	Open, close as needed
Pre-concave types	10 mm wire, 12x40	Cleaning fan speed	1200 rpm
Pre-concave rear filler plate	Not installed	Upper sieve	Standard: 16 TM6: 16
Dis-awning plates	Open, close as needed	Lower sieve	Standard: 12 TM6: 12
Intensive threshing segments	Not installed.	Chopper speed	High
Concave gap	25 mm	Stationary knives	Engaged 50 – 100%
Threshing cylinder speed range	Low	Friction plate (TURBO CHOP only)	As needed
Threshing cylinder speed	330 rpm		
Concave cover plate	As needed		

	- 13 %	14%	15%	16%	17% +
Threshing (rpm) adjust in 3 – 5 rpm increments	250 – 290	290 – 310	310 – 330	330 – 350	350 – 370
Concave (mm) adjust in 1 – 3 mm increments	19 – 25	21 – 25	23 – 25	25 – 27	27 – 29
Rotor (rpm) adjust in 5 – 10 rpm increments	370 – 400	430 – 410	410 – 500	500 – 520	520 – 550

LEXION 7000 – 8000 series starting crop settings and guide: Soybeans

Feederhouse drum position	Up, down if in rocks	Rotor speed	640 rpm
Feederhouse speed	650 – 700 rpm	Rotor cover plates	As needed
Pre-concave types	10 or 12x40 mm	Cleaning fan speed	1150 – 1200 rpm
Pre-concave rear filler plate	Not installed	Upper sieve	Deep-tooth: 9 Standard: 15 TM6: 15
Dis-awning plates	As needed	Lower sieve	Deep-tooth: 0 – 2 CB22: 4 – 6 Standard: 10 TM6: 10
Intensive threshing segments	Not installed.	Chopper speed	High
Concave gap	26 mm	Stationary knives	Engaged 100%
Threshing cylinder speed range	High	Friction plate (TURBO CHOP only)	As needed
Threshing cylinder speed (low range)	340 rpm		
Concave cover plate	No		

	- 7%	8 – 9%	10 – 11%	12 – 13%	14 – 15% +
Threshing (rpm) adjust in 3 – 5 rpm increments	220 – 250	250 – 280	280 – 310	310 – 330	330 – 360
Concave (mm) adjust in 1 – 3 mm increments	14 – 18	19 - 20	20 – 22	20 – 24	20 – 24
Rotor (rpm) adjust in 5 – 10 rpm increments	550	550 – 580	580 – 620	620 – 700	700 – 750

LEXION 7000 – 8000 series starting crop settings and guide: Green-stem soybeans

Feederhouse drum position	Up, down if in rocks	Rotor speed	650 – 680 rpm
Feederhouse speed	650 – 700 rpm	Rotor cover plates	As needed
Pre-concave types	10 or 12x40 mm	Cleaning fan speed	1150 – 1200 rpm
Pre-concave rear filler plate	Not installed	Upper sieve	Deep-tooth: 9 Standard: 15 TM6: 15
Dis-awning plates	As needed	Lower sieve	Deep-tooth: 0 – 2 CB22: 4 – 6 Standard: 10 TM6: 10
Intensive threshing segments	Not installed.	Chopper speed	High
Concave gap	19 mm	Stationary knives	Engaged 100%
Threshing cylinder speed range	High	Friction plate (TURBO CHOP only)	As needed
Threshing cylinder speed	450 – 480 rpm		
Concave cover plate	No		

	- 7%	8 – 9%	10 – 11%	12 – 13%	14 – 15% +
Threshing (rpm) adjust in 3 – 5 rpm increments	220 – 250	250 – 280	280 – 320	320 – 360	360 – 400
Concave (mm) adjust in 1 – 3 mm increments	14 – 18	19 - 20	20 – 22	20 – 24	20 – 24
Rotor (rpm) adjust in 5 – 10 rpm increments	550	550 – 580	580 – 620	620 – 700	700 – 750

