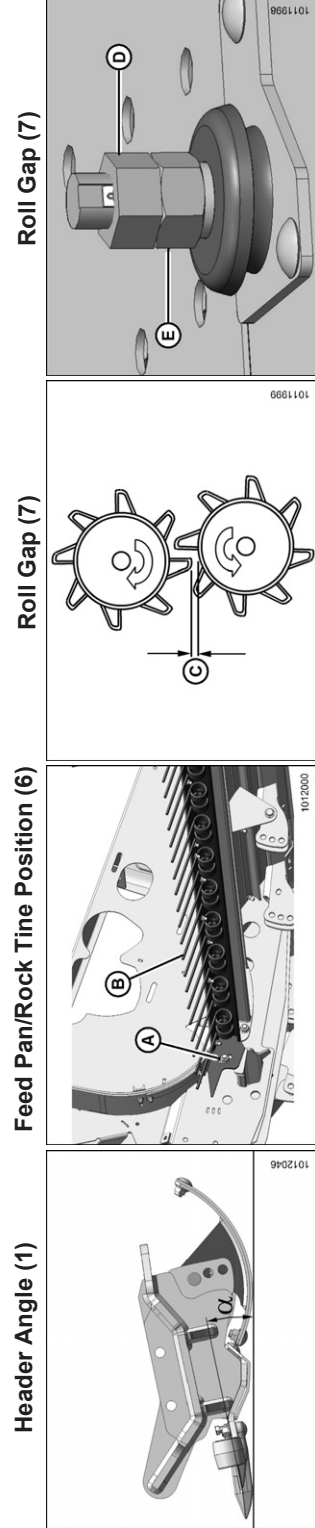


Settings intended as a starting point. Adjust to crop and field conditions.

Subject to change without notice

A-Series Auger Header Quick Card

Operating Variables		A-Series Model									
		A40-D Self-Propelled	A30-D Pull-Type								
Header Angle (1)	Header angle is the angle between the guards and the ground. Adjustable to accommodate soil type and/or conditions.	Mechanical Link: Indicated by length of link: <ul style="list-style-type: none"> • Short for shallow • Long for steep Hydraulic Link: Indicated by gauge on cylinder: <ul style="list-style-type: none"> • No holes exposed for shallow • All holes exposed for steep 									
Knife Speed (2)	<ul style="list-style-type: none"> • Heavier grass crops require higher knife speeds. • Lighter grass and hay crops require lower knife speeds. Knife speed (SPM)	Displayed as strokes per minute on the windrower cab display module (CDM). Adjust with controls in windrower cab.	Factory: <table border="1"> <tr><td>No load</td><td>1983</td></tr> <tr><td>Load</td><td>1912</td></tr> </table> Swapping pulleys: <table border="1"> <tr><td>No load</td><td>1749</td></tr> <tr><td>Load</td><td>1687</td></tr> </table>	No load	1983	Load	1912	No load	1749	Load	1687
No load	1983										
Load	1912										
No load	1749										
Load	1687										
Reel Speed (3)	<ul style="list-style-type: none"> • Operate the reel at suggested rpm in chart. • Reel speed can operate as a percentage of ground speed in certain windrower models. Refer to windrower operator's manual for detailed instructions. 	Displayed as mph, km/h, or rpm on the windrower cab display module (CDM). Adjust with controls in windrower cab.	Optional drive sprockets provide different ranges and also variable with tractor PTO speed.								
Auger Speed (4)	<ul style="list-style-type: none"> • Increase auger speed at high ground speed or in heavy crop conditions. • Decrease auger speed at low ground speed or in light crop conditions. • Refer to auger header operator's manual for detailed adjustment instructions 	Displayed as an index value on the cab display module (CDM). Values range from 4.7-9.9. Adjust with controls in windrower cab.	Optional drive sprockets provide different ranges and also variable with tractor PTO speed.								
Float (5)	<ul style="list-style-type: none"> • Normal float setting requires 75-85 lbf (334-378 N) of lifting force at front end of header, with lift cylinder retracted and header at desired cutting angle. • Increase float setting in rough terrain or at high ground speeds to prevent excessive header movement. 	Adjustable springs on the windrower header lift system. Use in-cab controls for fine adjustments.	Adjustable springs on header lift system.								
Feed Pan/Rock Drop Time Position (6)	<ul style="list-style-type: none"> • Lower the feed pan in heavy crop to help prevent plugging. • Raise the feed pan in light crop to form an even windrow. 		<ol style="list-style-type: none"> 1. Loosen bolt (A) at each end. 2. Move tines and pan (B) as required. 3. Tighten bolts (A). 								
Roll Gap (7)	Roll gap (C) determines the amount of conditioning and is preset at 1/4 in. (6 mm).		<ul style="list-style-type: none"> • Increase roll gap to reduce conditioning: Loosen jam nut (D), and turn lower nut (E) clockwise. Tighten jam nut (D). • Reduce roll gap to increase conditioning: Loosen jam nut (D) and turn lower nut (E) counterclockwise. Tighten jam nut (D). 								



