

Compaction Event Report: St. Clair

Date: March 20, 2026



Important Notice

The data presented in this report represents measurements taken from real world conditions in a agricultural setting. These measurements represent a snapshot in time and only a single field location or soil texture. Comparison of individual measurements should be done carefully to avoid misrepresentation of the data.

This report is presented as a companion to reports for similar events held across Ontario, and a more rigorous statistical analysis will be completed at a later date.

Contact Information

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Notes

Cover Photo Credit: Alex Barrie

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1 Location and Date

St Clair Region Soil and Crop Improvement Association hosted the event at Rutherford, Ontario. Soil type as mapped in the Ontario Survey Complex is a Brookston Clay, Hydrologic soil group D. Bolling Probe Data was collected on August 5, 6 and 7, 2025.

2 Ontario Soil Series Description

The soil is mapped as a Brookston Clay, and a confirmation was done with lab analysis that the area where testing was completed is consistent with a Brookston Clay. Hydrologic Soil Group D.

The following table is for the Brookston Clay soil.

Subgroup	Orthic Humic Gleysol
Family:	Clayey, mixed, non-shallow, alkaline, strongly calcareous, mild, aquic
Catena:	Huron2 (MW); Perth2 (I); Brookston (P)
Parent Materials:	Very calcareous fine till (morainal)
Surface Texture:	C, CL, SiL, SL
Topography/Slope:	Level to nearly level; ≤2% slopes
Pedological Region:	Essex (ESSX)
Legacy Reports:	Kent #3, Essex #11, Lambton #22

Table 1: Ontario Soil Series Information

3 Probe Locations

Table 3 shows the site label, texture and average soil moisture for 6 inch, 12 inch and 20 inch depths.

Location	6 inch depth		12 inch depth		20 inch depth	
	Texture	Moisture	Texture	Moisture	Texture	Moisture
R1-Dry	C	17.38%	C	16.76%	C	14.62%
R1-Wet	C	18.73%	C	23.12%	C	22.68%
R2-Dry	C	16.17%	C	12.53%	C	20.48%
R2-Wet	C	19.92%	C	26.52%	C	23.72%
R3-Dry	C	17.84%	C	15.45%	C	9.9%
R3-Wet	C	18.16%	C	19.45%	C	19.42%
R4-Dry	C	15.02%	C	13.72%	C	10.45%
R4-Wet	C	19.43%	C	18.95%	C	19.34%

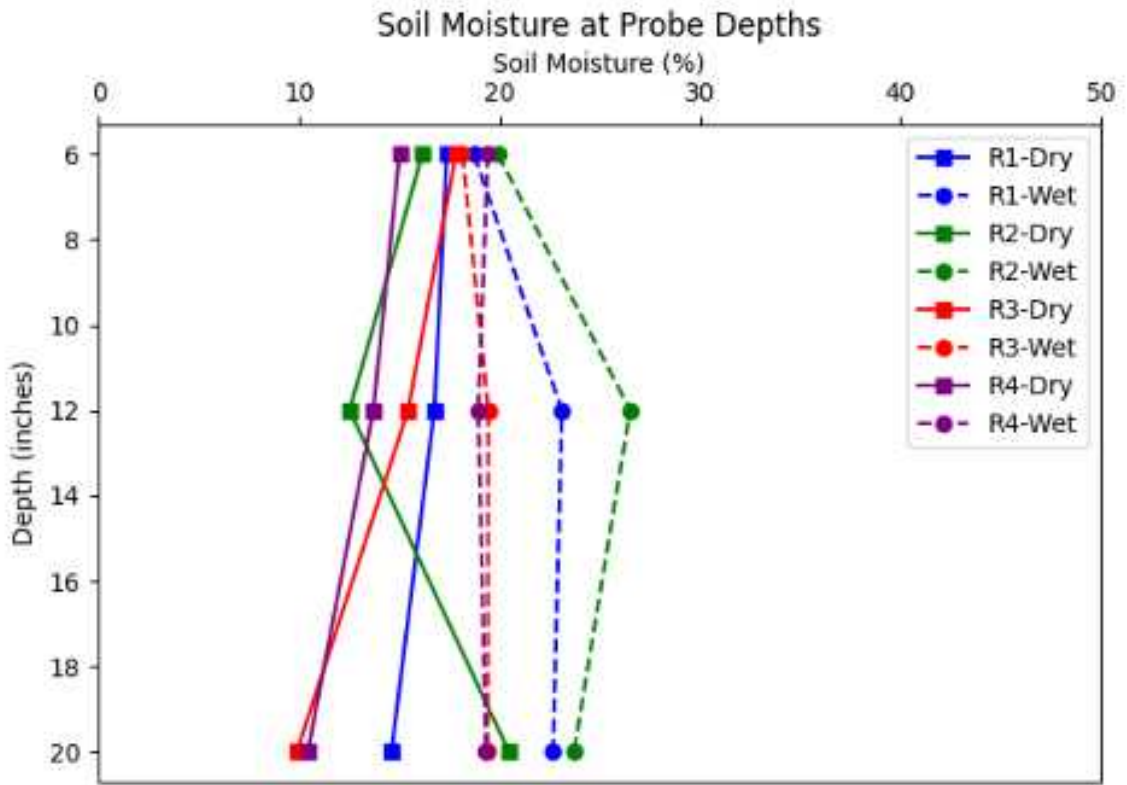


Figure 1: Moisture content of wet and dry pits for sensor locations.



Figure 2: Map of wet and dry pit locations for Rutherford Compaction Day.

4 Bolling Probe Sensors

The Bolling Probes are constructed based on sensors used previously for similar research [1] [2]. The sensors are a long steel tube with a pressure transducer at one end (TE Connectivity Measurement Specialties) and a 4 inch length of 3/8 inch latex tubing sealed on the end other end Figure: 3. The pressure that is measure is the radial squeezing force exerted by the soil on the latex tube.



Figure 3: Bolling Probe Tip

4.1 Bolling Probe Installation

Bolling probes were installed at 3 depths (6, 12 and 20 Inches). Probes were installed using a guide frame that allows for installation from the surface. The frame ensures that sensors are aligned vertically at the point under the wheel track Figures: 4 and 5 .

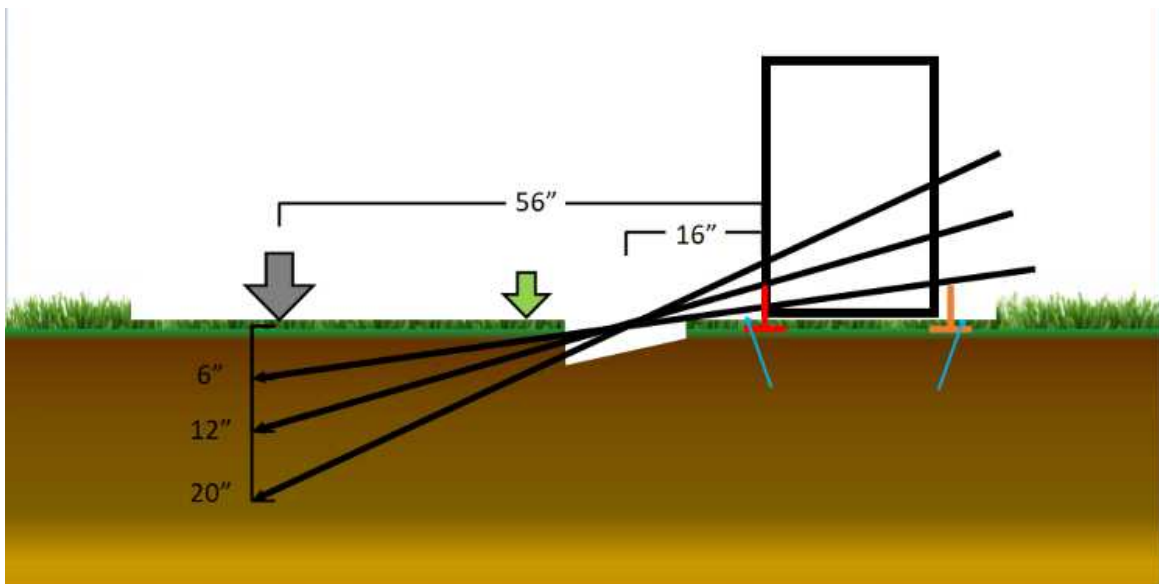


Figure 4: Diagram of Frame installation of Bolling Probes



Figure 5: Installation of equipment for Bolling Probe pressure measurement

4.1.1 Tools Required

Guide frame, Steels Rods, Bolling Probes, shovel, Level, tape measure, Sledge Hammer, String Line, Marking Paint, Hand Winch, Tow strap, clevis, 2x6 boards various lengths

4.1.2 Method

- Lay out the string line in the direction that vehicles will travel.
- Mark the spot where sensors should end up along the path. Measure 64 inches perpendicular to the string line and place the guide frame parallel to the string line.
- Level the frame in the direction of the string line, and adjust the feet so that the frame point is almost touching the ground. The frame should be adjusted using the rear foot so that it is perpendicular to the slope of the ground perpendicular to the string line.
- Stake the guide frame.
- Insert the short bar in the bearings for the 20 in depth and hammer into the ground. Turn the bar a $\frac{1}{4}$ turn every hit.
- Remove the short bar and continue with the long bar.

- Attach the winch and completely insert the bar so the 3rd scratch mark is just inside the back plate of the guide frame.
- Insert the short bar for the next sensor depth to help keep the guide frame aligned.
- Remove the long bar, either by hand or with the winch connected to the pickup – Do not bend the rod.
- Repeat for each sensor depth. Volunteers may need to help hold the guide frame in place, and someone may need to stand on the ground as the shallow sensor enters the ground to keep it on target.
- Remove the guide frame when all the holes are created.
- Using the short bar, re establish each hole, and then insert a Bolling probe ensuring it gets all the way in.
- Repeat.

5 Vehicle Reports

5.1 Sensor Data Plots

Sensor data was recorded and saved with a descriptive file name that follows the following convention.

VehicleNumber_Side_Configuration_Unique Tire Number_Location

The unique tire number in the file name is the first tire that aligned directly with the sensors. This number is used to filter the data and label peaks on the plots where tires were within 100 mm from the centreline of the first tire that went over the sensor. Note that the tire size in the file name may be different from the side wall markings, since all tires are converted to a metric convention.

Width in mm / Aspect Ratio as % of width (R, Radial or -,Bias) Rim Diameter in inches

Sensor data is plotted and an example plot is shown in Figure: 6. The area on the figure with the purple outline (top left of figure) is the vehicle number (N1) and the location where the data was collected, (C1-Dry). The vehicles and locations are named to reflect the event. Q1 for Quite, N1 for Norfolk Etc. The green outline (top centre of figure) is the short description for the type a vehicle and may include a clue for differences in configuration, (bias vs radial tires for instance). The data file name is the source data for the plot. The red outline (central plot) is the time series data collected for the vehicle.

The black outline (lower plot) is an interpolated plot to show an estimate of the depth and breadth of the soil that is effected underneath the vehicle. For this plot, the measured values for 6, 12 and 20 inches are plotted on the image. A linear model is created between each of the regions 0-6, 6-12 and 12-20 inches below the surface. The model only considers measured values greater than 0.6 psi. The model is created for 20

measurements prior and 20 measurements after (2 seconds prior and 2 seconds after the peak stress) each peak value for the 6 inch stress measurement. This is indicated by the light grey area below the tire. If a value exceeds 0.6 psi it will be plotted as a dark green plot with increasing stress shown by the colour mapping Green-Yellow-Red.

To estimate the stress from 0 to 6 inches depth, An estimate for contact pressure is made using the FRIDA model [3]. The tire contact length is calculated using the method from the FRIDA model, however, to simplify the calculation, surface pressure is set to tire pressure along this length. This assumption may not be valid, since pressure is known to vary across the width and length of a contact patch, but for the purposes of this image the assumption is sufficient to demonstrate the effects. It would be a reasonable assumption that surface pressure is at least equal to or greater than tire pressure. The previous assumption does not extend to tracked vehicles. Each steel wheel in a track unit was treated as an axle, and the same formula was used to calculate contact length, which is a limitation in this version of the analysis software. Surface contact pressure is set to 200 psi to simplify the database. A model is being developed in parallel with these documents that should better estimate the contact pressure based on the track area, tread pattern and belt stiffness. The estimated soil effect of these plots for tracked vehicles should not be considered as a fair comparison against wheeled machines.

5.1.1 Interpretation of Data Plots

The following are key to consider when looking at individual vehicle plots:

- The measurement is a snapshot in time, from a specific location
- Compare plots from the same vehicle (Vehicle number and configuration is the same) where the location changes to get a sense for how location affects the response
- Compare plots where the location is the same to get a sense of how different vehicles, configurations or different loads and tires affect the response

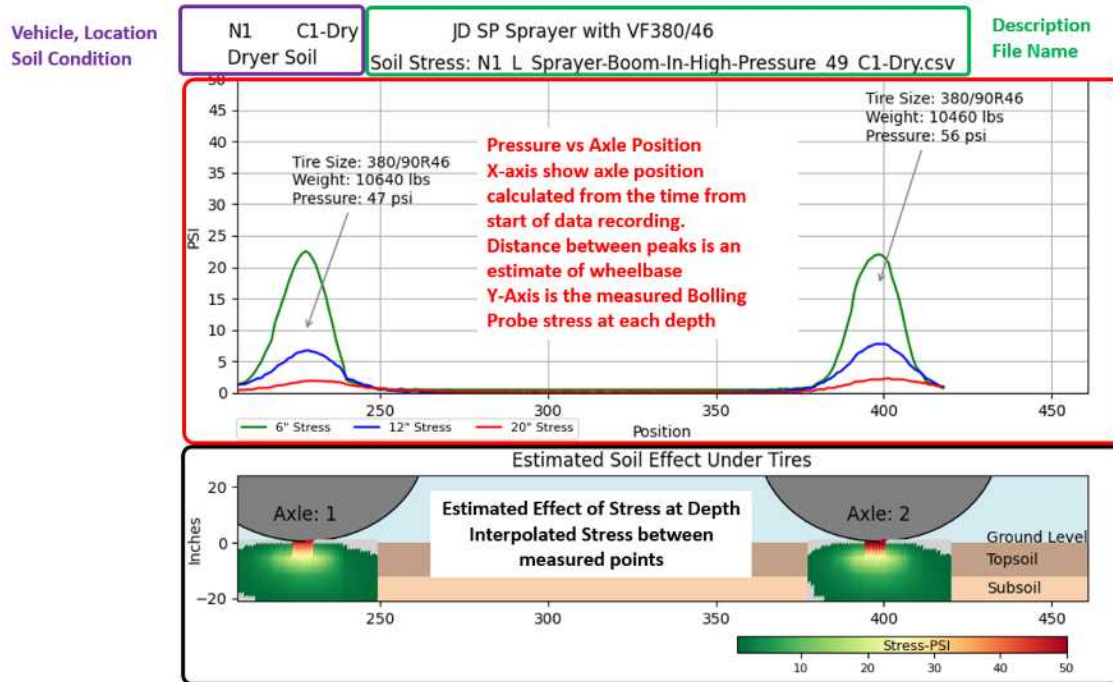


Figure 6: Sample Data plot with labelled features

5.1.2 Limitations and Assumptions

Sampling frequency for the collected data was capped at 10 samples per second due to software limitations. This means that for low travel speeds (2mph or 1m/s) each data point is +/- 10 cm on the tire. This is a major limitation however the software was designed with live events in mind first.

Peak response may increase if a tire tread lug happened to align over top of the sensors. With all these data plots, there should be an assumption that the actual maximum stress underneath may be equal to or higher than the measured value.

5.2 Understanding Vehicle Diagrams

Included in each vehicle report is a diagram for each configuration. This is a top down view of the tire layout for the vehicle. Dimensions are scaled to fit the page, so the scale will change based on the number of axles, however the relative size and location of the tires on the vehicle is accurate. Tire locations were measured for each vehicle at each event. Included on the diagrams are tire size information and the weight and pressures for the vehicle configuration. Axle weight and total weights are also presented on the diagrams. A sample diagram is shown in Figure: 7.

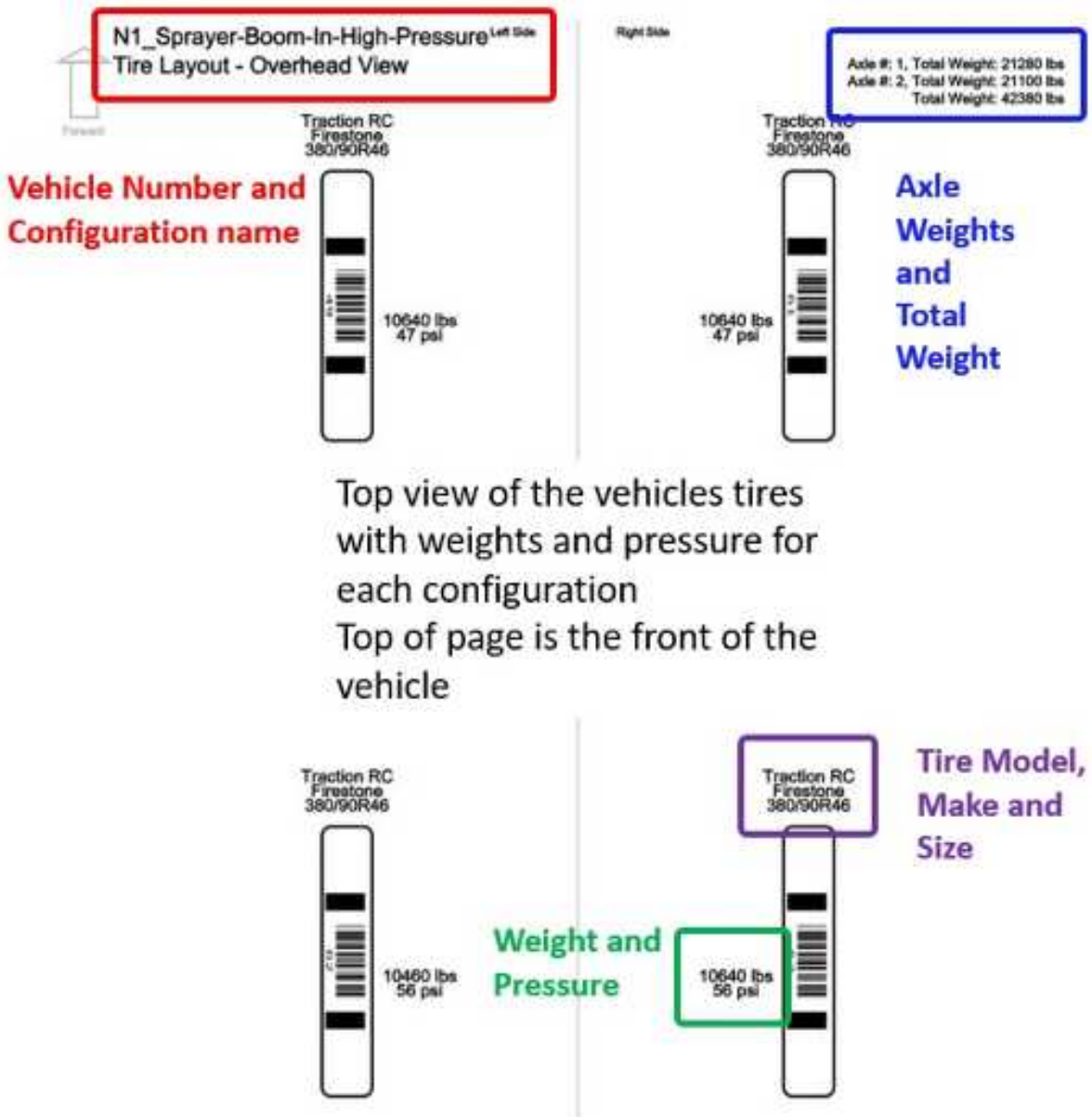


Figure 7: Sample Vehicle Diagram with labeled information

References

- [1] M. Berli, C. G. Eggers, M. L. Accorsi, and D. Or, "Theoretical analysis of fluid inclusions for in situ soil stress and deformation measurements," vol. 70, no. 5, pp. 1441–1452. [Online]. Available: <http://doi.wiley.com/10.2136/sssaj2005.0171>
- [2] I. Bolling, *Bodenverdichtung und Triebkraftverhalten bei Reifen: neue Meß- u. Rechenmethoden*, ser. Forschungsbericht Agrartechnik des Arbeitskreises Forschung und Lehre der Max-Eyth-Gesellschaft Agrartechnik im VDI. Selbstverl., 1987. [Online]. Available: <https://books.google.ca/books?id=XXJKjgEACAAJ>
- [3] P. Schjønning, M. Lamandé, F. A. Tøgersen, J. Arvidsson, and T. Keller, "Modelling effects of tyre inflation pressure on the stress distribution near the soil–tyre interface," vol. 99, no. 1, pp. 119–133. [Online]. Available: <https://linkinghub.elsevier.com/retrieve/pii/S1537511007002176>
- [4] T. Keller, J. Arvidsson, P. Schjønning, M. Lamandé, M. Stettler, and P. Weiskopf, "In situ subsoil stress-strain behavior in relation to soil precompression stress," vol. 177, no. 8, pp. 490–497. [Online]. Available: <https://journals.lww.com/00010694-201208000-00003>
- [5] P. Schjønning, M. Lamandé, T. Keller, J. Pedersen, and M. Stettler, "Rules of thumb for minimizing subsoil compaction: Rules of thumb for minimizing subsoil compaction," vol. 28, no. 3, pp. 378–393. [Online]. Available: <https://onlinelibrary.wiley.com/doi/10.1111/j.1475-2743.2012.00411.x>

A Vehicle Data

S1 - CIH RC Magnum 314 Dualled RC Tractor + JD CCS Corn Planter

Compaction Event Report: St. Clair (S1)

S1

CIH RC Magnum 314 Dualled RC Tractor + JD CCS Corn Planter



Aug 5,6,7, 2025
Rutherford, Ontario







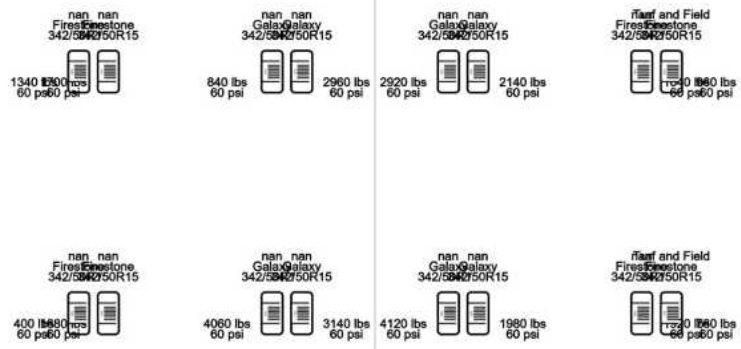
S1_PlanterField
Tire Layout - Overhead View



Left Side

Right Side

Axle #: 3, Total Weight: 14500 lbs
Axle #: 4, Total Weight: 18080 lbs
Total Weight: 32580 lbs



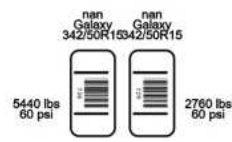
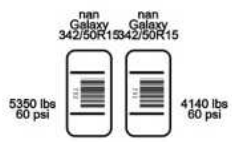
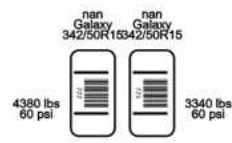
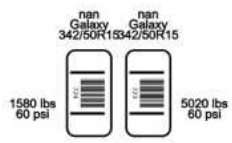
S1_PlanterRoad
Tire Layout - Overhead View

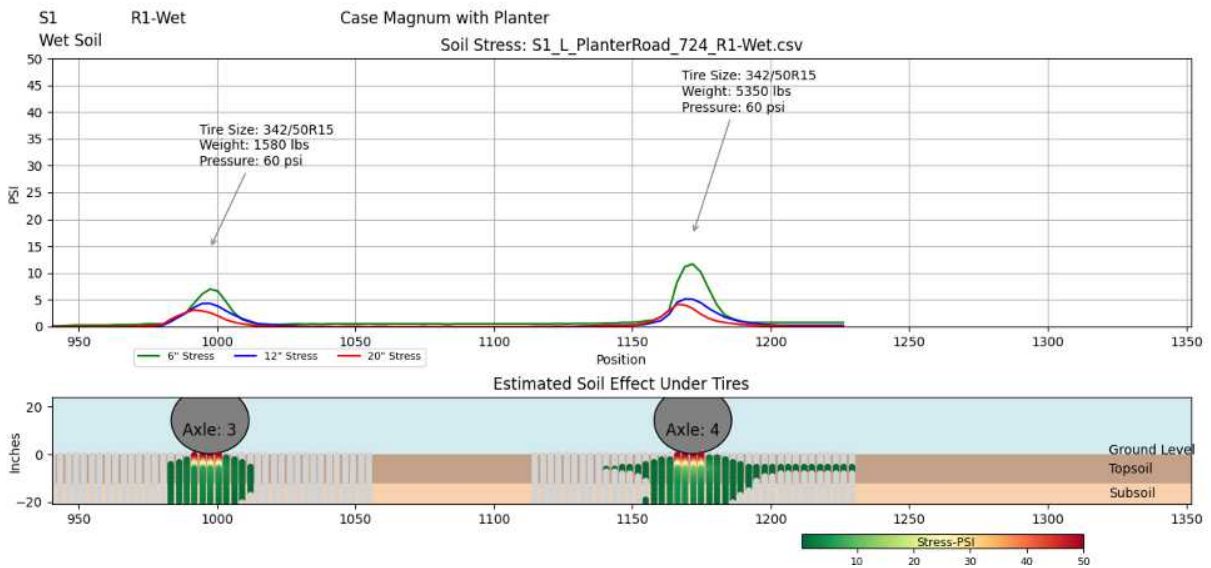
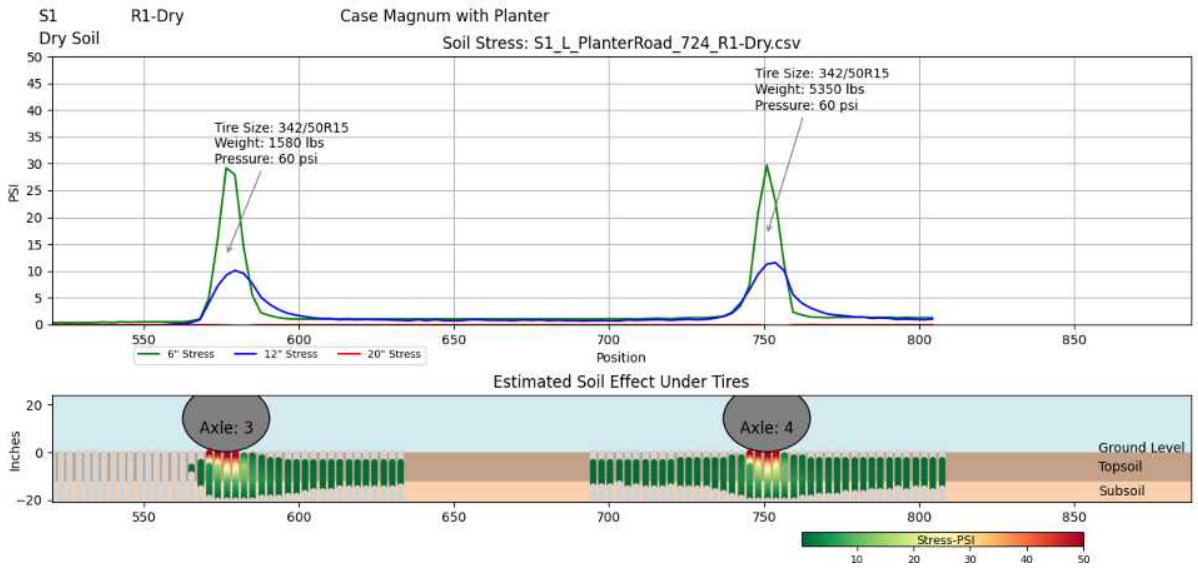


Left Side

Right Side

Axis #: 3, Total Weight: 14320 lbs
Axis #: 4, Total Weight: 17690 lbs
Total Weight: 32010 lbs

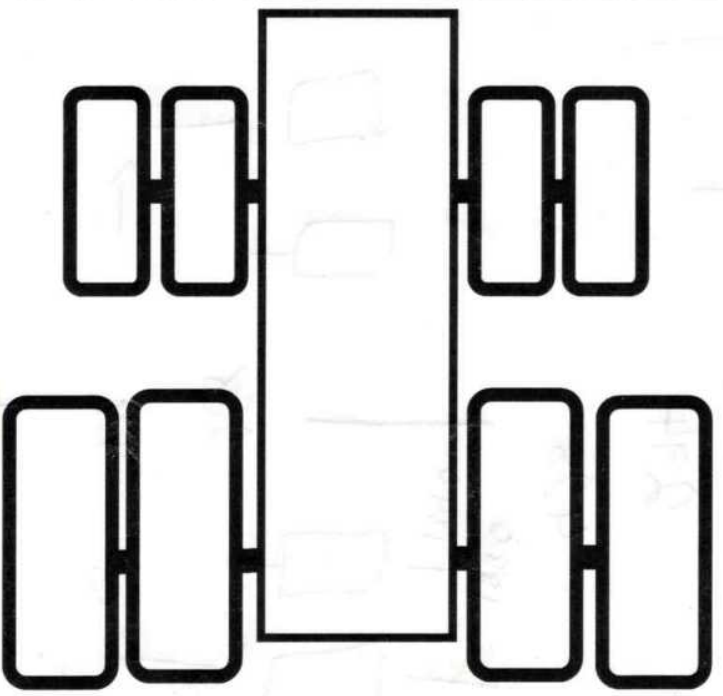




Exh#:	51A	ExhNote:		Field/Road psi, Lft/Rgt tires, rvy/Lgt wt
ExhName:		OwnerName:		Phone#:
EquipType:	Row Crop Tractor	Make:	Case	Model:
				Harmon 315

Axle Distance (cm)							
1	2	3	4	5	6	7	8
0	920	698	1140				

INFO	Inside	Outside
Tire/Trk Make:	Firestone	
Tire Model:		
Tire Type:	Radial →	
Tire Size:	380/80R38	
Trd Wth (cm)	46	40
Tyr Dist Ctr(cm)	58	300/2
Tire Wt (lbs):		
Road PSI:		
Field PSI:		
Arrival PSI	22	22



INFO	Inside	Outside
Tire/Trk Make:	Firestone	
Tire Model:		
Tire Type:		
Tire Size:	480/80R50	50
Trd Wth (cm)	50	50
Tyr Dist Ctr(cm)	1060/2	294/2
Tire Wt (lbs):		
Road PSI:		
Field PSI:		
Arrival PSI	22	19

23

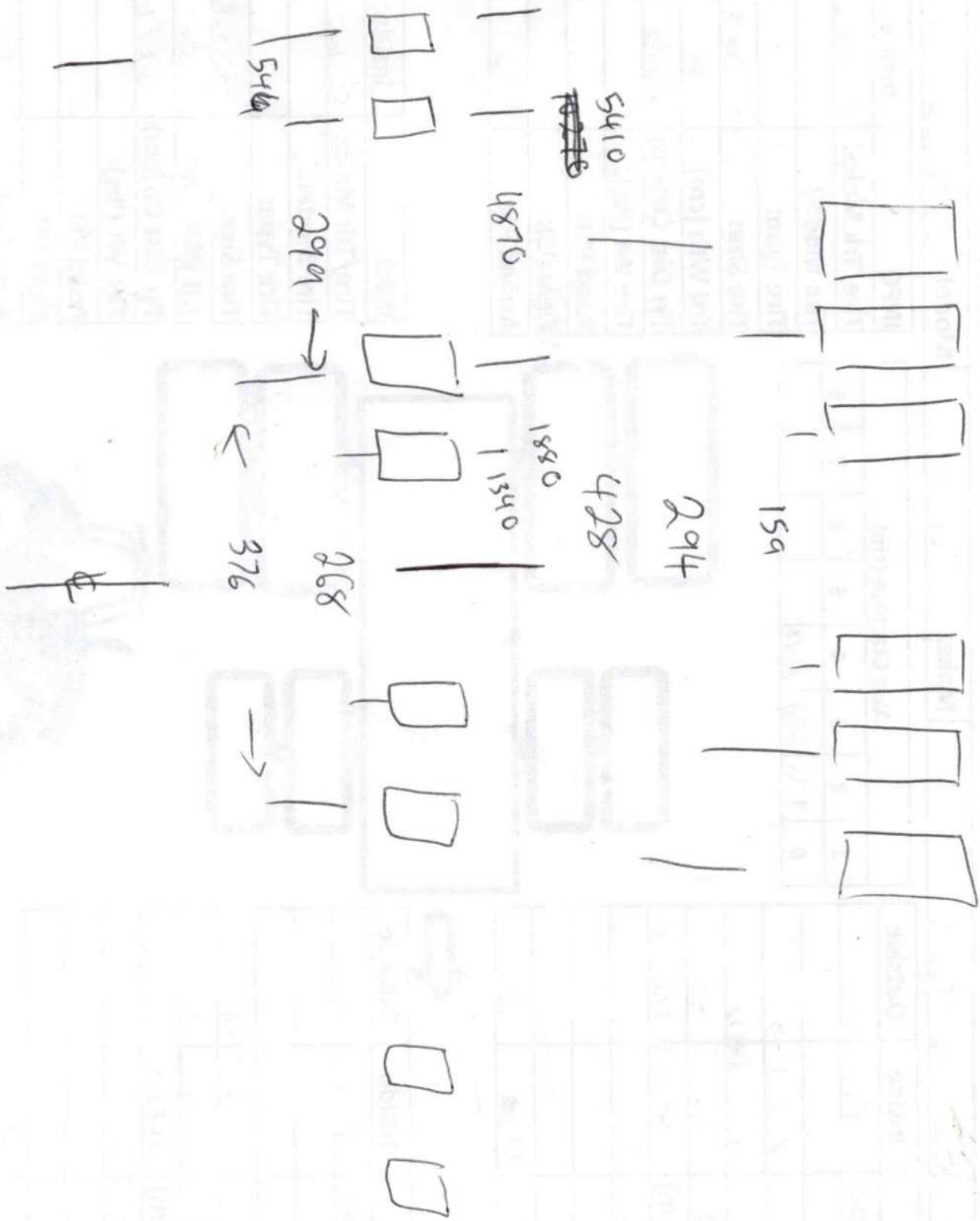
INFO	Inside	Outside
Tire/Trk Make:	Firestone	
Tire Model:		
Tire Type:	Radial →	
Tire Size:	380/80R38	
Trd Wth (cm)	46	46
Tyr Dist Ctr(cm)	158/2	300/2
Tire Wt (lbs):		
Road PSI:		
Field PSI:		
Arrival PSI	20	24

INFO	Inside	Outside
Tire/Trk Make:	Firestone	
Tire Model:		
Tire Type:	Radial →	
Tire Size:	480/80R50	
Trd Wth (cm)	50	50
Tyr Dist Ctr(cm)	162/2	294/2
Tire Wt (lbs):		
Road PSI:		
Field PSI:		
Arrival PSI	22	16



Row Crop Tractor - Wheeled

CTIS: Yes / No?

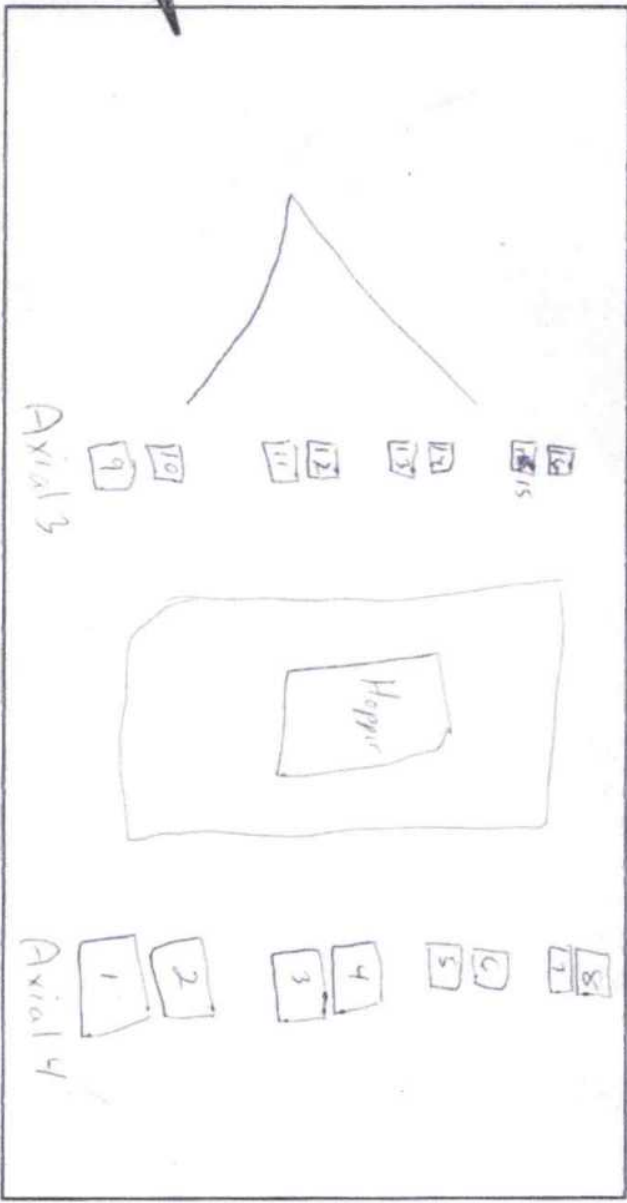


Exh#: S1B	ExhNote: Page 1 of 2	Field/Road psi, Lft/Rgt tires, mvw/Lgt wt						
ExhName:	OwnerName: Owen Johnston	Phone#:						
EquipType: Corn Planter	Make: SD	Model: CCS Seed Meters						
INFO	Tire 1	Tire 2	Tire 3	Tire 4	Tire 5	Tire 6	Tire 7	Tire 8
Tire/Trk Make:	Firestone	Firestone	Galaxy	Galaxy	Galaxy	Galaxy	Firestone	Firestone
Tire Model:	Tall Field							
Tire Type:								
Tire Size:	31x13.50-15	42	31x12.50-15.5L	42	42	42	42	42
Trd Wth (cm)	42	42	42	42	42	42	42	42
Tyr Dist Ctr(cm)								
TireWt (lbs):	450 400	1900 1650	4040	3140 3140	4120	1980	1920 2000	880 700
Road PSI:	35	35	35	35	35	35	35	35
Field PSI:	60	60	60	60	60	60	60	60
Arrival PSI:	40	70	50	35	60	30	65	60

Ax Dist (cm)	
1	0
2	
3	
4	
5	
6	
7	
8	



Draw Tire Layout and Label Each Tire



switch to
IF320/30R15
and Rm
33psi

Corn Planter

Empty or Loaded?

Road or Field?

CTIS: Yes / No?

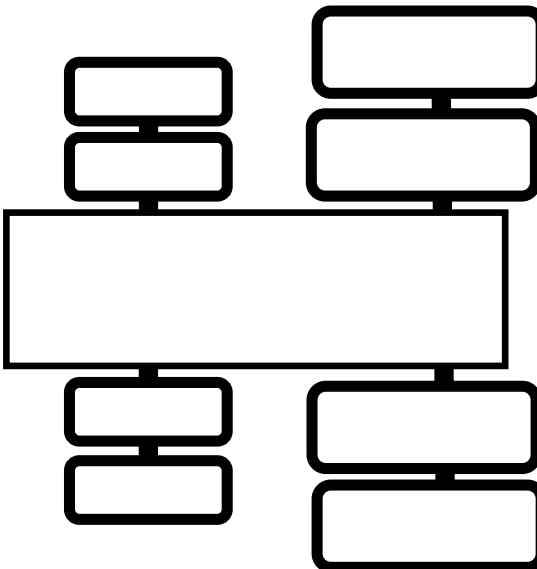
Exh#:	S1A	ExhNote:		Field/Road psi, Lft/Rgt tires, Hvy/Lgt wt
ExhName:		OwnerName:		Phone#:
EquipType:	Row Crop Tractor (RC)		Make:	Case IH
			Model:	Magnum 315

INFO	Inside	Outside
Tire/Trk Make:	Firestone	
Tire Model:	All Traction DT	
Tire Type:	Radial	
Tire Size:	380/80R38	
Trd Wth (cm)	40/40	
Tyr Dist Ctr(cm)	77.5	153
Tire Wt (lbs):	NR	NR
Road PSI:	NR	NR
Field PSI:	NR	NR
Arrival PSI	22	

Axle Distance (cm)							
1	2	3	4	5	6	7	8
0	320	698	1140				

INFO	Inside	Outside
Tire/Trk Make:	Firestone (Triples)	
Tire Model:	Deep Tread 23	
Tire Type:	Radial	
Tire Size:	480/80R50	
Trd Wth (cm)	50/50/50	
Tyr Dist Ctr(cm)	80/147/214	
Tire Wt (lbs):	NR	NR
Road PSI:	NR	NR
Field PSI:	NR	NR
Arrival PSI	22/19/14	

INFO	Inside	Outside
Tire/Trk Make:		
Tire Model:		
Tire Type:		
Tire Size:		
Trd Wth (cm)		
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	NR	NR
Road PSI:	NR	NR
Field PSI:	NR	NR
Arrival PSI	26	24



INFO	Inside	Outside
Tire/Trk Make:		
Tire Model:		
Tire Type:		
Tire Size:		
Trd Wth (cm)		
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	NR	NR
Road PSI:	NR	NR
Field PSI:	NR	NR
Arrival PSI	22/20/16	

Row Crop Tractor - Wheeled

CTIS: Yes / No? No?

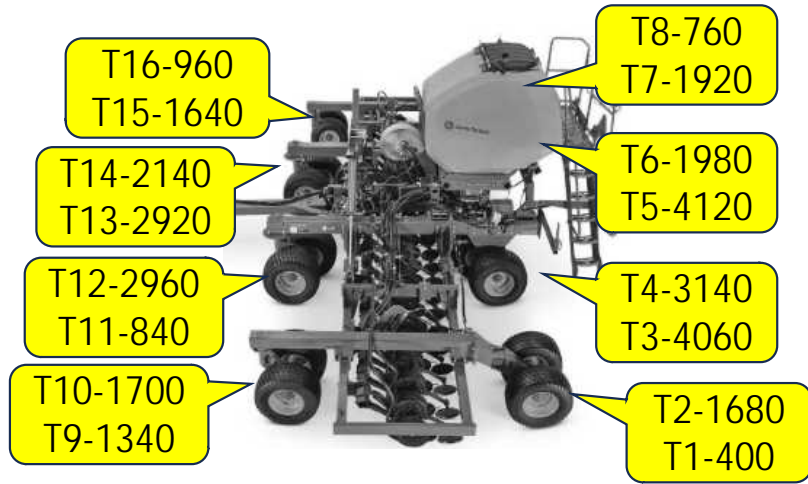
Exh#:	S1B	ExhNote:	Field Configuration			Field/Road psi, Lft/Rgt tires, Hvy/Lgt wt		
ExhName:		OwnerName:	Owen Johnston			Phone#:		
EquipType:	Corn Planter			Make:	JD	Model:	1690 CCS Seed	

INFO	Tire 1	Tire 2	Tire 3	Tire 4	Tire 5	Tire 6	Tire 7	Tire 8
Tire/Trk Make:	Firestone	Firestone	Gaaxy	Galaxy	Galaxy	Galaxy	Firestone	Firestone
Tire Model:	Turf + Field	Turf + Field	Seeder	Seeder	Seeder	Seeder	Turf + Field	Turf + Field
Tire Type:								
Tire Size:	31x13.5-15		31x13.50-155L					
Trd Wth (cm)	42	42	42	42	42	42	42	42
Tyr Dist Ctr(cm)								
TireWt (lbs):	See Values Below							
Road PSI:	60	→						
Field PSI:								
Arrival PSI:	40	70	50	35	60+	30	65	60

Ax Dist (cm)	
1	0
2	
3	
4	
5	
6	
7	
8	



Draw Tire Layout and Label Each Tire



18,060 lbs
= 8.2T

Air Seeder	Empty or Loaded?	Road or Field?
------------	------------------	----------------

CTIS: Yes / No?