LEXION 7000 – 8000 series starting crop settings and guide: Wheat

Feederhouse drum position	Up, down if in rocks	Rotor speed	800 rpm
Feederhouse speed	750 rpm	Rotor cover plates	As needed
Pre-concave types	10 or 12x40 mm	Cleaning fan speed	1100 – 1200 rpm
Pre-concave rear filler plate	Not installed	Upper sieve	Deep-tooth: 9 Standard: 15 TM6: 15
Dis-awning plates	As needed	Lower sieve	Deep-tooth: 0 CB22: 4 Standard: 10 TM6: 10
Intensive threshing segments	Not installed.	Chopper speed	High
Concave gap	14 mm	Stationary knives	Engaged 100%
Threshing cylinder speed range	High	Friction plate (TURBO CHOP only)	As needed
Threshing cylinder speed	600 rpm		
Concave filler plate	No (small grains), Yes (Corn)		





	- 9%	10 – 12%	13 – 15%	16 – 18%	19 – 21% +
Threshing (rpm) adjust in 3 – 5 rpm increments	550 – 600	600 – 650	650 – 700	700 – 750	750 – 800
Concave (mm) adjust in 1 – 3 mm increments	10 - 14	14 – 16	16 – 17	16 – 17	16 – 17
Rotor (rpm) adjust in 5 – 10 rpm increments	700 – 750	750 – 780	810 – 840	840 – 870	870 – 900

LEXION 7000 – 8000 series starting crop settings and guide: **Sesame**




Feederhouse drum position	Down	Rotor speed	510 rpm
Feederhouse speed	380 – 400 rpm	Rotor cover plates	As needed
Pre-concave types	10 or 12x40 mm	Cleaning fan speed	950 – 1000 rpm
Pre-concave rear filler plate	Not installed	Upper sieve	Deep-tooth: 0 Standard: 6 TM6: 7
Dis-awning plates	As needed	Lower sieve	Deep-tooth: 0 CB22: 3 Standard: 4 TM6: 5
Intensive threshing segments	Not installed.	Chopper speed	High
Concave gap	19 mm	Stationary knives	Engaged 100%
Threshing cylinder speed range	Low	Friction plate (TURBO CHOP only)	As needed
Threshing cylinder speed	450 rpm		
Concave filler plate	No (small grains), No (Corn)		

Swath conditions	Dry	Moderate	Green
Threshing (rpm) adjust in 3 – 5 rpm increments	350 – 450	450 – 470	470 – 480
Concave (mm) adjust in 1 – 3 mm increments	19	17 – 19	15 – 17
Rotor (rpm) adjust in 5 – 10 rpm increments	490 – 510	510 – 530	530 – 550

Tips for harvesting corn

Dry corn (<17%)	Lodged (down) corn	Soft / spongy cobs	High moisture corn
			
<ul style="list-style-type: none"> ▪ Smooth corn grates or round-bar grates ▪ Threshing speeds below < 340 rpm (700 series), < 250 rpm (8000 – 7000) ▪ Slow rotor speeds (< 400 rpm) ▪ Start by dropping chopper to make sure no kernels are being left on the cob... kernels left on the cob will not set off the loss sensors 	<ul style="list-style-type: none"> ▪ Use auto-pilot to keep the combine and head on the rows (best way to harvest down corn) ▪ Remove one or both ear saver to prevent stalks from hanging up ▪ Timing gathering chain teeth helps pull stalks off the ground (warning: watch for rocks), as well as reduces the action on brittle stocks ▪ Keep head flat as possible using the HP feederhouse adjustment and adjust the points downward (manually) to get under the stalks. 	<ul style="list-style-type: none"> ▪ If the cobs bend or split when hand shelling – set concave 2-3 mm over cob diameter (increase as necessary) to keep from compressing the cob and blowing out its sides causing the threshing cylinder to rip them apart ▪ Wider concave may require faster threshing speeds ▪ Rotors can be used to help remove kernels (450 – 550 rpm)... above 450 rpm may require the operator to slow down to avoid loss in drier conditions ▪ Start by dropping chopper to make sure no kernels are being left on the cob 	<ul style="list-style-type: none"> ▪ Smooth corn grates or round-bar grates ▪ Threshing speeds 380 – 450 rpm (700 series), 320 – 380 rpm (8000 – 7000 series) ▪ Rotor speeds: 400 – 550 rpm ▪ Fan speed: 1200 rpm ▪ Upper sieve 14+ ▪ Lower sieve: 20 – 27 ▪ Drop chopper to make sure no kernels are being left on the cob