NOTE: THESE SETTINGS ARE INTENDED AS A STARTING POINT. ADJUST TO CROP AND FIELD CONDITIONS.

Crop Type	Crop Condition (tons per acre)	Terrain	Stubble Height in. (mm)	Header Angle (1)	Knife Speed (2) (spm)	Reel Speed (3) (rpm)	Auger Speed (4) (4.7-9.9)	Float (5)	Feed Pan Position (6)	Roll Gap (7) in. (mm)
Alfalfa	> 3	Smooth Rocky	0	Steep Shallow	1600-1800	73-77	High	Normal Light	Lower Slot	5/8 (16)
	2-3	Smooth Rocky		Steep Shallow		70-75	Medium	Normal Light	Center Slot	1/2 (13)
	< 2	Smooth Rocky		Steep Shallow		65-70	Low	Normal/Heavy Light	Upper Slot	3/8 (10)
	Lodged	Smooth Rocky		Steep Shallow		73-77	High	Heavy Light/Normal	Variable	See above
Timothy	> 2.5	Smooth Rocky	2.5-3 (64-76)	Steep Shallow	1850-1950	70-75	Medium/High	Normal Light	Lower Slot	3/8 (10)
	< 2.5	Smooth Rocky		Steep Shallow		65-70	Low	Normal Light	Center Slot	1/4 (6)
	Lodged	Smooth Rocky		Steep Shallow		70-75	Medium/High	Heavy Light/Normal	Variable	See above
		Smooth Rocky		Steep Shallow		70-75	High	Normal Light	Lower Slot	3/4 (19)
Sudan/Tall Crop	> 3	Smooth Rocky	6 (152)	Steep Shallow	1700-1850	70-75	High	Normal Light	Lower Slot	5/8 (16)
	< 3	Smooth Rocky		Steep Shallow		65-70	Low	Normal Light	Center Slot	See above
	Lodged	Smooth Rocky		Steep Shallow		70-75	Medium/High	Heavy Light/Normal	Variable	See above
		Smooth Rocky		Steep Shallow		70-75	High	Normal Light	Lower Slot	1 (25)
Triticale (Winter forage)	> 10	Smooth Rocky	0	Steep Shallow	1600-1800	70-75	Medium/High	Normal/Heavy Light	Center Slot	1 (25)
	< 10	Smooth Rocky		Steep Middle		60-65	Medium/High	Normal/Heavy Light	Variable	See above
	Lodged	Smooth Rocky		Steep Middle		70-75	Medium/High	Heavy Light/Normal	Variable	See above
		Smooth Rocky		Steep Shallow		70-75	High	Normal Light	Lower Slot	3/8 (10)
Wild/Grass Hay	> 3.5	Smooth Rocky	0	Steep Shallow	1850-1950	73-77	High	Normal Light	Lower Slot	3/8 (10)
	2-3	Smooth Rocky		Steep Shallow		70-75	Medium	Normal Light	Center Slot	1/4 (6)
	< 2	Smooth Rocky		Steep Middle		65-70	Low/Medium	Normal/Heavy Light/Normal	Upper Slot	1/4 (6)
	Lodged	Smooth Rocky		Steep Middle		73-77	Medium/High	Heavy Light/Normal	Variable	See above

NOTE: REFER TO THE AUGER HEADER OPERATOR'S MANUAL FOR DETAILED ADJUSTMENT INSTRUCTIONS.