Exh#:	S1B	ExhNote:	Page 2 of 2 – Road Configuration			Field/Road psi, Lft/Rgt tires, Hvy/Lgt wt		
ExhName:		OwnerName:	Owen Johnston			Phone#:		
EquipType:	Corn Planter			Make:	JD	Model:	1690 CCS Seed	

INFO	Tire 1	Tire 2	Tire 3	Tire 4	Tire 5	Tire 6	Tire 7	Tire 8	Ax Dist (cm)
Tire/Trk Make:	Firestone	Firestone	Galaxy	Galaxy	Galaxy	Galaxy	Firestone	Firestone	1 0
Tire Model:	Turf + Field								2
Tire Type:	Bias	→							3
Tire Size:	31x13.50-15	31x13.50-15	31x13.50-155L	31x13.50-155L	31x13.50-155L	31x13.50-155L	31x13.50-15	31x13.50-15	4
Trd Wth (cm)	42	→							5
Tyr Dist Ctr(cm)									6
TireWt (lbs):									7
Road PSI:	60	→							8
Arrival (FR) PSI:	28	60+	10	60+	70	50	60	65	
Arrival (RR) PSI:	28	60+	70	60+	70	30	60	65	

32,010 lbs = 15.4T



Consider replacement with IF 320/70R15 @ 33psi



T12-5020
T11-1580

T14-3340
T13-4380

T4-4140
T3-5350

T6-2760
T5-5440

Corn Planter	Empty or <u>Loaded?</u>	Road or <u>Field?</u>	CTIS: Yes / <u>No?</u>
--------------	-------------------------	-----------------------	------------------------

S5 - CIH 1666 Singled Combine CIH 20 Auger Header

Compaction Event Report: St. Clair (S5)

S5

CIH 1666 Singled Combine CIH 20 Auger Header



Aug 5,6,7, 2025
Rutherford, Ontario







S5_FieldHighPressure
Tire Layout - Overhead View



Left Side

Right Side

Axle #: 1, Total Weight: 29700 lbs
Axle #: 2, Total Weight: 6800 lbs
Total Weight: 36500 lbs

DynaTorque
Goodyear
774/70-32



15420 lbs
26 psi

DynaTorque
Goodyear
774/70-32



14280 lbs
26 psi

TR135
BKT
378/70-24



3420 lbs
26 psi

TR135
BKT
378/70-24

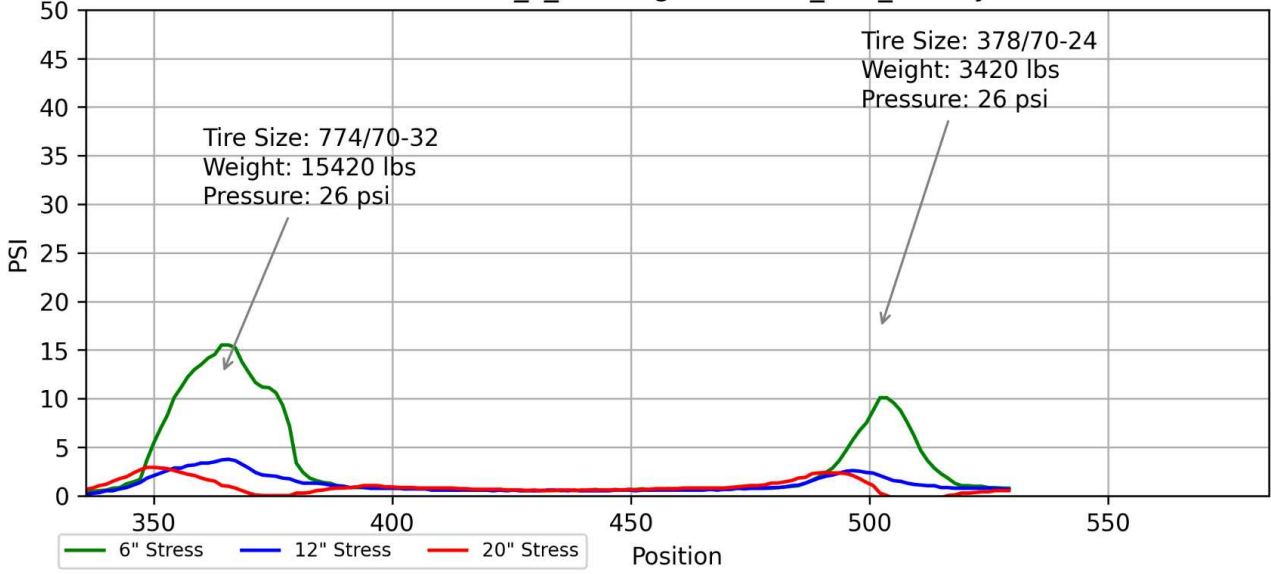


3380 lbs
26 psi

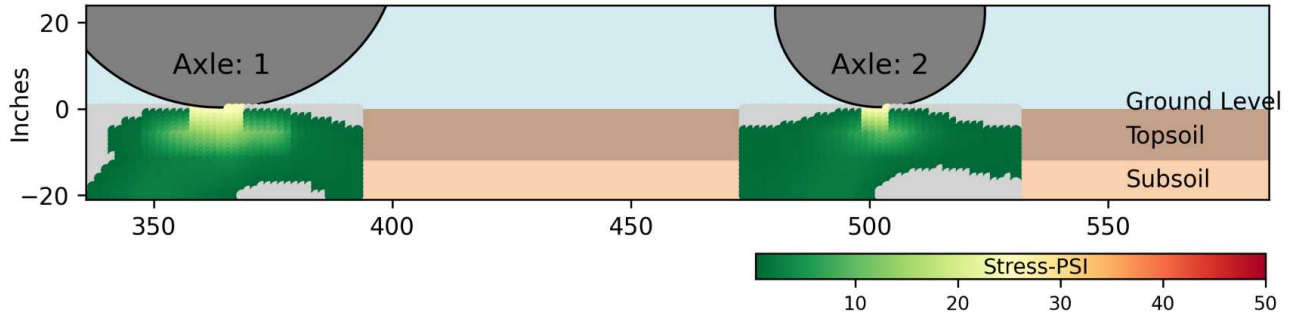
S5 R2-Dry Combine with Bias Tires

Dry Soil

Soil Stress: S5_L_FieldHighPressure_680_R2-Dry.csv



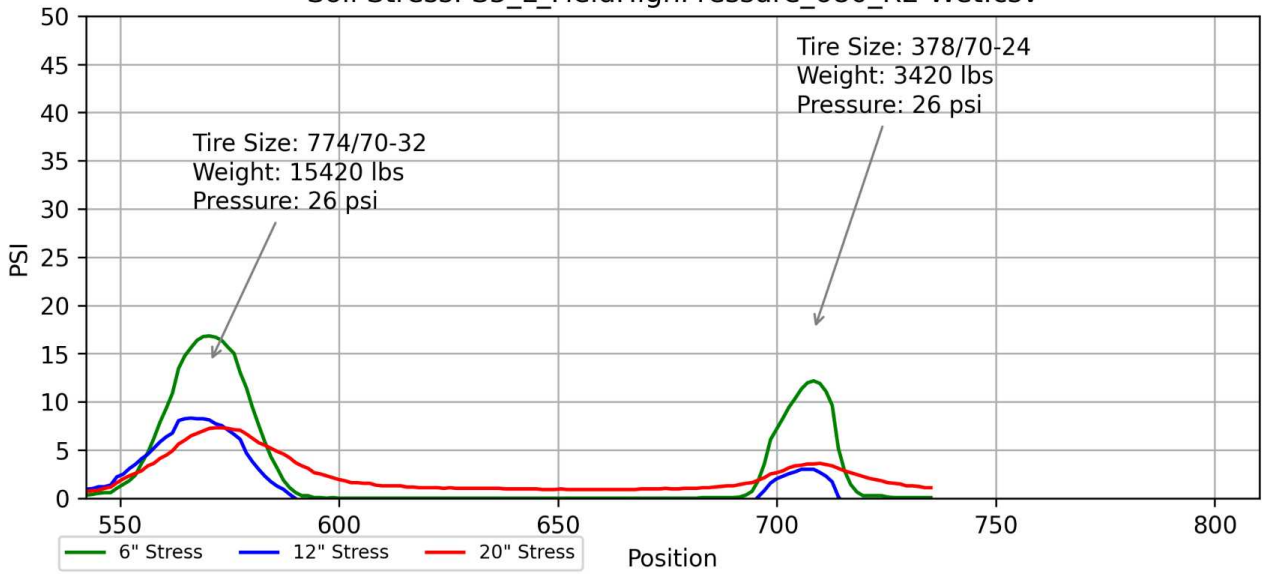
Estimated Soil Effect Under Tires



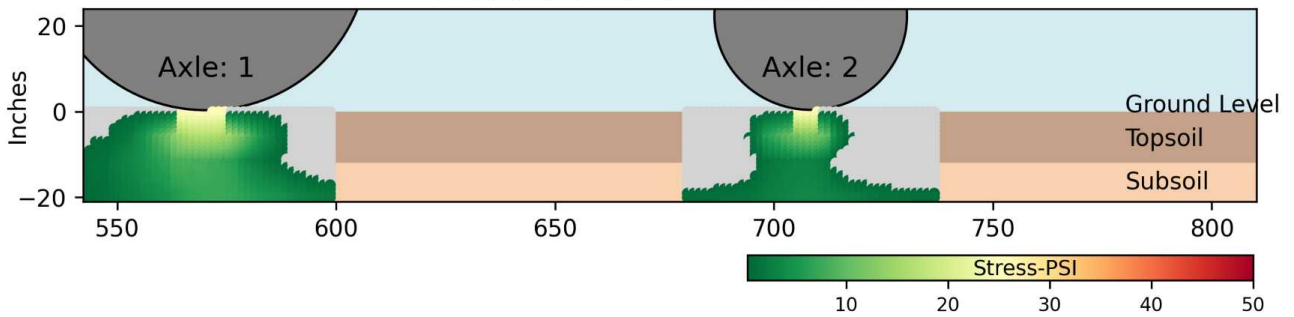
S5 R2-Wet Combine with Bias Tires

Wet Soil

Soil Stress: S5_L_FieldHighPressure_680_R2-Wet.csv



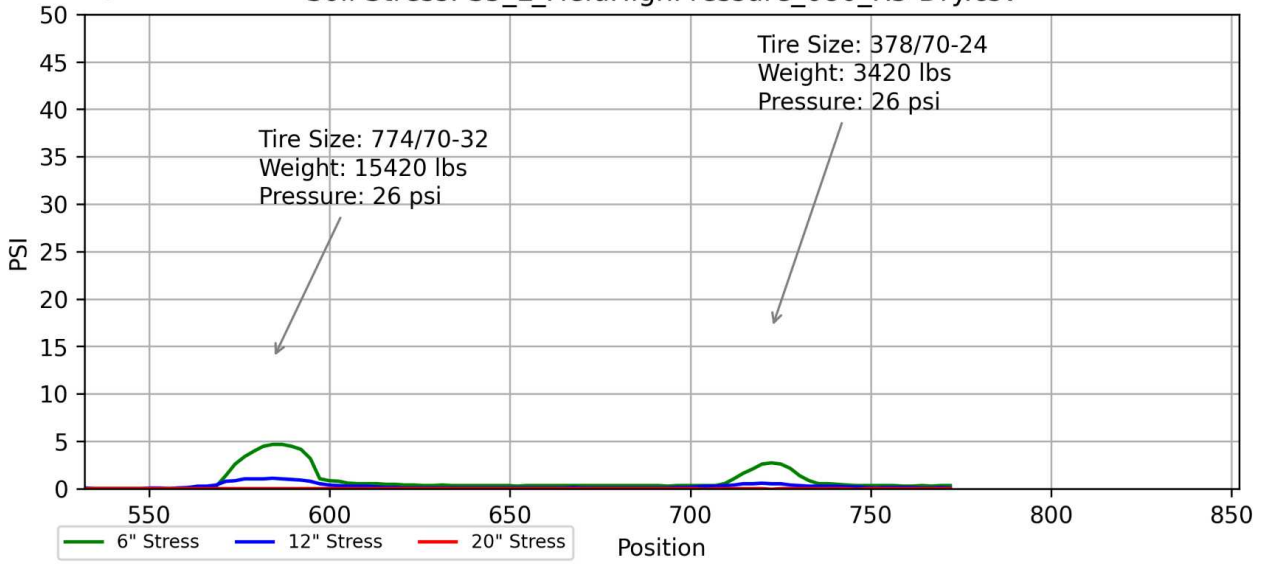
Estimated Soil Effect Under Tires



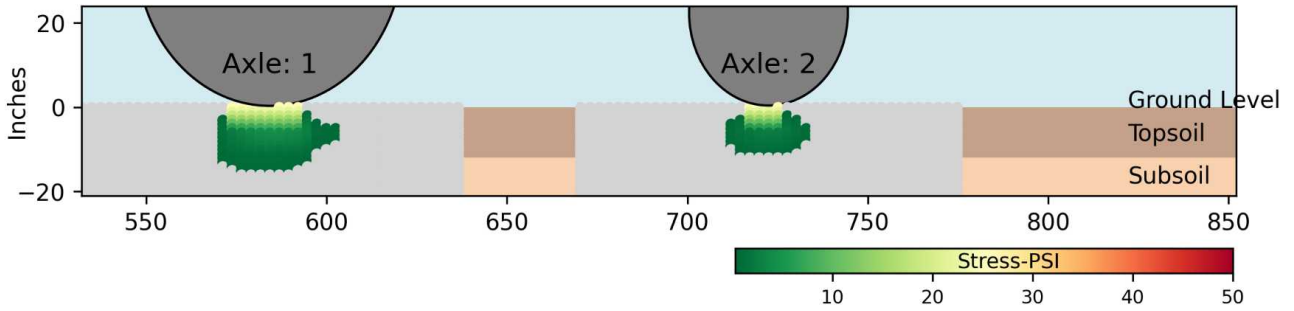
S5 R3-Dry Combine with Bias Tires

Dry Soil

Soil Stress: S5_L_FieldHighPressure_680_R3-Dry.csv



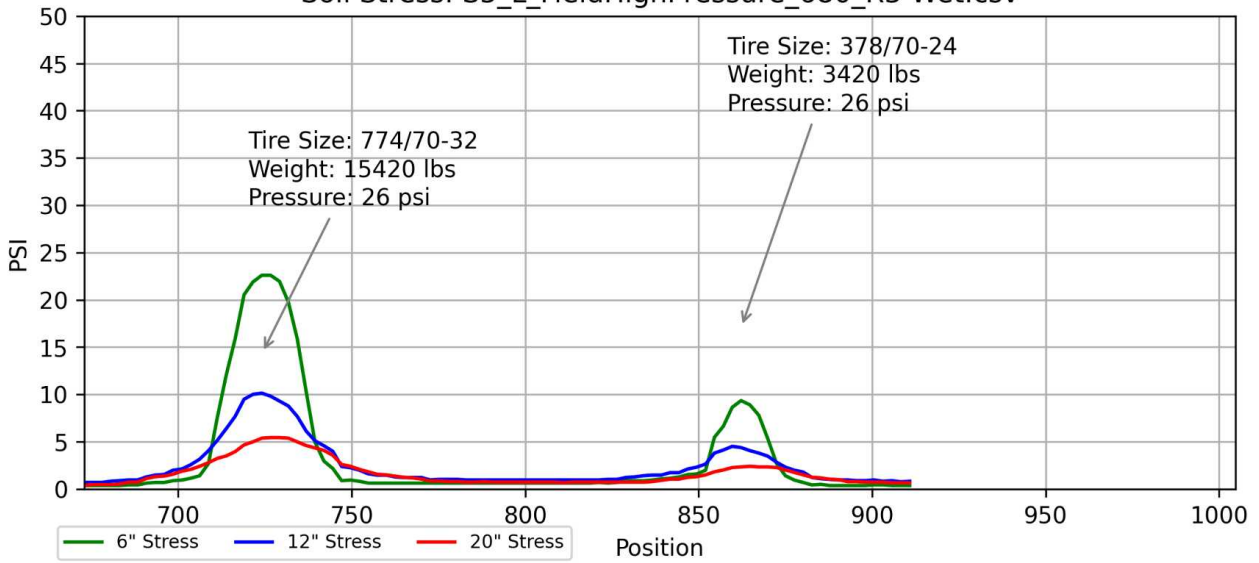
Estimated Soil Effect Under Tires



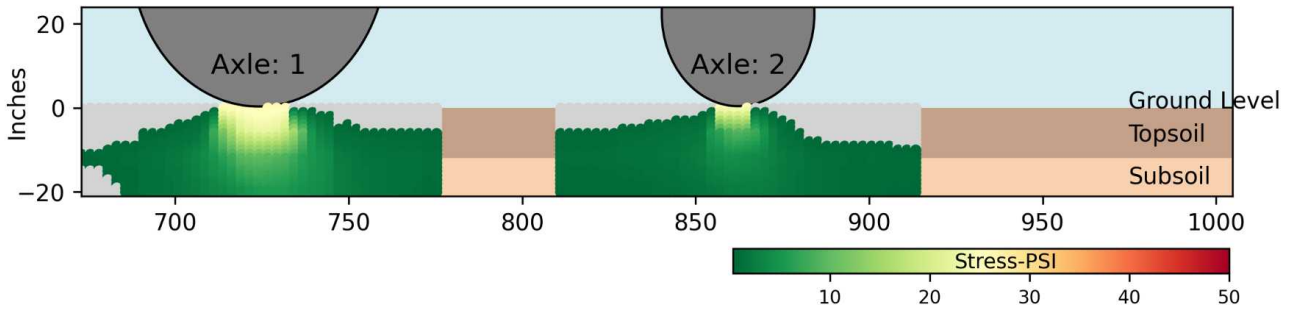
S5 R3-Wet Combine with Bias Tires

Wet Soil

Soil Stress: S5_L_FieldHighPressure_680_R3-Wet.csv



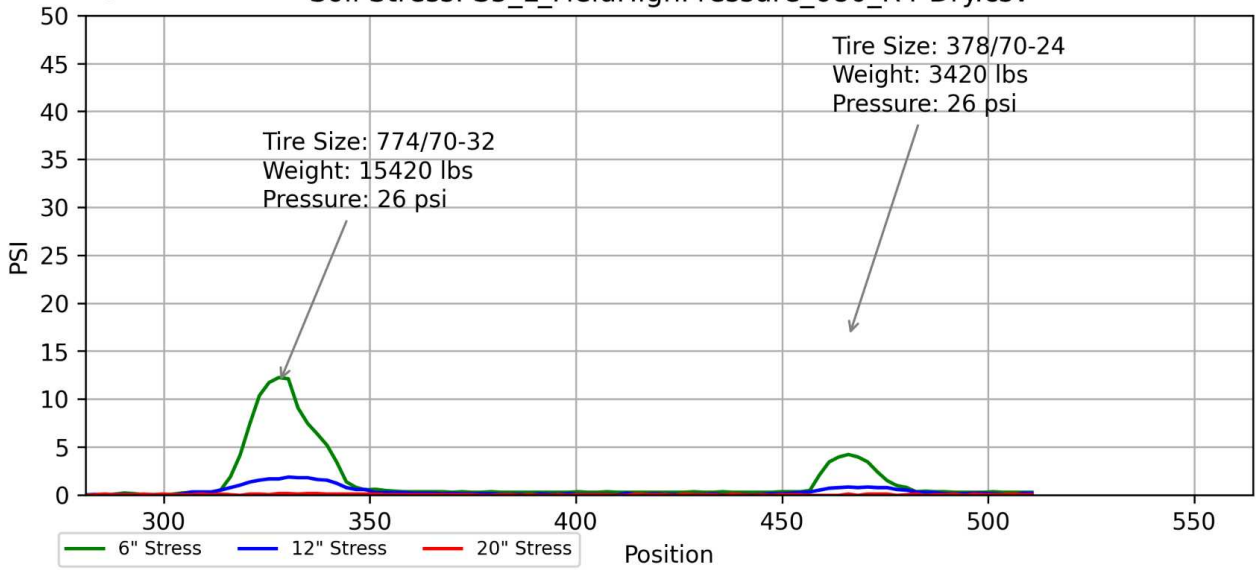
Estimated Soil Effect Under Tires



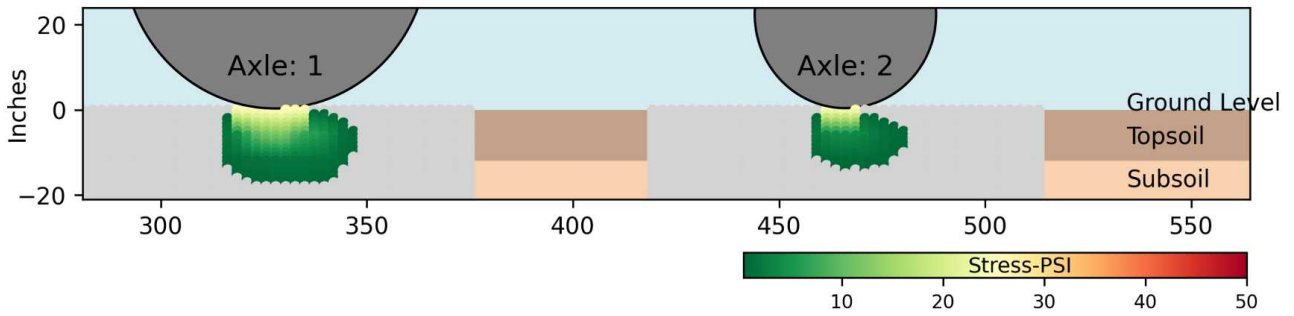
S5 R4-Dry Combine with Bias Tires

Dry Soil

Soil Stress: S5_L_FieldHighPressure_680_R4-Dry.csv



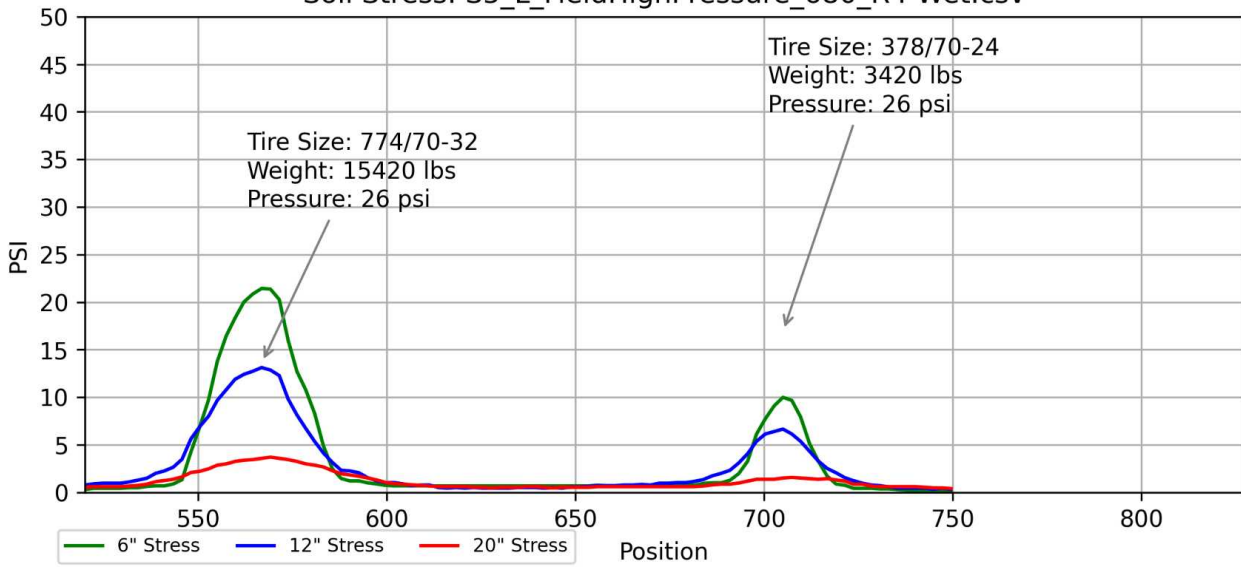
Estimated Soil Effect Under Tires



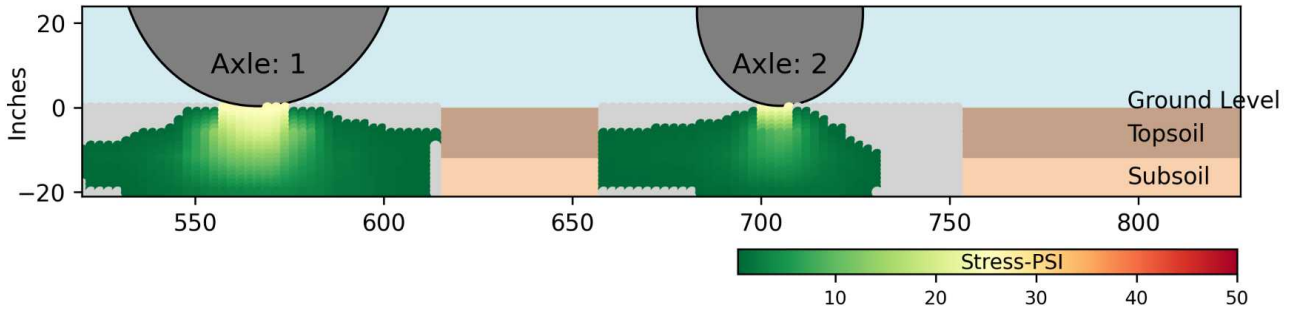
S5 R4-Wet Combine with Bias Tires

Wet Soil

Soil Stress: S5_L_FieldHighPressure_680_R4-Wet.csv



Estimated Soil Effect Under Tires



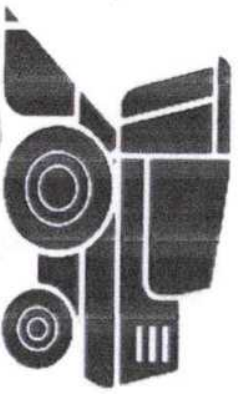
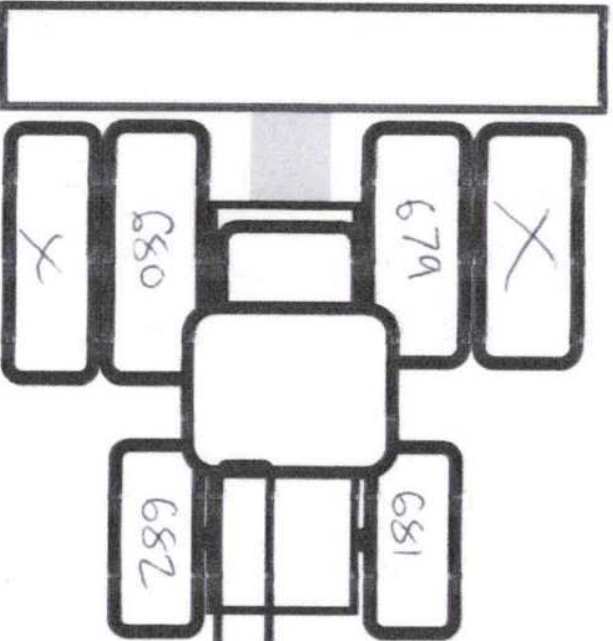
Exh#:	55	ExhNote:		Field/Road psi, Lt/Rgt tires, rWV/Lgt wt
ExhName:		OwnerName:	Agie	Phone#:
EquipType:	Combine	Make:	CASE	Model:
				1666

INFO	Inside	Outside
Tire/Trk Make:	Good year	
Tire Model:	Torque 11	
Tire Type:		
Tire Size:	20.5 L32	
Trd Wth (cm)	70	
Tyr Dist Ctr(cm)	285 ± 2	
Tire Wt (lbs):	6800 + 7480	14280
Road PSI:		
Field PSI:	26	
Arrival PSI	20	

Axle Distance (cm)								
1	2	3	4	5	6	7	8	
0	350							

INFO	Inside	Outside
Tire/Trk Make:	BKT	
Tire Model:		
Tire Type:	TR 135	
Tire Size:	14.9-24	
Trd Wth (cm)	36	
Tyr Dist Ctr(cm)	275 ± 2	
Tire Wt (lbs):	3380	
Road PSI:	26	
Field PSI:		
Arrival PSI	24	

INFO	Inside	Outside
Tire/Trk Make:	Good year	
Tire Model:		
Tire Type:		
Tire Size:		
Trd Wth (cm)		
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	2300 + 9080	15420
Road PSI:		
Field PSI:	26	
Arrival PSI	18	



Combine - Wheeled

Empty or Loaded? Empty Loaded

Header On: Yes / No

CTIS: Yes / No?

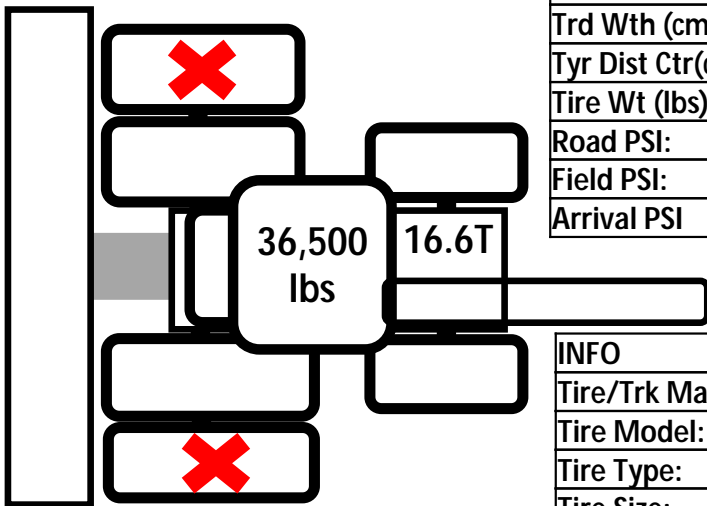
INFO	Inside	Outside
Tire/Trk Make:	BKT	
Tire Model:		
Tire Type:		
Tire Size:		
Trd Wth (cm)		
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	3420	
Road PSI:	26	
Field PSI:		
Arrival PSI	20	

Exh#:	S5	ExhNote:		Field/Road psi, Lft/Rgt tires, Hvy/Lgt wt
ExhName:		OwnerName:	Elgie	Phone#:
EquipType:	Combine		Make:	Case IH
			Model:	1666

INFO	Inside	Outside
Tire/Trk Make:	Goodyear	
Tire Model:	Dyna Torque 11	
Tire Type:	Bias	
Tire Size:	30.5L32	
Trd Wth (cm)	70	
Tyr Dist Ctr(cm)	142.5	
Tire Wt (lbs):	14280	
Road PSI:		
Field PSI:	26	
Arrival PSI	20	

Axle Distance (cm)							
1	2	3	4	5	6	7	8
0	350						

INFO	Inside	Outside
Tire/Trk Make:	BKT	
Tire Model:	TR135	
Tire Type:	Bias	
Tire Size:	14.9-24	
Trd Wth (cm)	36	
Tyr Dist Ctr(cm)	137.5	
Tire Wt (lbs):	3380	
Road PSI:	26	
Field PSI:		
Arrival PSI	24	



INFO	Inside	Outside
Tire/Trk Make:	Overloaded: Rated load = 9,350 lbs @20psi	
Tire Model:		
Tire Type:		
Tire Size:		
Trd Wth (cm)		
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	15420	
Road PSI:		
Field PSI:	26	
Arrival PSI	18	

INFO	Inside	Outside
Tire/Trk Make:	Tire @ Capacity Rated load = 3,420 lbs @20psi	
Tire Model:		
Tire Type:		
Tire Size:		
Trd Wth (cm)		
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	3420	
Road PSI:		
Field PSI:	26	
Arrival PSI	20	



Combine - Wheeled	Empty or <u>Loaded?</u>	Header Or: <u>Yes</u> / No	CTIS: Yes / <u>No?</u>
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S7 - CIH 7250 Dualled Combine 40 MD Draper

Compaction Event Report: St. Clair (S7)

S7

CIH 7250 Dualled Combine 40 MD Draper



Aug 5,6,7, 2025
Rutherford, Ontario





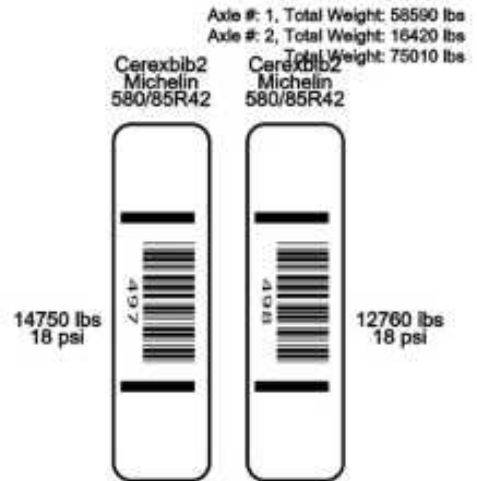
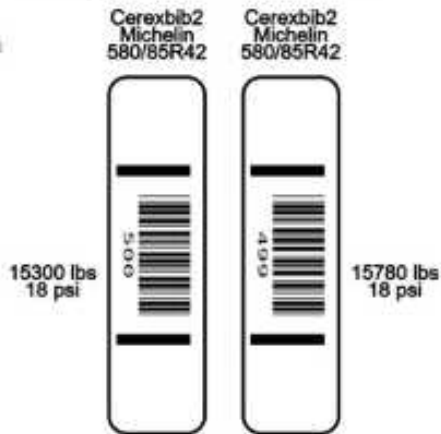


S7_FieldHighPressure
Tire Layout - Overhead View



Left Side

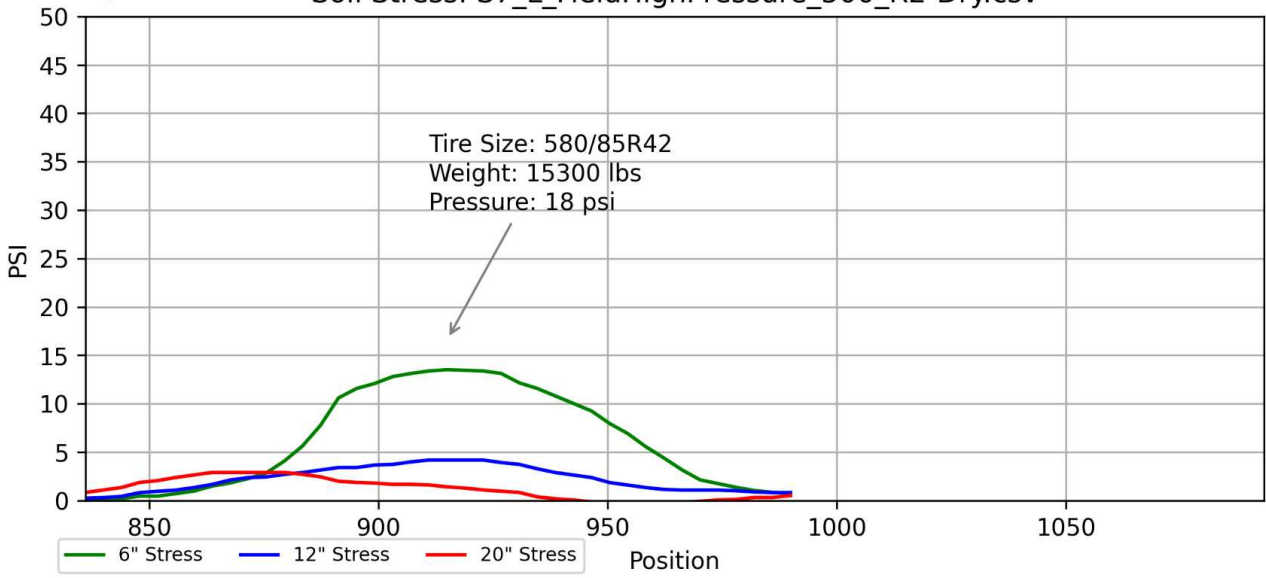
Right Side



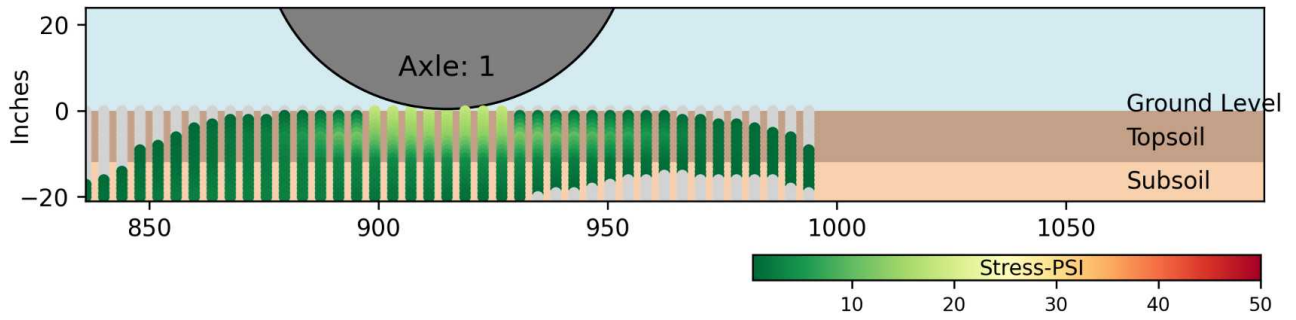
S7 R2-Dry Combine with Duals - 40ft macdon

Dry Soil

Soil Stress: S7_L_FieldHighPressure_500_R2-Dry.csv



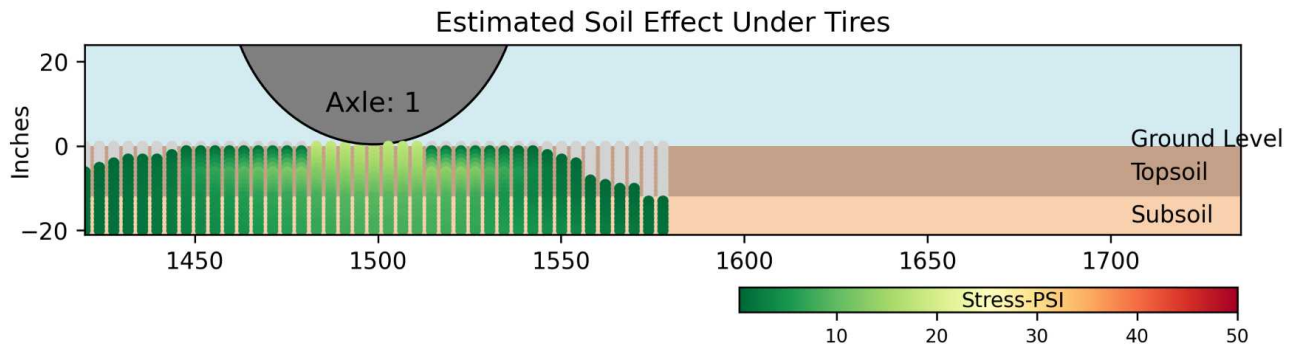
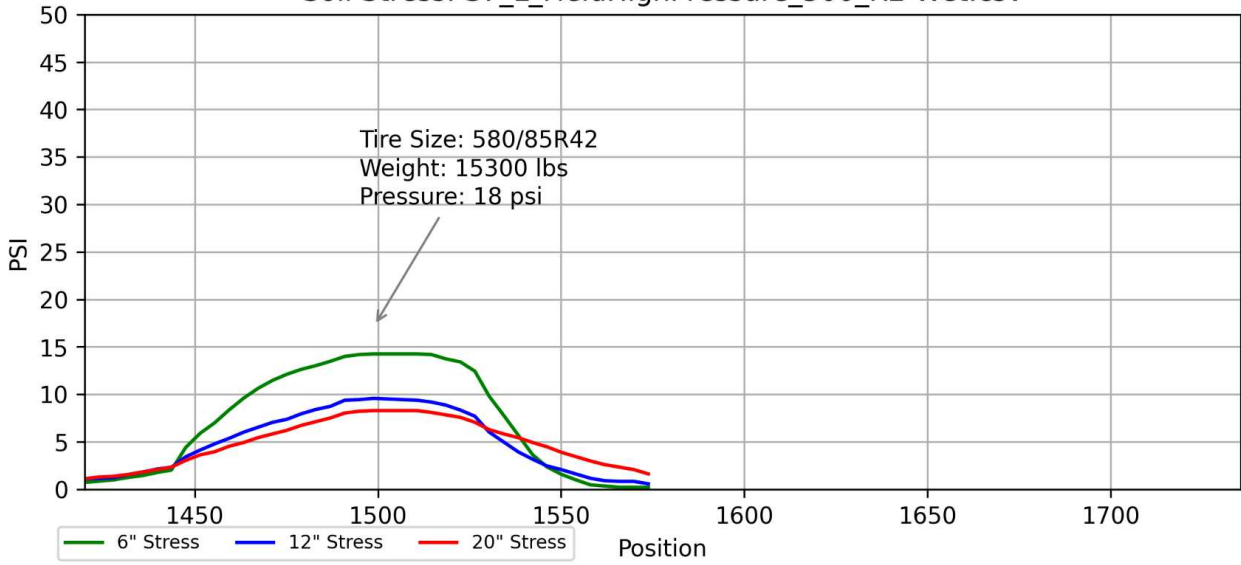
Estimated Soil Effect Under Tires



S7 R2-Wet Combine with Duals - 40ft macdon

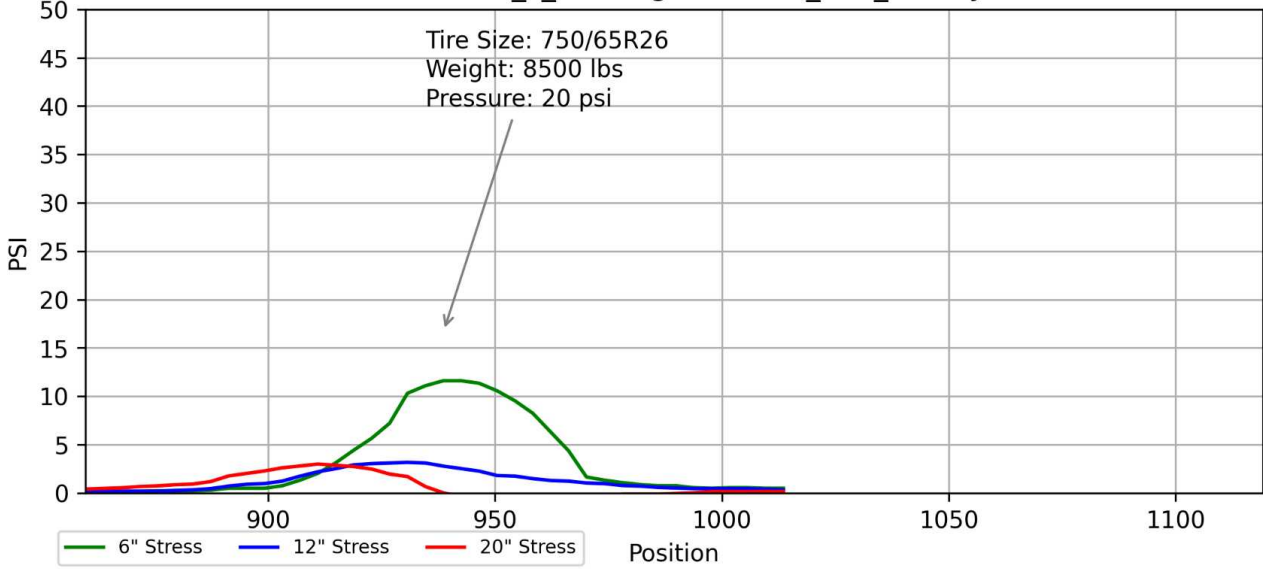
Wet Soil

Soil Stress: S7_L_FieldHighPressure_500_R2-Wet.csv

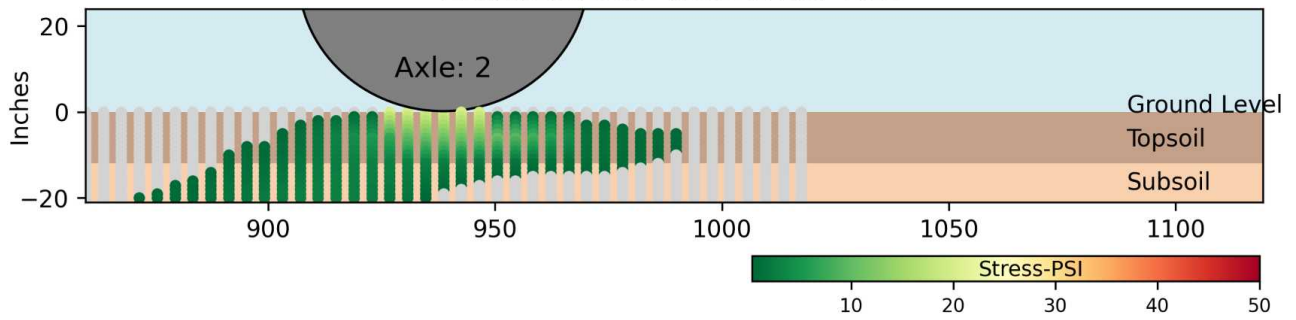


S7 R2-Dry Combine with Duals - 40ft macdon
Dry Soil

Soil Stress: S7_L_FieldHighPressure_502_R2-Dry.csv



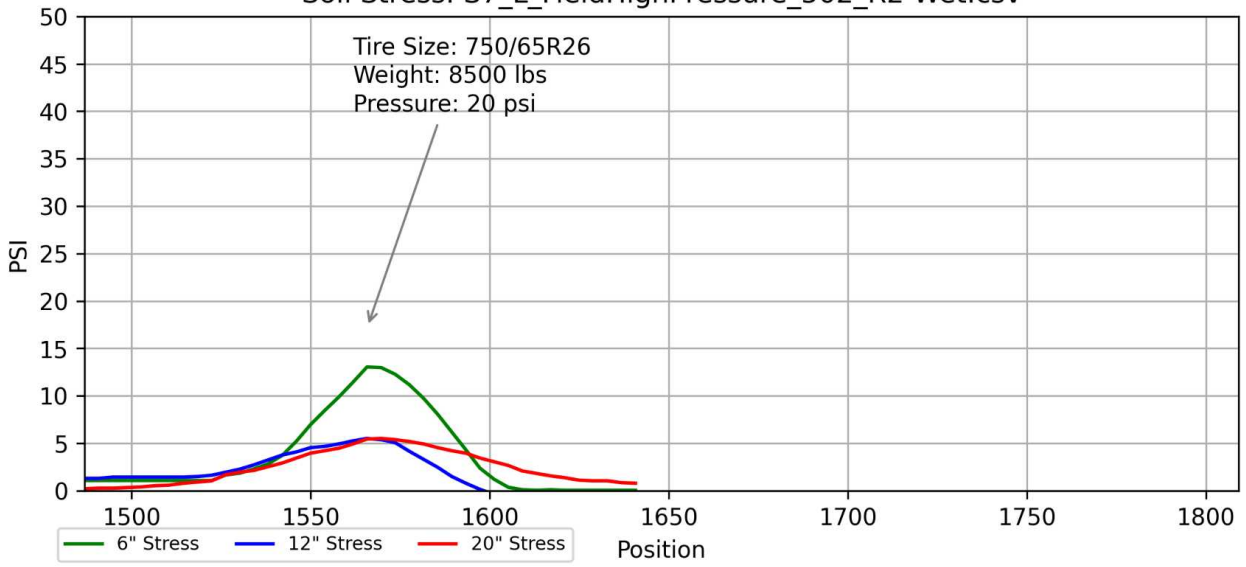
Estimated Soil Effect Under Tires



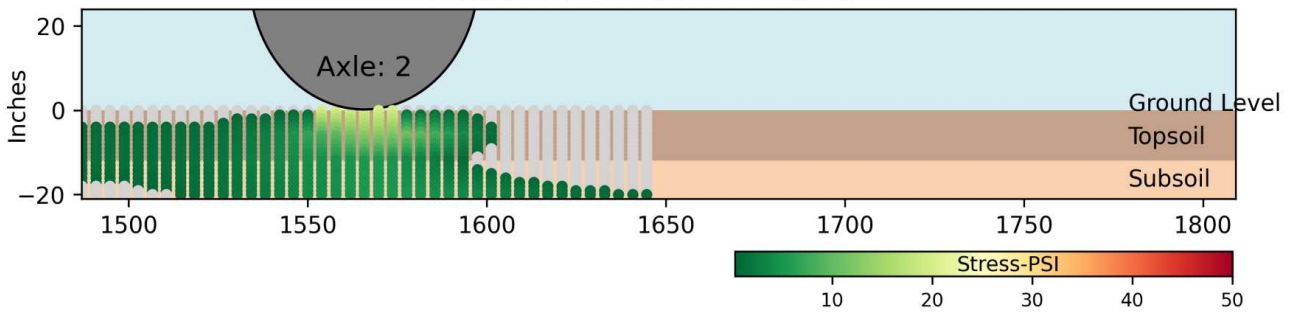
S7 R2-Wet Combine with Duals - 40ft macdon