Tips for harvest corn

Specialty / food grade	Popcorn		
 			
<ul style="list-style-type: none"> ▪ Harvested < 18% ▪ Smooth corn grates or round-bar grates ▪ Threshing speeds 200 – 300 rpm ▪ Adjust rear of concave to match front ▪ Set concave slightly over cob diameter ▪ Reduce cylinder speed until rotor loss begins ▪ Adjust rotor speed to minimize loss <ul style="list-style-type: none"> – Slower ground speed may be required to minimize grain loss due to a larger volume of un-threshed crop entering the rotors 	<ul style="list-style-type: none"> ▪ Harvested < 20% ▪ Very small ears / cobs and stalks ▪ Smooth or round bar grates preferred ▪ Dis-awning plates may need to be closed to create more crop-on-crop rubbing action ▪ Set concave according to cob diameter ▪ Threshing speed: 250 – 350 rpm (700 series), 190 – 200 rpm (8000 – 7000) ▪ Rotor speed: 400 rpm ▪ Rotor cover plates optional (as needed) ▪ Loss sensors set to 90 ▪ Feederhouse speed: <350 rpm ▪ Make sure corn head deck plate stationary side is adjusted all the way in for the narrowest gap when closed 		

Tips for harvesting soybeans

Dry stems & pods



- < 380 rpm feederhouse speed
- Smooth or round-bar grates used (dis-awning plates may need to be closed)
- Low-range threshing with V-plates
- Rotors: 100 rpm over threshing speed
- Close first set of rotor cover plates to help cleaning and reduce returns
- Harvest at a 10 - 15° angle to the rows for more efficient cutting
- Feederhouse drum up if rocks aren't present
- Set reel tines perpendicular to the cutter bar at a height where the tines are half way in the crop

Lodged plants



- Reduce ground speed to ensure that the cutter bar is not riding over any plants
- Harvest at 10 – 15° to the rows
- Severe lodging – harvest plant tips first
- Adjust the reel out to about 12" in front of the cutter bar with its reel-tine angle set inward to lift the plants for improved cutting performance
- Operate the reel as low as necessary to lift the plants
- Reel speed may need to be increased slightly to aid in lifting and feeding the plants into the cutter bar

Green-stems, dry pods



- Use 10mm wire or 12mm keystone grates
- Thresh in high range without V-plates... Low range can be tried with V-plates only
- Rotors: 100 – 150+ rpm over threshing speed
- Reel tines perpendicular to the cutter bar

Green-stems, pods & leaves



- Use 10mm wire or 12mm keystone grates
- Thresh in high range (with or without V-plates)
- Rotors: 100 – 200+ rpm over threshing speed
- Reel tines perpendicular to the cutter bar

Tips for harvesting small grains

Whitecaps in sample	Too much trash (FM)	Long straw	
			
<ul style="list-style-type: none">▪ Un-threshed kernels▪ Tighten concave until removed▪ Tighten lower sieve until removed (watch not to overload returns)▪ Install cover plate under pre-concave▪ Install filler strips (wire concave only)▪ Install intensive threshing segments (round bar concave)<ul style="list-style-type: none">- May increase damage to straw, especially in dry conditions	<ul style="list-style-type: none">▪ Increase fan speed in 10 rpm increments▪ Tighten sieves in 2 mm increments▪ Upper sieve for large pieces (straw)▪ Lower for Unthreshed heads	<ul style="list-style-type: none">▪ Avoid harvesting when crop is very dry▪ Don't set concave too tight: > 12 mm▪ Reduce threshing speed until rotor loss starts to increase▪ Reduce rotor speed in 20 rpm increments, not going below 100 rpm over threshing speed▪ Do not use intensive threshing segments	