A	Lean Bar	<ul style="list-style-type: none"> Height should be set at 2/3 (two-thirds) of the crop height. In crops over 5 ft. (1.52 m), an optional Tall Crop Divider kit (MD #B4690) is available that includes lean bar extensions to raise the lean bar.
B	Skid Shoe	<ul style="list-style-type: none"> Cutting height is controlled with a combination of skid shoes or gauge rollers, and header angle adjustment—NOT with the header lift cylinders. Adjust as follows: <ol style="list-style-type: none"> Remove clevis pin (X). Adjust skid shoe (B). Install clevis pin (X).
C	Center Baffle (SP Only)	<ul style="list-style-type: none"> Use fully raised position for narrower windrows. Lower 1 or 2 notches to prevent crop from being projected over forming shield. Use fully lowered position for maximum swath width.
D	Reel Cam	<ul style="list-style-type: none"> The reel cam at the right end of the reel controls the aggressiveness of the reel tines which affects the crop flow into the auger. <p>NOTE: Right-hand cam is factory set with a 15/32 in. (12 mm) offset between front and rear bolt heights. Maintain offset throughout adjustment. Left-hand bolt heights are equal.</p> To change reel tine aggressiveness, loosen bolts securing cam disc to end sheet. Tighten bolts after adjusting cam disc. Refer to the header operator's manual. To increase tine aggressiveness, turn front adjuster bolt to lower the front of cam disc and turn the rear adjuster bolt to raise the rear of cam disc. Turn bolts by equal amounts. To decrease tine aggressiveness, turn front adjuster bolt to raise the front of cam disc and turn rear adjuster bolt to lower rear of cam disc. Turn bolts by equal amounts.
E	Rear Baffle	<ul style="list-style-type: none"> Raise or lower baffle to adjust the crop flow angle. NOTE: SP rear baffle has handles that must be loosened to move the baffle. Lower positions create fluffy windrows. If baffle is too low, an uneven windrow may result. When using the DWA (SP), position rear baffle in highest position. If necessary, lower the left side to direct crop onto the DWA belt.
F	Forming Shield Adjustment (SP Only)	<ul style="list-style-type: none"> Remove hairpin, and lower or raise shield with straps to the desired height. Install hairpin. Generally, the fourth hole from the top is a good starting position. Lower the shield if crop is not hitting the top cover. Use highest position with the DWA (Remove center deflectors to improve crop flow to DWA).
G	Forming Shield Deflectors	<ul style="list-style-type: none"> Adjust both side deflectors to the same hole position to ensure windrow placement is centered with respect to carrier/drive wheels.
H	Reel Position	<ul style="list-style-type: none"> Maintain 3/32–13/32 in. (2–10 mm) clearance between reel tines and pan. Reel can be moved forward to improve crop lifting action in lodged crops, or rearward for lighter crop conditions. The reel fore-aft offset is factory-set to 32-3/8 in. (816 mm) as measured from the inside edge of the reel tube to the back frame member. Recheck tine to pan clearance following reel fore/aft adjustments.
J	Auger to Stripper Bar Clearance	<ul style="list-style-type: none"> Maintain proper clearance between auger flighting and stripper bars. Refer to the header operator's manual.
K	Knife Hold-Down Adjustment	<ul style="list-style-type: none"> Perform knife hold-down adjustment daily to keep the knife in contact with the guard cutting surface. Refer to the header operator's manual.

