



CLOSING WHEEL STUDY

HIGH SPEED

PURPOSE

To determine what effect different closing wheels have on plant emergence and yield. Normal planting conditions were targeted in this study.

PARTICIPATING SITES

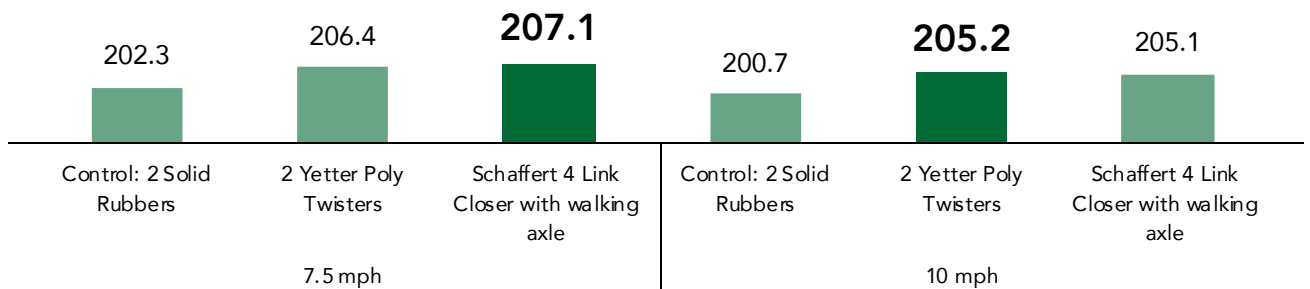
IN	KY	C.IL	S.IL	OH	IA
MN	WI	MI			

2020 RESULTS

PLANTING SPEED (MPH)	CLOSING WHEELS	EMERGED POPULATION	POPULATION DIFFERENCE	BU./A.	BU./A. DIFFERENCE
7.5	Control: 2 Solid Rubbers	33,217	--	207.2	--
	Schaffert 4 Link Closer with walking axle	33,144	-73	214.7	+7.5
	2 Yetter Poly Twisters	33,167	-50	212.6	+5.4
	Fully Automated FurrowForce™	33,133	-84	209.6	+2.4
10	Control: 2 Solid Rubbers	33,078	--	209.9	--
	Schaffert 4 Link Closer with walking axle	32,567	-511	212.9	+3.0
	Fully Automated FurrowForce™	32,839	-239	211.2	+1.3
	2 Yetter Poly Twisters	33,361	+283	211.1	+1.2

These results are based on the disclosed study parameters and participating sites.

2-YEAR MULTI-LOCATION CLOSING WHEEL - HIGH SPEED YIELD AVERAGE



Our two year multi-location data supports the importance of spiked closing wheel in high-speed planting. The concerns regarding the aggressiveness of these spiked closing wheels at higher speeds appear to be unfounded. Soil conditions at planting were much better this year, but the results were still favorable.



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HIGH SPEED

PURPOSE

To determine what effect different closing wheel systems have on plant emergence and yield in a high-speed application. Normal planting conditions were targeted in this study.

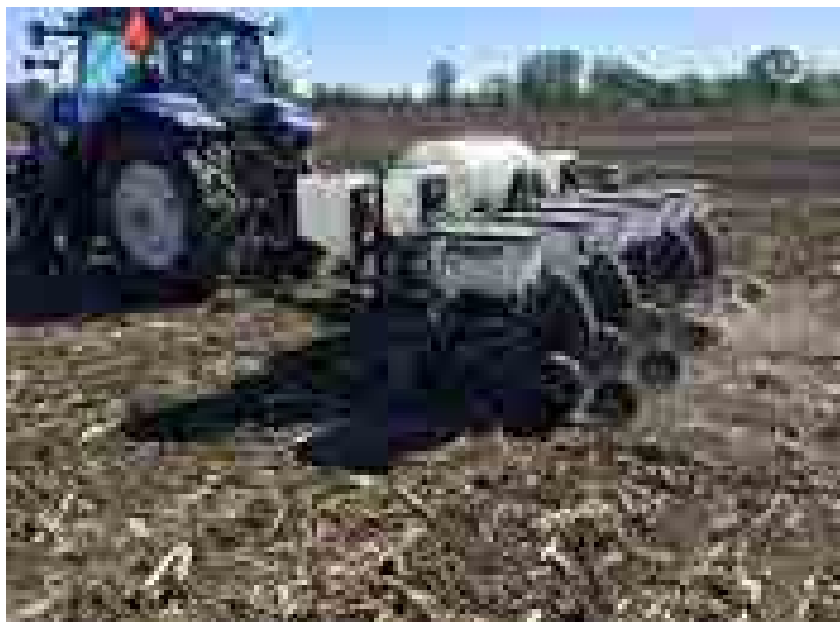
PARTICIPATING SITES

IN	KY	C.IL	S.IL	OH	IA
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2020 RESULTS

PLANTING SPEED (MPH)	CLOSING WHEELS	EMERGED POPULATION	POPULATION DIFFERENCE	BU./A.	BU./A. DIFFERENCE
7.5	Control: 2 Solid Rubbers	113,881	--	58.5	--
	Schaffert 4 Link Closer with walking axle	118,885	+5,004	61.5	+3.0
	2 Yetter Poly Twisters	109,626	-4,255	61.0	+2.5
	Fully Automated FurrowForce™	114,123	+242	60.1	+1.6
10	Control: 2 Solid Rubbers	110,755	--	58.8	--
	Schaffert 4 Link Closer with walking axle	113,075	+2,320	60.3	+1.5
	Fully Automated FurrowForce™	112,853	+2,098	60.2	+1.4
	2 Yetter Poly Twisters	112,026	+1,271	59.8	+1.0

These results are based on the disclosed study parameters and participating sites.



Schaffert 4 Link Closer with walking axle (Left Side of Planter) vs. Fully Automated FurrowForce™ (Right Side of Planter)



This multi-location data indicates that, compared to two solid rubber closing wheels, after-market closing wheels and closing wheel systems typically increase stand and yield in high-speed planting scenarios. These spiked closing wheels do not appear to be overly aggressive.