Wet Soil

Soil Stress: S7_L_FieldHighPressure_502_R2-Wet.csv



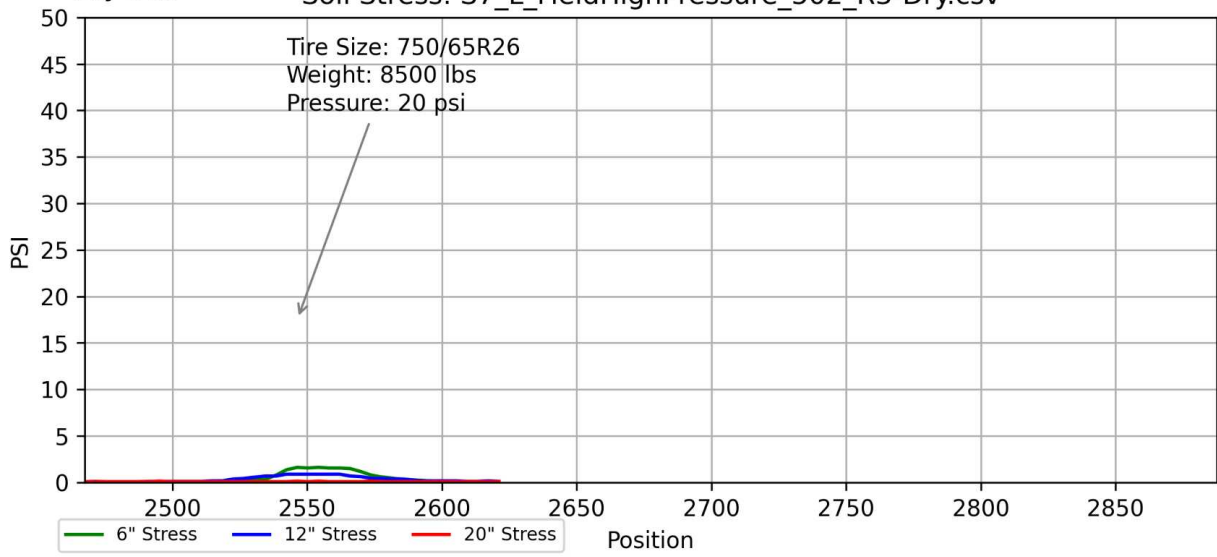
Estimated Soil Effect Under Tires



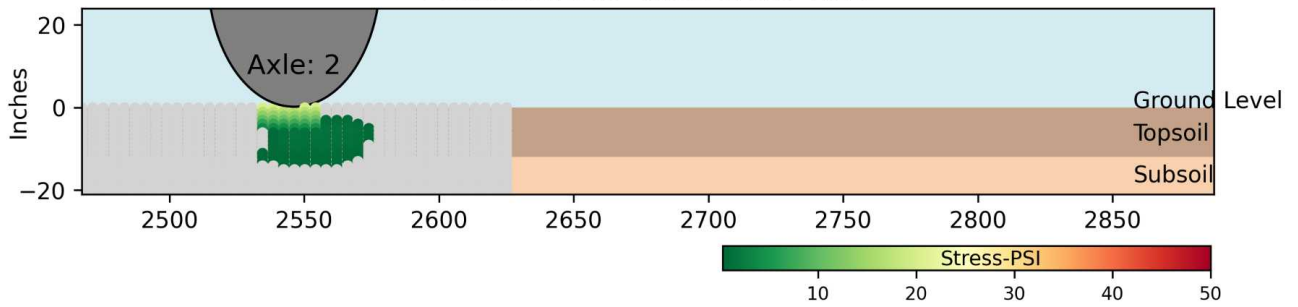
S7 R3-Dry Combine with Duals - 40ft macdon

Dry Soil

Soil Stress: S7_L_FieldHighPressure_502_R3-Dry.csv



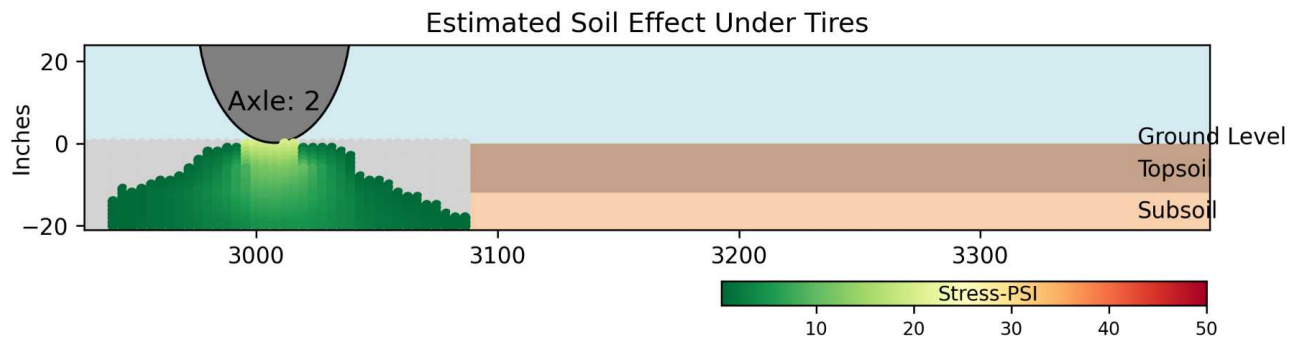
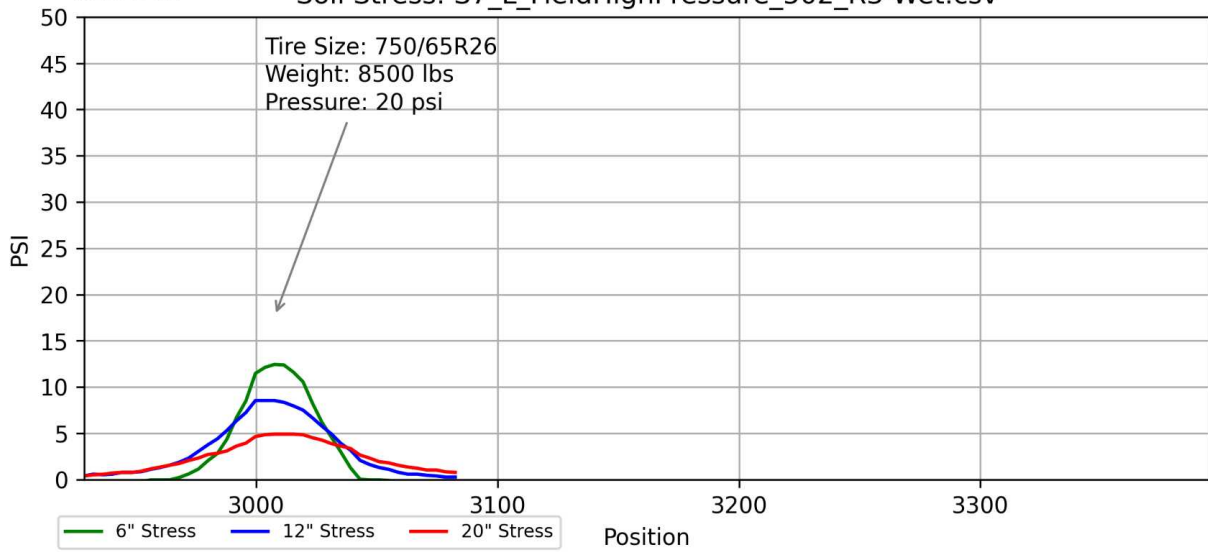
Estimated Soil Effect Under Tires



S7 R3-Wet Combine with Duals - 40ft macdon

Wet Soil

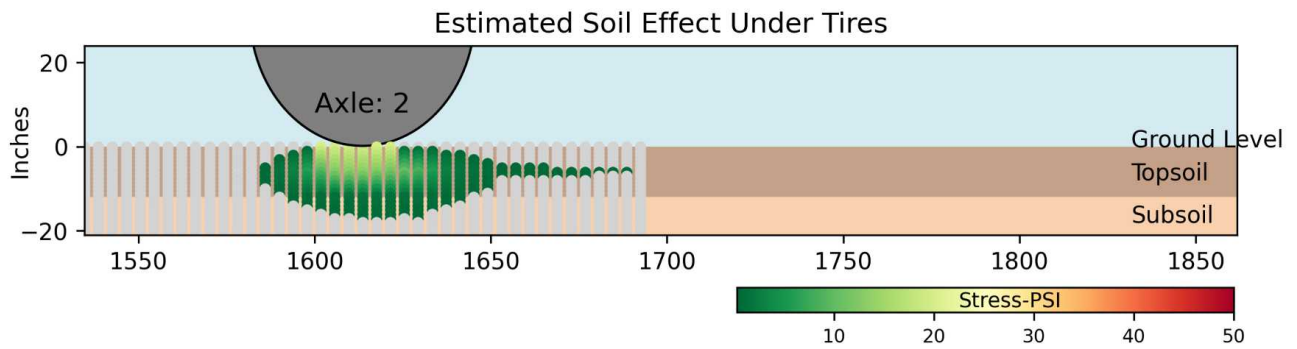
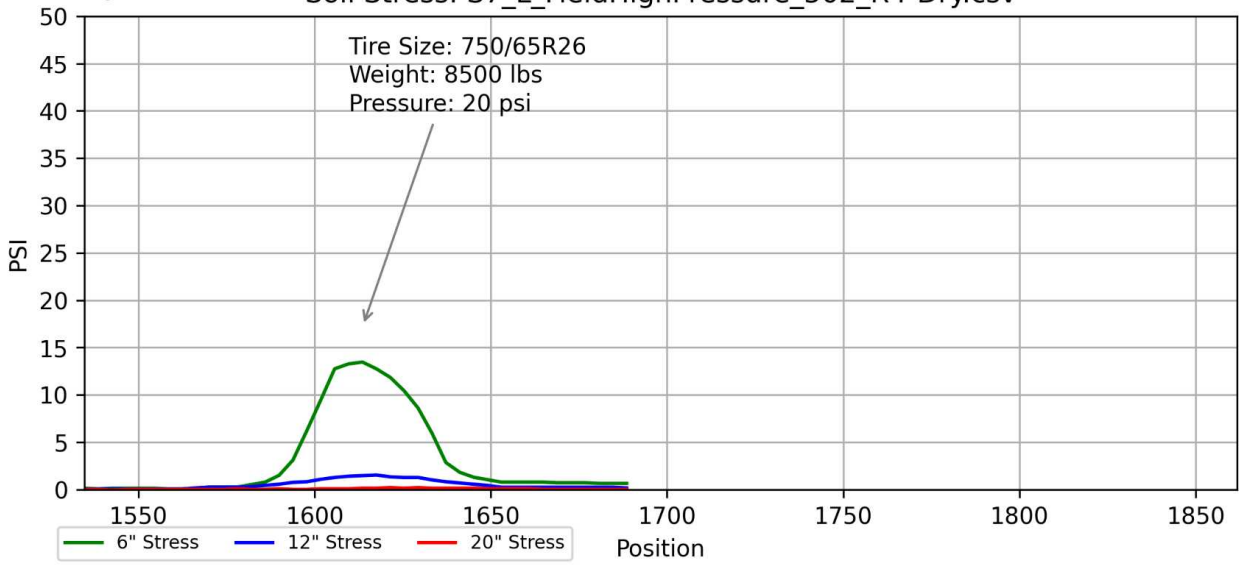
Soil Stress: S7_L_FieldHighPressure_502_R3-Wet.csv



S7 R4-Dry Combine with Duals - 40ft macdon

Dry Soil

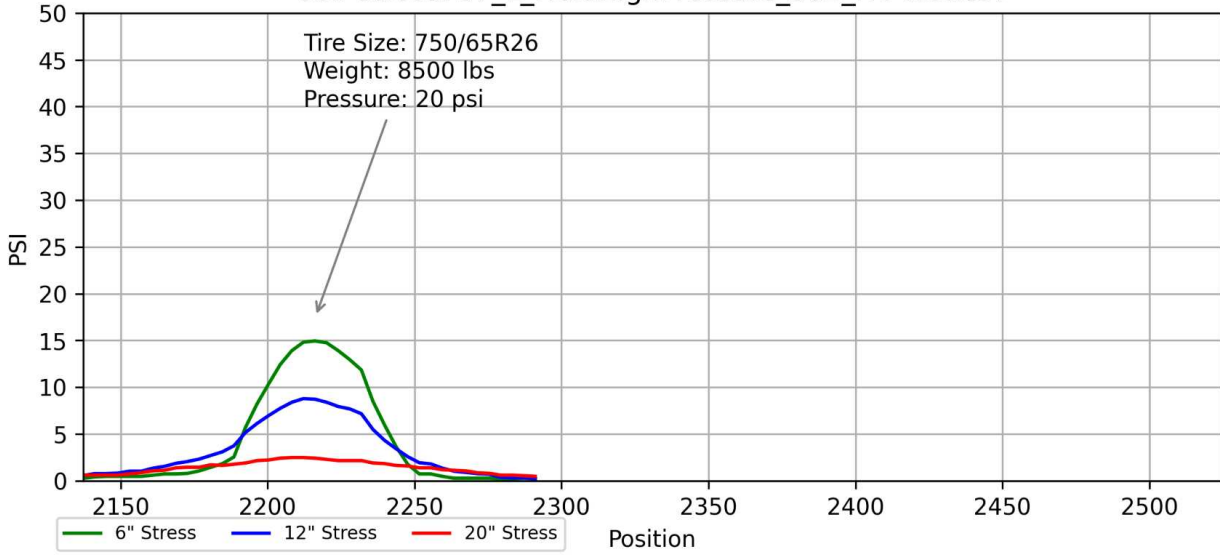
Soil Stress: S7_L_FieldHighPressure_502_R4-Dry.csv



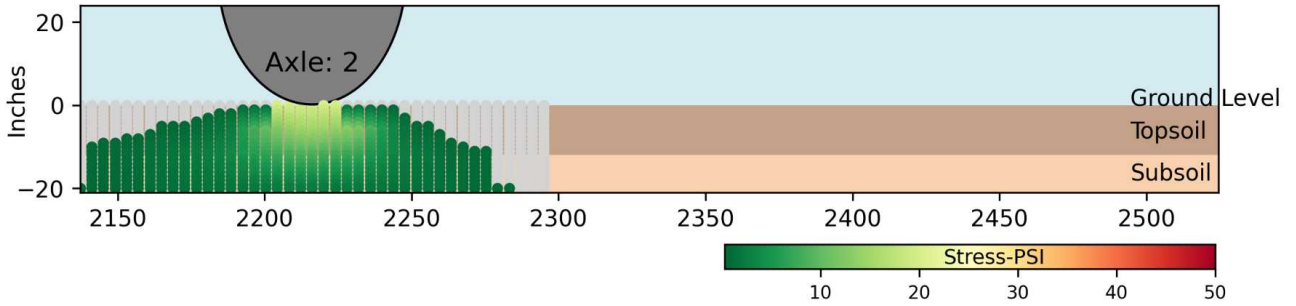
S7 R4-Wet Combine with Duals - 40ft macdon

Wet Soil

Soil Stress: S7_L_FieldHighPressure_502_R4-Wet.csv



Estimated Soil Effect Under Tires



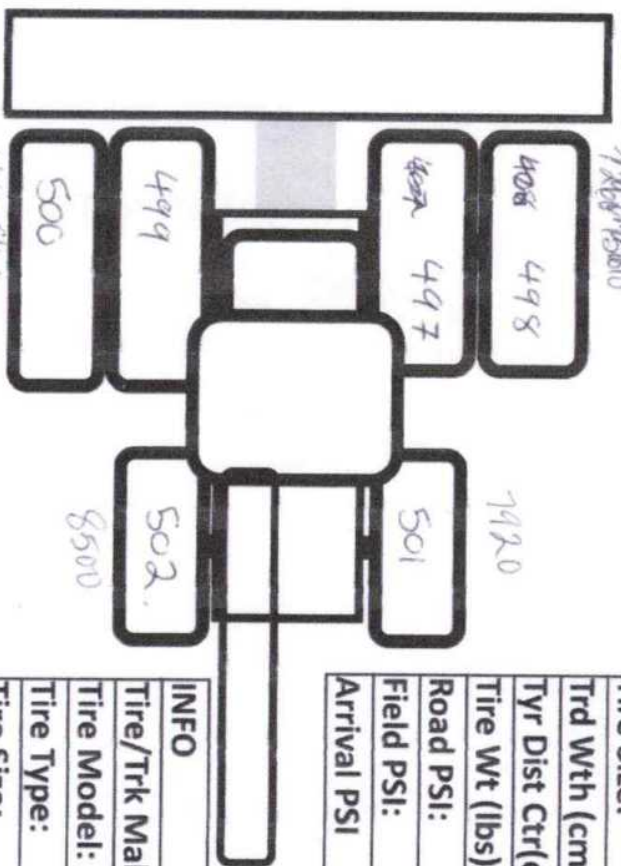
Exh#:	57	ExhNote:		Field/Road psi, Lft/Rgt tires, hvly/Lgt wt
ExhName:	Combine 404 McDon	OwnerName:	Rob Butler	Phone#:
EquipType:		Make:	Case IH Axial	Model:
				7250

INFO	Inside	Outside
Tire/Trk Make:	Michelin	
Tire Model:	Vereshb2	
Tire Type:	VF	
Tire Size:	580/65R42	
Trd Wth (cm)	55	55
Tyr Dist Ctr(cm)	152.5	152.5
Tire Wt (lbs):	7240+7510	5640+7120
Road PSI:	18	18
Field PSI:	18	23
Arrival PSI	23	22 23

Axle Distance (cm)	
1	2
3	4
5	6
7	8
0	380

INFO	Inside	Outside
Tire/Trk Make:	Michelin	
Tire Model:	New X Bib	
Tire Type:	Radial	
Tire Size:	750/65R26	
Trd Wth (cm)	68	
Tyr Dist Ctr(cm)	183	
Tire Wt (lbs):	7920	
Road PSI:	20	
Field PSI:	15	
Arrival PSI	24	X

INFO	Inside	Outside
Tire/Trk Make:	M.	
Tire Model:	Cerexb12	
Tire Type:	VF	
Tire Size:	580/85R42	
Trd Wth (cm)	152.5	227
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	10080+5700	9140+6160
Road PSI:	18	
Field PSI:	18	
Arrival PSI	24	23 23



INFO	Inside	Outside
Tire/Trk Make:		
Tire Model:		
Tire Type:		
Tire Size:	750 165R26	
Trd Wth (cm)		
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	8500	
Road PSI:	20	
Field PSI:	15	
Arrival PSI	24	X

Combine - Wheeled

Empty or Loaded?

Header On: Yes / No

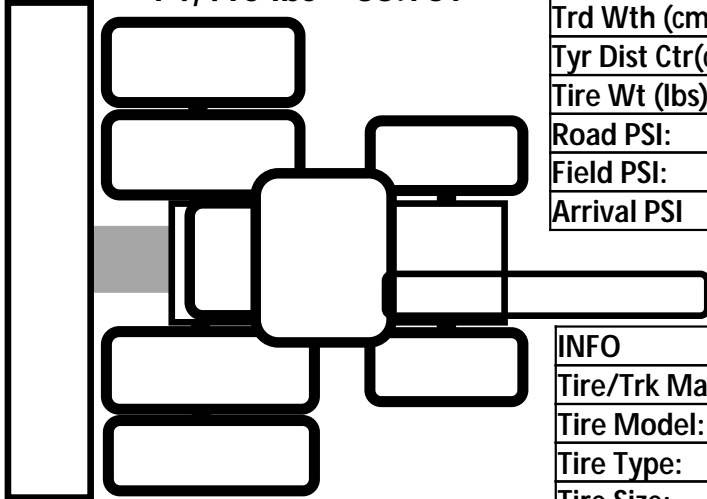
CTIS: Yes / No?

Exh#:	S7	ExhNote:		Field/Road psi, Lft/Rgt tires, Hvy/Lgt wt
ExhName:	Combine 40ft MacDon	OwnerName:	Rob Butler	Phone#:
EquipType:	Wheeled Dual Combine	Make:	Case IH Axial	Model:
				7250

INFO	Inside	Outside
Tire/Trk Make:	Michelin	
Tire Model:	Cerexbib2	
Tire Type:	VF	
Tire Size:	580/86R42	
Trd Wth (cm)	55	55
Tyr Dist Ctr(cm)	152.5	227
Tire Wt (lbs):	14750	12760
Road PSI:	18	18
Field PSI:	18	18
Arrival PSI	23	27

Axle Distance (cm)							
1	2	3	4	5	6	7	8
0	380						

74,410 lbs = 33.75T



INFO	Inside	Outside
Tire/Trk Make:	Michelin	
Tire Model:	MegaXBib	
Tire Type:	Radial	
Tire Size:	750/65R26	
Trd Wth (cm)	68	
Tyr Dist Ctr(cm)	183	
Tire Wt (lbs):	7920	
Road PSI:	20	
Field PSI:	15	
Arrival PSI	24	

INFO	Inside	Outside
Tire/Trk Make:	Michelin	
Tire Model:		
Tire Type:		
Tire Size:		
Trd Wth (cm)		
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	15180	15300
Road PSI:	18	18
Field PSI:	18	18
Arrival PSI	24	23



INFO	Inside	Outside
Tire/Trk Make:		
Tire Model:		
Tire Type:		
Tire Size:		
Trd Wth (cm)		
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	8500	
Road PSI:	20	
Field PSI:	15	
Arrival PSI	24	

Combine - Wheeled	Empty or <u>Loaded?</u>	Header On <u>Yes</u> / No	CTIS: Yes / <u>No?</u>
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S8 - JD X9 1100 Tracked Combine MD 45 Draper

Compaction Event Report: St. Clair (S8)

S8

JD X9 1100 Tracked Combine MD 45 Draper



Aug 5,6,7, 2025
Rutherford, Ontario







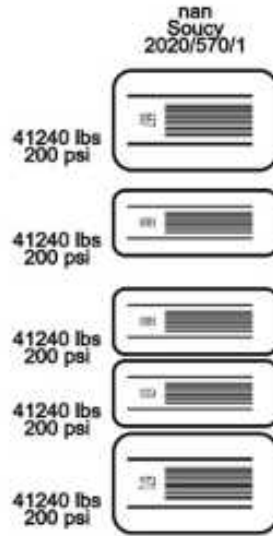
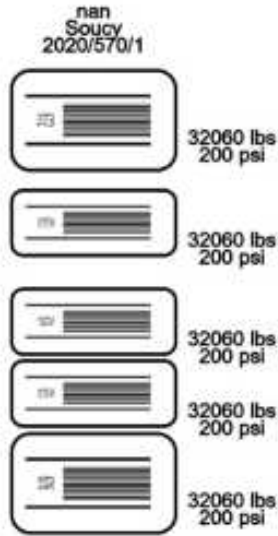
S8_FieldHighPressure
Tire Layout - Overhead View



Left Side

Right Side

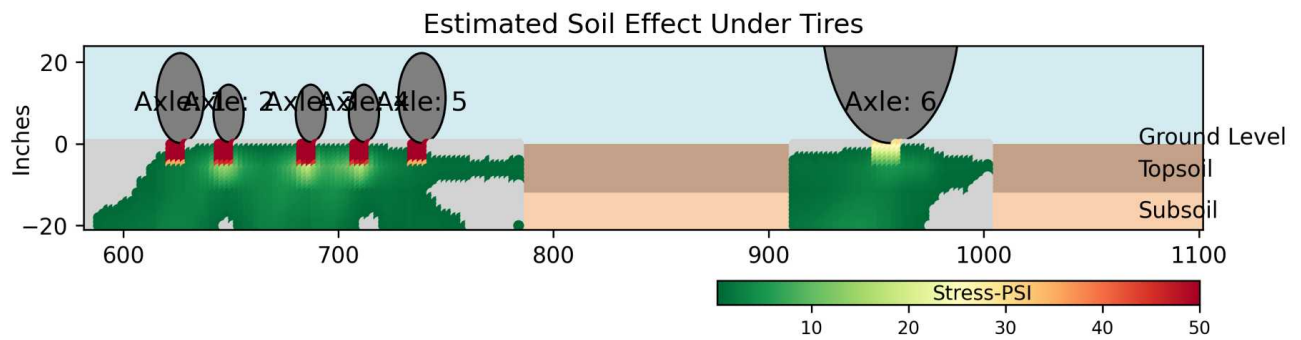
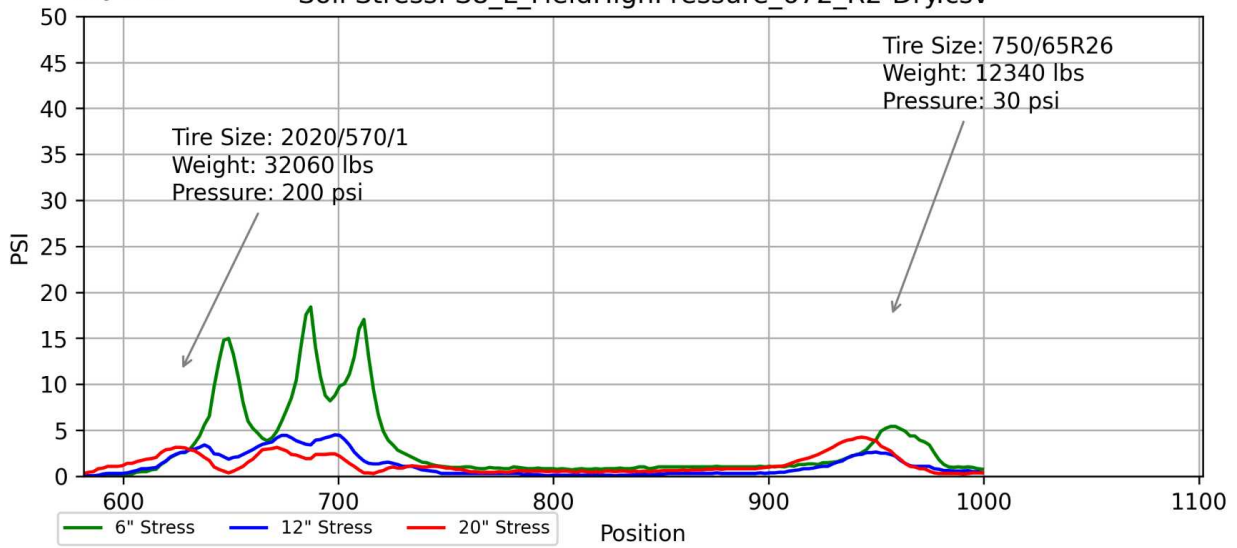
Axle #: 1, Total Weight: 73300 lbs
 Axle #: 2, Total Weight: 25300 lbs
 Total Weight: 98600 lbs



S8 R2-Dry John Deere X9 Combine with Tracks

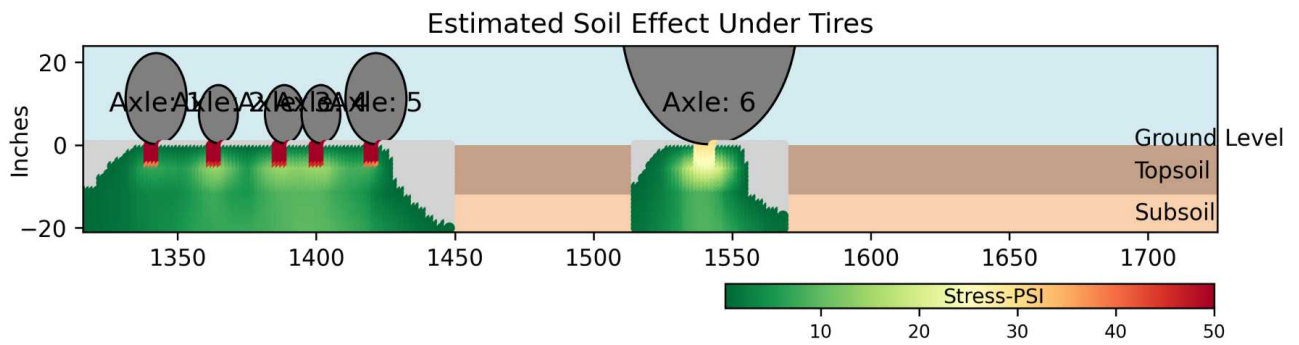
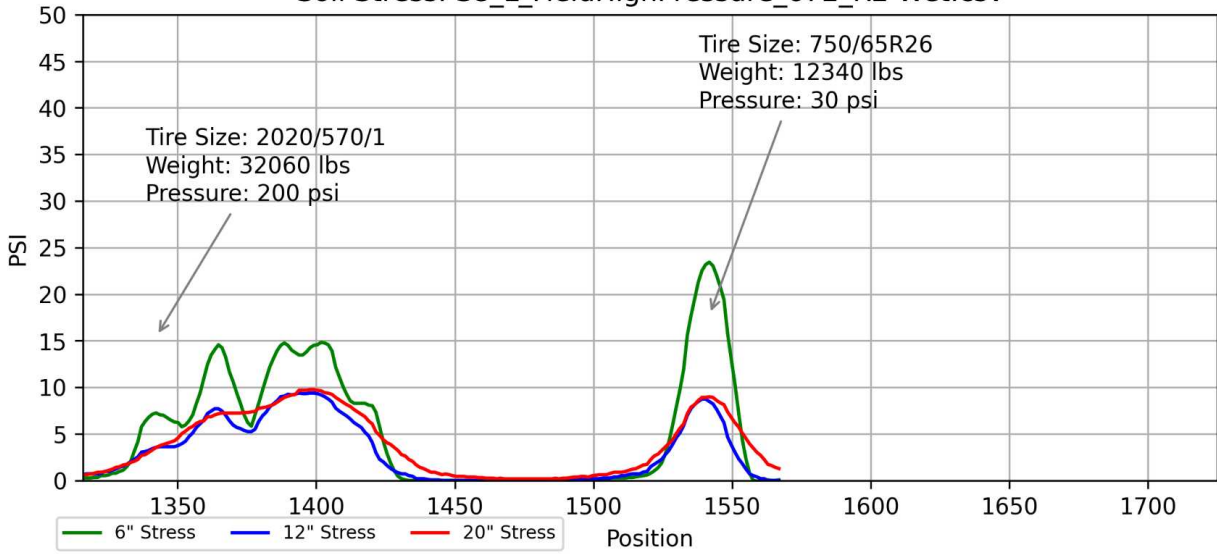
Dry Soil

Soil Stress: S8_L_FieldHighPressure_672_R2-Dry.csv



S8 R2-Wet
Wet Soil

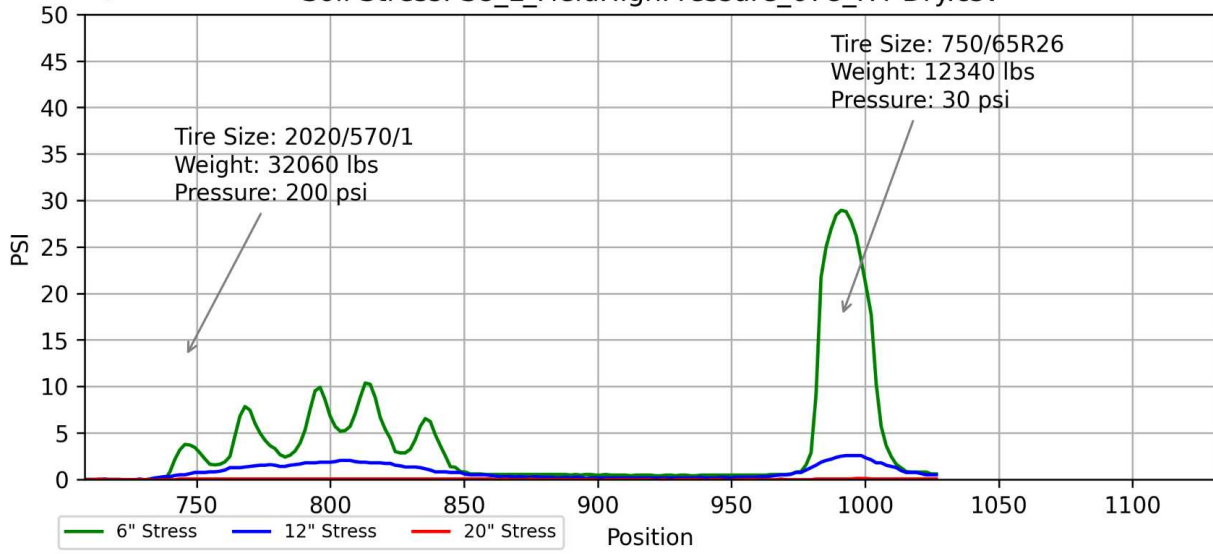
John Deere X9 Combine with Tracks
Soil Stress: S8_L_FieldHighPressure_672_R2-Wet.csv



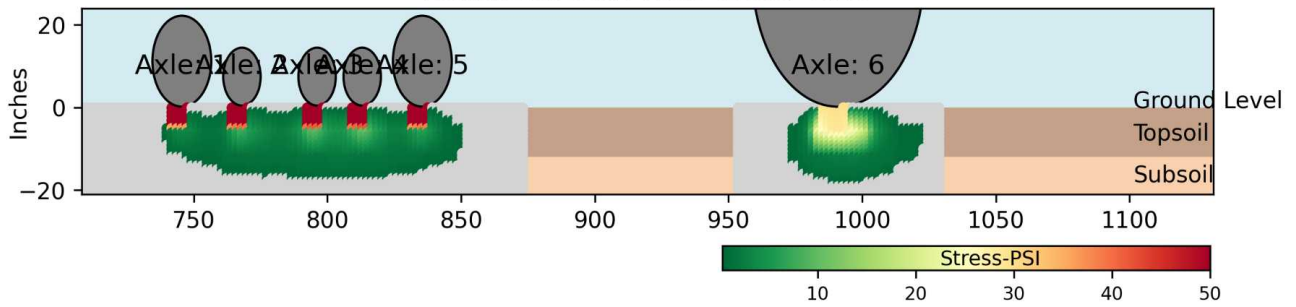
S8 R4-Dry John Deere X9 Combine with Tracks

Dry Soil

Soil Stress: S8_L_FieldHighPressure_678_R4-Dry.csv



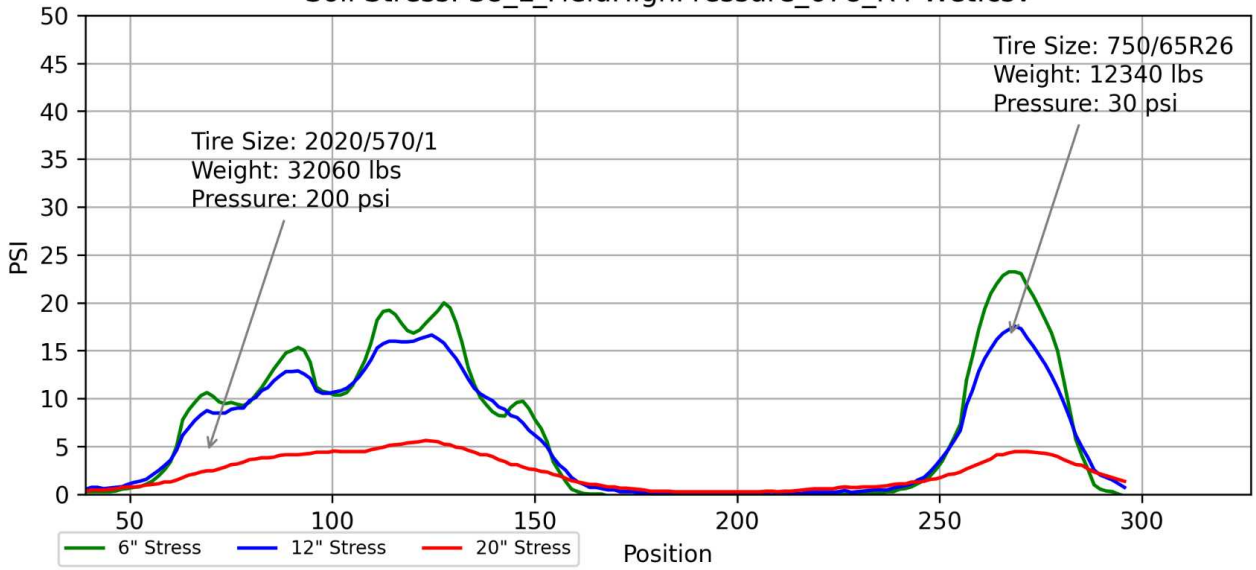
Estimated Soil Effect Under Tires



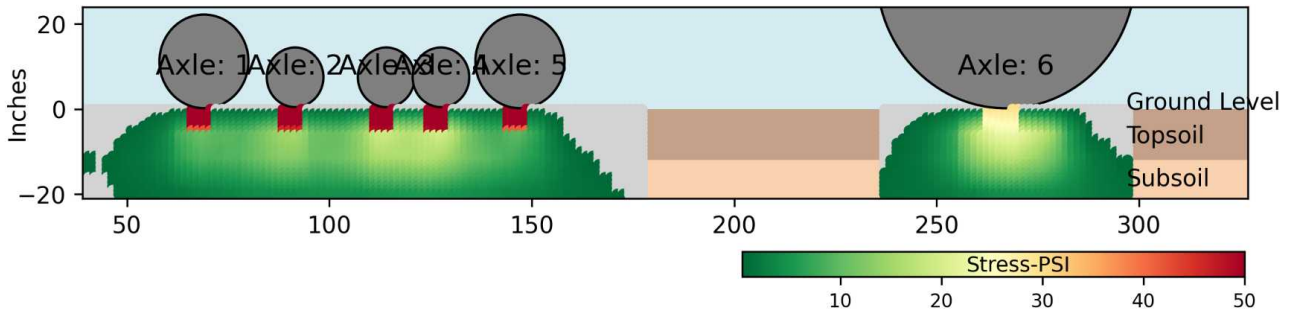
S8 R4-Wet John Deere X9 Combine with Tracks

Wet Soil

Soil Stress: S8_L_FieldHighPressure_678_R4-Wet.csv



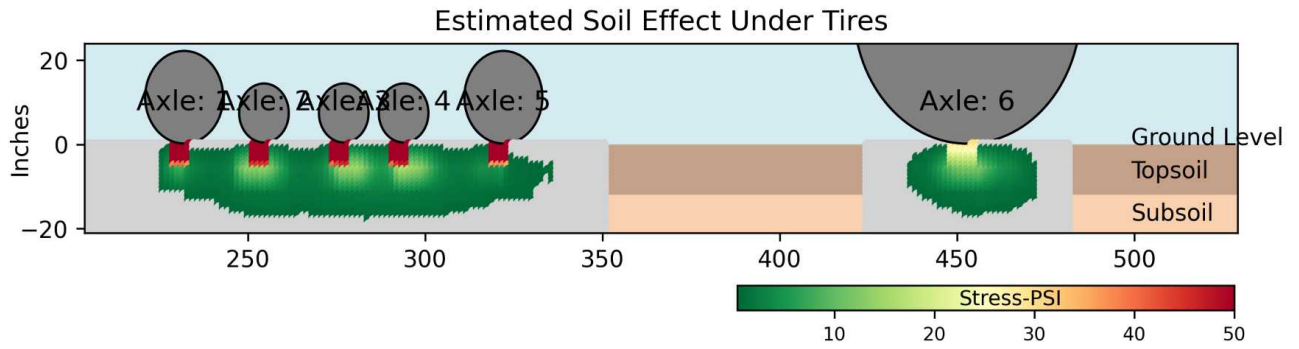
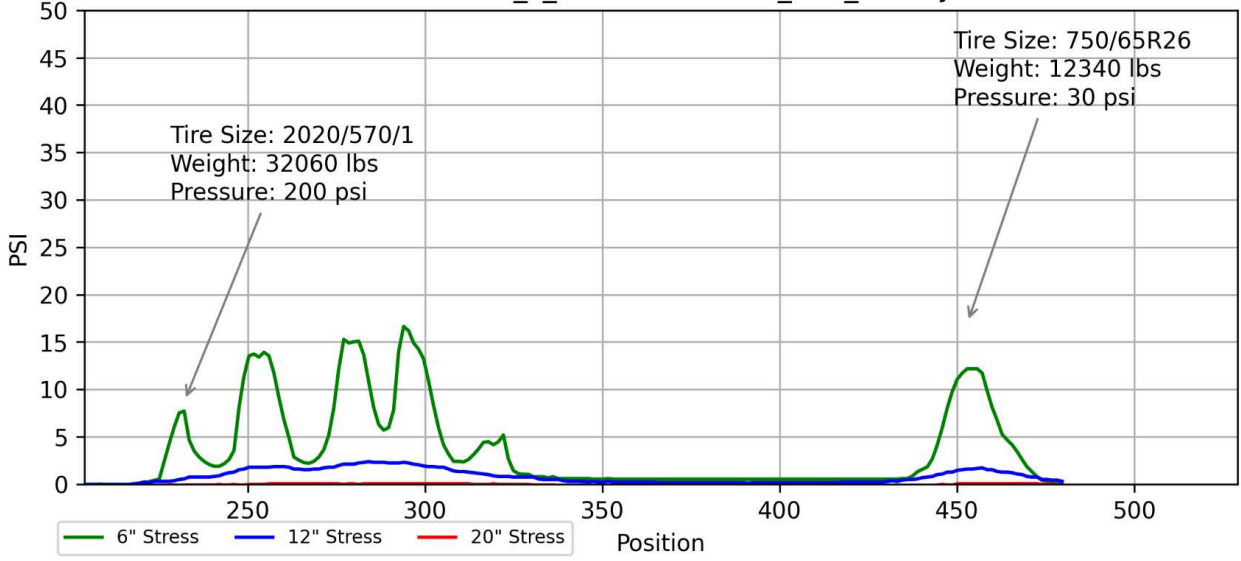
Estimated Soil Effect Under Tires



S8 R4-Dry John Deere X9 Combine with Tracks

Dry Soil

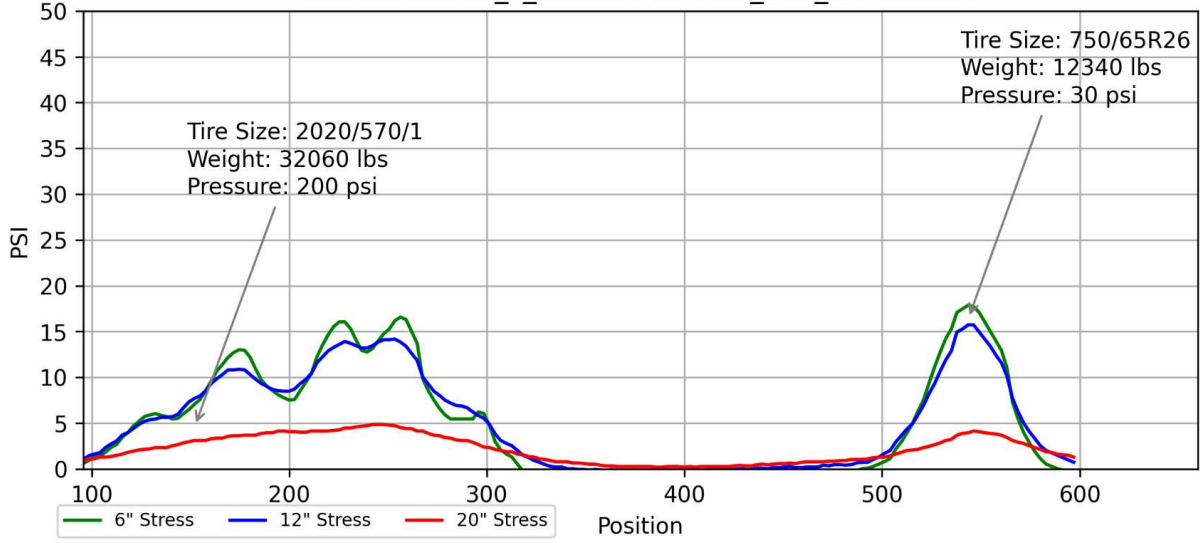
Soil Stress: S8_L_TrackOuterThird_672_R4-Dry.csv



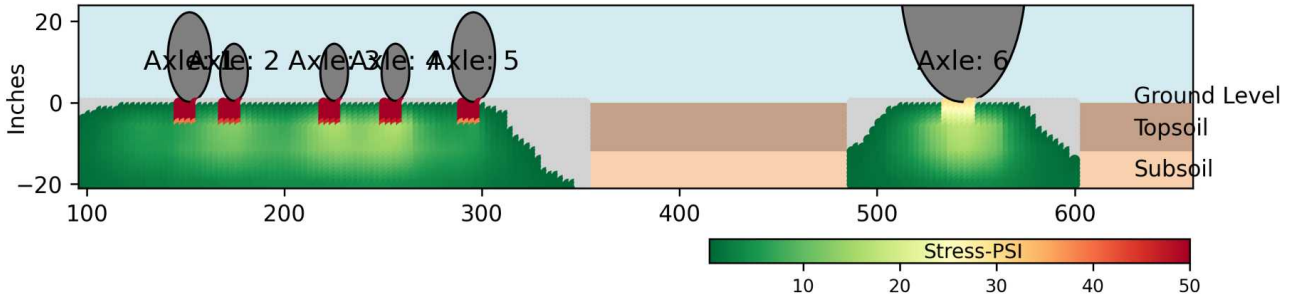
S8 R4-Wet John Deere X9 Combine with Tracks

Wet Soil

Soil Stress: S8_L_TrackOuterThird_672_R4-Wet.csv



Estimated Soil Effect Under Tires



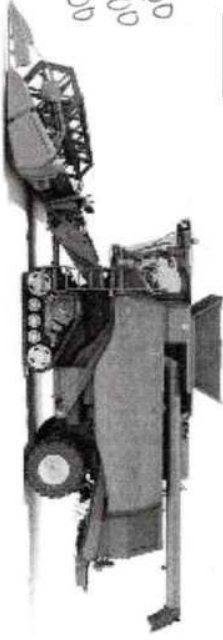
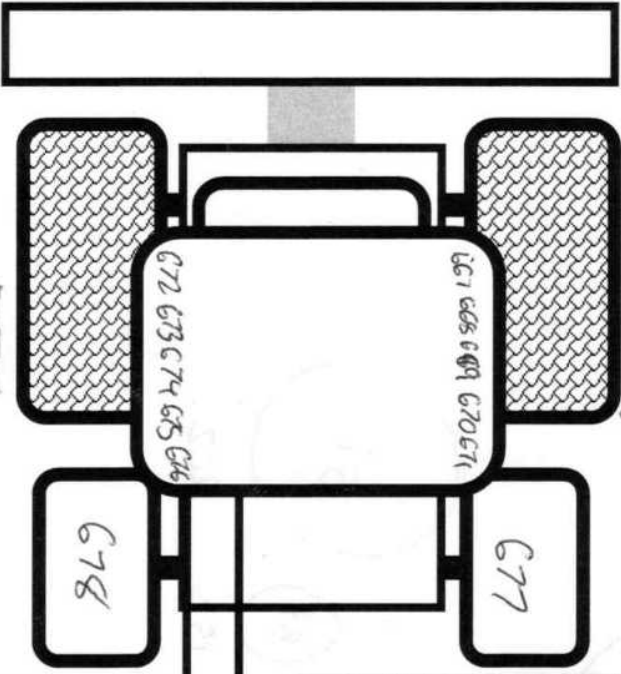
Exh#:	S8	ExhNote:		Field/Road psi, Lt/Rt tires, Hi/Low wt
ExhName:		OwnerName:	Joe Riedl	Phone#:
EquipType:	Combine Tracker - 45 mcdm	Make:	John Deere	Model:
				X9 110b

INFO	Track
Tire/Trk Make:	Souey
Tire Model:	
Tire Type:	
Tire Size:	
Trk Light (cm)	
Trd Wth (cm)	93
Tyr Dist Ctr(cm)	372 ÷ 2
TireWt (lbs):	41240
Road PSI:	NA
Field PSI:	NA
Arrival PSI	NA

Axle Distance (cm)								
1	2	3	4	5	6	7	8	
0	490							

INFO	Inside	Outside
Tire/Trk Make:	Firestone	
Tire Model:	maxitraction	
Tire Type:	VF	
Tire Size:	750/65R26	
Trd Wth (cm)	70	
Tyr Dist Ctr(cm)	365 ÷ 2	
Tire Wt (lbs):	12960	
Road PSI:		
Field PSI:		
Arrival PSI	30	

INFO	Track
Tire/Trk Make:	
Tire Model:	
Tire Type:	
Tire Size:	
Trk Light (cm)	
Trd Wth (cm)	
Tyr Dist Ctr(cm)	
TireWt (lbs):	32050
Road PSI:	NA
Field PSI:	NA
Arrival PSI	NA



INFO	Inside	Outside
Tire/Trk Make:	Firestone	
Tire Model:		
Tire Type:		
Tire Size:		
Trd Wth (cm)		
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	12340	
Road PSI:		
Field PSI:		
Arrival PSI	30	

Combine - Tracked

Empty or Loaded?

Header On: Yes / No

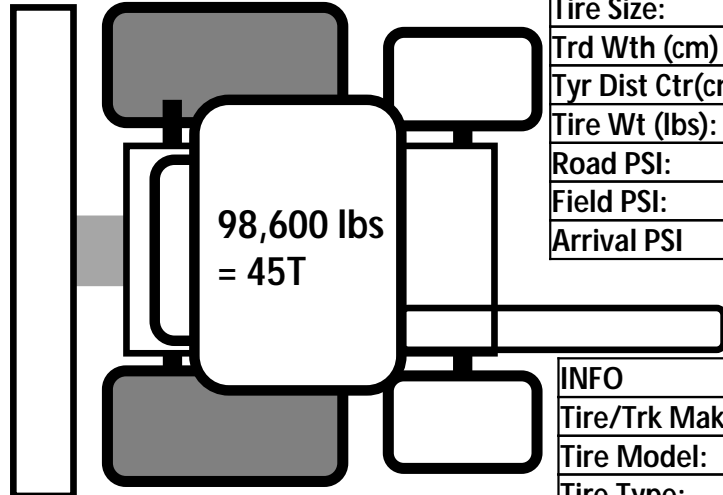
CTIS: Yes / No?

Exh#:	S8	ExhNote:		Field/Road psi, Lt/Rt tires, Hi/Low wt
ExhName:		OwnerName:	Joe Riedl	Phone#:
EquipType:	Combine-Tracks-45ft MacDon	Make:	John Deere	Model:
				X9 1100

INFO	Track
Tire/Trk Make:	Soucy
Tire Model:	
Tire Type:	
Tire Size:	
Trk Lght (cm)	200
Trd Wth (cm)	93
Tyr Dist Ctr(cm)	186
TireWt (lbs):	1420
Road PSI:	NA
Field PSI:	NA
Arrival PSI	NA

Axle Distance (cm)							
1	2	3	4	5	6	7	8
0	57	112	152	202	525		

INFO	Inside	Outside
Tire/Trk Make:	Firestone	
Tire Model:	Maxitraction	
Tire Type:	VF	
Tire Size:	750/65R26	
Trd Wth (cm)	70	
Tyr Dist Ctr(cm)	182.5	
Tire Wt (lbs):	12960	
Road PSI:	35-41	
Field PSI:	26	
Arrival PSI	30	



INFO	Track
Tire/Trk Make:	
Tire Model:	
Tire Type:	
Tire Size:	
Trk Lght (cm)	
Trd Wth (cm)	
Tyr Dist Ctr(cm)	
TireWt (lbs):	32060
Road PSI:	NA
Field PSI:	NA
Arrival PSI	NA

INFO	Inside	Outside
Tire/Trk Make:		
Tire Model:		
Tire Type:		
Tire Size:		
Trd Wth (cm)		
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	12340	
Road PSI:	35-41	
Field PSI:	26	
Arrival PSI	30	



Combine - Tracked

Empty or Loaded?

Header Or Yes / No

CTIS: Yes No?

S14 - RBR Venturi 430 SP Dry Fertilizer Boomed Spreader

Compaction Event Report: St. Clair (S14)

S14

RBR Venturi 430 SP Dry Fertilizer Boomed Spreader



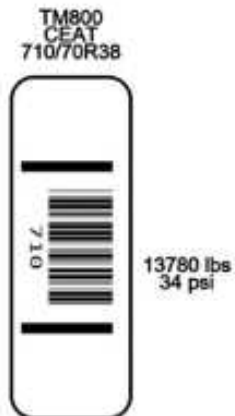
Aug 5,6,7, 2025
Rutherford, Ontario







S14_Sprayer-Boom-In-High-Pressure[®] Side
Tire Layout - Overhead View



Right Side

Axle #: 1, Total Weight: 20940 lbs
Axle #: 2, Total Weight: 28540 lbs
Total Weight: 49480 lbs



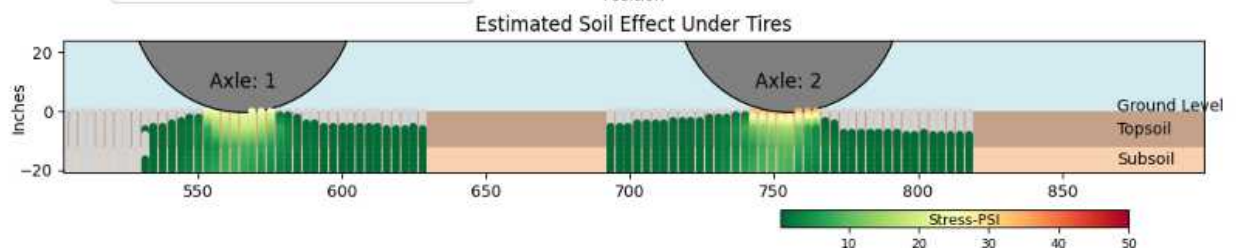
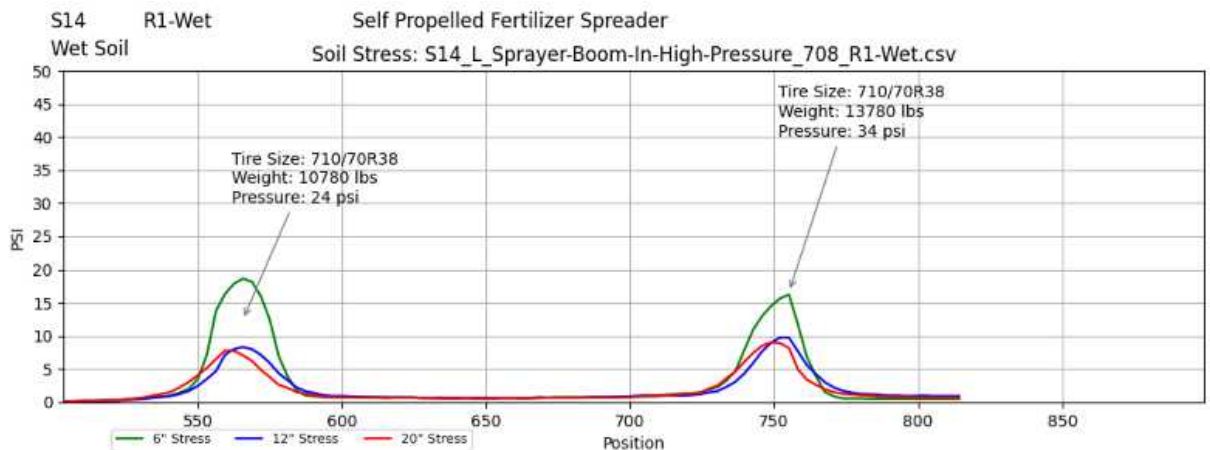
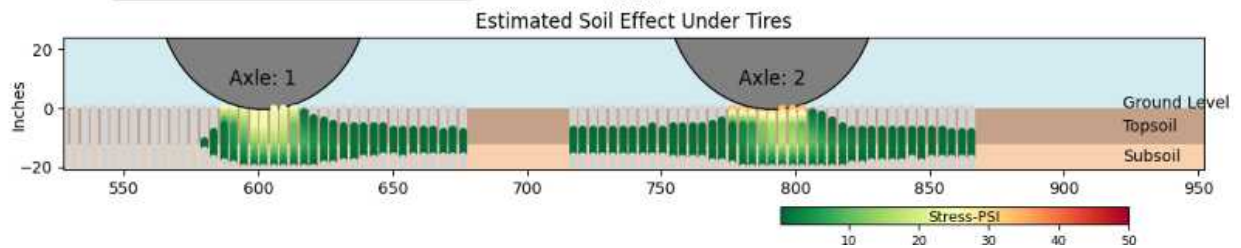
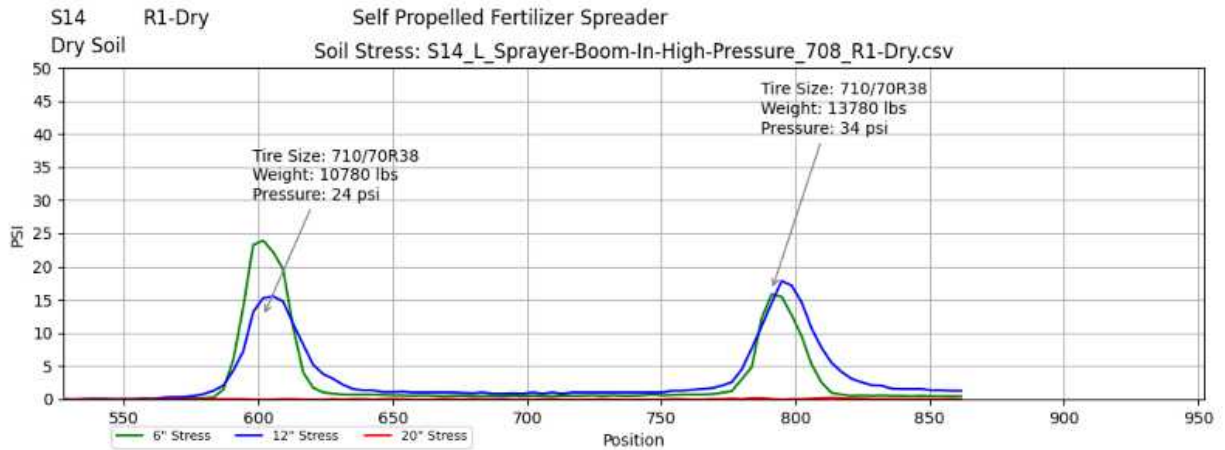
S14_Sprayer-Boom-Out-High-Pressure Tire Layout - Overhead View



Right Side

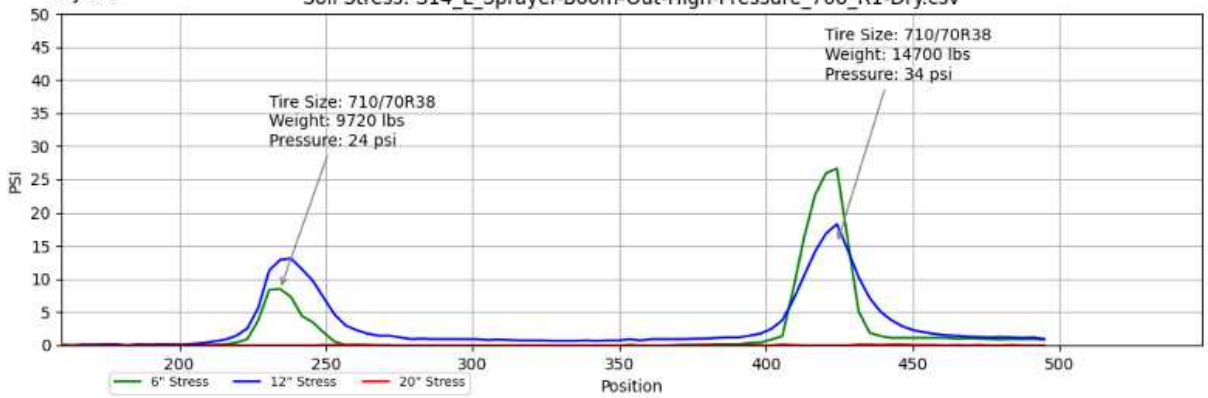
Axle #: 1, Total Weight: 18500 lbs
Axle #: 2, Total Weight: 30860 lbs
Total Weight: 49360 lbs



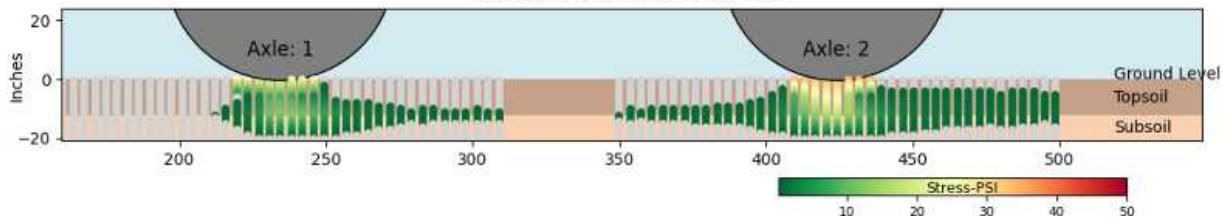


S14 R1-Dry
Dry Soil

Self Propelled Fertilizer Spreader
Soil Stress: S14_L_Sprayer-Boom-Out-High-Pressure_708_R1-Dry.csv

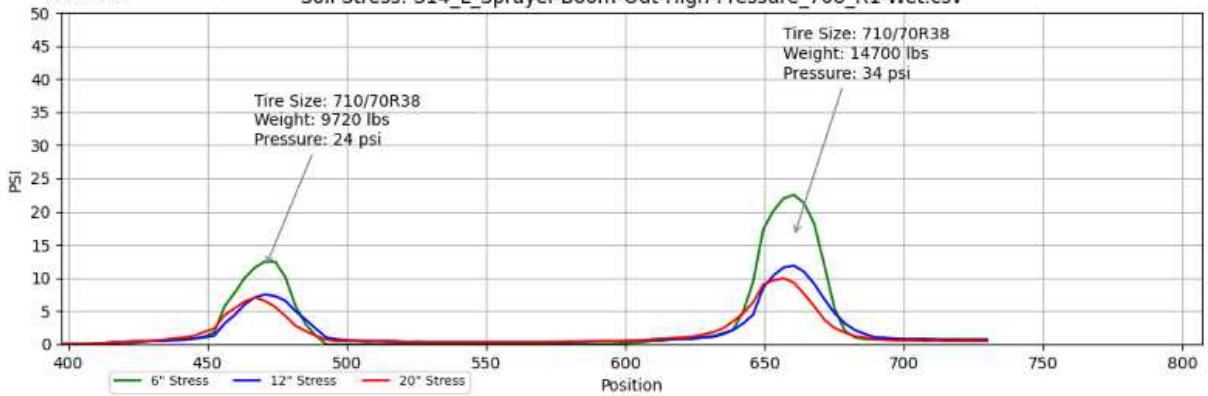


Estimated Soil Effect Under Tires

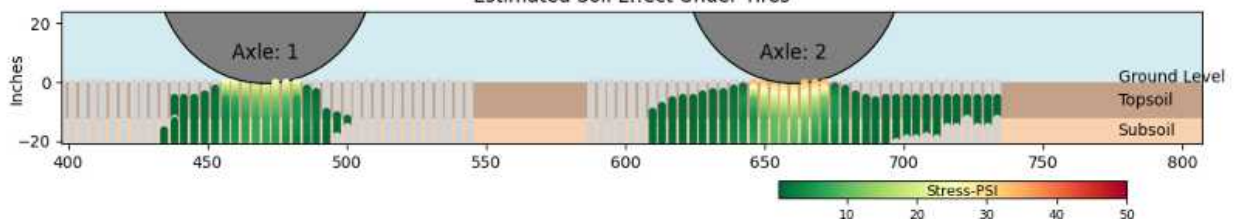


S14 R1-Wet
Wet Soil

Self Propelled Fertilizer Spreader
Soil Stress: S14_L_Sprayer-Boom-Out-High-Pressure_708_R1-Wet.csv



Estimated Soil Effect Under Tires



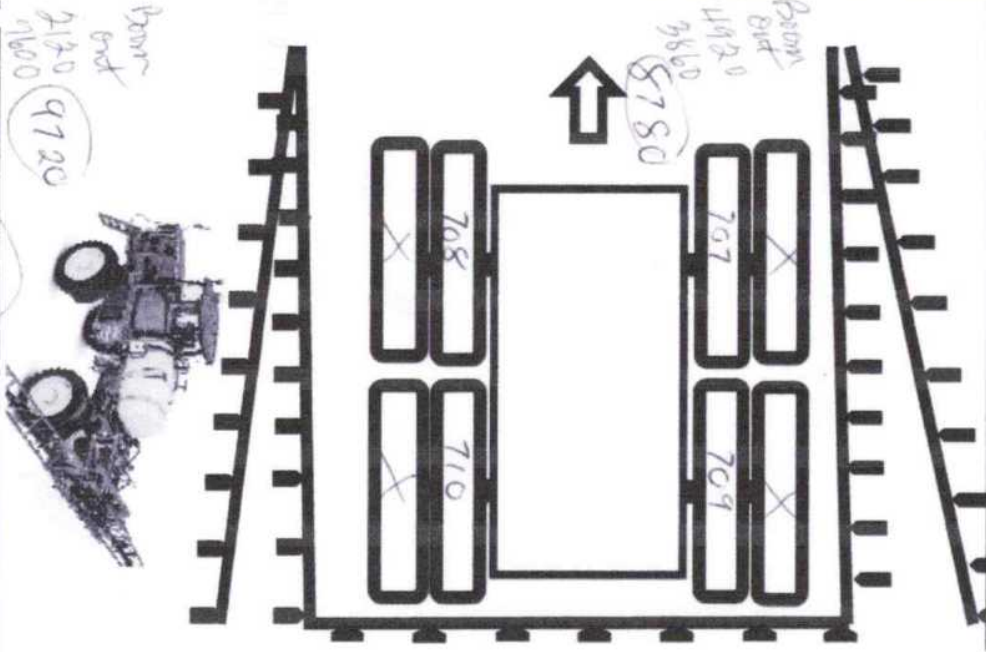
Exh#:	S14	ExhNote:		Field/Road psi, Lft/Rgt tires, hvy/Lgt wt
ExhName:		OwnerName:	Sylvette	Phone#:
EquipType:		Make:	RBR	Model:
				Verhuur 430

INFO	Inside	Outside
Tire/Trk Make:	CEAT	
Tire Model:	Torque Mk	
Tire Type:		
Tire Size:		
Trd Wth (cm)		
Tyr Dist Ctr(cm)	68	
Tire Wt (lbs):	5900+4260	10150
Road PSI:	24	
Field PSI:	12	
Arrival PSI	35	

Axle Distance (cm)							
1	2	3	4	5	6	7	8
0	480						

INFO	Inside	Outside
Tire/Trk Make:	CEAT	
Tire Model:		
Tire Type:		
Tire Size:		
Trd Wth (cm)	68	
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	2840+1920	14760
Road PSI:	34	
Field PSI:	14	
Arrival PSI	34	

INFO	Inside	Outside
Tire/Trk Make:	CEAT	
Tire Model:	Torque Mk	
Tire Type:	VF	
Tire Size:	710/70R38	
Trd Wth (cm)	68	
Tyr Dist Ctr(cm)	336-2	
Tire Wt (lbs):	2420+5360	10780
Road PSI:	24	
Field PSI:	12	
Arrival PSI	30	



Empty or Loaded? Boom Road or Field?

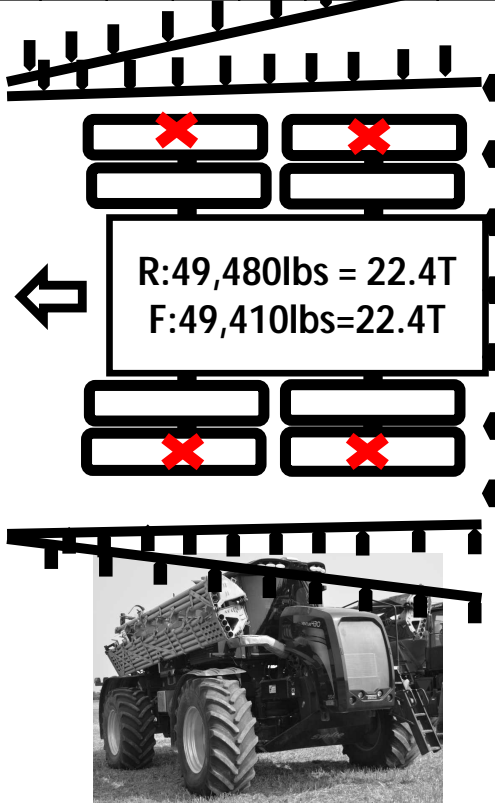
INFO	Inside	Outside
Tire/Trk Make:	Teller bord	
Tire Model:	TM850	
Tire Type:	110/70R38	
Tire Size:		
Trd Wth (cm)	68	
Tyr Dist Ctr(cm)	336-2	
Tire Wt (lbs):	5860+1920	13780
Road PSI:	34	
Field PSI:	14	
Arrival PSI	30	

CTIS: Yes / No?

Exh#:	S14	ExhNote:		Field/Road psi, Lft/Rgt tires, Hvy/Lgt wt
ExhName:		OwnerName:	Sylvite	Phone#:
EquipType:	Boomed Dry Fert SP Spreader	Make:	RBR	Model:
				Venturi 430

INFO	Road	Field
Tire/Trk Make:	CEAT	
Tire Model:	TorqueMax	
Tire Type:	VF	
Tire Size:	710/70R38	
Trd Wth (cm)	68	
Tyr Dist Ctr(cm)	168	
Tire Wt (lbs):	10160	8780
Road PSI:	24	
Field PSI:	12	
Arrival PSI	35	

Axle Distance (cm)							
1	2	3	4	5	6	7	8
0	480						



INFO	Road	Field
Tire/Trk Make:	CEAT	
Tire Model:	TorqueMax	
Tire Type:	VF	
Tire Size:	710/70R38	
Trd Wth (cm)	68	
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	14760	16160
Road PSI:	34	
Field PSI:	14	
Arrival PSI	34	

INFO	Road	Field
Tire/Trk Make:	CEAT	
Tire Model:	TorqueMax	
Tire Type:	VF	
Tire Size:	710/70R38	
Trd Wth (cm)	68	
Tyr Dist Ctr(cm)	168	
Tire Wt (lbs):	10780	9720
Road PSI:	24	
Field PSI:	12	
Arrival PSI	30	

INFO	Road	Field
Tire/Trk Make:	Trelleborg	
Tire Model:	TM800	
Tire Type:	Radial	
Tire Size:	710/70R38	
Trd Wth (cm)	68	
Tyr Dist Ctr(cm)	168	
Tire Wt (lbs):	13780	14700
Road PSI:	34	
Field PSI:	14	
Arrival PSI	30	

SP Spreader – Rear Boom

Empty or Loaded?

Boom Road or Field?

CTIS: Yes / No?

S16 - JD 6410 Dualled RC Tractor +M/W 450 Singled Grain Buggy

Compaction Event Report: St. Clair (S16)

S16

JD 6410 Dualled RC Tractor +M&W 450 Singled Grain Buggy



Aug 5,6,7, 2025
Rutherford, Ontario







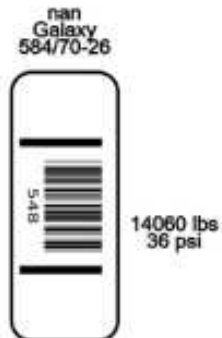
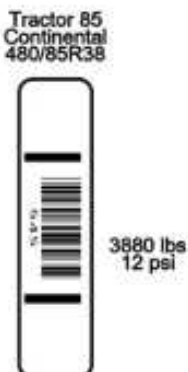
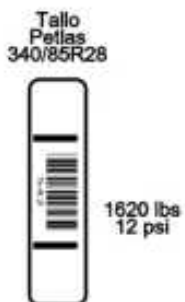


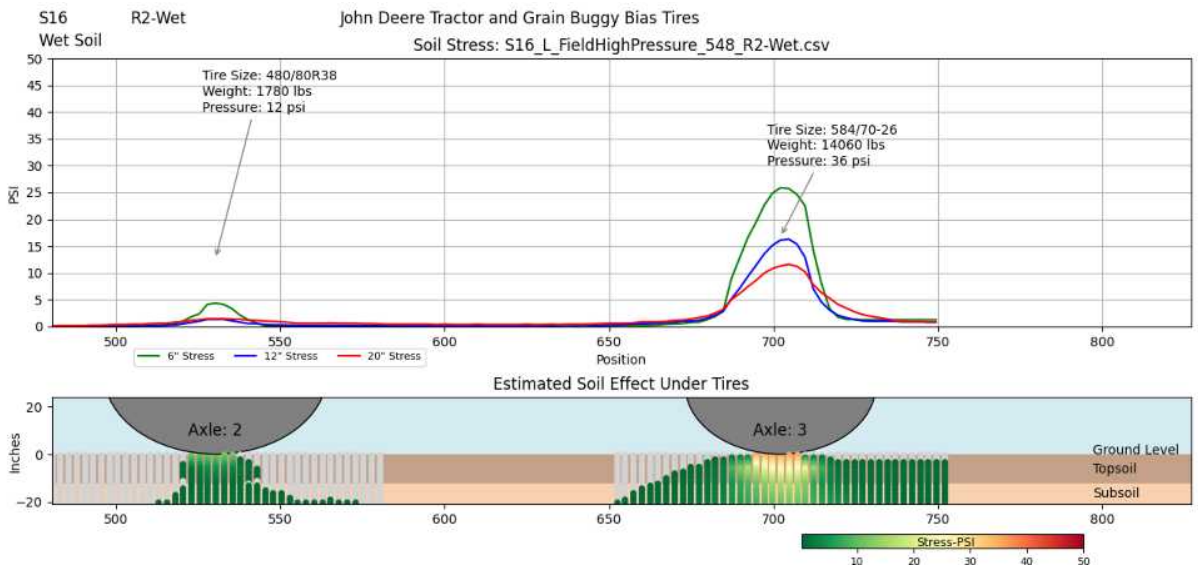
S16_FieldHighPressure
Tire Layout - Overhead View

Left Side

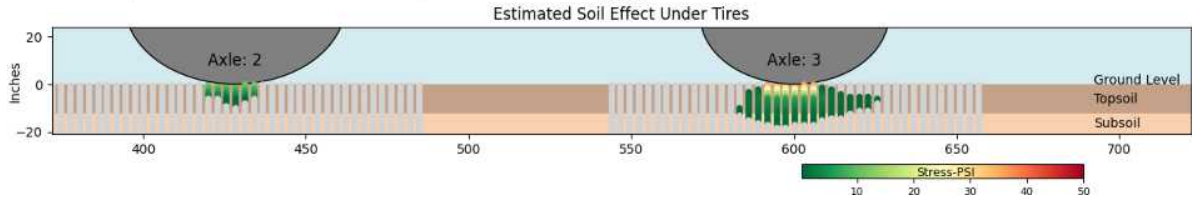
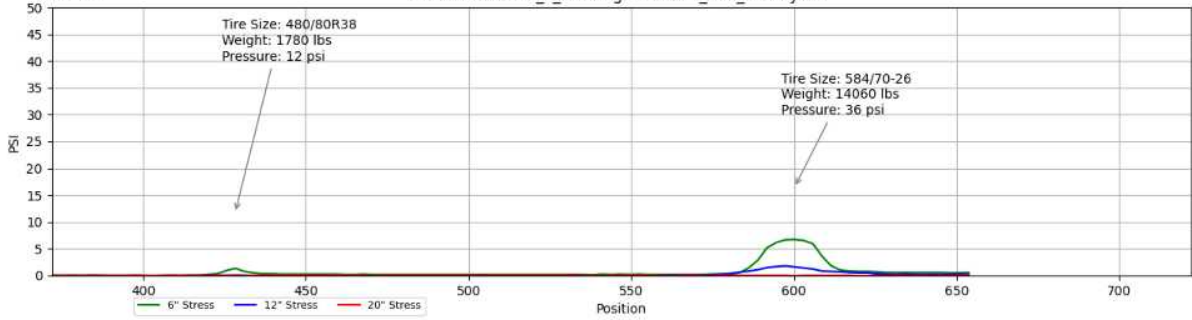
Right Side

Axle #: 1, Total Weight: 3200 lbs
Axle #: 2, Total Weight: 11360 lbs
Axle #: 3, Total Weight: 25100 lbs
Total Weight: 39660 lbs

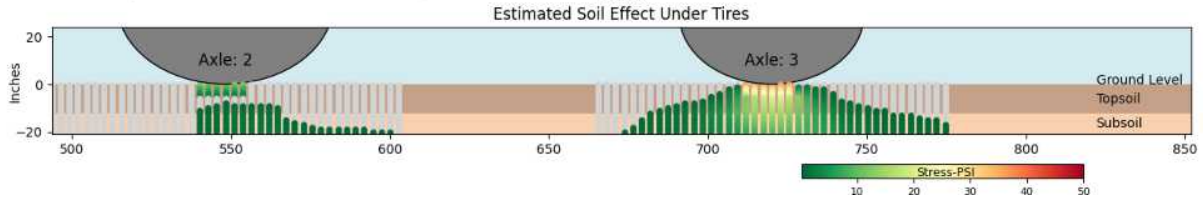
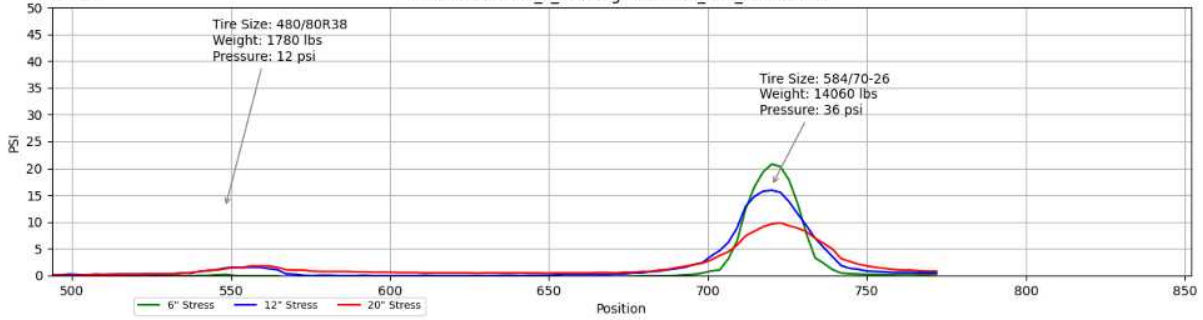


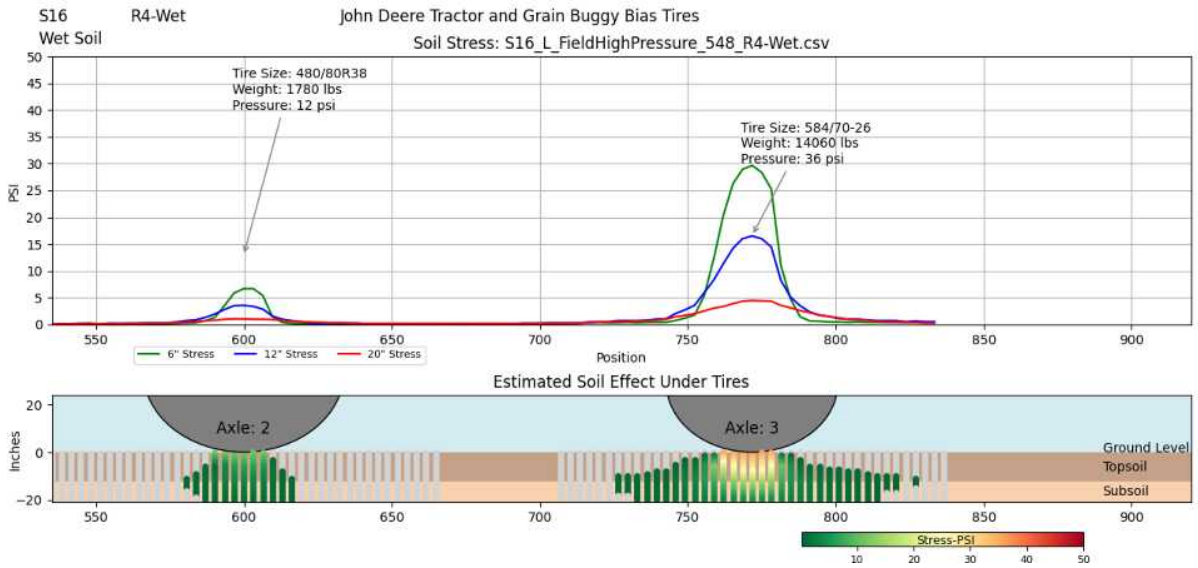
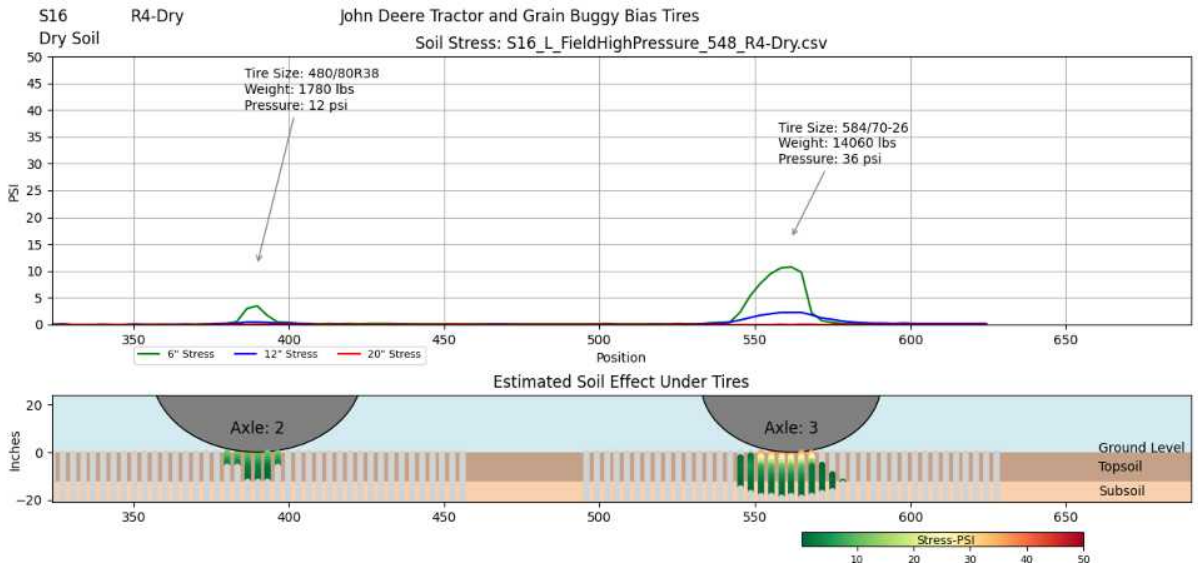


S16 R3-Dry John Deere Tractor and Grain Buggy Bias Tires
 Dry Soil Soil Stress: S16_L_FieldHighPressure_548_R3-Dry.csv



S16 R3-Wet John Deere Tractor and Grain Buggy Bias Tires
 Wet Soil Soil Stress: S16_L_FieldHighPressure_548_R3-Wet.csv

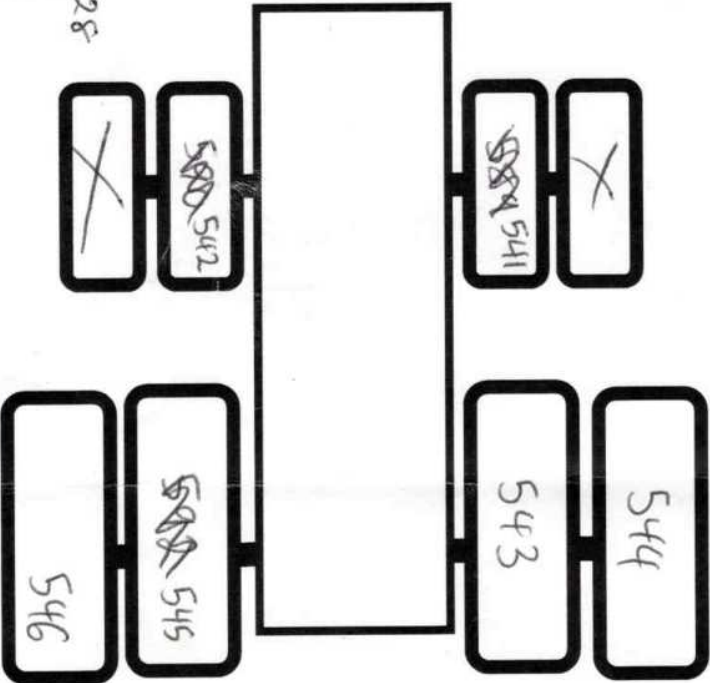




cxh#:	S16	ExhNote:		Field/Road psi, Lft/Rgt tires, Hwy/Lgt wt
ExhName:		OwnerName:	Elyse	Phone#:
EquipType:	Tractor + grain baggy	Make:	JD Httw	Model:
				JD G410 Httw baggy 450

		Axle Distance (cm)							
1	2	3	4	5	6	7	8		
0	245	680							

INFO	Inside	Outside
Tire/Trk Make:	Pettas	
Tire Model:	TA 110	
Tire Type:	Radial	
Tire Size:	340/85	R28
Trd Wth (cm)	33	
Tyr Dist Ctr(cm)	1580	
Tire Wt (lbs):	1580	
Road PSI:	12	
Field PSI:		
Arrival PSI	31	



INFO	Inside	Outside
Tire/Trk Make:	Carbiantal	Pettas
Tire Model:		TA 110
Tire Type:		Radial
Tire Size:	460/85R38	340/85R 28
Trd Wth (cm)	42	
Tyr Dist Ctr(cm)	1620	
Tire Wt (lbs):	1620	
Road PSI:	12	
Field PSI:		
Arrival PSI	24	



INFO	Inside	Outside
Tire/Trk Make:	Carbiantal	Goodyear
Tire Model:	Tractor 85	411re Torgac
Tire Type:		Radial
Tire Size:	460/85R38	480/80R38
Trd Wth (cm)	42	47
Tyr Dist Ctr(cm)	1620	1750
Tire Wt (lbs):	1620	1750
Road PSI:	12	12
Field PSI:		
Arrival PSI	24	22

3980lbs 1780lbs

INFO	Inside	Outside
Tire/Trk Make:	Carbiantal	Goodyear
Tire Model:	Tractor 85	411re Torgac
Tire Type:		Radial
Tire Size:	460/85R38	480/80R38
Trd Wth (cm)	42	47
Tyr Dist Ctr(cm)	1620	1750
Tire Wt (lbs):	1620	1750
Road PSI:	12	12
Field PSI:		
Arrival PSI	25	22

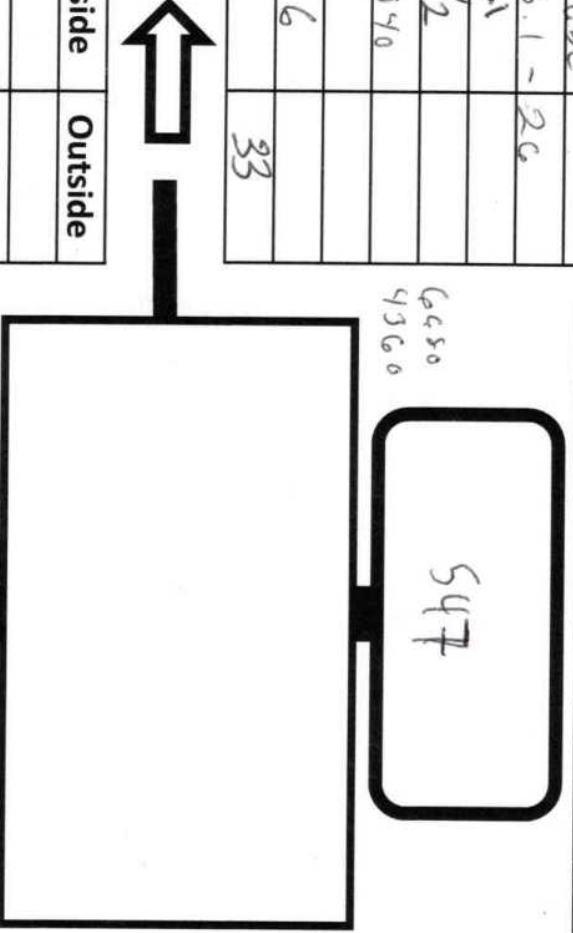
CTIS: Yes / No?

Row Crop Tractor - Wheeled

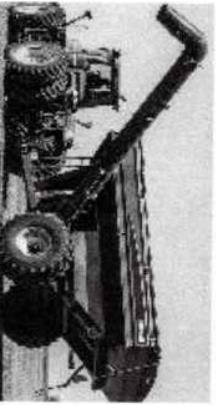
Exh#:	S16	ExhNote:		Field/Road psi, Lft/Rgt tires, Hwy/Lgt wt
ExhName:		OwnerName:		Phone#:
EquipType:		Make:		Model:

INFO	Inside	Outside
Tire/Trk Make:	Galaxy	
Tire Model:		
Tire Type:	Tube	
Tire Size:	23.1-26	
Trd Wth (cm)	61	
Tyr Dist Ctr(cm)	30 1/2	
Tire Wt (lbs):	11040	
Road PSI:		
Field PSI:	36	
Arrival PSI		33

Axle Distance (cm)							
1	2	3	4	5	6	7	8
0							



INFO	Inside	Outside
Tire/Trk Make:		
Tire Model:		
Tire Type:		
Tire Size:		
Trd Wth (cm)		
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	14,000	
Road PSI:		
Field PSI:	36	
Arrival PSI	36	28



Grain Buggy - Wheeled

Empty or Loaded?

CTIS: Yes / No?

Max pressure
for this tire
is 9100 lbs
Put a ~~UF 250165~~
UF 660170 R26 tire
on and run 22 psi

Exh#:	S16A	ExhNote:	S16B	Field/Road psi, Lft/Rgt tires, Hvy/Lgt wt
ExhName:		OwnerName:	Elgie	Phone#:
EquipType:	Tractor + Grain Buggy		Make:	JD
			Model:	JD 6410

INFO	Inside	Outside
Tire/Trk Make:	Petlas	
Tire Model:	TA110	
Tire Type:	Radial	
Tire Size:	340/85R28	
Trd Wth (cm)	33	
Tyr Dist Ctr(cm)	82	
Tire Wt (lbs):	1580	
Road PSI:	12	
Field PSI:		
Arrival PSI	31	

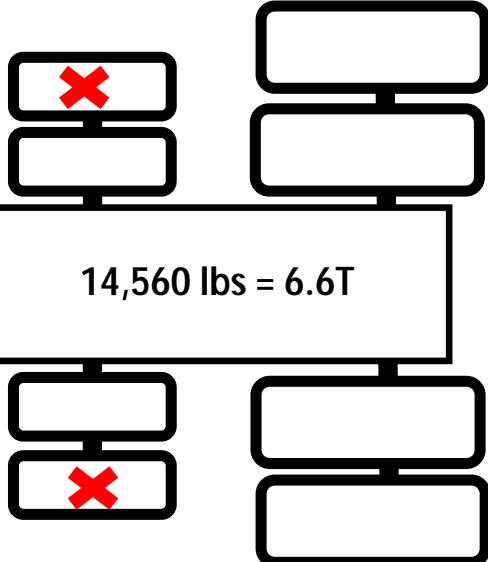
Axle Distance (cm)							
1	2	3	4	5	6	7	8
0	245	680					

INFO	Inside	Outside
Tire/Trk Make:	Continental	Goodyear
Tire Model:	Tractor85	UltraTorque
Tire Type:	Radial	Radial
Tire Size:	460/85R38	480/80R38
Trd Wth (cm)	42	47
Tyr Dist Ctr(cm)	76	143.5
Tire Wt (lbs):	3980	1720
Road PSI:	12	12
Field PSI:		
Arrival PSI	24	22



14,560 lbs = 6.6T

INFO	Inside	Outside
Tire/Trk Make:	Petlas	
Tire Model:	TA110	
Tire Type:	Radial	
Tire Size:	340/85R28	
Trd Wth (cm)	33	
Tyr Dist Ctr(cm)	82	
Tire Wt (lbs):	1620	
Road PSI:	12	
Field PSI:		
Arrival PSI	24	



INFO	Inside	Outside
Tire/Trk Make:	Continental	Goodyear
Tire Model:	Tractor85	UltraTorque
Tire Type:	Radial	Radial
Tire Size:	460/85R38	480/80R38
Trd Wth (cm)	42	47
Tyr Dist Ctr(cm)	76	143.5
Tire Wt (lbs):	3880	1780
Road PSI:	12	12
Field PSI:		
Arrival PSI	25	22

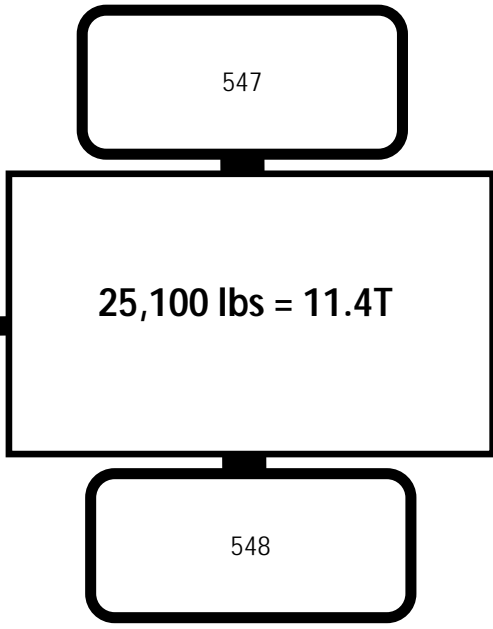
Row Crop Tractor - Wheeled

CTIS: Yes / No?

Exh#:	S16B	ExhNote:		Field/Road psi, Lft/Rgt tires, Hvy/Lgt wt
ExhName:		OwnerName:		Phone#:
EquipType:	Grain Buggy		Make:	M&W
			Model:	450

INFO	Inside	Outside
Tire/Trk Make:	Galaxy	
Tire Model:	Tubed	
Tire Type:	Bias	
Tire Size:	23.1-26	
Trd Wth (cm)	61	
Tyr Dist Ctr(cm)	151	
Tire Wt (lbs):	11040	
Road PSI:		
Field PSI:	36	
Arrival PSI	33	

Axle Distance (cm)							
1	2	3	4	5	6	7	8
0	245	680					



Tires Overloaded:
 Max load for this tire is 9,100lbs at 36 psi.
 Replace with a VF620/70R26 tire at 22psi or larger tire.

INFO	Inside	Outside
Tire/Trk Make:		
Tire Model:		
Tire Type:		
Tire Size:		
Trd Wth (cm)		
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	14060	
Road PSI:		
Field PSI:	36	
Arrival PSI	28	



Grain Buggy - Wheeled

Empty or Loaded?

CTIS: Yes/No? No

S17 - JD 8RX-410 Tracked RC Tractor + J/M X1112 Tracked Grain Buggy

Compaction Event Report: St. Clair (S17)

S17

JD 8RX-410 Tracked RC Tractor + J&M X1112 Tracked Grain Buggy



Aug 5,6,7, 2025
Rutherford, Ontario







S17_FieldHighPressure
Tire Layout - Overhead View



Left Side

Right Side

Axis #: 1, Total Weight: 19740 lbs
Axis #: 2, Total Weight: 29990 lbs
Axis #: 3, Total Weight: 30440 lbs
Total Weight: 139180 lbs

nan
Calmco
1500/570/1



nan
Calmco
1500/570/1



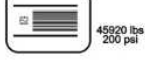
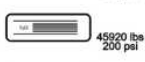
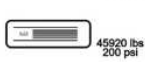
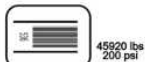
nan
Calmco
1800/570/1



nan
Calmco
1800/570/1

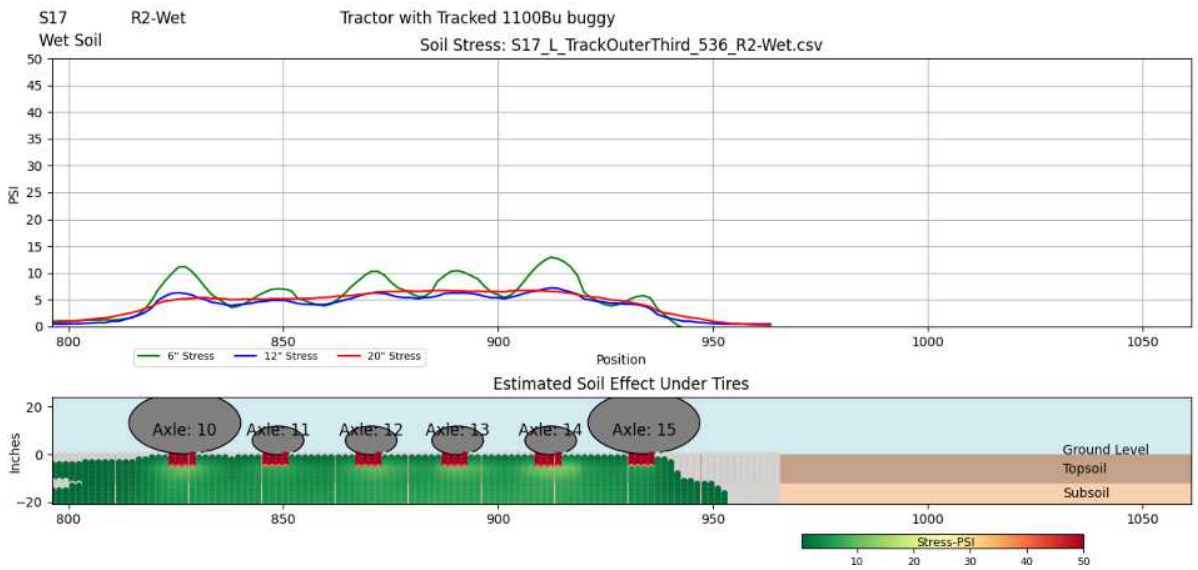
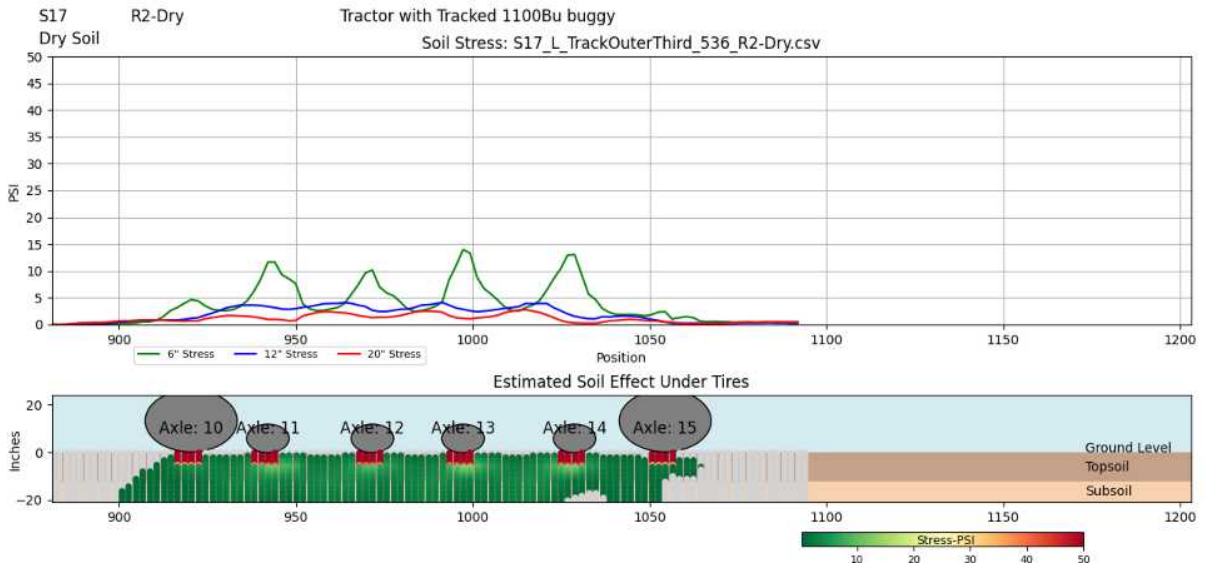


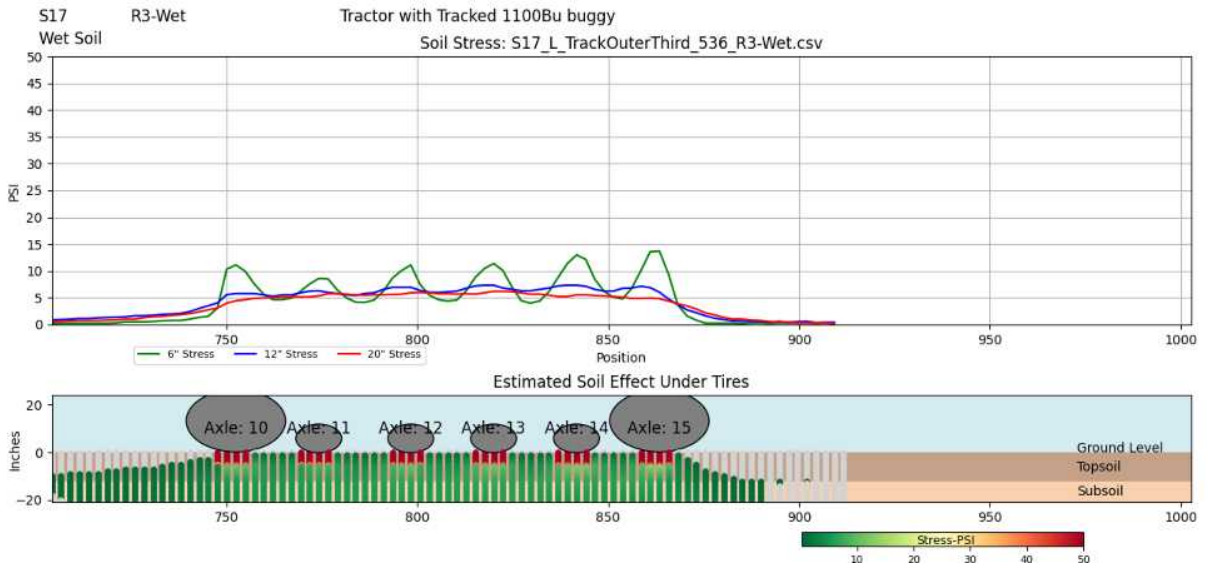
nan
Trackman
3000/670/1

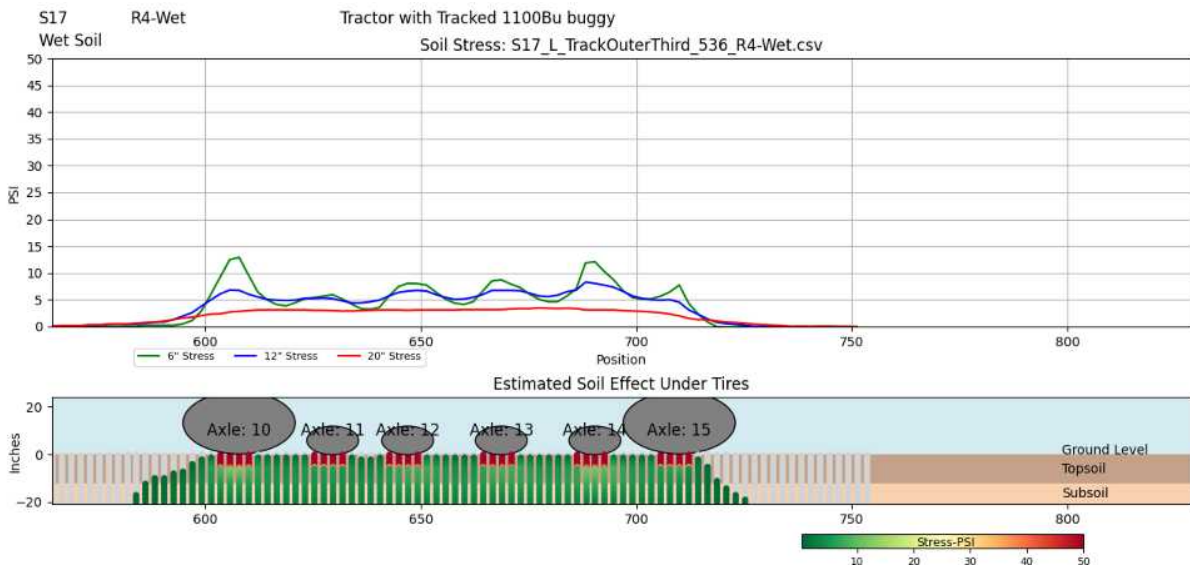
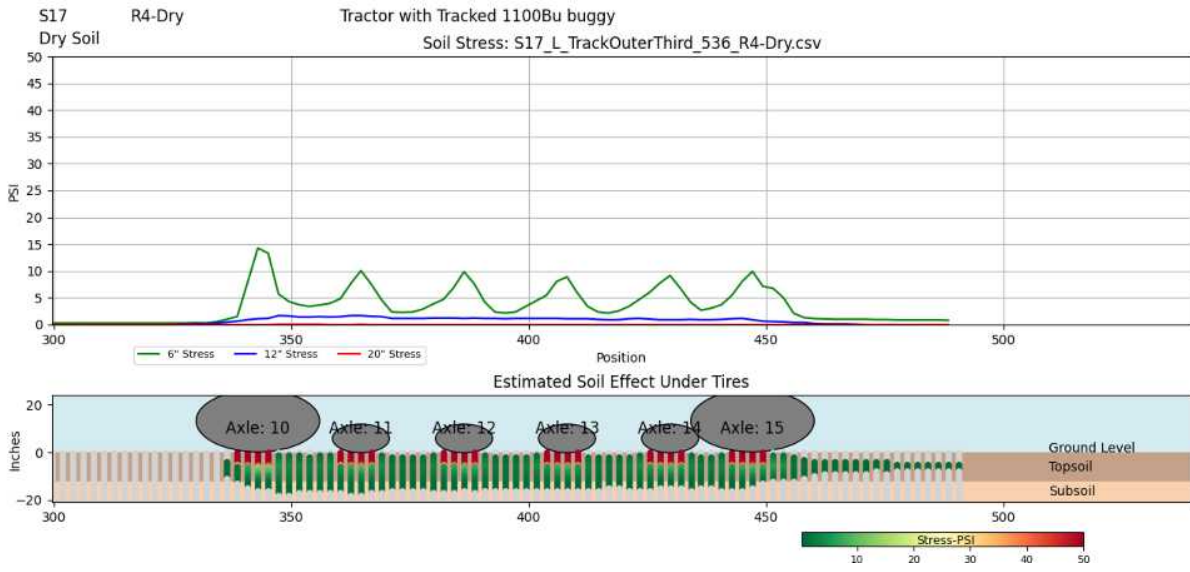


nan
Trackman
3000/670/1





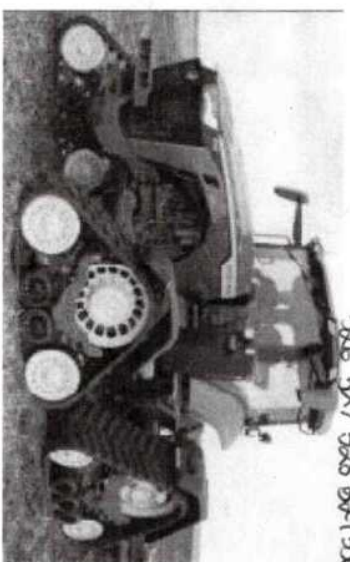
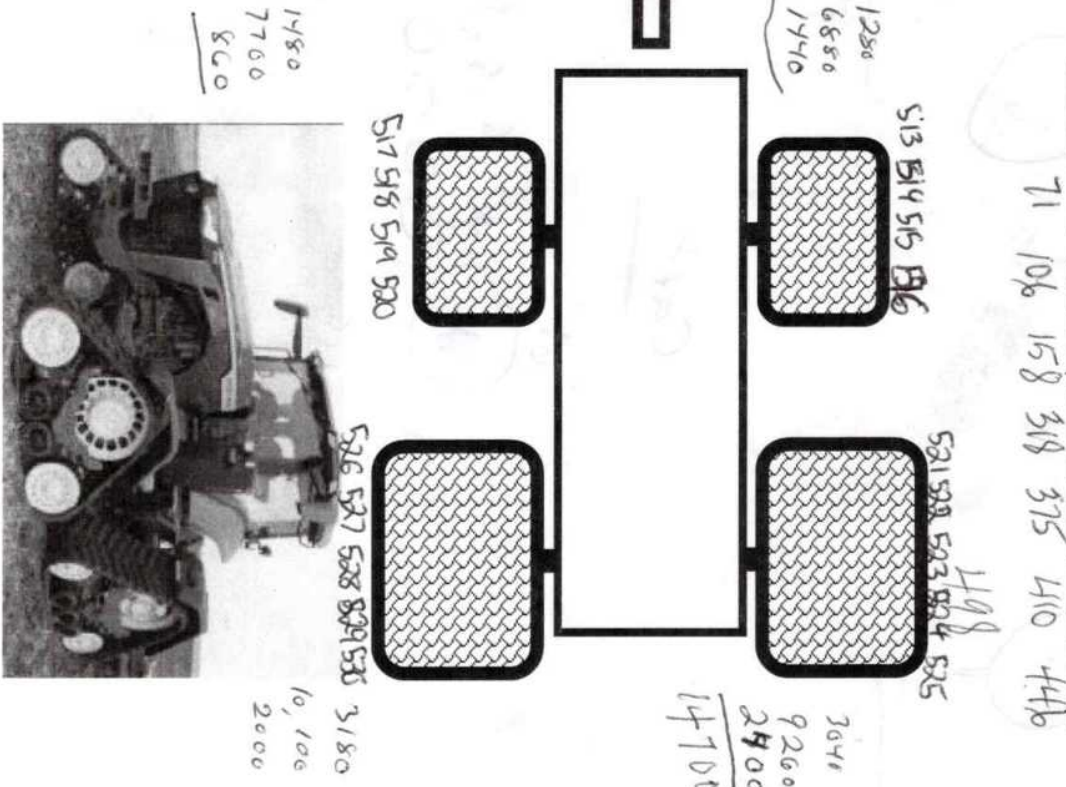




Exh#:	S17	ExhNote:		Field/Road psi, Lft/Rgt tires, HVY/Lgt wt
ExhName:		OwnerName:	Podolinsky	Phone#:
EquipType:	Row Crop Tractor + Grain Digger	Make:	JD + JH	Model:
				JD 410 8RX X-Hnd Brck

INFO	Track
Tire/Trk Make:	Cansa
Tire Model:	4/500
Tire Type:	
Tire Size:	
Trk Lght (cm)	
Trd Wth (cm)	41cm
Tyr Dist Ctr(cm)	315 + 2 (158)
TireWt (lbs):	9700
Road PSI:	NA
Field PSI:	NA
Arrival PSI	NA

Axle Distance (cm)	
1	2
2	3
3	4
4	5
5	6
6	7
7	8
0	71
	106
	158
	318
	375
	410
	440



INFO	Track
Tire/Trk Make:	Cansa
Tire Model:	4/500
Tire Type:	
Tire Size:	24C A05573
Trk Lght (cm)	56cm
Trd Wth (cm)	
Tyr Dist Ctr(cm)	330 + 2 (160)
TireWt (lbs):	
Road PSI:	NA
Field PSI:	NA
Arrival PSI	NA

INFO	Track
Tire/Trk Make:	
Tire Model:	
Tire Type:	
Tire Size:	
Trk Lght (cm)	
Trd Wth (cm)	
Tyr Dist Ctr(cm)	
TireWt (lbs):	15280
Road PSI:	NA
Field PSI:	NA
Arrival PSI	NA

CTIS: Yes / No? No

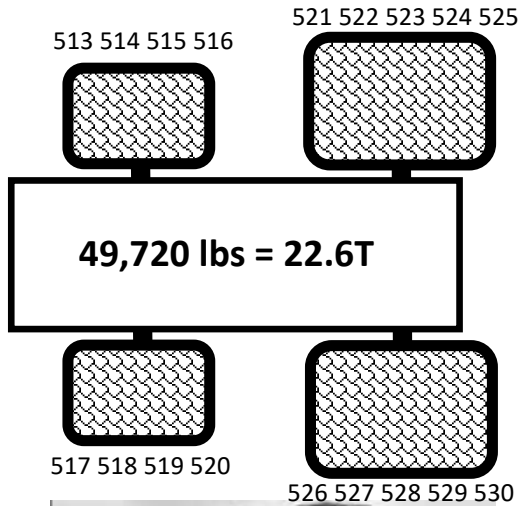
Exh#:	S17A	ExhNote:	S17B	Field/Road psi, Lft/Rgt tires, Hvy/Lgt wt
ExhName:		OwnerName:	Podolinsky	Phone#:
EquipType:	Tracked Row Crop Tractor		Make:	JD
			Model:	JD410 8RX

INFO	Track
Tire/Trk Make:	Camso
Tire Model:	4500
Tire Type:	
Tire Size:	
Trk Lght (cm)	213
Trd Wth (cm)	41
Tyr Dist Ctr(cm)	157.5
TireWt (lbs):	9700
Road PSI:	NA
Field PSI:	NA
Arrival PSI	NA

Axle Distance (cm)							
1	2	3	4	5	6	7	8
0	71	106	158	318	375	410	446

INFO	Track
Tire/Trk Make:	Camso
Tire Model:	4500
Tire Type:	24CA03573
Tire Size:	
Trk Lght (cm)	213
Trd Wth (cm)	56
Tyr Dist Ctr(cm)	160
TireWt (lbs):	14700
Road PSI:	NA
Field PSI:	NA
Arrival PSI	NA

INFO	Track
Tire/Trk Make:	
Tire Model:	
Tire Type:	
Tire Size:	
Trk Lght (cm)	
Trd Wth (cm)	
Tyr Dist Ctr(cm)	
TireWt (lbs):	10040
Road PSI:	NA
Field PSI:	NA
Arrival PSI	NA



INFO	Track
Tire/Trk Make:	
Tire Model:	
Tire Type:	
Tire Size:	
Trk Lght (cm)	
Trd Wth (cm)	
Tyr Dist Ctr(cm)	
TireWt (lbs):	15280
Road PSI:	NA
Field PSI:	NA
Arrival PSI	NA

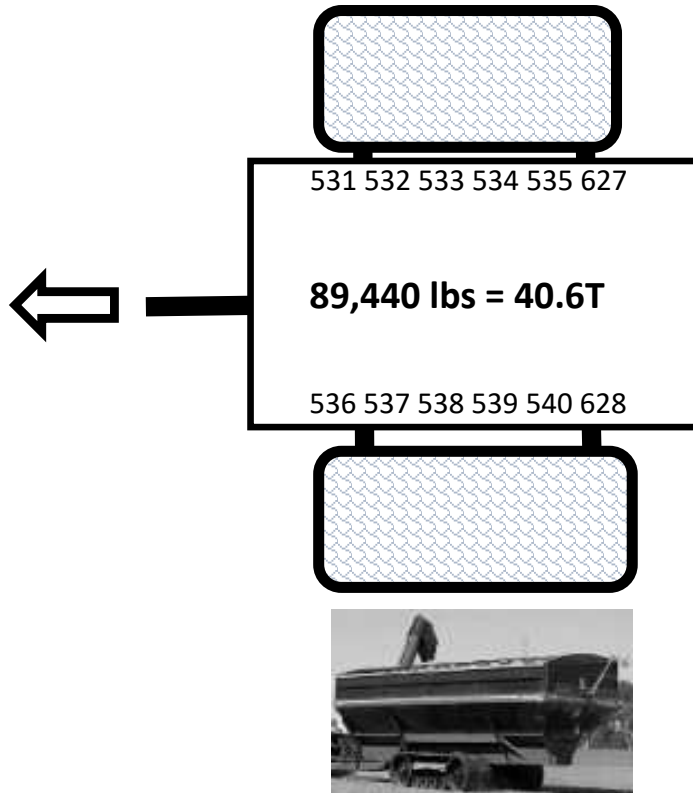
Row Crop Tractor - Tracked

CTIS: Yes No?

Exh#:	S17B	ExhNote:	S17A	Field/Road psi, Lft/Rgt tires, Hvy/Lgt wt
ExhName:		OwnerName:	Podolinsky	Phone#:
EquipType:	Tracked Grain Buggy		Make:	J&M
			Model:	J&M X1112 XTEND

INFO	Track
Tire/Trk Make:	Trackman
Tire Model:	
Tire Type:	
Tire Size:	
Trk Lght (cm)	226
Trd Wth (cm)	89
Tyr Dist Ctr(cm)	134.5
TireWt (lbs):	43520
Road PSI:	NA
Field PSI:	NA
Arrival PSI	NA

Axle Distance (cm)							
1	2	3	4	5	6	7	8
0	1015	1070	1138				



INFO	Track
Tire/Trk Make:	
Tire Model:	
Tire Type:	
Tire Size:	
Trk Lght (cm)	
Trd Wth (cm)	
Tyr Dist Ctr(cm)	
TireWt (lbs):	45920
Road PSI:	NA
Field PSI:	NA
Arrival PSI	NA



Grain Buggy - Tracked

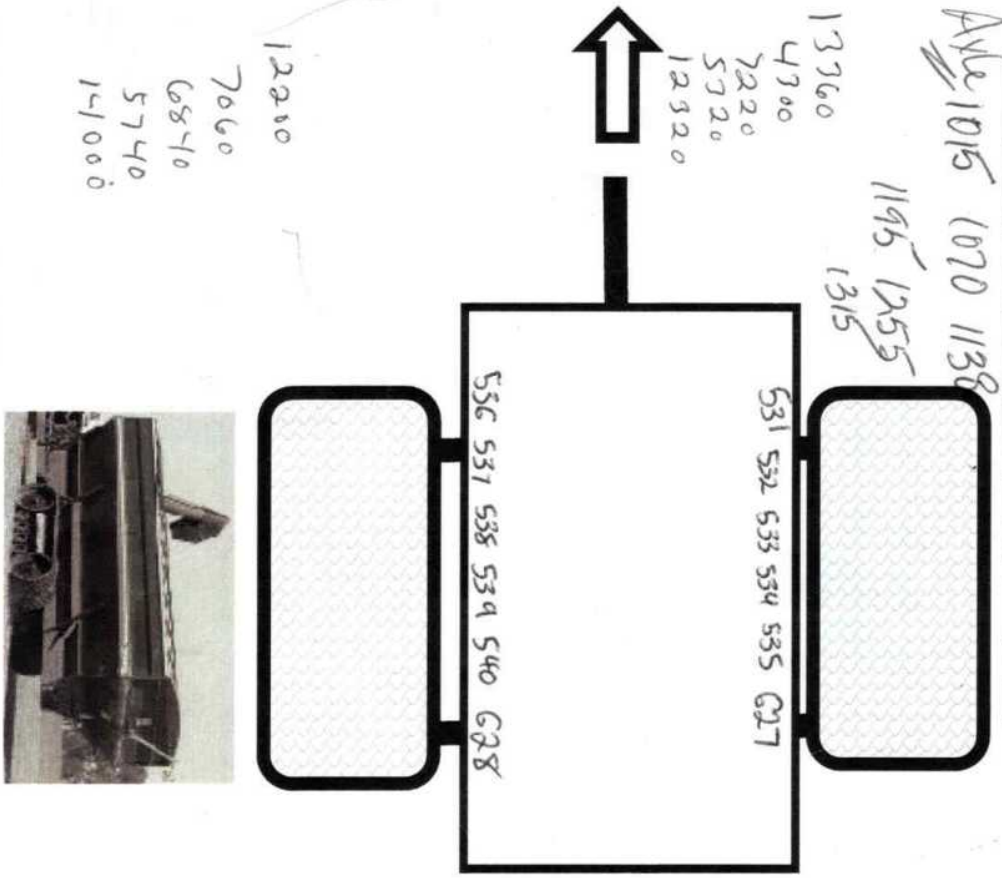
Empty or Loaded?

CTIS: Yes No?

Exh#:	S17B	ExhNote:		Field/Road psi, Lft/Rgt tires, Hvy/Lgt wt
ExhName:		OwnerName:	Podalisky	Phone#:
EquipType:	Road Coop Tractor + Grain Paddy	Make:	JTM	Model:
				X1112 Xtend

INFO	Track
Tire/Trk Make:	Trackman
Tire Model:	
Tire Type:	
Tire Size:	
Trk Lght (cm)	
Trd Wth (cm)	89 cm
Tyr Dist Ctr(cm)	209 - 241 cm
TireWt (lbs):	43520
Road PSI:	NA
Field PSI:	NA
Arrival PSI	NA

Axle Distance (cm)							
91	102	113	124	135	146	157	168
0							



Grain Buggy - Tracked	Empty or Loaded?	CTIS: Yes / No?
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S18 - JD 8R-410 RC Tractor + JM 1000 Singled Wheeled Grain Buggy

Compaction Event Report: St. Clair (S18)

S18

JD 8R-410 RC Tractor + J&M 1000 Singled Wheeled Grain Buggy



Aug 5,6,7, 2025
Rutherford, Ontario







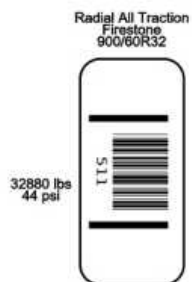
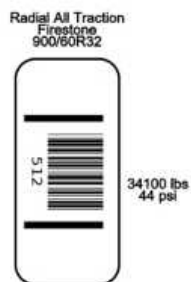
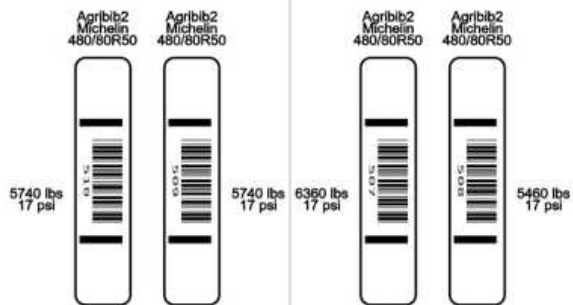
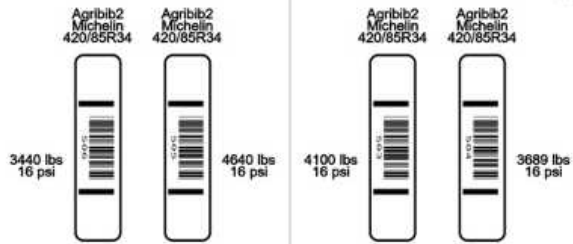
S18_FieldHighPressure
Tire Layout - Overhead View

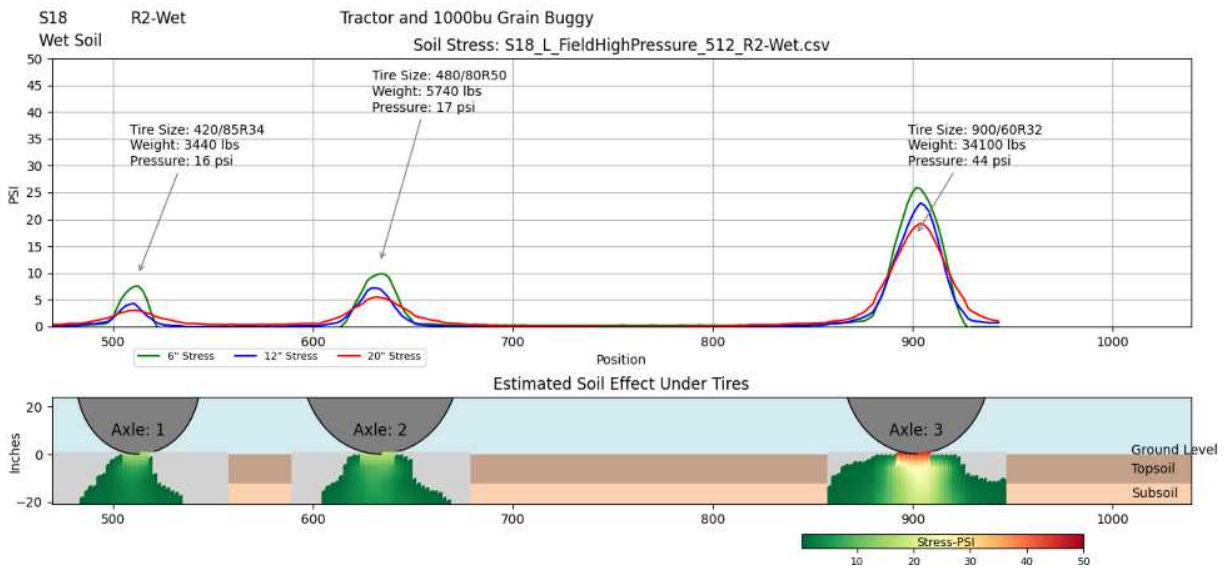
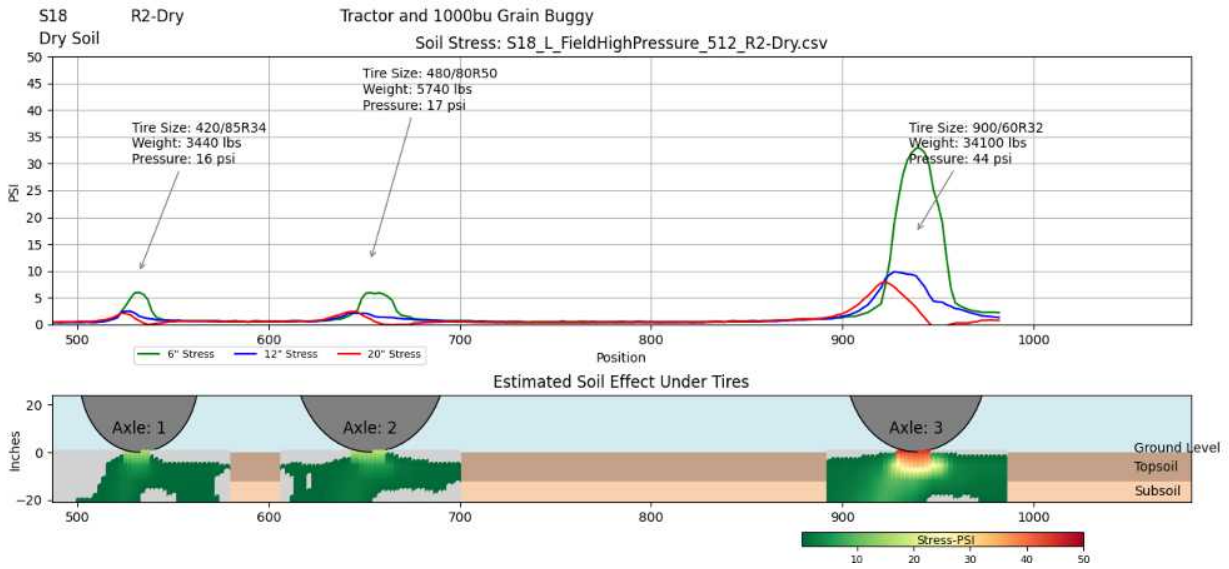


Left Side

Right Side

Axle #: 1, Total Weight: 15869 lbs
Axle #: 2, Total Weight: 23300 lbs
Axle #: 3, Total Weight: 66980 lbs
Total Weight: 106149 lbs





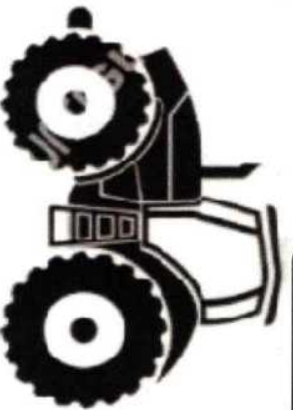
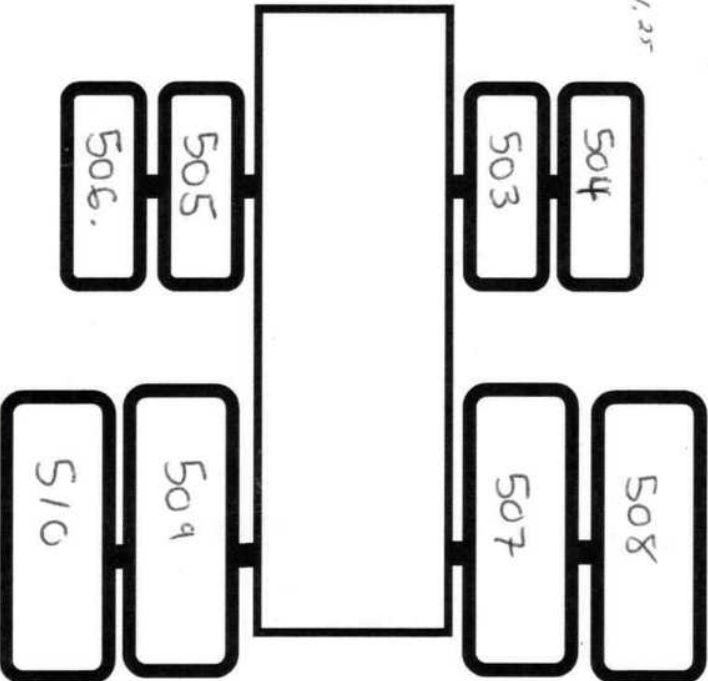
Exh#:	S18A	ExhNote:		Field/Road psi, Lft/Rgt tires, rvy/Lgt wt
ExhName:		OwnerName:	Podalinsky	Phone#:
EquipType:	SD Row Crop Tractor + Grain	Make:	SD + 5FH	Model:
				SD410 5 + M1000

Buggy							
Axle Distance (cm)							
1	2	3	4	5	6	7	8
0	307	988					

INFO	Inside	Outside
Tire/Trk Make:	Michelin	
Tire Model:	Agribib 2	
Tire Type:		
Tire Size:	420/85R34	
Trd Wth (cm)	38	38
Tyr Dist Ctr(cm)	105/2 = 82.5	308.5/2 = 154.25
Tire Wt (lbs):	4100 4300 4980	3650 3350
Road PSI:	16	16
Field PSI:	9	9
Arrival PSI	35	34



INFO	Inside	Outside
Tire/Trk Make:	Michelin	
Tire Model:	Agribib 2	
Tire Type:		
Tire Size:	420/85R34	
Trd Wth (cm)	38	38
Tyr Dist Ctr(cm)	82.5	154.25
Tire Wt (lbs):	4100 4300 4980	3440
Road PSI:	16	16
Field PSI:	9	9
Arrival PSI	33	33



INFO	Inside	Outside
Tire/Trk Make:	Michelin	
Tire Model:	Agribib 2	
Tire Type:		
Tire Size:	460/80R50	
Trd Wth (cm)	46	46
Tyr Dist Ctr(cm)	79	150.5
Tire Wt (lbs):	6300 4600	5400
Road PSI:	17	17
Field PSI:	9	9
Arrival PSI	35	33

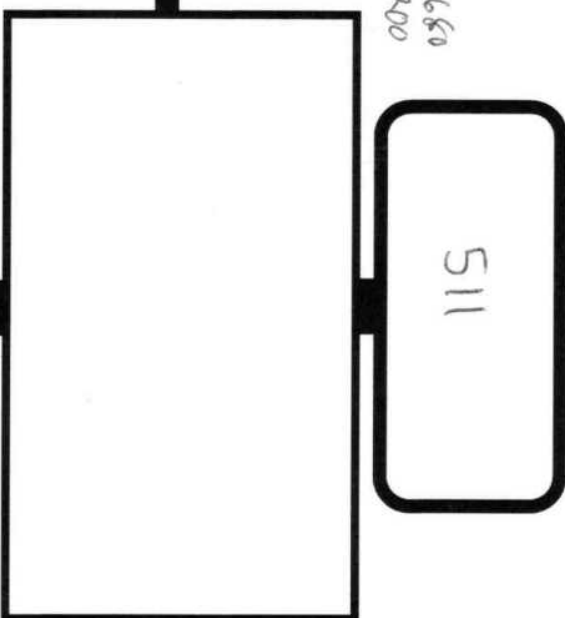
INFO	Inside	Outside
Tire/Trk Make:	Michelin	
Tire Model:	Agribib 2	
Tire Type:		
Tire Size:	480/80R50	
Trd Wth (cm)	46	46
Tyr Dist Ctr(cm)	158/2 = 79	301
Tire Wt (lbs):	5740	5740
Road PSI:	17	17
Field PSI:	9	9
Arrival PSI	34	31

CTIS: Yes / No?

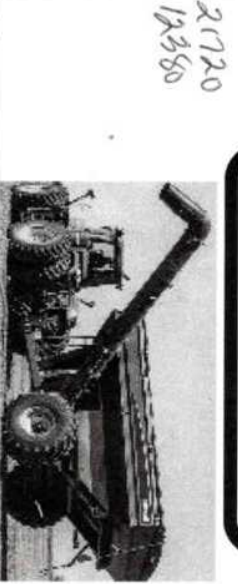
Exh#:	518B	ExhNote:		Field/Road psi, Lft/Rgt tires, Hwy/Lgt wt
ExhName:		OwnerName:	Pedellinsky	Phone#:
EquipType:	Grain Buggy + JD Row Crop Tractor	Make:	J+H	Model:
				J+H 1000

INFO	Inside	Outside
Tire/Trk Make:	Fischer	
Tire Model:		
Tire Type:		
Tire Size:	900/60R33	
Trd Wth (cm)	85	
Tyr Dist Ctr(cm)	153.5	
Tire Wt (lbs):	32880	
Road PSI:	44 psi	
Field PSI:	44 psi	
Arrival PSI	33	

Axle Distance (cm)							
1	2	3	4	5	6	7	8
0	307	988					



INFO	Inside	Outside
Tire/Trk Make:	Fischer	
Tire Model:		
Tire Type:		
Tire Size:	900/60R32	
Trd Wth (cm)	85	
Tyr Dist Ctr(cm)	307/2 = 153.5	
Tire Wt (lbs):	34100	
Road PSI:	44 psi	
Field PSI:	44 psi	
Arrival PSI	30	



Over loaded
 Put off 900/60R33
 and run 39psi
 or put a larger
 tire on wheel on

Grain Buggy - Wheeled

Empty or Loaded?

CTIS: Yes / No?

Exh#:	S18A	ExhNote:	S18B	Field/Road psi, Lft/Rgt tires, Hvy/Lgt wt
ExhName:		OwnerName:	Podolinsky	Phone#:
EquipType:	JD Row Crop Tractor	Make:	JD	Model:
				JD 8R 410

INFO	Inside	Outside
Tire/Trk Make:	Michelin	
Tire Model:	Agribib2	
Tire Type:	Radial	
Tire Size:	420/85R34	
Trd Wth (cm)	38	38
Tyr Dist Ctr(cm)	82.5	154.25
Tire Wt (lbs):	4100	3680
Road PSI:	16	16
Field PSI:	9	9
Arrival PSI	35	34

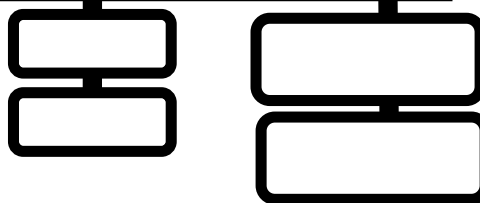
Axle Distance (cm)							
1	2	3	4	5	6	7	8
0	307	988					

INFO	Inside	Outside
Tire/Trk Make:	Michelin	
Tire Model:	Agribib2	
Tire Type:	Radial	
Tire Size:	480/80R50	
Trd Wth (cm)	46	46
Tyr Dist Ctr(cm)	79	150.5
Tire Wt (lbs):	6360	5460
Road PSI:	17	17
Field PSI:	9	9
Arrival PSI	35	33



39,150 lbs = 18.8t

INFO	Inside	Outside
Tire/Trk Make:		
Tire Model:		
Tire Type:		
Tire Size:		
Trd Wth (cm)		
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	4640	3440
Road PSI:	16	16
Field PSI:	9	9
Arrival PSI	33	33



INFO	Inside	Outside
Tire/Trk Make:		
Tire Model:		
Tire Type:		
Tire Size:		
Trd Wth (cm)		
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	5740	5740
Road PSI:	17	17
Field PSI:	9	9
Arrival PSI	34	31

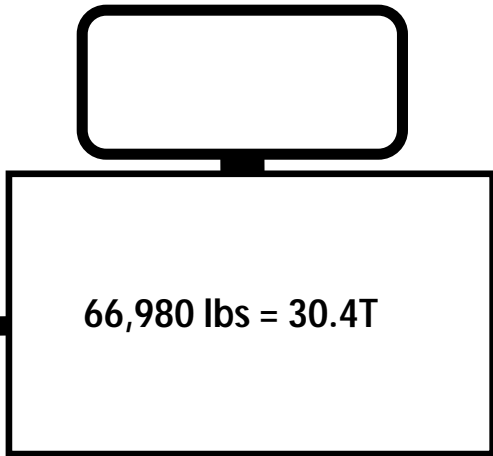
Row Crop Tractor - Wheeled

CTIS: Yes/No?

Exh#:	S18B	ExhNote:	S18A	Field/Road psi, Lft/Rgt tires, Hvy/Lgt wt	
ExhName:		OwnerName:	Podolinsky	Phone#:	
EquipType:	Grain Buggy + JD Row Crop Tractor		Make:	J&M	Model: J&M 1000

INFO	Inside	Outside
Tire/Trk Make:	Firestone	
Tire Model:	All Trac 23	
Tire Type:	Radial	
Tire Size:	900/60R32	
Trd Wth (cm)	85	
Tyr Dist Ctr(cm)	153.5	
Tire Wt (lbs):	32880	
Road PSI:	44	
Field PSI:	44	
Arrival PSI	33	

Axle Distance (cm)							
1	2	3	4	5	6	7	8
0							



Current Tires Overloaded:
 Radial Firestone All
 Traction 23 max load
 10,700lbs/tire @ 35psi

Install VF960/60R32 and
 run 39psi or move to a
 larger tire and wheel to
 reduce infield psi more

INFO	Inside	Outside
Tire/Trk Make:	Firestone	
Tire Model:		
Tire Type:		
Tire Size:		
Trd Wth (cm)		
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	34100	
Road PSI:	44	
Field PSI:	44	
Arrival PSI	30	



Grain Buggy - Wheeled

Empty or Loaded?

CTIS: Yes/ No?

S19 - NH T9.565 AT Dualled Tractor + Brent V1300 Grain Buggy with IF Super Singles

Compaction Event Report: St. Clair (S19)

S19

NH T9.565 AT Dualled Tractor + Brent V1300 Grain Buggy with IF Super Singles

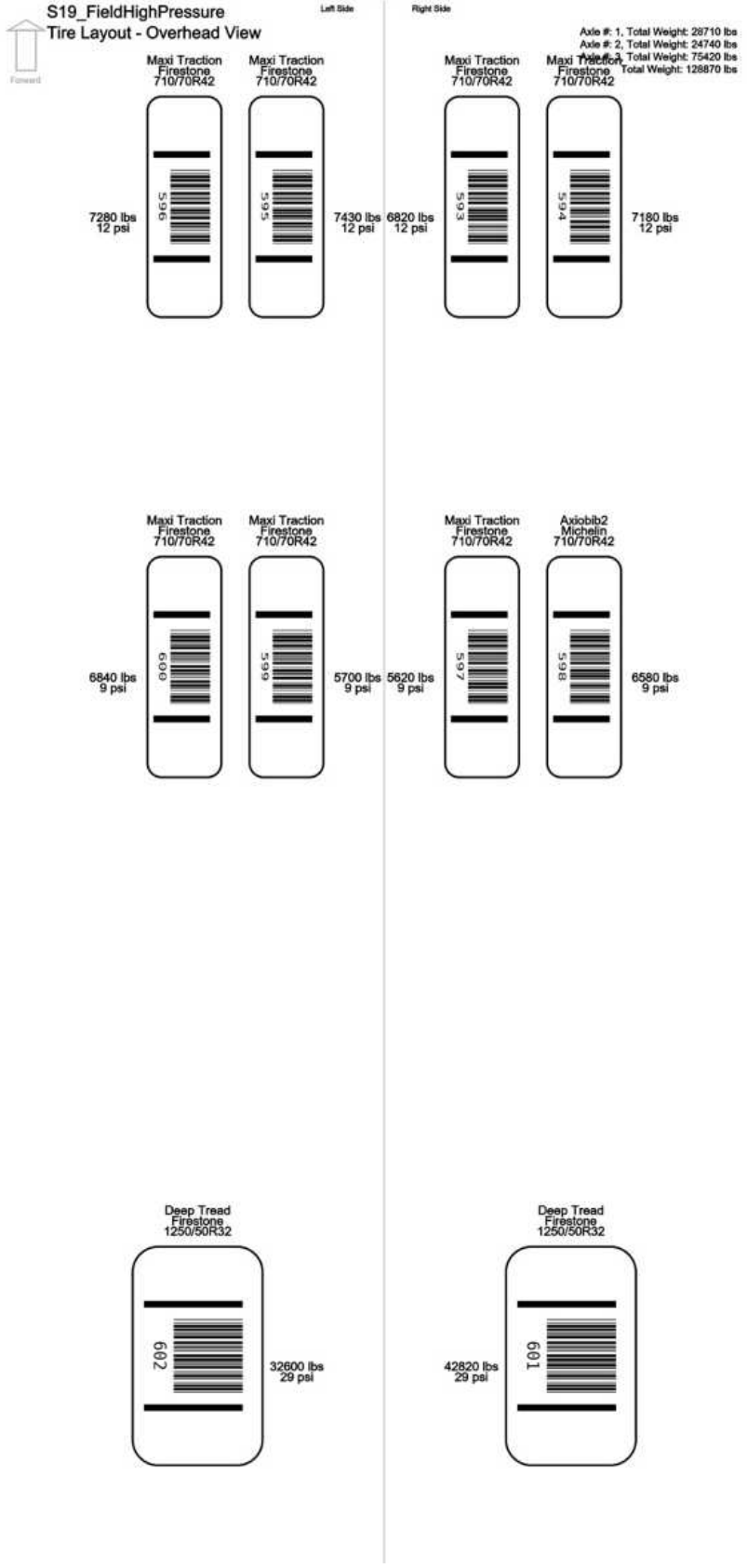


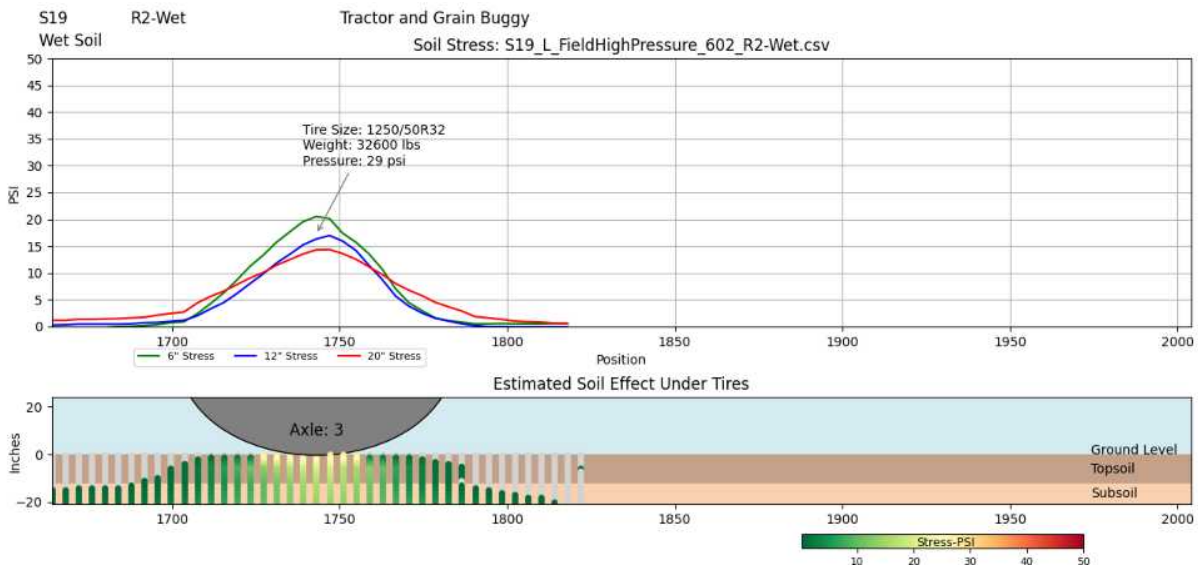
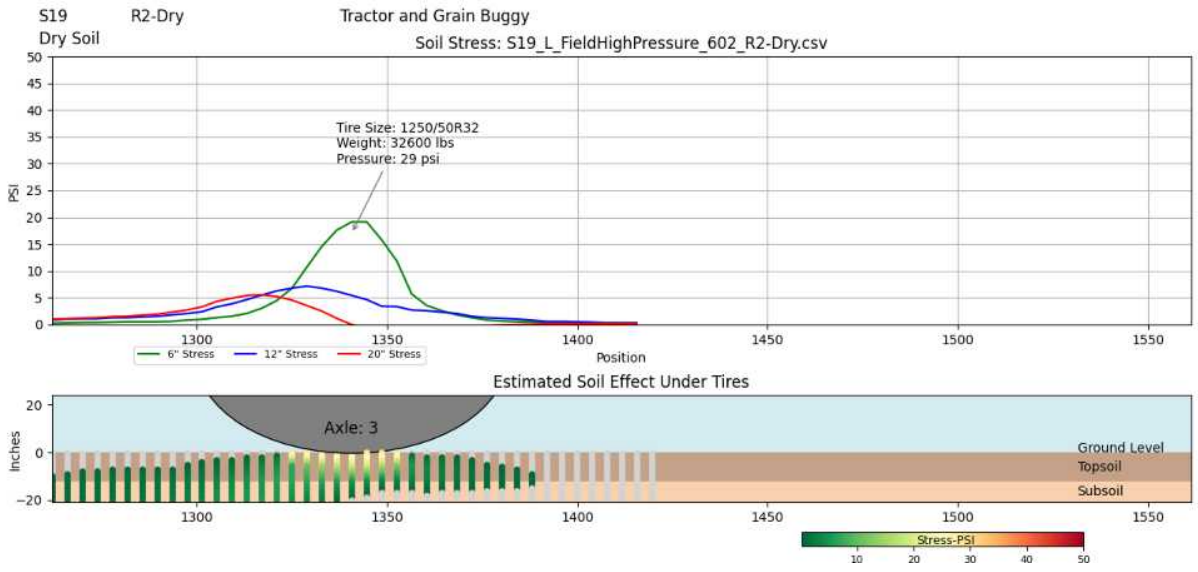
Aug 5,6,7, 2025
Rutherford, Ontario











Exh#: S201 A ExhNote: S19

ExhName: Artichoke Tractor + 1300 Grain OwnerName: Della Paice

EquipType: Artichoke Tractor + 1300 Grain Make: New Holland

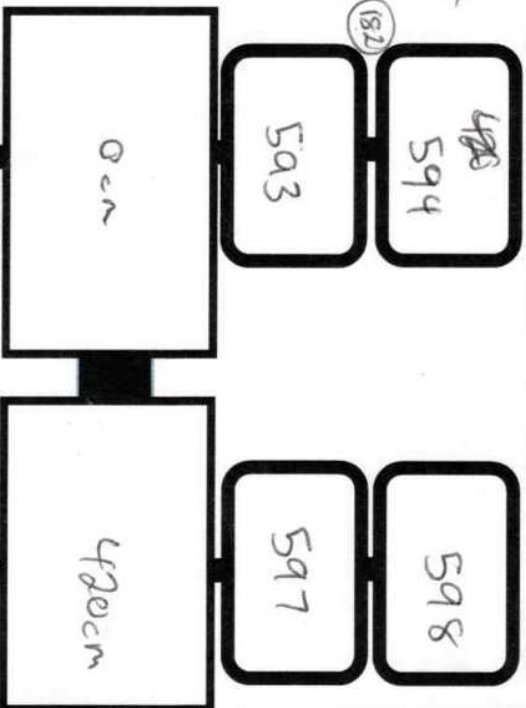
Field/Road psi, Lft/Rgt tires, rwy/Lgt wt

Phone#: 79.565

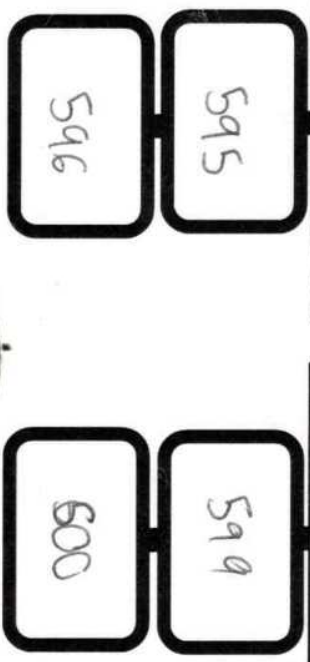
Model: T9.565

INFO	Inside	Outside
Tire/Trk Make:	Firestone	Firestone
Tire Model:	Maxi Tractor	
Tire Type:		
Tire Size:	710/70 R12	710/70 R12
Trd Wth (cm)	69	69
Tyr Dist Ctr(cm)	178±2	359±2
Tire Wt (lbs):	6830	7100
Road PSI:	12	12
Field PSI:	6	6
Arrival PSI	15	17

Axle Distance (cm)							
1	2	3	4	5	6	7	8
0	94	1049					



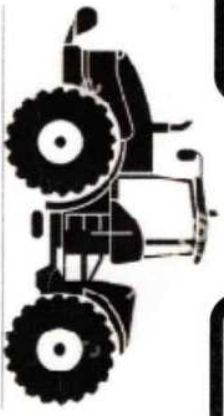
INFO	Inside	Outside
Tire/Trk Make:	Firestone	Firestone
Tire Model:	Maxi Tractor	
Tire Type:		
Tire Size:	710/70 R12	842
Trd Wth (cm)	69	69
Tyr Dist Ctr(cm)	178±2	359±2
Tire Wt (lbs):	7130	7280
Road PSI:	12	12
Field PSI:	6	6
Arrival PSI	16	16



INFO	Inside	Outside
Tire/Trk Make:	Firestone	Michelin
Tire Model:	Maxi Tractor	AX10 B182
Tire Type:		VF
Tire Size:	710/70 R12	710/70 R12
Trd Wth (cm)	69	69
Tyr Dist Ctr(cm)	178±2	359±2
Tire Wt (lbs):	5630	6580
Road PSI:	9	9
Field PSI:	6	6
Arrival PSI	13	17

INFO	Inside	Outside
Tire/Trk Make:	Firestone	Firestone
Tire Model:	Maxi Tractor	Maxi Tractor
Tire Type:		
Tire Size:	710/70 R12	842
Trd Wth (cm)	69	69
Tyr Dist Ctr(cm)	178±2	359±2
Tire Wt (lbs):	5700	6840
Road PSI:	9	9
Field PSI:	6	6
Arrival PSI	13	14

Articulated Tractor - Wheeled



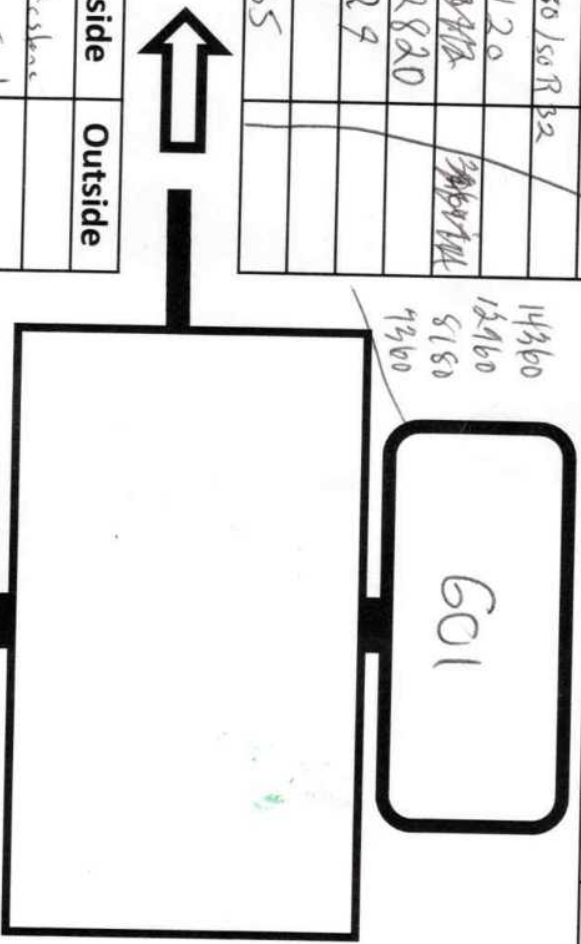
CTIS: Yes / No? No

S19

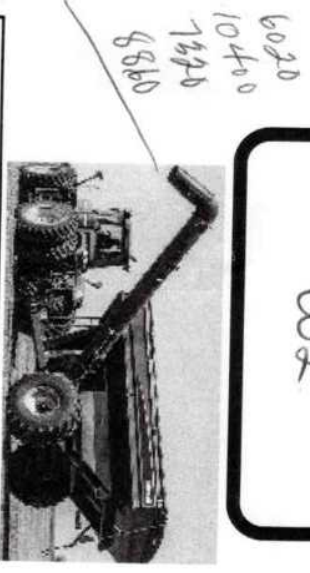
Exh#:	S21B	ExhNote:	
ExhName:	Grain Cart	OwnerName:	Delta Power
EquipType:	Brent V1300 Grain Buggy	Make:	Brent
Field/Road psi, Lft/Rgt tires, hvy/Lgt wt		Model:	V1300
Phone#:			

INFO	Inside	Outside
Tire/Trk Make:	Firestone	
Tire Model:	Deep tread	
Tire Type:	1F	
Tire Size:	1250/50R32	
Trd Wth (cm)	120	
Tyr Dist Ctr(cm)	42820	
Tire Wt (lbs):	42820	
Road PSI:	29	
Field PSI:		
Arrival PSI	35	

Axle Distance (cm)							
1	2	3	4	5	6	7	8
0	83	1060					



INFO	Inside	Outside
Tire/Trk Make:	Firestone	
Tire Model:	Deep Tread	
Tire Type:	1F	
Tire Size:	1250/50	R32
Trd Wth (cm)	120	
Tyr Dist Ctr(cm)	340	
Tire Wt (lbs):	32600	
Road PSI:	29	
Field PSI:		
Arrival PSI	41	



Grain Buggy - Wheeled

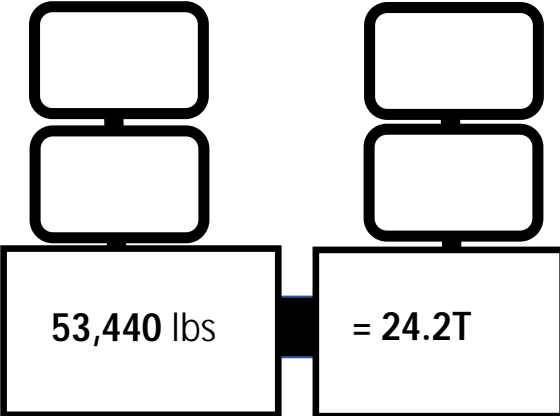
Empty or Loaded?

CTIS: Yes / No?

Exh#:	S19A	ExhNote:	S19B	Field/Road psi, Lft/Rgt tires, Hvy/Lgt wt
ExhName:		OwnerName:	Delta Power	Phone#:
EquipType:	Articulated Wheeled Tractor	Make:	New Holland	Model:
				T9.565

INFO	Inside	Outside
Tire/Trk Make:	Firestone	
Tire Model:	Maxi Tract	
Tire Type:	Radial	
Tire Size:	710/70R42	
Trd Wth (cm)	69	69
Tyr Dist Ctr(cm)	89	182
Tire Wt (lbs):	6820	7180
Road PSI:	12	12
Field PSI:	6	6
Arrival PSI	15	17

Axle Distance (cm)							
1	2	3	4	5	6	7	8
0	83	1060					



INFO	Inside	Outside
Tire/Trk Make:	Firestone	Michelin
Tire Model:	Maxi Tract	AX10 B1B2
Tire Type:	Radial	VF
Tire Size:	710/70R42	710/70R42
Trd Wth (cm)	69	69
Tyr Dist Ctr(cm)	89	179.5
Tire Wt (lbs):	5620	6570
Road PSI:	9	9
Field PSI:	6	6
Arrival PSI	13	17

INFO	Inside	Outside
Tire/Trk Make:	Firestone	
Tire Model:	Maxi Tract	
Tire Type:	Radial	
Tire Size:	710/70R42	
Trd Wth (cm)	69	69
Tyr Dist Ctr(cm)	89	182
Tire Wt (lbs):	7430	7280
Road PSI:	12	12
Field PSI:	6	6
Arrival PSI	16	16

INFO	Inside	Outside
Tire/Trk Make:	Firestone	
Tire Model:	Maxi Traction	
Tire Type:	Radial	
Tire Size:	710/70R42	
Trd Wth (cm)	69	69
Tyr Dist Ctr(cm)	89	179.5
Tire Wt (lbs):	5700	6840
Road PSI:	9	9
Field PSI:	6	6
Arrival PSI	13	14



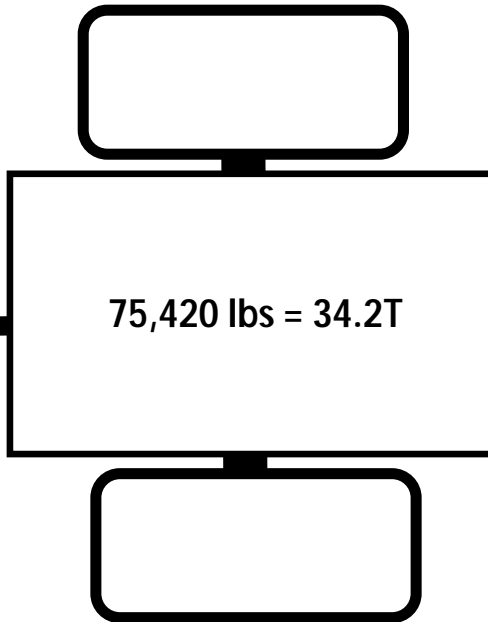
Articulated Tractor - Wheeled

CTIS: Yes / No?

Exh#:	S19B	ExhNote:	S19A	Field/Road psi, Lft/Rgt tires, Hvy/Lgt wt	
ExhName:	Grain Cart		OwnerName:	Delta Power	
EquipType:	Brent V1300 Grain Buggy		Make:	Brent	Model: V1300

INFO	Inside	Outside
Tire/Trk Make:	Firestone	
Tire Model:	Deep Tread	
Tire Type:	IF	
Tire Size:	1250/50R32	
Trd Wth (cm)	120	
Tyr Dist Ctr(cm)	170	
Tire Wt (lbs):	42820	
Road PSI:	29	
Field PSI:		
Arrival PSI	35	

Axle Distance (cm)							
1	2	3	4	5	6	7	8
0	83	1060					



Tires Overloaded:
Firestone Radial Deep
Tread 23 IF1250/50R32
rated for 22,000 lbs @
23psi

This buggy should have
tandem axles with 4
tires.

INFO	Inside	Outside
Tire/Trk Make:	Firestone	
Tire Model:	Deep Tread	
Tire Type:	IF	
Tire Size:	1250/50R32	
Trd Wth (cm)	120	
Tyr Dist Ctr(cm)	170	
Tire Wt (lbs):	32600	
Road PSI:	29	
Field PSI:		
Arrival PSI	41	



Grain Buggy - Wheeled

Empty or Loaded?

CTIS: Yes / No?

S24 - JD 8260R + Hagedorn 5290 Tandem Dry Manure Box Spreader

Compaction Event Report: St. Clair (S24)

S24

JD 8260R + Hagedorn 5290 Tandem Dry Manure Box Spreader



Aug 5,6,7, 2025
Rutherford, Ontario





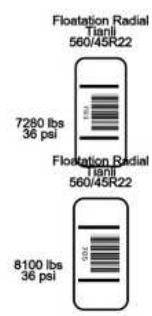
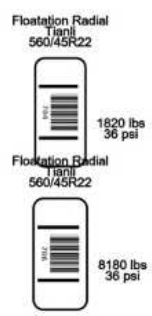
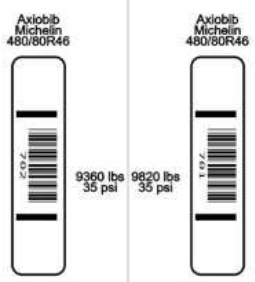
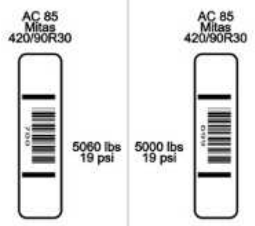


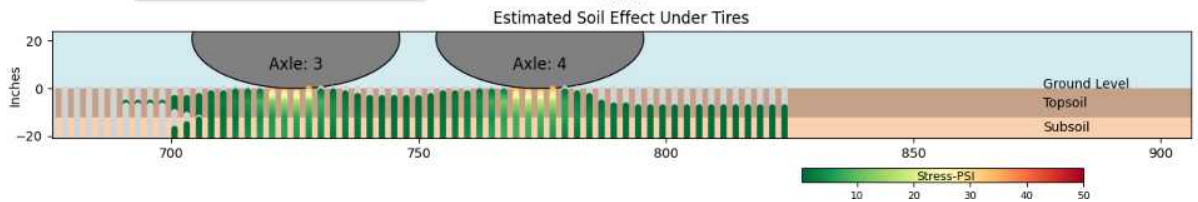
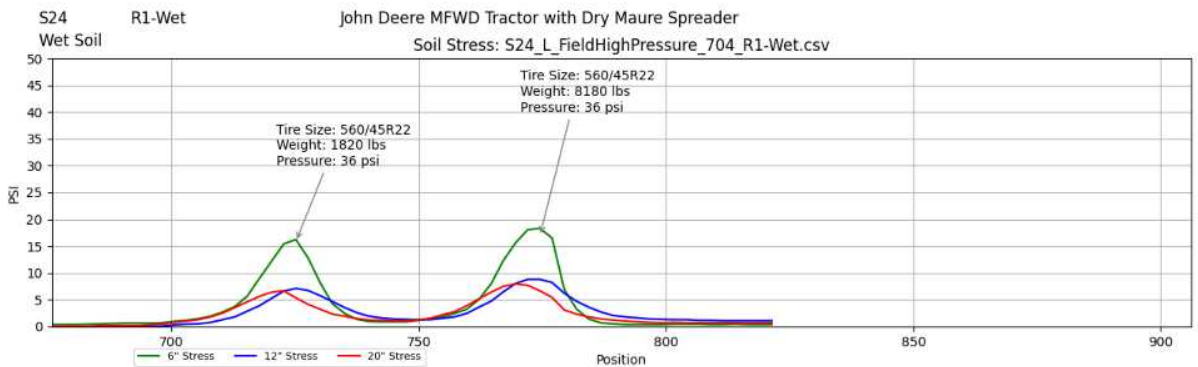
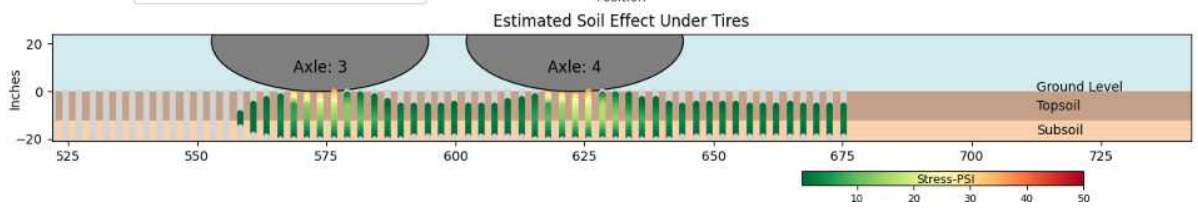
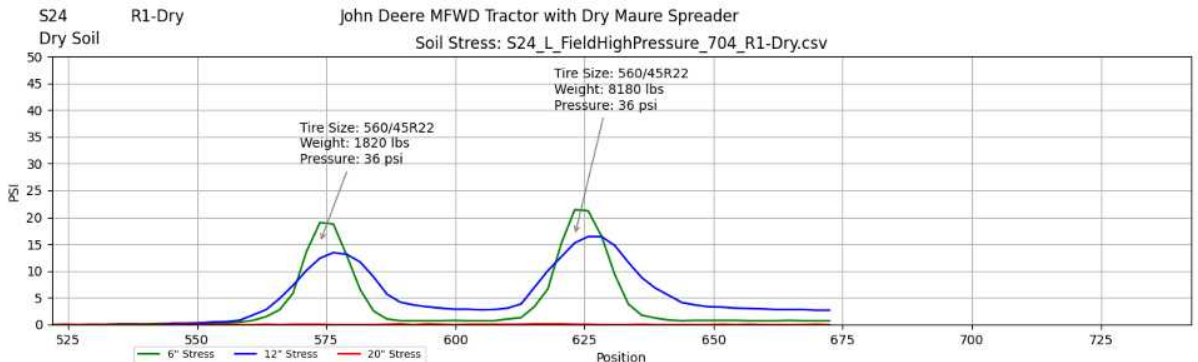
S24_FieldHighPressure
Tire Layout - Overhead View

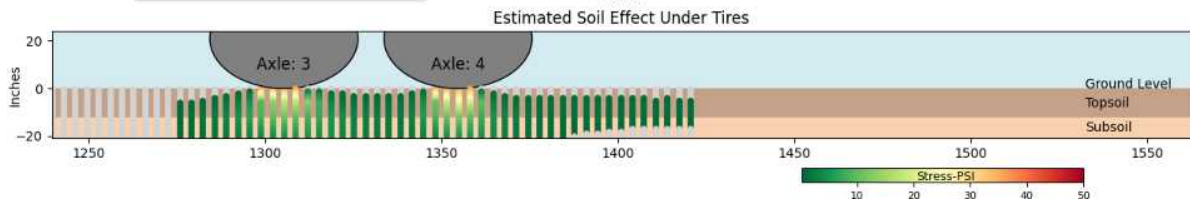
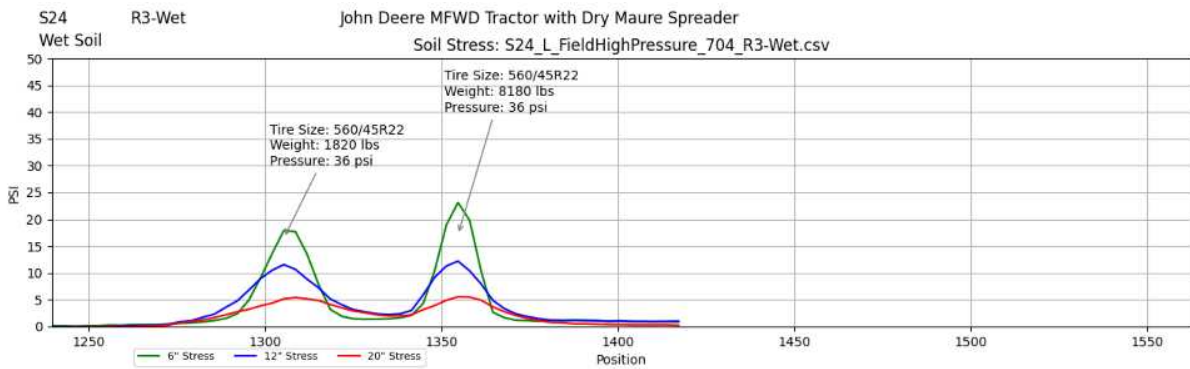
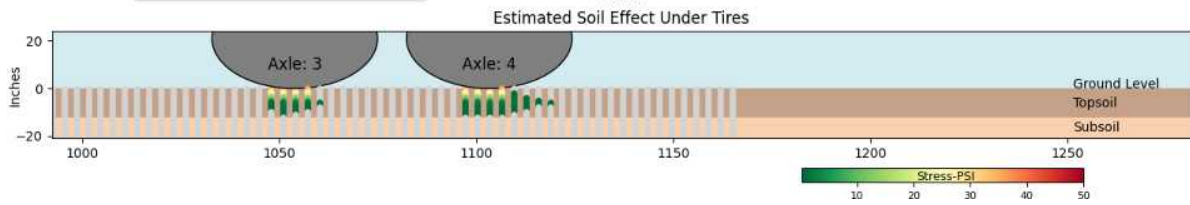
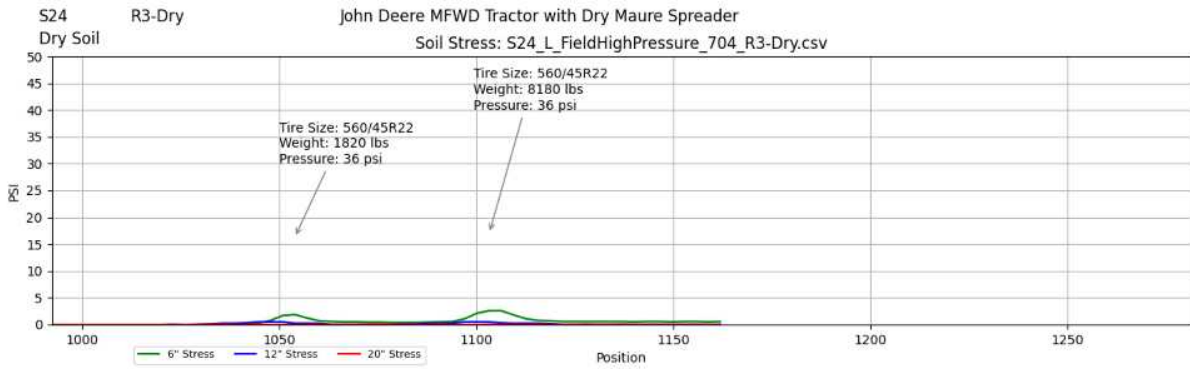


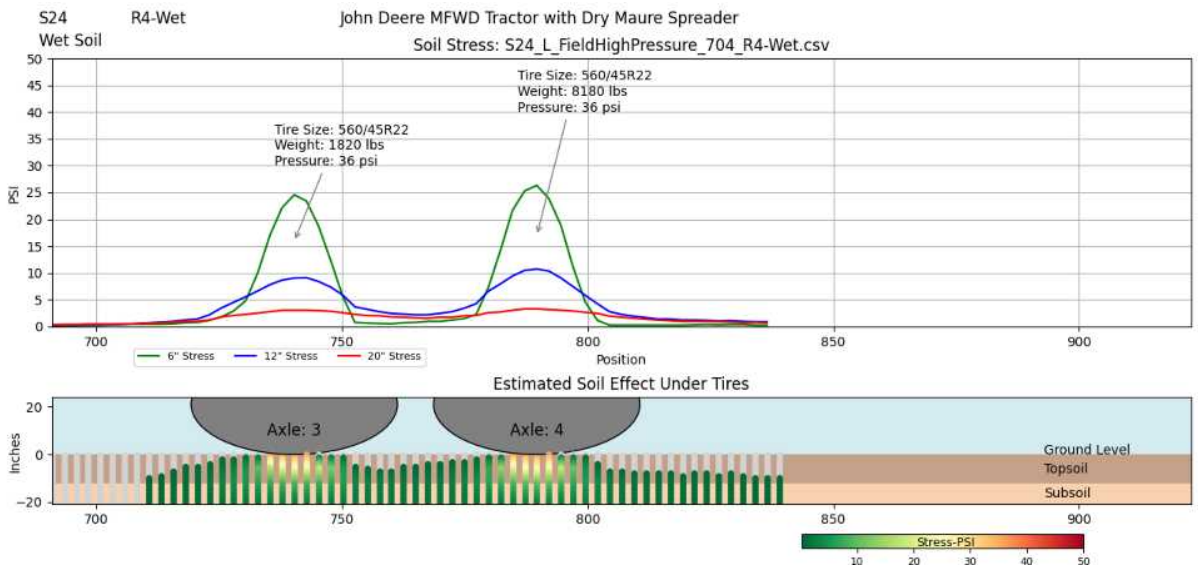
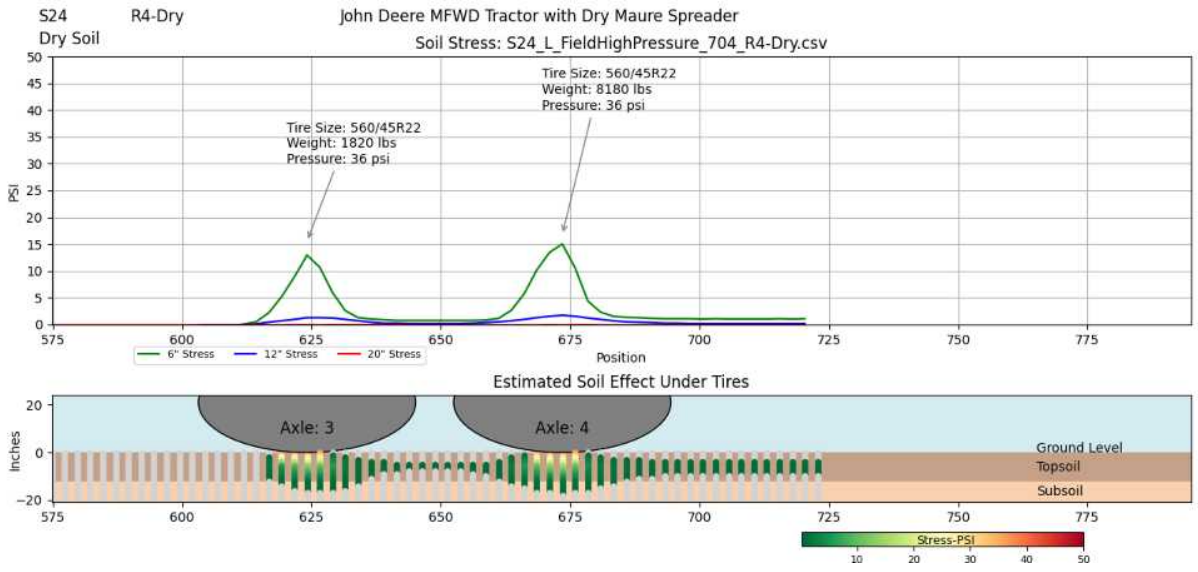
Left Side Right Side

Axle # 1, Total Weight: 10080 lbs
Axle # 2, Total Weight: 19180 lbs
Axle # 3, Total Weight: 9100 lbs
Axle # 4, Total Weight: 16280 lbs
Total Weight: 54620 lbs









Exh#:	S21A	ExhNote:		Field/Road psi, Lft/Rgt tires, rWv/Lgt wt
ExhName:		OwnerName:	Josh Butler	Phone#:
EquipType:	Tractor	Make:	JD	Model:
				8260R

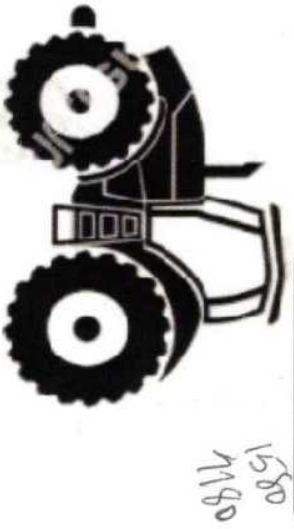
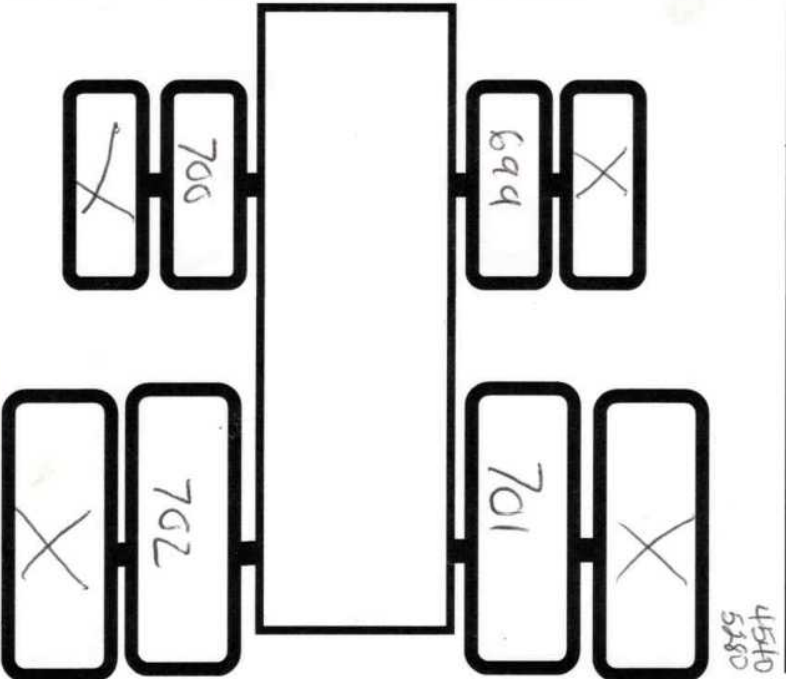
INFO	Inside	Outside
Tire/Trk Make:	Michs	
Tire Model:	AD 85	
Tire Type:		
Tire Size:	420/90	R30
Trd Wth (cm)	39	
Tyr Dist Ctr(cm)	155/2	
Tire Wt (lbs):	5000	
Road PSI:	19	
Field PSI:	11	
Arrival PSI	34	

Axle Distance (cm)								
1	2	3	4	5	6	7	8	
0	314	970	1095					

INFO	Inside	Outside
Tire/Trk Make:	Michelin	
Tire Model:	Agribib	
Tire Type:	Rural	
Tire Size:	480/50R42	
Trd Wth (cm)	45	
Tyr Dist Ctr(cm)	158/2	
Tire Wt (lbs):	9820	
Road PSI:	35	
Field PSI:	20	
Arrival PSI	23	



INFO	Inside	Outside
Tire/Trk Make:	Michs	
Tire Model:		
Tire Type:		
Tire Size:	420/90	R30
Trd Wth (cm)		
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	5060	
Road PSI:	19	
Field PSI:	11	
Arrival PSI	30	



INFO	Inside	Outside
Tire/Trk Make:		
Tire Model:		
Tire Type:		
Tire Size:		
Trd Wth (cm)		
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	9360	
Road PSI:	35	
Field PSI:	20	
Arrival PSI	25	

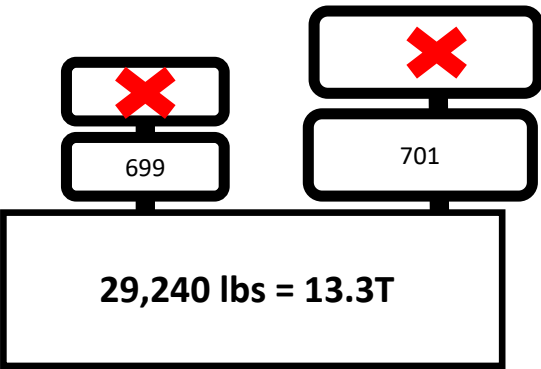
CTIS: Yes / No?

Exh#:	S24A	ExhNote:	S24B	Field/Road psi, Lft/Rgt tires, Hvy/Lgt wt
ExhName:		OwnerName:	Josh Butler	Phone#:
EquipType:	Row Crop Tractor	Make:	JD	Model:
				8260R

INFO	Inside	Outside
Tire/Trk Make:	Mitas	
Tire Model:	AC 85	
Tire Type:	Radial	
Tire Size:	420/90R30	
Trd Wth (cm)	39	
Tyr Dist Ctr(cm)	92.5	
Tire Wt (lbs):	5000	
Road PSI:	19	
Field PSI:	11	
Arrival PSI	34	

Axle Distance (cm)							
1	2	3	4	5	6	7	8
0	314	970	1095				

INFO	Inside	Outside
Tire/Trk Make:	Michelin	
Tire Model:	Agribib	
Tire Type:	Radial	
Tire Size:	480/80R46	
Trd Wth (cm)	45	
Tyr Dist Ctr(cm)	79	
Tire Wt (lbs):	9820	
Road PSI:	35	
Field PSI:	20	
Arrival PSI	23	



INFO	Inside	Outside
Tire/Trk Make:	Mitas	
Tire Model:	AC 85	
Tire Type:	Radial	
Tire Size:	420/90R30	
Trd Wth (cm)	39	
Tyr Dist Ctr(cm)	92.5	
Tire Wt (lbs):	5060	
Road PSI:	19	
Field PSI:	11	
Arrival PSI	36	

INFO	Inside	Outside
Tire/Trk Make:	Michelin	
Tire Model:	Agribib	
Tire Type:	Radial	
Tire Size:	480/80R46	
Trd Wth (cm)	45	
Tyr Dist Ctr(cm)	79	
Tire Wt (lbs):	9360	
Road PSI:	35	
Field PSI:	20	
Arrival PSI	25	

Row Crop Tractor - Wheeled



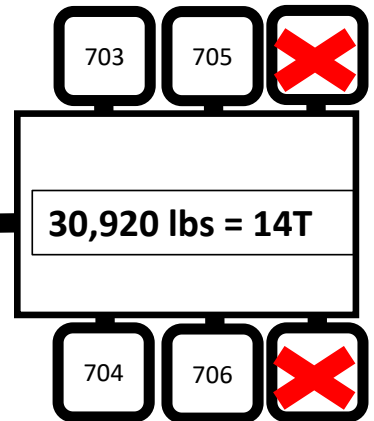
CTIS: Yes / No? No

Exh#:	S24B	ExhNote:	S24A	Field/Road psi, Lft/Rgt tires, Hvy/Lgt wt		
ExhName:			OwnerName:	Josh Butler		Phone#:
EquipType:	Dry Manure Spreader		Make:	Hagedorn	Model:	5290 Extravert

INFO	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5	Axle 6
Tire/Trk Make:	Tianli	Tianli				
Tire Model:	703	705				
Tire Type:	Flotation Radial	Flotation Radial				
Tire Size:	560/45R22.5	560/45R22.5				
Trd Wth (cm)	46	49				
Tyr Dist Ctr(cm)	136.5	136.5				
Tire Wt (lbs):	7280	8100				
Road PSI:	36	36				
Field PSI:	34	34				
Arrival PSI	47	42				

Side Slinger Manure Spreader

Axle Distance (cm)							
1	2	3	4	5	6	7	8
0							



INFO	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5	Axle 6
Tire/Trk Make:	Tianli	Tianli				
Tire Model:	704	706				
Tire Type:	Flotation Radial	Flotation Radial				
Tire Size:	560/45R22.5	560/45R22.5				
Trd Wth (cm)	46	46				
Tyr Dist Ctr(cm)	136.5	136.5				
Tire Wt (lbs):	7360*	8180				
Road PSI:	36	36				
Field PSI:	34	34				
Arrival PSI	43	42				

*Left Front wheel weight recorded as 1820 which is not possible so estimated weight reported as 7360

Empty or Loaded?

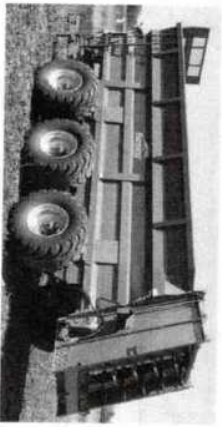
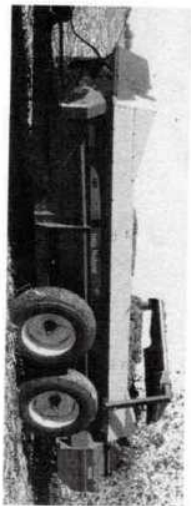
CTIS: Yes No

Exh#:	S24B	ExhNote:		Field/Road psi, Lft/Rgt tires, Hwy/Lgt wt
ExhName:		OwnerName:	Josh Butler	Phone#:
EquipType:	Dry Manure Spreader	Make:	Hagedorn	Model:
				S290 Extract

Side Slinger Manure Spreader

INFO	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5	Axle 6
Tire/Trk Make:	Trak	Tralli				
Tire Model:	Flattek	Radial				
Tire Type:	(703)	(709)				
Tire Size:	560/45R	22.5				
Trd Wth (cm)	46	49				
Tyr Dist Ctr(cm)	273/2	273/2				
Tire Wt (lbs):	7280	8100				
Road PSI:	36	36				
Field PSI:	34	34				
Arrival PSI	47	42				

Axle Distance (cm)							
1	2	3	4	5	6	7	8
0							



INFO	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5	Axle 6
Tire/Trk Make:	Tralli					
Tire Model:	(704)	(706)				
Tire Type:	560/45R	22.5				
Tire Size:						
Trd Wth (cm)	46	46				
Tyr Dist Ctr(cm)						
Tire Wt (lbs):	1820	8180				
Road PSI:	36	36				
Field PSI:	34	34				
Arrival PSI	43	42				

Empty or Loaded? Loaded

CTIS: Yes / No No

S25 - CIH STX 275 AT Dual Wheeled Tractor + Jembrook Tandem Manure Tanker

Compaction Event Report: St. Clair (S25)

S25

CIH STX 275 AT Dual Wheeled Tractor + Jembrook Tandem Manure Tanker



Aug 5,6,7, 2025
Rutherford, Ontario







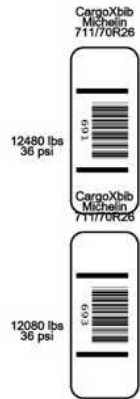
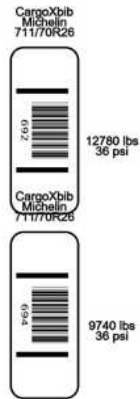
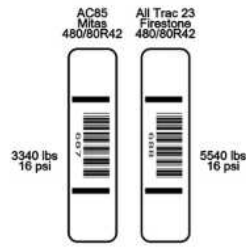
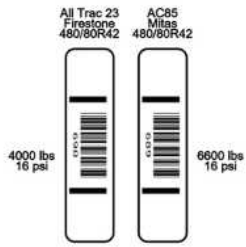
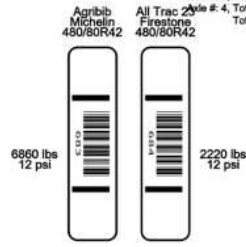
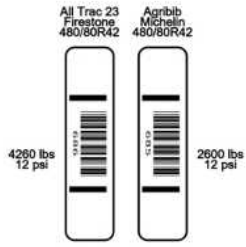
S25_FieldHighPressure
Tire Layout - Overhead View

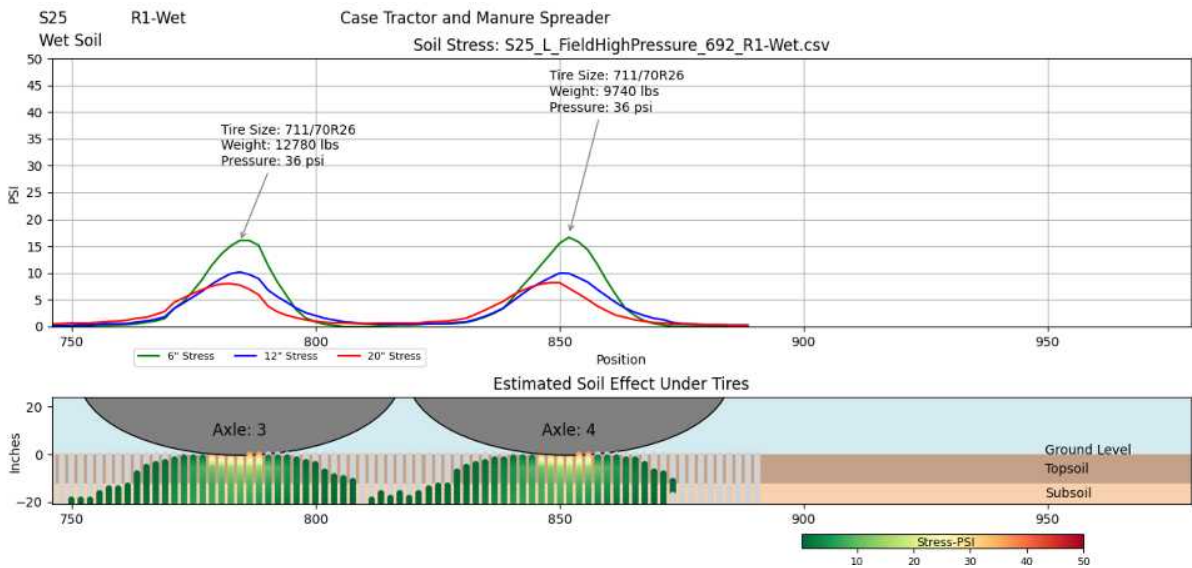
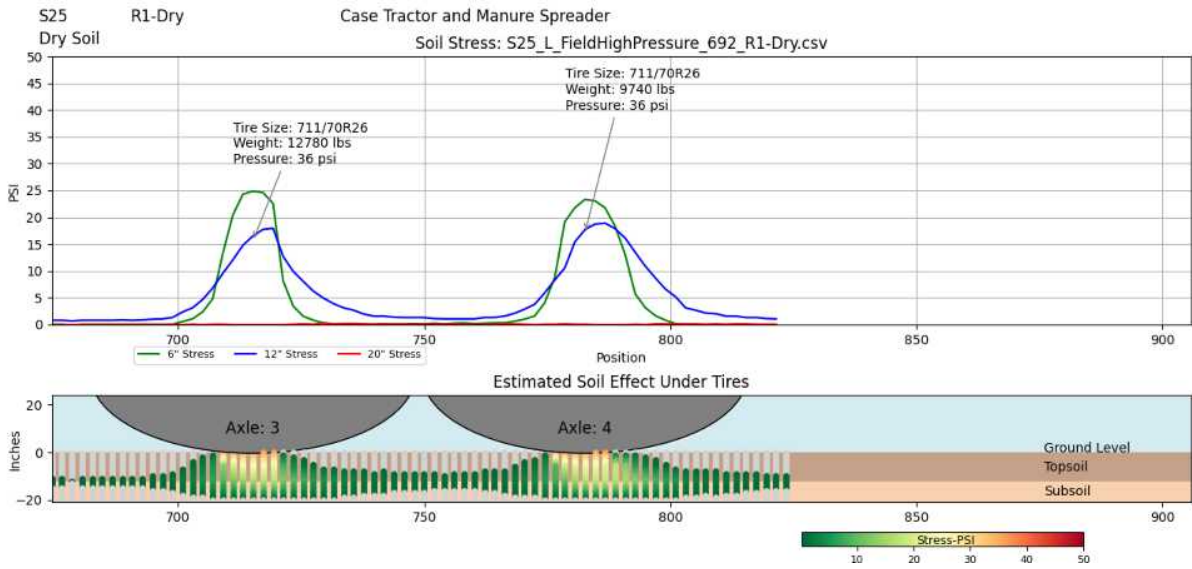


Left Side

Right Side

Axle #: 1, Total Weight: 15940 lbs
Axle #: 2, Total Weight: 19480 lbs
Axle #: 3, Total Weight: 25260 lbs
Axle #: 4, Total Weight: 21820 lbs
Total Weight: 82500 lbs



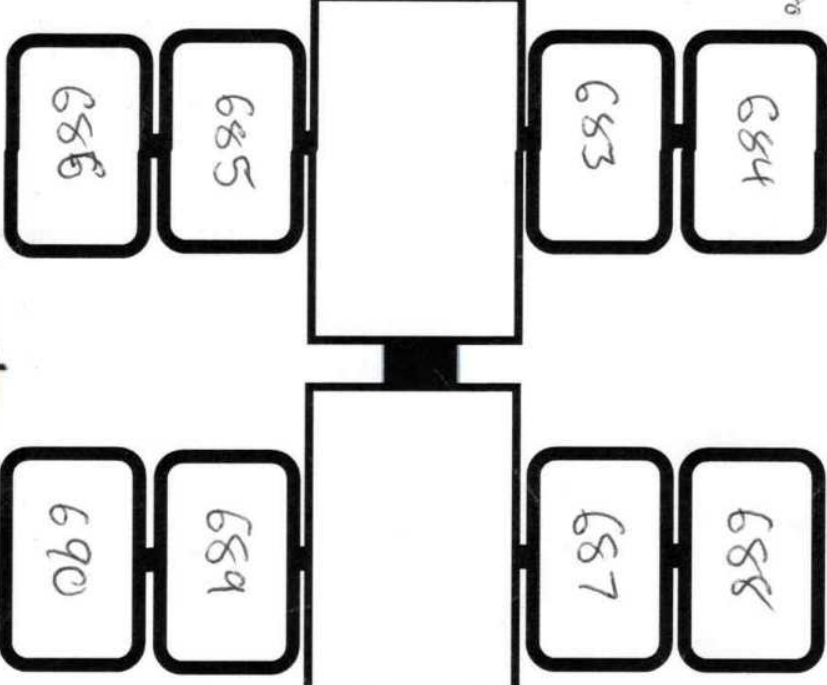


Exh#:	S25 A	ExhNote:		Field/Road psi, Lft/Rgt tires, rvy/Lgt wt
ExhName:		OwnerName:		Phone#:
EquipType:	Articulated tractor - wheeled	Make:	Case	Model:
				STX 275

INFO	Inside	Outside
Tire/Trk Make:	Michelin	Firestone
Tire Model:	A9-16/15	23
Tire Type:	Radial	Radial
Tire Size:	18.4R22 450/150 R42	18.4R22 450/150 R42
Trd Wth (cm)	46	43
Tyr Dist Ctr(cm)	182/2	317/2
Tire Wt (lbs):	6860	2220
Road PSI:	12	12
Field PSI:	12 9	12 9
Arrival PSI	20	10



Axle Distance (cm)							
1	2	3	4	5	6	7	8
		357	984	1155			



INFO	Inside	Outside
Tire/Trk Make:	Firestone	Michas
Tire Model:	All Tractor	
Tire Type:	Radial	
Tire Size:	18.4R22 450/150 R42	18.4R22 450/150 R42
Trd Wth (cm)	43	46
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	3340 3340	4400 5540
Road PSI:	16	16
Field PSI:	16 9	16 9
Arrival PSI	35 14	35

INFO	Inside	Outside
Tire/Trk Make:	Michelin	Firestone
Tire Model:		
Tire Type:		
Tire Size:	480/80R19.5 R42	
Trd Wth (cm)	48	46
Tyr Dist Ctr(cm)	182/2	317/2
Tire Wt (lbs):	2600	4200
Road PSI:	12	12
Field PSI:	9	9
Arrival PSI	10	20

Articulated Tractor - Wheeled

INFO	Inside	Outside
Tire/Trk Make:	Firestone	Michas
Tire Model:		ACC85
Tire Type:		
Tire Size:	450/80R42	480/80 R42
Trd Wth (cm)	43	46
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	6000	4000
Road PSI:	16	16
Field PSI:	16 9	16 9
Arrival PSI	24	13

CTIS: Yes / No?

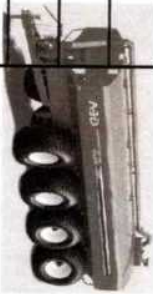
Exh#:	525B	ExhNote:		Field/Road psi, Lft/Rgt tires, Hwy/Lgt wt
ExhName:		OwnerName:		Phone#:
EquipType:	Manure Tanker	Make:	Tembeck	Model:

INFO	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5	Axle 6
Tire/Trk Make:	Michelin					
Tire Model:	28LR2C	CageXbit				
Tire Type:	High Flotation					
Tire Size:						
Trd Wth (cm)	64	64				
Tyr Dist Ctr(cm)	282/2	282/2				
Tire Wt (lbs):	12480	12080				
Road PSI:	36	36				
Field PSI:	25	25				
Arrival PSI	35	35				

Ax Dist (cm)	
1	0
2	
3	
4	
5	
6	
7	
8	



INFO	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5	Axle 6
Tire/Trk Make:	Michelin	Michelin				
Tire Model:	28LR2C	CageXbit				
Tire Type:	Flotation					
Tire Size:	28LR2C					
Trd Wth (cm)	64	64				
Tyr Dist Ctr(cm)	282/2	282/2				
Tire Wt (lbs):	7746 + 5040	2076 + 7200				
Road PSI:	36	36				
Field PSI:	25	25				
Arrival PSI	41	38				



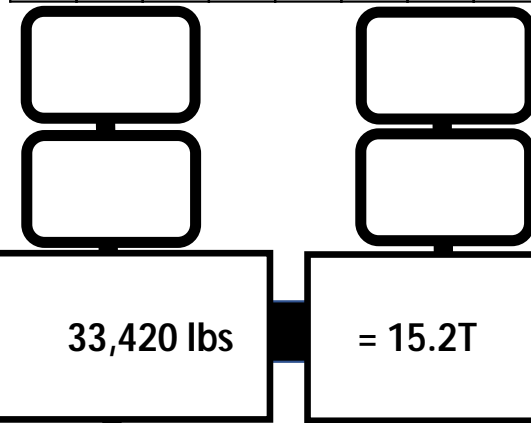
Large Wagon/Trailer/Tanks/Etc

CTIS: Yes / No

Exh#:	S25A	ExhNote:		Field/Road psi, Lft/Rgt tires, Hvy/Lgt wt
ExhName:		OwnerName:	Koster Farms	Phone#:
EquipType:	Articulated Tractor - Wheels		Make:	Case IH
			Model:	STX 275

INFO	Inside	Outside
Tire/Trk Make:	Michelin	Firestone
Tire Model:	Agribib	All Trac 23
Tire Type:	Radial	Radial
Tire Size:	480/80R42	480/80R42
Trd Wth (cm)	46	43
Tyr Dist Ctr(cm)	91	158.5
Tire Wt (lbs):	6860	2220
Road PSI:	12	12
Field PSI:	9	9
Arrival PSI	20	10

Axle Distance (cm)							
1	2	3	4	5	6	7	8
0							



INFO	Inside	Outside
Tire/Trk Make:	Firestone	Mitas
Tire Model:	All Trac 23	
Tire Type:	Radial	
Tire Size:	18.4R42	480/80R42
Trd Wth (cm)	43	46
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	3340	3540
Road PSI:	16	16
Field PSI:	9	9
Arrival PSI	14	35

INFO	Inside	Outside
Tire/Trk Make:	Michelin	Firestone
Tire Model:	Agribib	All Trac 23
Tire Type:	Radial	Radial
Tire Size:	480/80R42	18.4R42
Trd Wth (cm)	48	46
Tyr Dist Ctr(cm)	91	158.5
Tire Wt (lbs):	2600	4260
Road PSI:	12	12
Field PSI:	9	9
Arrival PSI	10	20

INFO	Inside	Outside
Tire/Trk Make:	Firestone	Mitas
Tire Model:	All Trac 23	AC85
Tire Type:	Radial	
Tire Size:	480/80R42	480/80R42
Trd Wth (cm)	43	46
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	6600	4000
Road PSI:	16	16
Field PSI:	9	9
Arrival PSI	24	13

Articulated Tractor - Wheeled

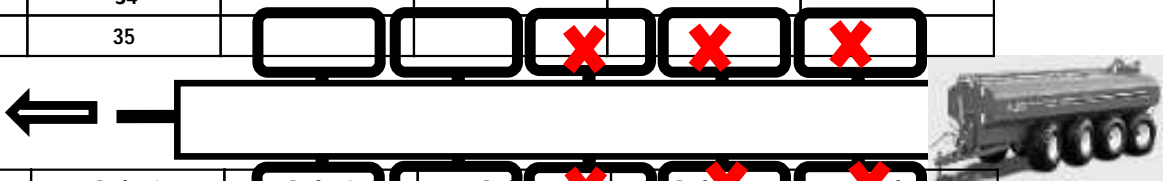


CTIS: Yes / No?

Exh#:	S25B	ExhNote:	S25A	Field/Road psi, Lft/Rgt tires, Hvy/Lgt wt		
ExhName:		OwnerName:		Phone#:		
EquipType:	Manure Tanker		Make:	Jembrook	Model:	

INFO	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5	Axle 6
Tire/Trk Make:	Michelin	Michelin				
Tire Model:	CargoXbib	CargoXbib				
Tire Type:	Radial	Radial				
Tire Size:	28LR26	28LR26				
Trd Wth (cm)	64	64	46,880 lbs = 21.3T			
Tyr Dist Ctr(cm)	141	141				
Tire Wt (lbs):	12480	12080				
Road PSI:	36	36				
Field PSI:	34	34				
Arrival PSI	35	35				

Ax Dist (cm)	
1	0
2	
3	944
4	1155
5	
6	
7	
8	



INFO	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5	Axle 6
Tire/Trk Make:	Michelin	Michelin				
Tire Model:	CargoXbib	CargoXbib				
Tire Type:	Radial	Radial				
Tire Size:	28LR26	28LR26				
Trd Wth (cm)	64	64				
Tyr Dist Ctr(cm)	141	141				
Tire Wt (lbs):	12580	9740				
Road PSI:	36	36				
Field PSI:	34	34				
Arrival PSI	41	38				

Large Wagon/
Trailer/
Tanks / Etc

CTIS:
Yes / No

S26 - JD 4250 RC Dualled Rear Tractor + JD 1590 Notill Drill

Compaction Event Report: St. Clair (S26)

S26

JD 4250 RC Dualled Rear Tractor + JD 1590 Notill Drill



Aug 5,6,7, 2025
Rutherford, Ontario







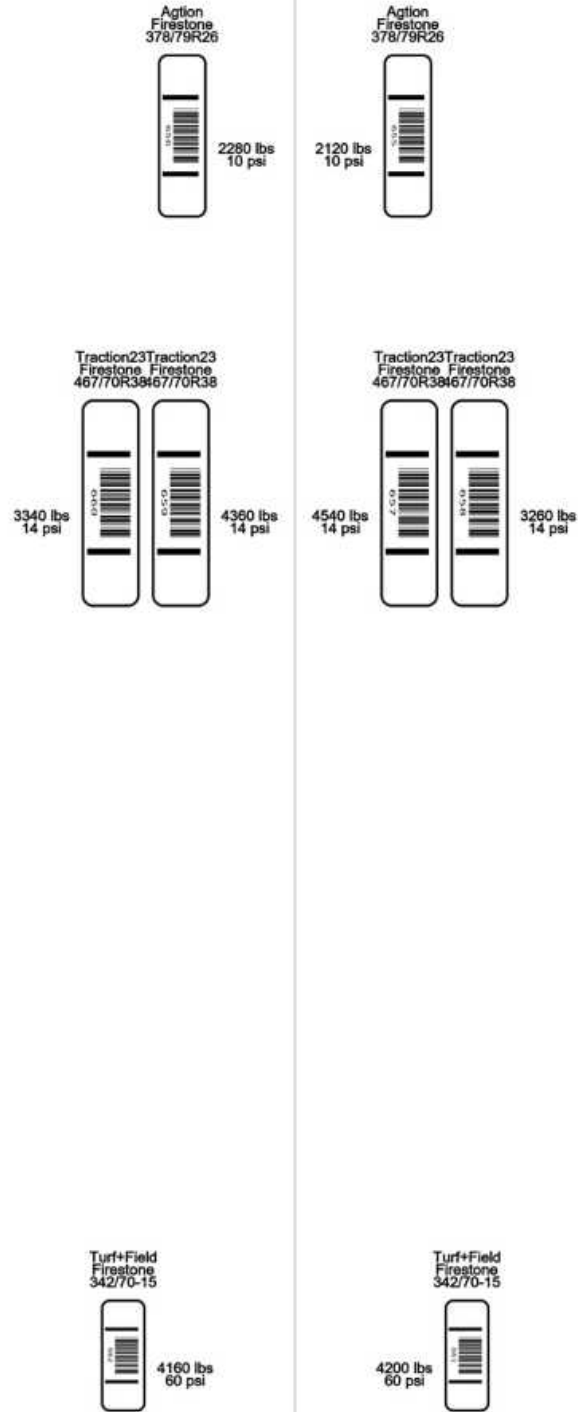
S26_FieldHighPressure
Tire Layout - Overhead View

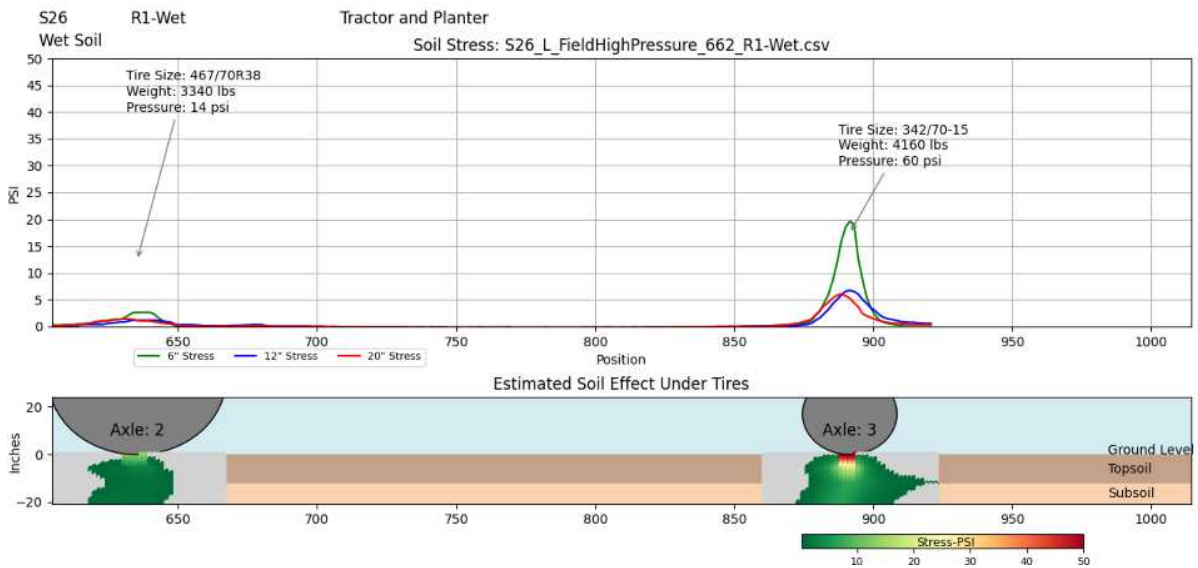
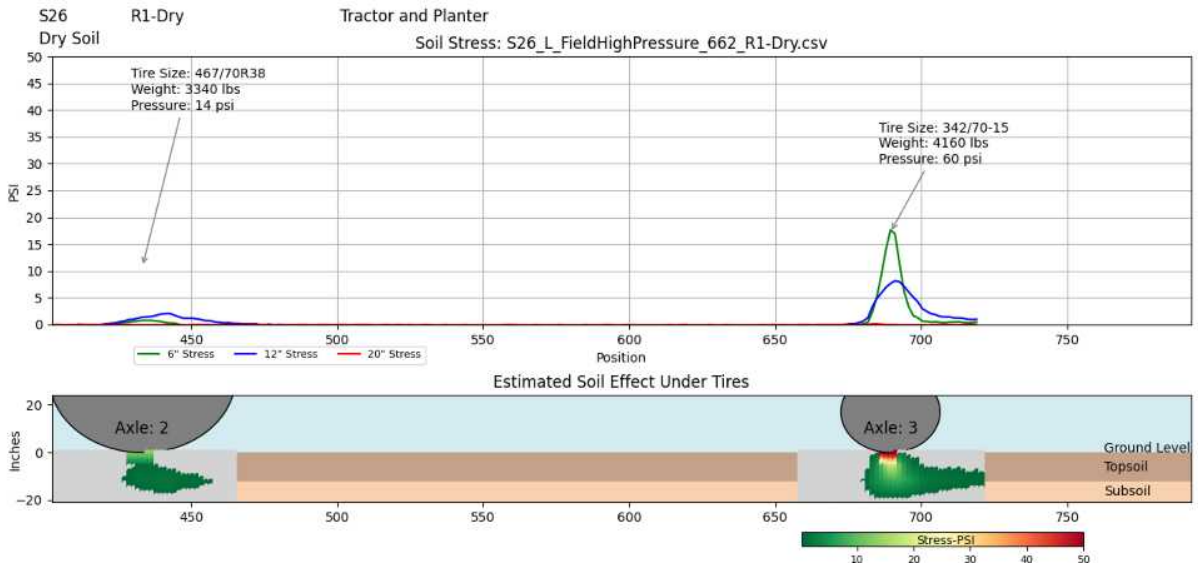


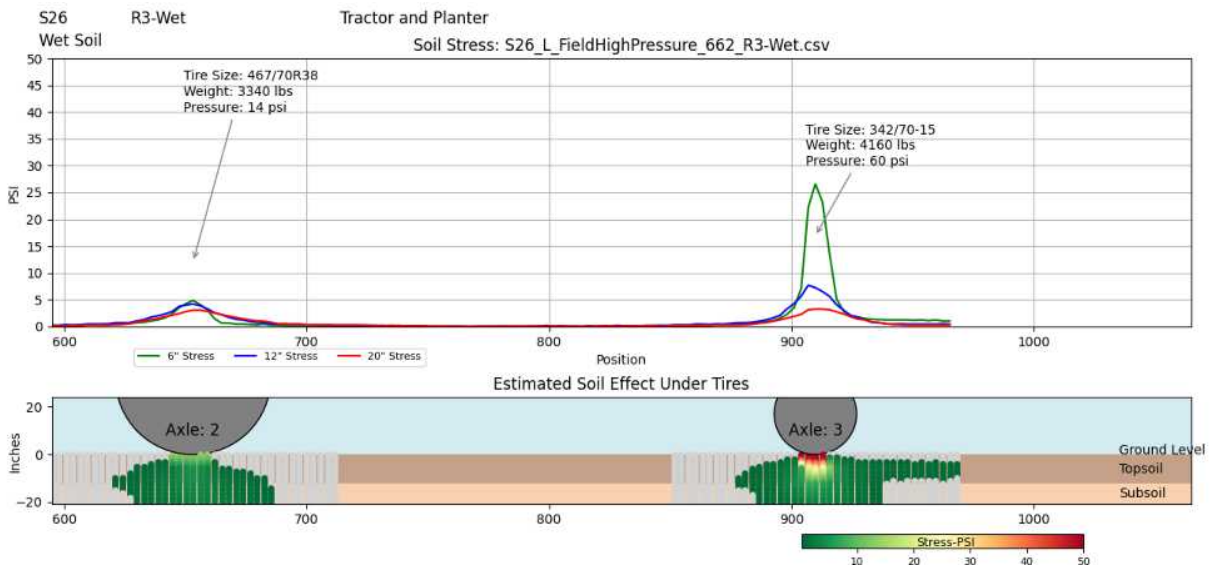
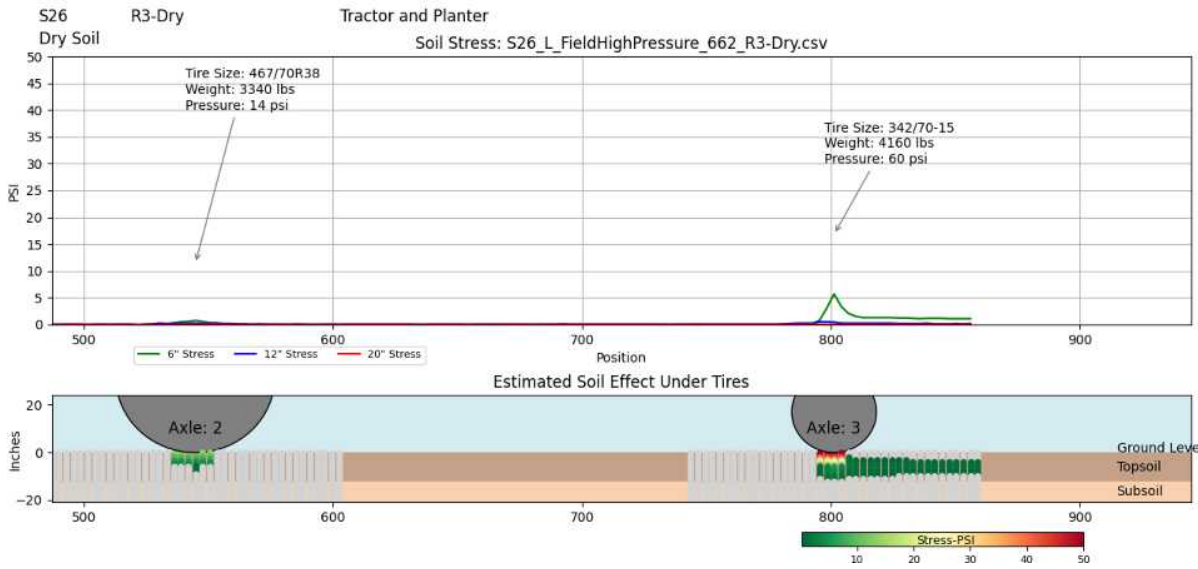
Left Side

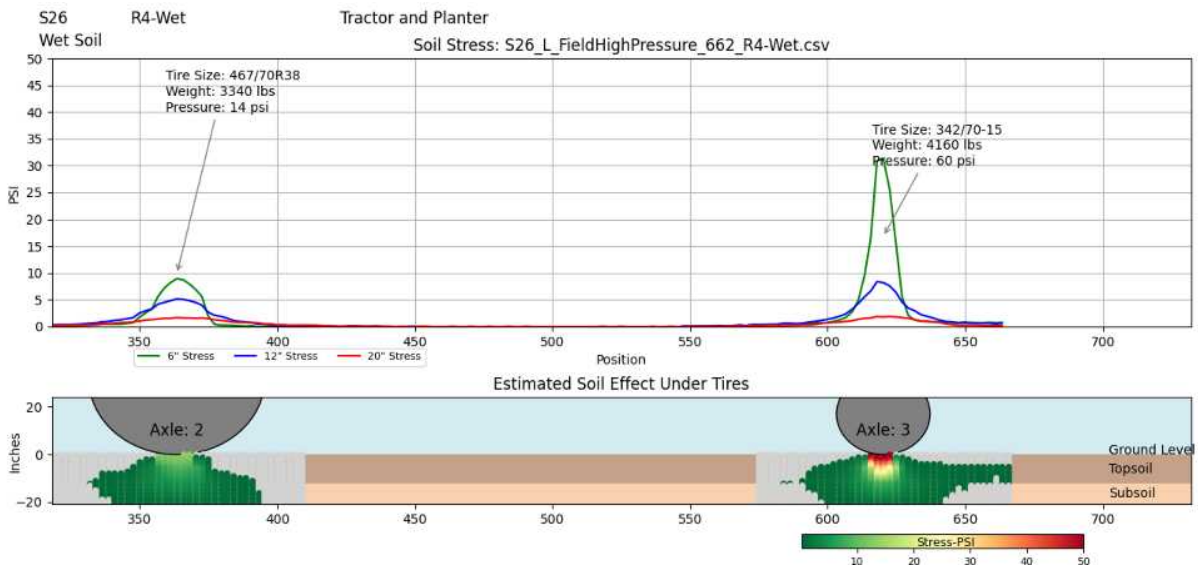
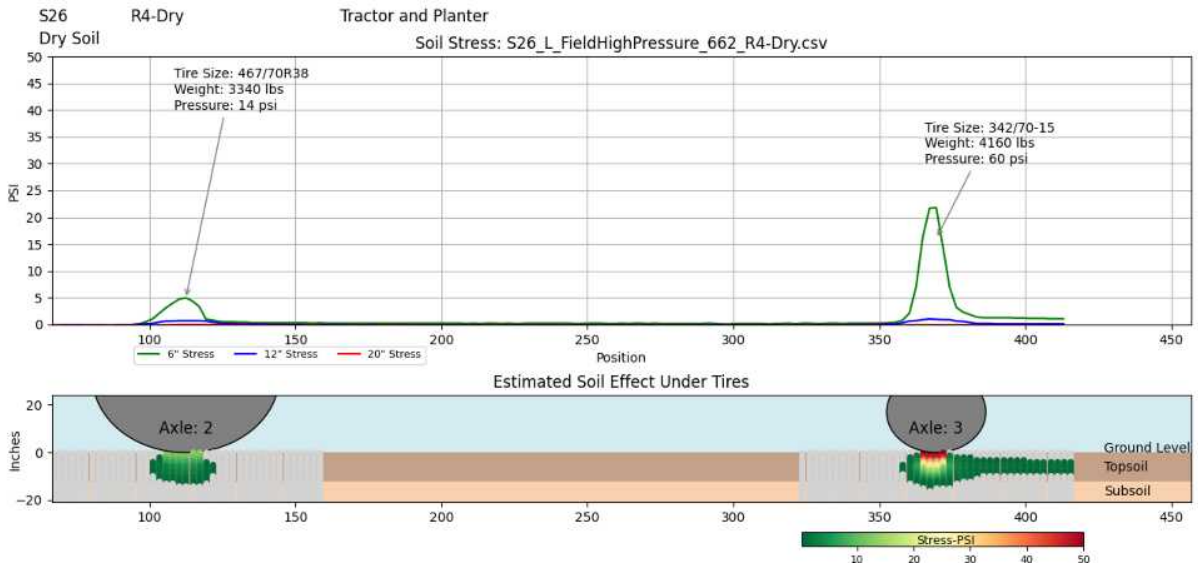
Right Side

Axle #: 1, Total Weight: 4400 lbs
 Axle #: 2, Total Weight: 15500 lbs
 Axle #: 3, Total Weight: 8360 lbs
 Total Weight: 28260 lbs









Exh#:	526A	ExhNote:		Field/Road psi, Lt/Rgt tires, Hvy/Lgt wt
ExhName:		OwnerName:	AI Butler	Phone#:
EquipType:	RC Tractor	Make:	JD	Model:
				4250

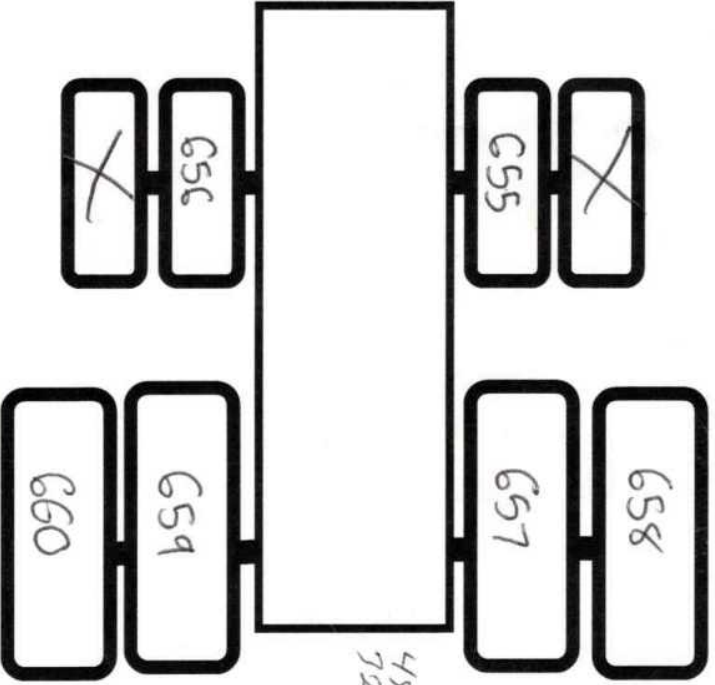
INFO	Inside	Outside
Tire/Trk Make:	Firestone	
Tire Model:	Agtra	
Tire Type:	Radial	
Tire Size:	14.9R26	
Trd Wth (cm)	37	
Tyr Dist Ctr(cm)	475/2	86cm
Tire Wt (lbs):	2120	
Road PSI:	10	
Field PSI:		
Arrival PSI	21	

Axle Distance (cm)							
1	2	3	4	5	6	7	8
0	280	930					

INFO	Inside	Outside
Tire/Trk Make:	Firestone	
Tire Model:	Trachon 25	
Tire Type:	Radial	
Tire Size:	18.4R38	
Trd Wth (cm)	44	44
Tyr Dist Ctr(cm)	174	281
Tire Wt (lbs):	4576	3260
Road PSI:	14	14
Field PSI:		
Arrival PSI	27	20



INFO	Inside	Outside
Tire/Trk Make:	Firestone	
Tire Model:	Agtra	
Tire Type:	Radial	
Tire Size:	14.9R26	
Trd Wth (cm)	37	
Tyr Dist Ctr(cm)	775	86cm
Tire Wt (lbs):	2280	
Road PSI:	10	
Field PSI:		
Arrival PSI	21	



3340
4300

INFO	Inside	Outside
Tire/Trk Make:	Firestone	
Tire Model:	Trachon 25	
Tire Type:	Radial	
Tire Size:	18.4R38	
Trd Wth (cm)	44	44
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	4576	3340
Road PSI:	14	14
Field PSI:		
Arrival PSI	27	20

CTIS: Yes / No?

Exh#:	526 B	ExhNote:		Field/Road psi, Lft/Rgt tires, Hvy/Lgt wt
ExhName:		OwnerName:		Phone#:
EquipType:	Ne-till drill	Make:	JD	Model:
				1590

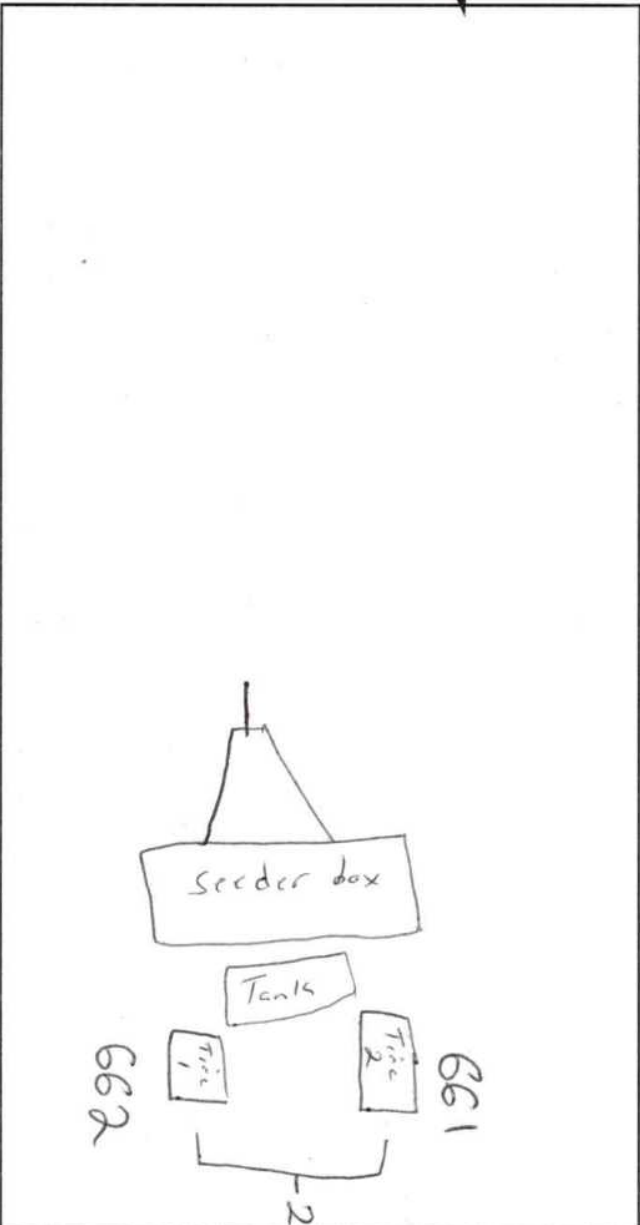
INFO	Tire 1	Tire 2	Tire 3	Tire 4	Tire 5	Tire 6	Tire 7	Tire 8
Tire/Trk Make:	Frishkone	Frishkone						
Tire Model:								
Tire Type:	Fast Field	Fast Field						
Tire Size:	31x13.50-15	31x13.50-15						
Trd Wth (cm)	34	34						
Tyr Dist Ctr(cm)	263	263						
TireWt (lbs):	4160	4200						
Road PSI:	40	40						
Field PSI:	60	60						
Arrival PSI:	54	55						

Ax Dist (cm)	0
1	
2	
3	
4	
5	
6	
7	
8	

Misc. Equipment

Draw Tire Layout and Label Each Tire

Uf 410 / 50 R 16.5
woud be 30 psi



Equip Type: ? Drill

Empty or Loaded?

Road or Field?

CTIS: Yes / No?

Exh#:	S26A	ExhNote:	S26B	Field/Road psi, Lft/Rgt tires, Hvy/Lgt wt
ExhName:		OwnerName:	Al Butler	Phone#:
EquipType:	RC Tractor		Make:	JD
			Model:	4250

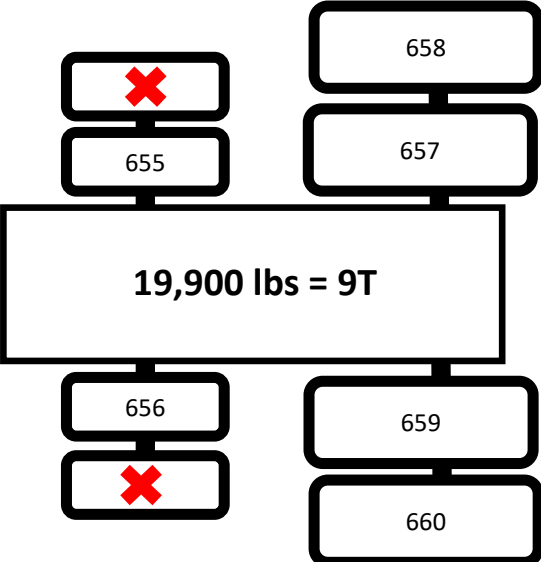
INFO	Inside	Outside
Tire/Trk Make:	Fire	
Tire Model:	Agtion	
Tire Type:	Radial	
Tire Size:	14.9R26	
Trd Wth (cm)	37	
Tyr Dist Ctr(cm)	86	
Tire Wt (lbs):	2120	
Road PSI:	10	
Field PSI:		
Arrival PSI	21	

Axle Distance (cm)							
1	2	3	4	5	6	7	8
0	280	930					

INFO	Inside	Outside
Tire/Trk Make:	Firestone	
Tire Model:	Traction23	
Tire Type:	Radial	
Tire Size:	18.4R38	
Trd Wth (cm)	44	44
Tyr Dist Ctr(cm)	174	281
Tire Wt (lbs):	4540	3260
Road PSI:	14	14
Field PSI:		
Arrival PSI	27	20



INFO	Inside	Outside
Tire/Trk Make:	Firestone	
Tire Model:	Agtion	
Tire Type:	Radial	
Tire Size:	14.9R26	
Trd Wth (cm)	37	
Tyr Dist Ctr(cm)	86	
Tire Wt (lbs):	2280	
Road PSI:	10	
Field PSI:		
Arrival PSI	21	



INFO	Inside	Outside
Tire/Trk Make:		
Tire Model:		
Tire Type:		
Tire Size:		
Trd Wth (cm)		
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	4360	3340
Road PSI:	14	14
Field PSI:		
Arrival PSI	25	26

Row Crop Tractor - Wheeled

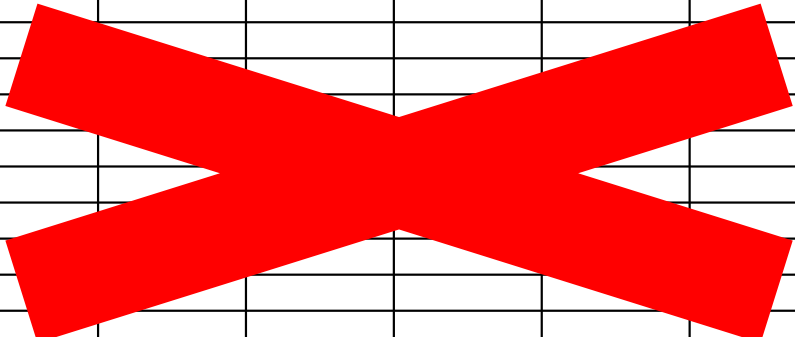
CTIS: Yes No?



Exh#:	S26B	ExhNote:	S26A	Field/Road psi, Lft/Rgt tires, Hvy/Lgt wt			
ExhName:				OwnerName:	Phone#:		
EquipType:	No-till Drill			Make:	JD	Model:	1590

INFO	Tire 1	Tire 2	Tire 3	Tire 4	Tire 5	Tire 6	Tire 7	Tire 8
Tire/Trk Make:	Firestone	Firestone						
Tire Model:	Turf+Field	Turf+Field						
Tire Type:	Bias	Bias						
Tire Size:	31.50-15	3143.50-15						
Trd Wth (cm)	34	34						
Tyr Dist Ctr(cm)	263	263						
TireWt (lbs):	4160	4200						
Road PSI:								
Field PSI:	60	60						
Arrival PSI:	54	55						

Ax Dist (cm)	
1	0
2	
3	
4	
5	
6	
7	
8	



Misc. Equipment

Draw Tire Layout and Label Each Tire

8,360 lbs = 3.8T



Move to a VF410/50R16.5 allowing @ 30 psi!

Tire 2
661

Tire 1
662

Equip Type: Notill Drill

Empty or Loaded?

Road or Field?

CTIS: Yes No?

S27 - Agpointelli Robotti Strip Till and Planting Field Robot

Compaction Event Report: St. Clair (S27)

S27

Agrointelli Robotti Strip Till and Planting Field Robot



Aug 5,6,7, 2025
Rutherford, Ontario







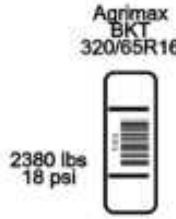
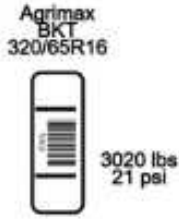
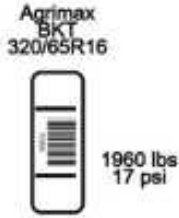


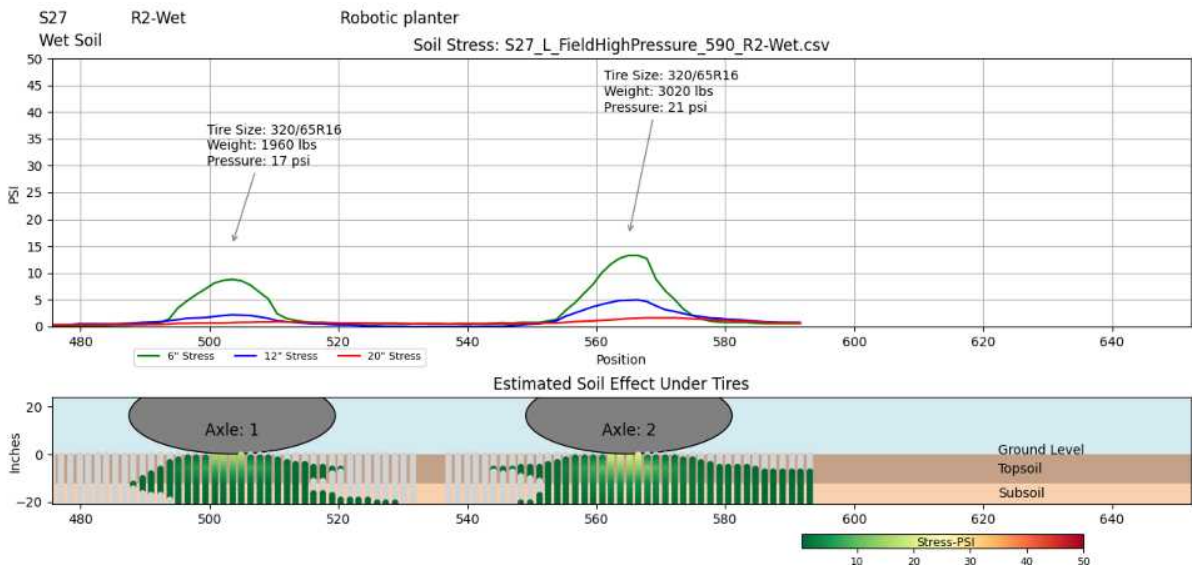
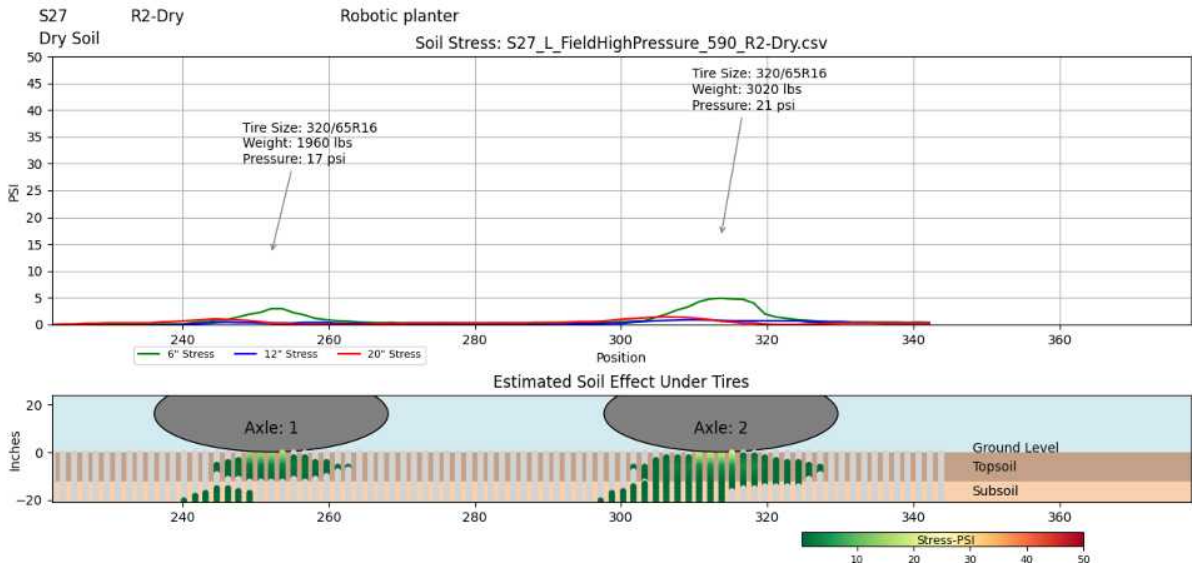
S27_FieldHighPressure Tire Layout - Overhead View

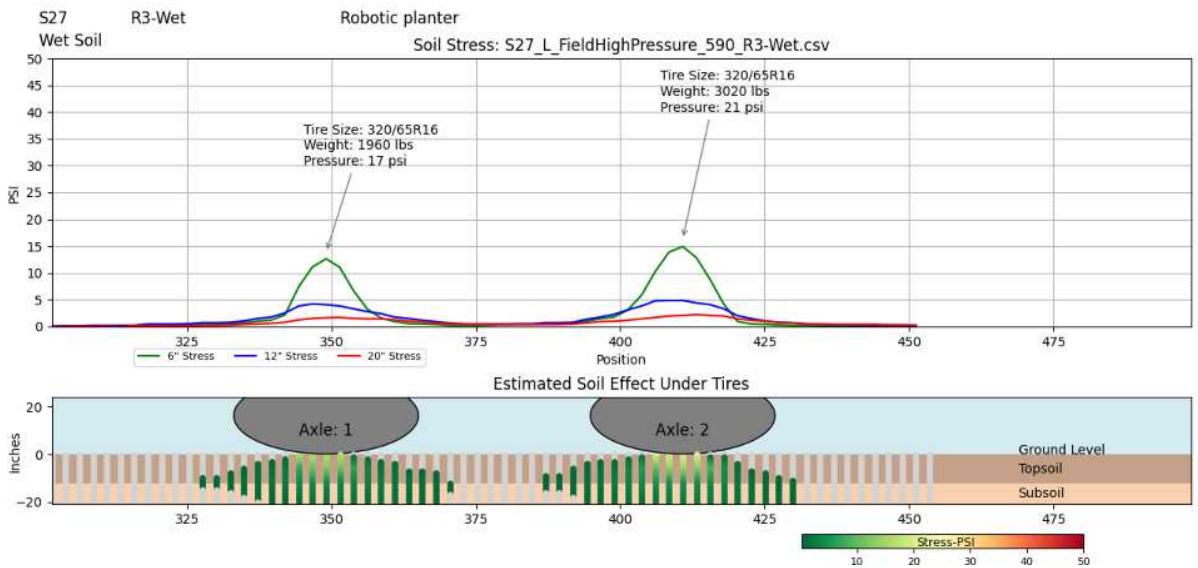
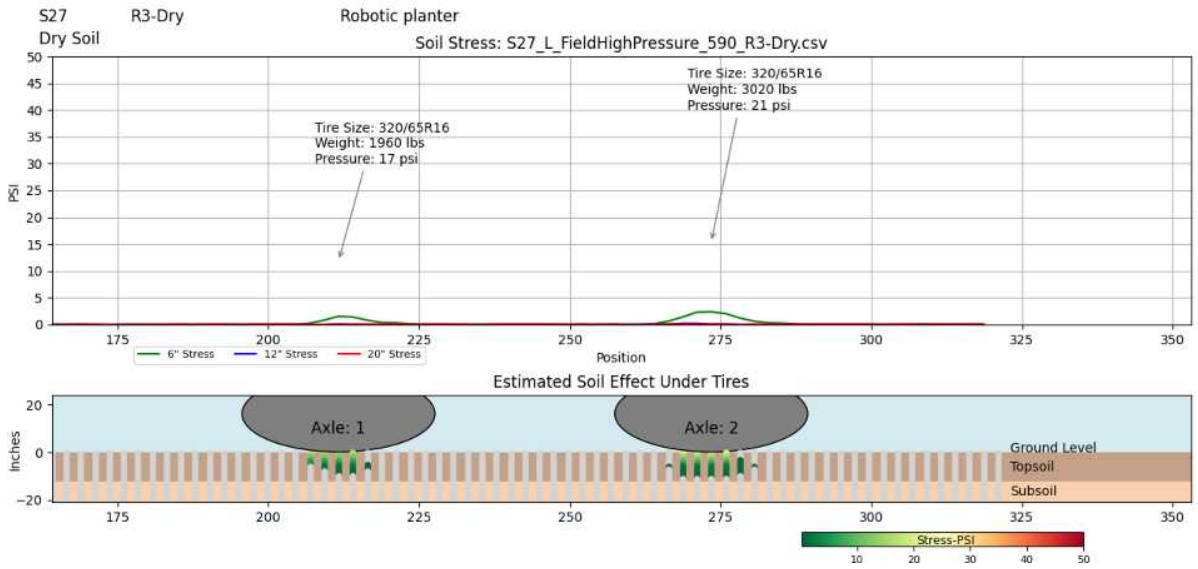
Left Side

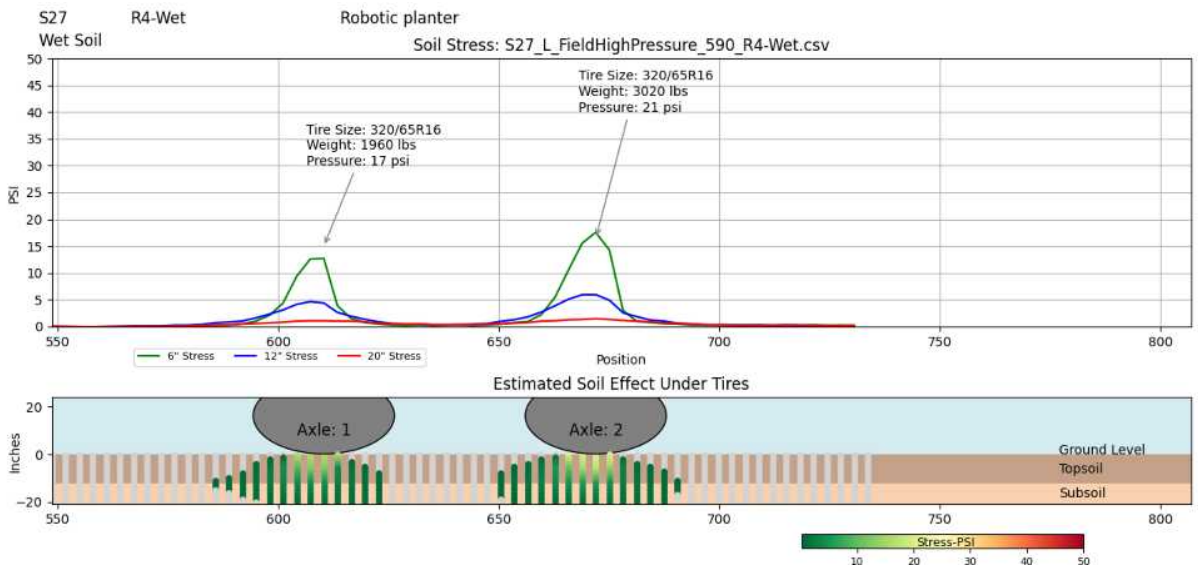
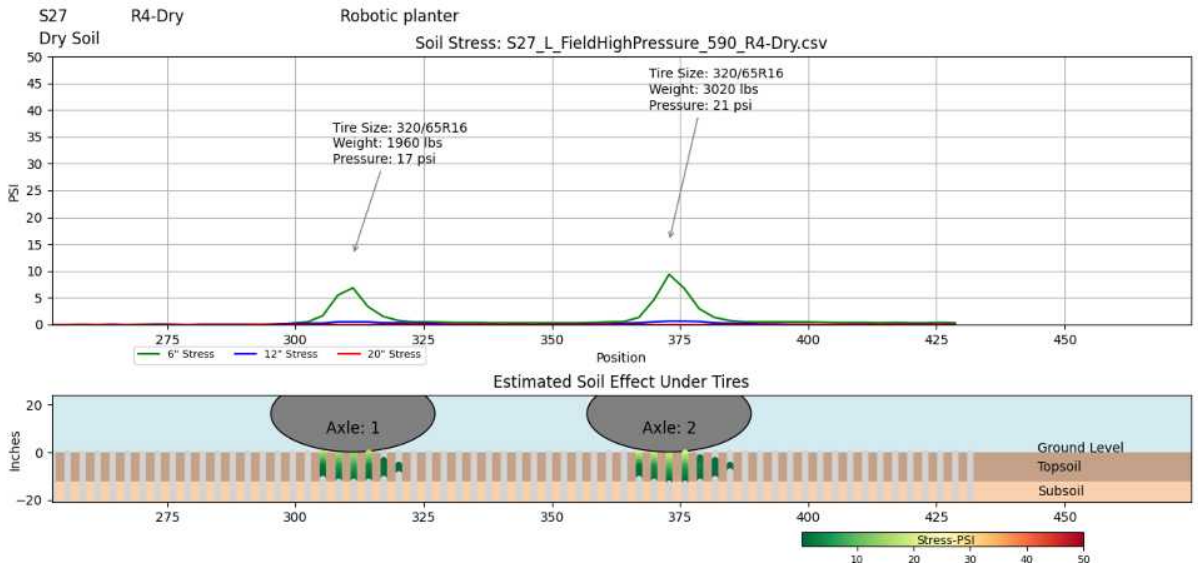
Right Side

Axle #: 1, Total Weight: 4180 lbs
Axle #: 2, Total Weight: 5400 lbs
Total Weight: 9580 lbs









Exh#: 527	ExhNote:	OwnerName: Hagedy Creek	Field/Road psi, Lt/Rgt tires, nv/Lgt wt
ExhName:	Make: Aggraintelli	Phone#:	
EquipType:	Model: Rabatti		

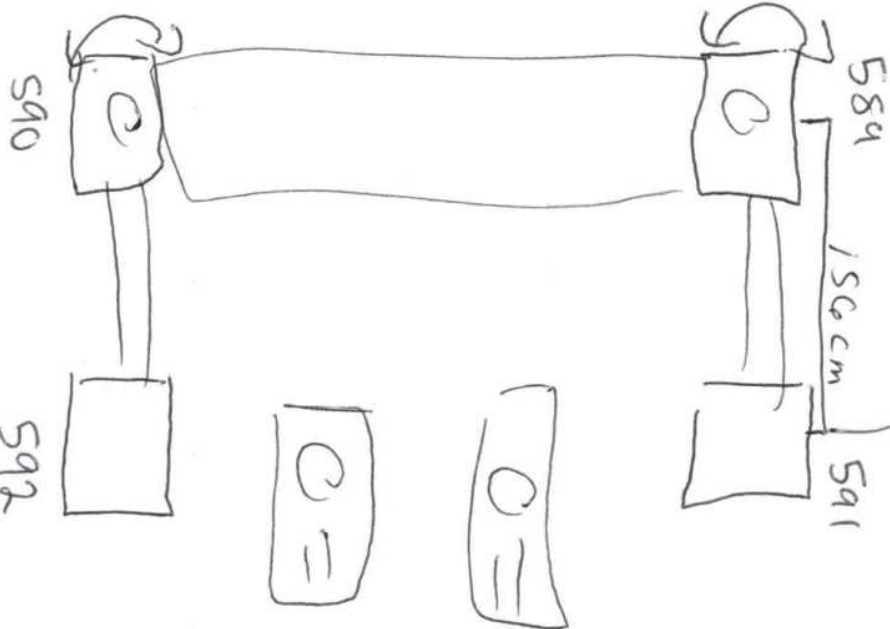
Axle Distance (cm)							
1	2	3	4	5	6	7	8
0	156						

INFO	Inside	Outside
Tire/Trk Make:	BKT	
Tire Model:	Aggraintelli	
Tire Type:	RT 657	
Tire Size:	320/65/R16	
Trd Wth (cm)	30	
Tyr Dist Ctr(cm)	156cm	
Tire Wt (lbs):	2220	
Road PSI:		
Field PSI:	18	
Arrival PSI	23	

INFO	Inside	Outside
Tire/Trk Make:	BKT	
Tire Model:	Aggraintelli	
Tire Type:	RT 657	
Tire Size:	320/65/R16	
Trd Wth (cm)	30	
Tyr Dist Ctr(cm)	156	
Tire Wt (lbs):	1800 ← 2380	
Road PSI:		
Field PSI:	18	
Arrival PSI	20 23	

INFO	Inside	Outside
Tire/Trk Make:	BTX	
Tire Model:	Aggraintelli	
Tire Type:	RT 657	
Tire Size:	320/65/R16	
Trd Wth (cm)	30	
Tyr Dist Ctr(cm)	156	
Tire Wt (lbs):	1960	
Road PSI:		
Field PSI:	17	
Arrival PSI	22	

INFO	Inside	Outside
Tire/Trk Make:	BKT	
Tire Model:	Aggraintelli	
Tire Type:	RT 657	
Tire Size:	320/65/R16	
Trd Wth (cm)	30	
Tyr Dist Ctr(cm)	156	
Tire Wt (lbs):	2000 ← 3020	
Road PSI:		
Field PSI:	21	
Arrival PSI	33	



CTIS: Yes / No

Exh#:	S27	ExhNote:		Field/Road psi, Lft/Rgt tires, Hvy/Lgt wt
ExhName:		OwnerName:	Haggerty Creek	Phone#:
EquipType:	Autonomous Ag Field Robot Tool Carrier	Make:	Agrointelli	Model:
				Robotti

INFO	Inside	Outside
Tire/Trk Make:	BKT	
Tire Model:	Agrimax	
Tire Type:	RT657	
Tire Size:	320/65R16	
Trd Wth (cm)	30	
Tyr Dist Ctr(cm)	156	
Tire Wt (lbs):	2220	
Road PSI:		
Field PSI:	11	
Arrival PSI	23	

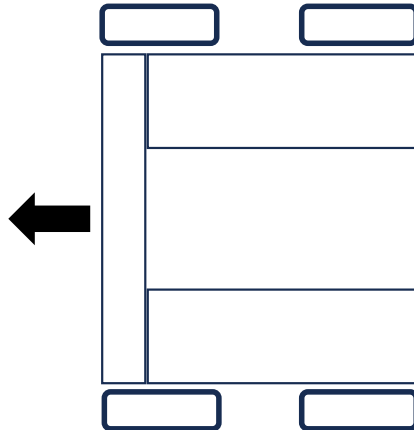
Axle Distance (cm)							
1	2	3	4	5	6	7	8
0	156						

9,580 lbs = 4.4T



INFO	Inside	Outside
Tire/Trk Make:	BKT	
Tire Model:	Agrimax	
Tire Type:	RT657	
Tire Size:	320/65R16	
Trd Wth (cm)	30	
Tyr Dist Ctr(cm)	156	
Tire Wt (lbs):	2380	
Road PSI:		
Field PSI:	18	
Arrival PSI	23	

INFO	Inside	Outside
Tire/Trk Make:	BKT	
Tire Model:	Agrimax	
Tire Type:	RT657	
Tire Size:	320/65R16	
Trd Wth (cm)	30	
Tyr Dist Ctr(cm)	156	
Tire Wt (lbs):	1960	
Road PSI:		
Field PSI:	17	
Arrival PSI	22	



INFO	Inside	Outside
Tire/Trk Make:	BKT	
Tire Model:	Agrimax	
Tire Type:	RT657	
Tire Size:	320/65R16	
Trd Wth (cm)	30	
Tyr Dist Ctr(cm)	156	
Tire Wt (lbs):	3020	
Road PSI:		
Field PSI:	21	
Arrival PSI	33	

CTIS: Yes No?

S33 - Challenger MT775E Two Track Tractor

Compaction Event Report: St. Clair (S33)

S33

Challenger MT775E Two Track Tractor



Aug 5,6,7, 2025
Rutherford, Ontario





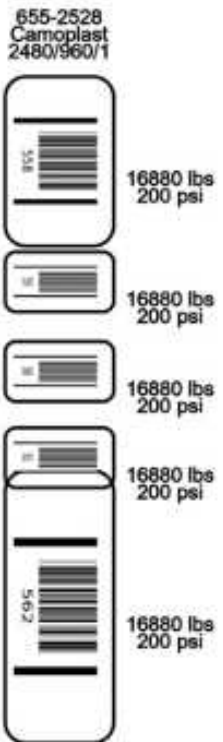


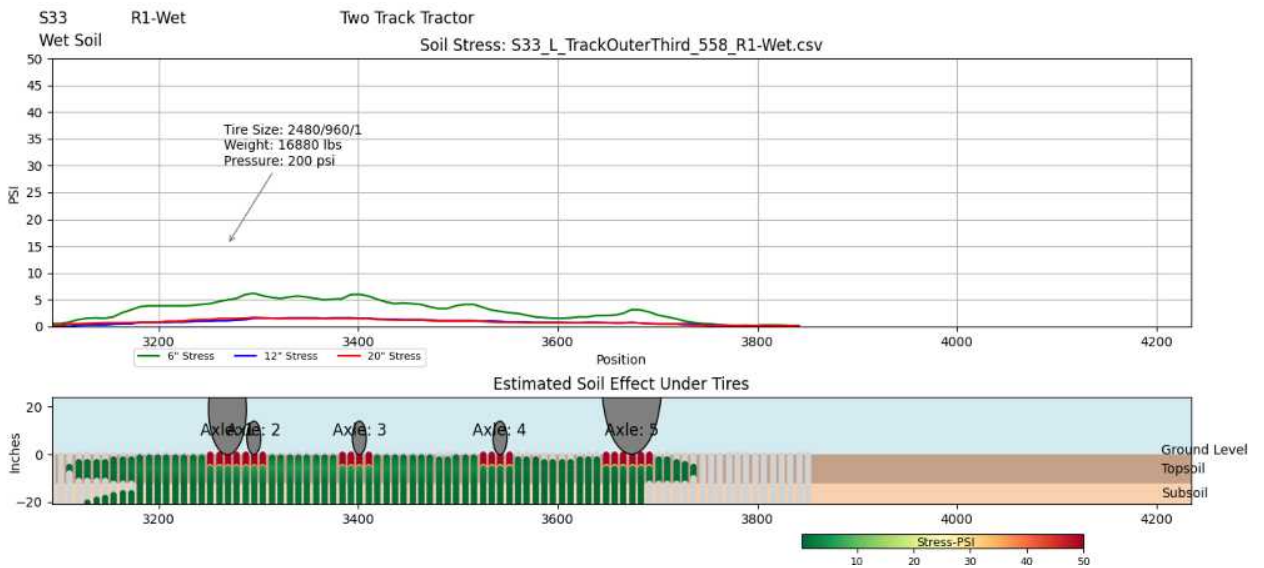
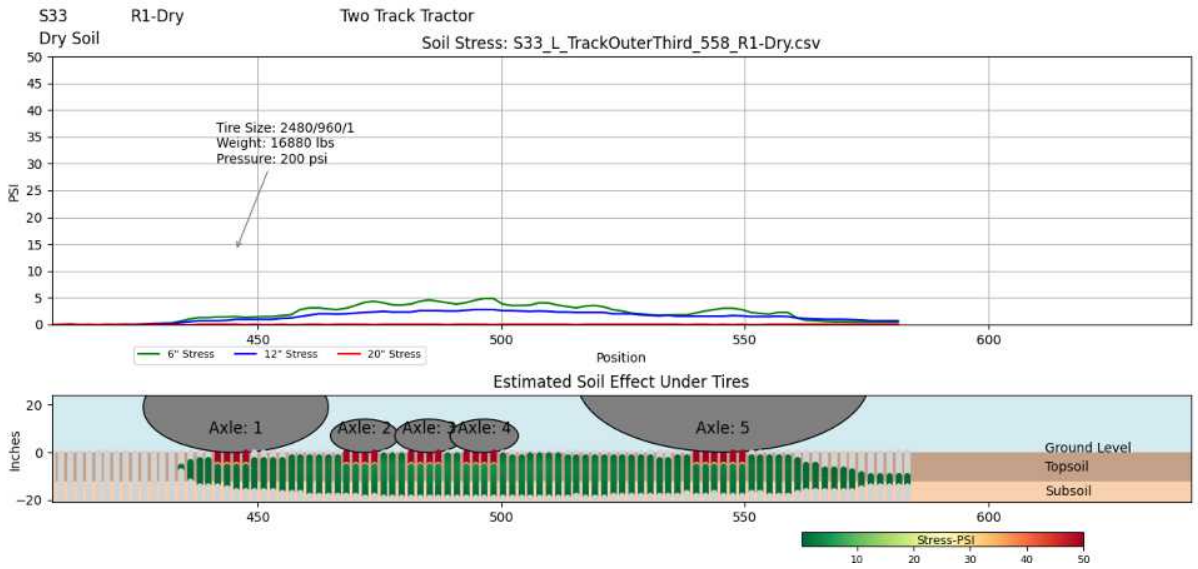
S33_FieldHighPressure
Tire Layout - Overhead View

Left Side

Right Side

Axle #: 1, Total Weight: 33720 lbs
 Total Weight: 33720 lbs





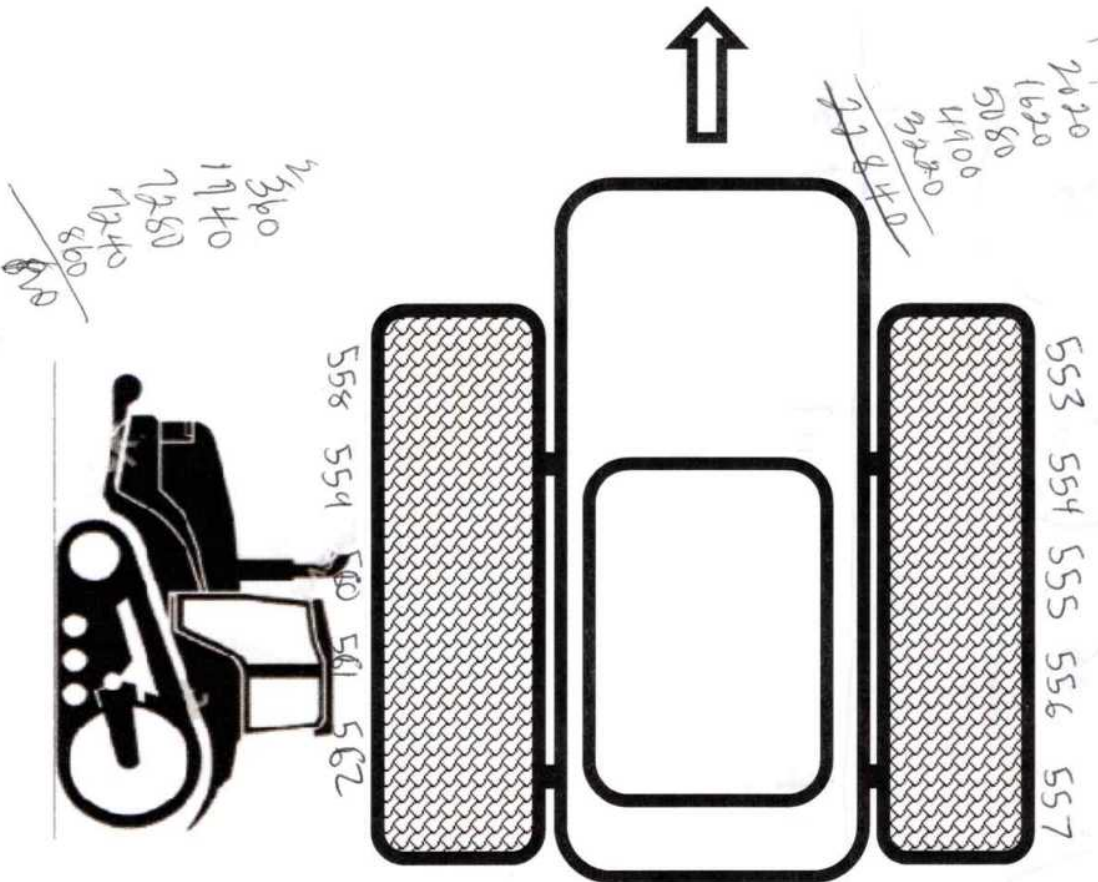
Exh#: 533	ExhNote:	Field/Road psi, Lft/Rgt tires, Hwy/Lgt wt
ExhName:	OwnerName: R Butler	Phone#:
EquipType: Row Crop Tractor	Make: Challenger	Model: MT 715E

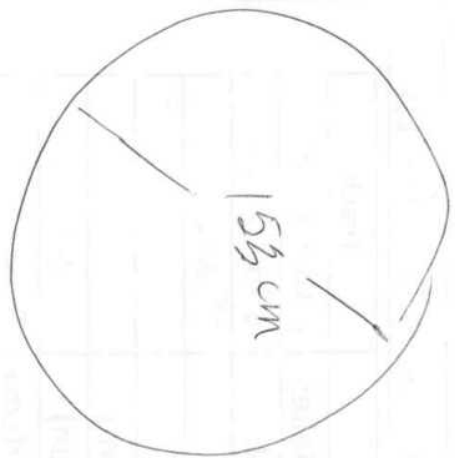
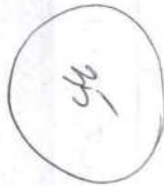
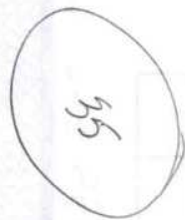
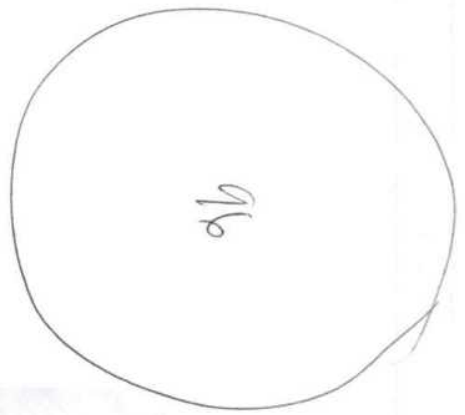
Axle Distance (cm)							
1	2	3	4	5	6	7	8
0							

INFO	Track
Tire/Trk Make:	Camoplast
Tire Model:	655-2528
Tire Type:	Tracks
Tire Size:	
Trk Lght (cm)	
Trd Wth (cm)	62 cm
Tyr Dist Ctr(cm)	219 cm
TireWt (lbs):	16 840
Road PSI:	NA
Field PSI:	NA
Arrival PSI	NA

INFO	Track
Tire/Trk Make:	
Tire Model:	
Tire Type:	
Tire Size:	
Trk Lght (cm)	
Trd Wth (cm)	
Tyr Dist Ctr(cm)	
TireWt (lbs):	16 880
Road PSI:	NA
Field PSI:	NA
Arrival PSI	NA

Row Crop Tractor - Two Track





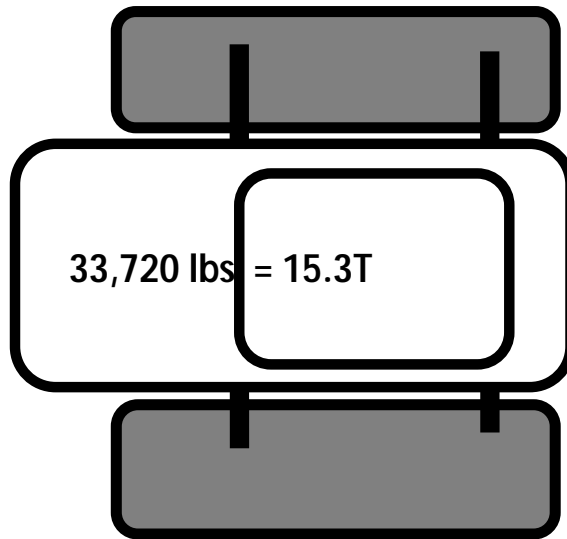
378 total track
[Signature]

Exh#:	S33	ExhNote:		Field/Road psi, Lft/Rgt tires, Hvy/Lgt wt
ExhName:		OwnerName:	R Butler	Phone#:
EquipType:	Two Track Row Crop Tractor	Make:	Challenger	Model:
				MT 775E

INFO	Track
Tire/Trk Make:	Camoplast
Tire Model:	655-2528
Tire Type:	Tracks
Tire Size:	
Trk Lght (cm)	226
Trd Wth (cm)	62
Tyr Dist Ctr(cm)	219
TireWt (lbs):	16840
Road PSI:	NA
Field PSI:	NA
Arrival PSI:	NA

Axle Distance (cm)							
1	2	3	4	5	6	7	8
0							

INFO	Track
Tire/Trk Make:	
Tire Model:	
Tire Type:	
Tire Size:	
Trk Lght (cm)	
Trd Wth (cm)	
Tyr Dist Ctr(cm)	
TireWt (lbs):	16880
Road PSI:	NA
Field PSI:	NA
Arrival PSI:	NA



Row Crop Tractor – Two Track

S34 - MF 255 RC Tractor

Compaction Event Report: St. Clair (S34)

S34

MF 255 RC Tractor



Aug 5,6,7, 2025
Rutherford, Ontario







S34_FieldHighPressure Tire Layout - Overhead View

Left Side

Right Side

Axle #: 1, Total Weight: 2440 lbs
Axle #: 2, Total Weight: 3740 lbs
Total Weight: 6180 lbs

ANPG
Stomil
165/70-16



1240 lbs
48 psi

ANPG
Stomil
165/70-16



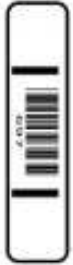
1200 lbs
48 psi

SAT11
Firestone
393/70-38

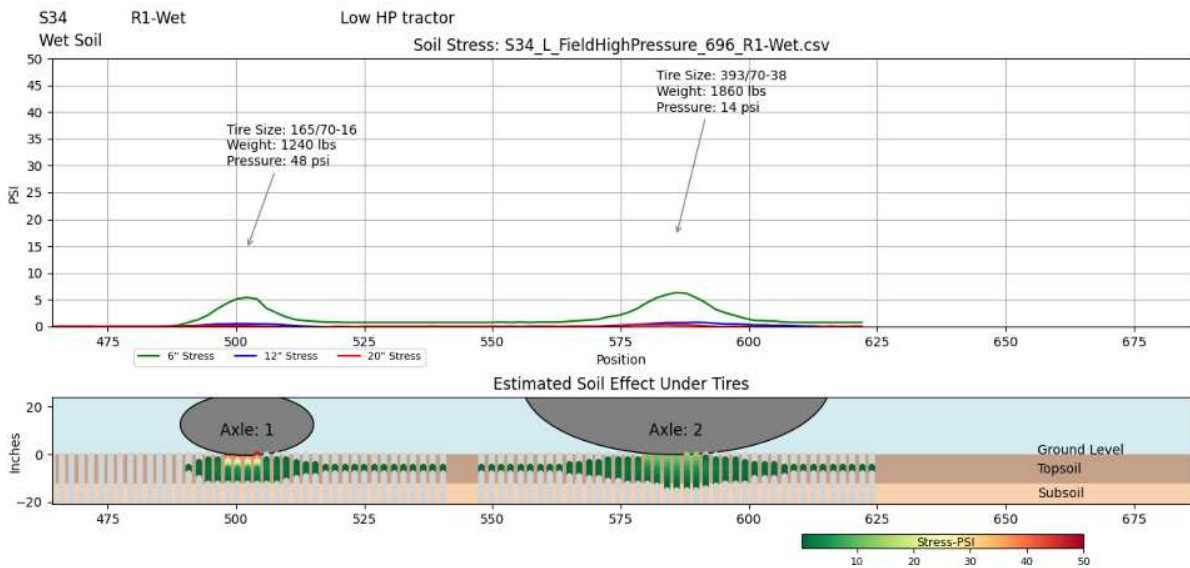
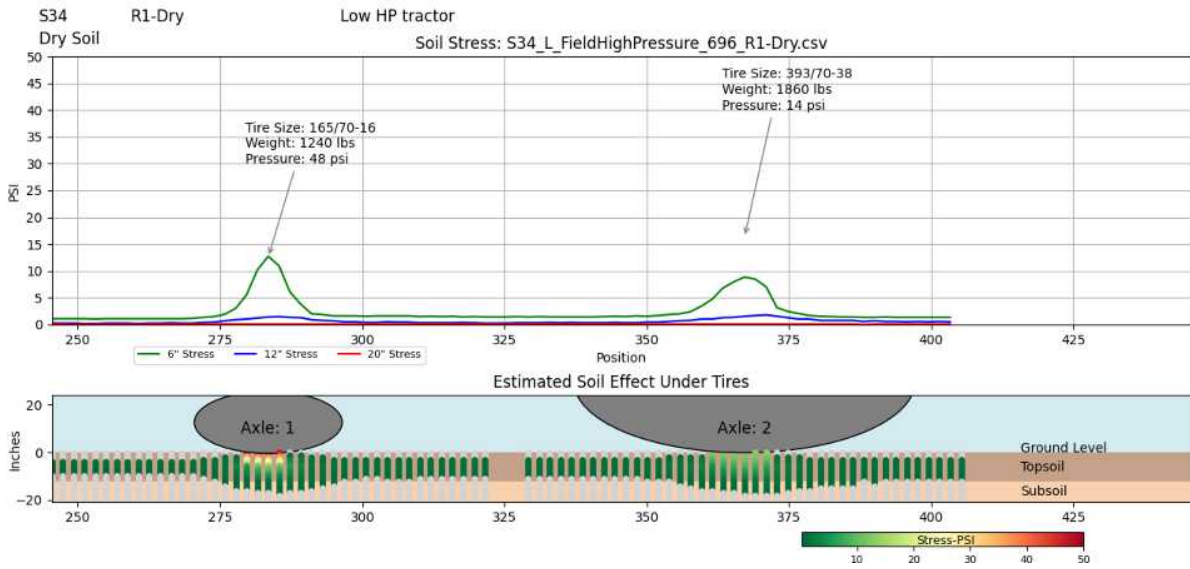


1860 lbs
14 psi

SAT11
Firestone
393/70-38

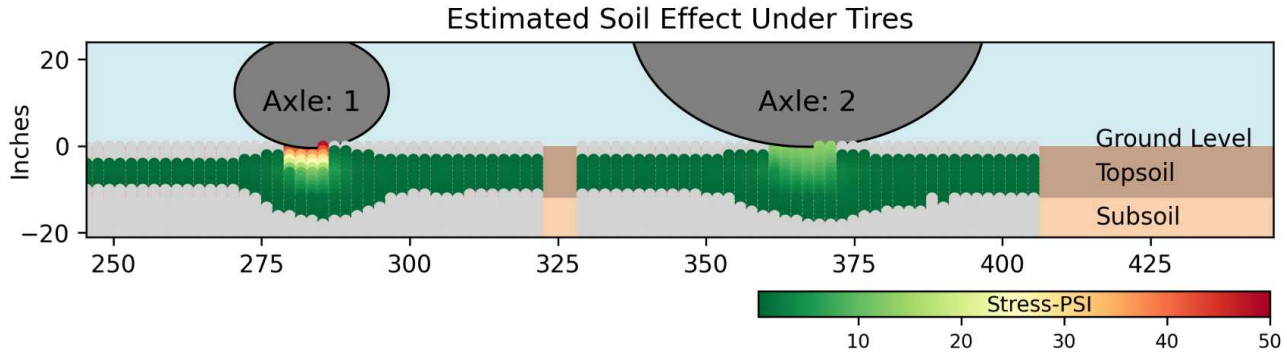
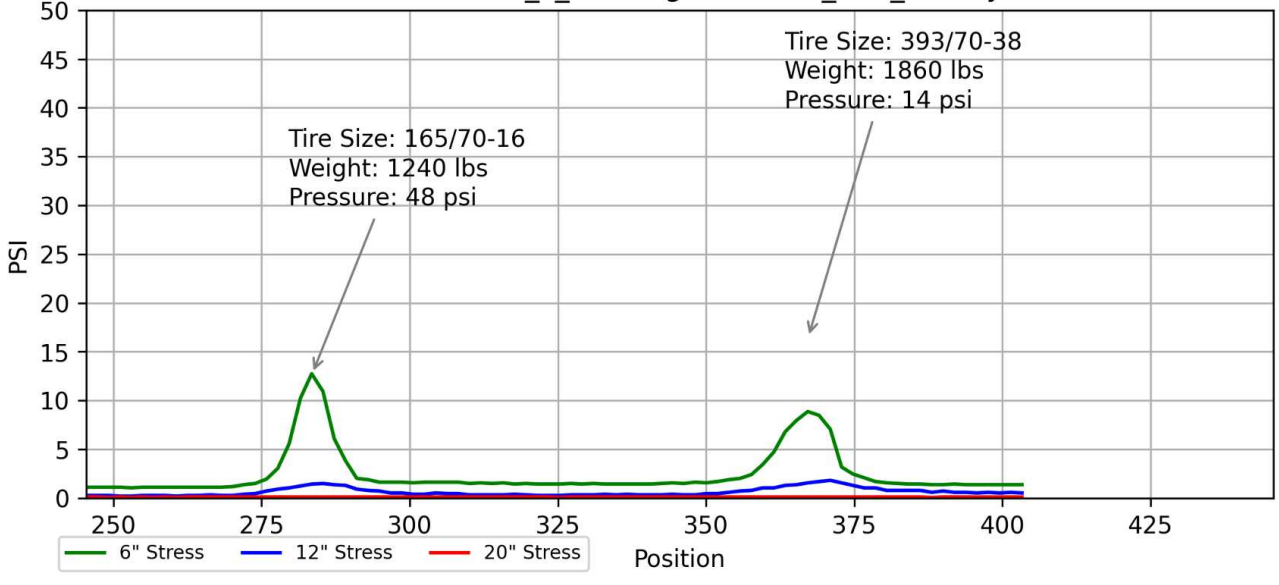


1880 lbs
14 psi



S34 R1-Dry
Dry Soil

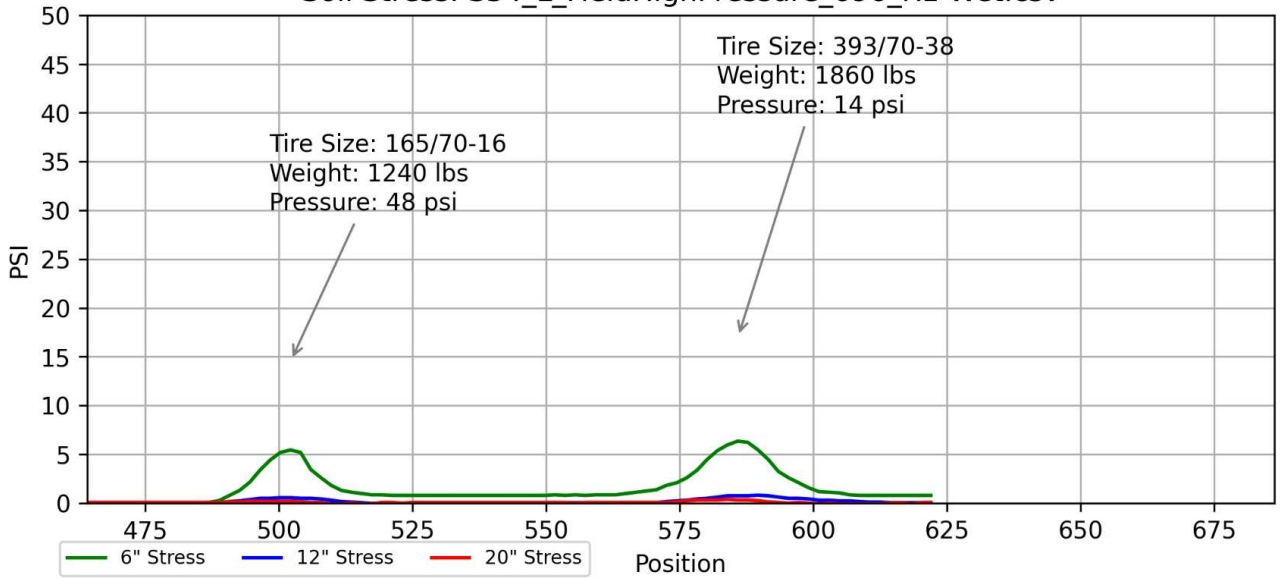
Low HP tractor
Soil Stress: S34_L_FieldHighPressure_696_R1-Dry.csv



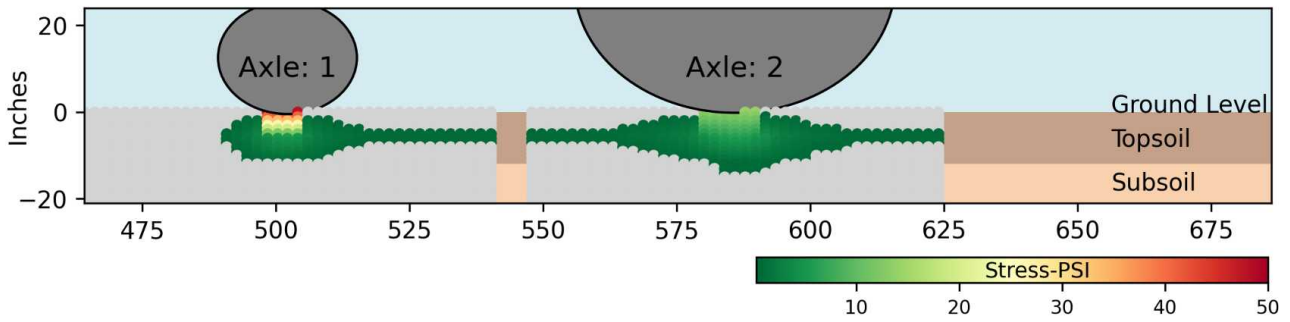
S34 R1-Wet Low HP tractor

Wet Soil

Soil Stress: S34_L_FieldHighPressure_696_R1-Wet.csv



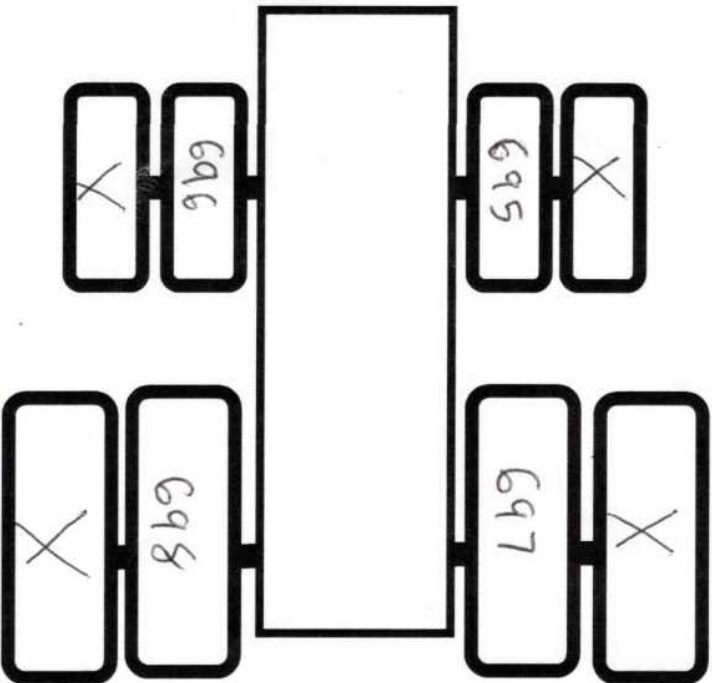
Estimated Soil Effect Under Tires



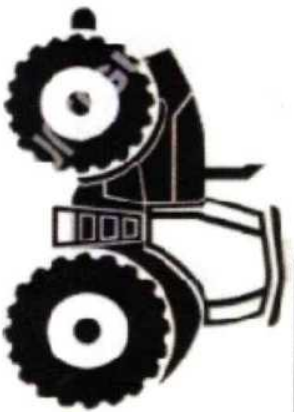
Exh#:	S34	ExhNote:		Field/Road psi, Lft/Rgt tires, rwy/Lgt wt
ExhName:		OwnerName:	Emery Huszka	Phone#:
EquipType:	Row Crop Tractor	Make:	MF	Model:
				255

INFO	Inside	Outside
Tire/Trk Make:	Stam1	
Tire Model:	ANPG	
Tire Type:	SZFYW	
Tire Size:	G.50-16	
Trd Wth (cm)	14	
Tyr Dist Ctr(cm)	76	
Tire Wt (lbs):	1200	
Road PSI:	48	
Field PSI:		
Arrival PSI	30	

Axle Distance (cm)							
1	2	3	4	5	6	7	8
0	212						



INFO	Inside	Outside
Tire/Trk Make:	Stam1	
Tire Model:	ANPG	
Tire Type:		
Tire Size:	G.50-16	
Trd Wth (cm)	14	
Tyr Dist Ctr(cm)	76	
Tire Wt (lbs):	1240	
Road PSI:	48	
Field PSI:		
Arrival PSI	43	



INFO	Inside	Outside
Tire/Trk Make:	FirrisStone	
Tire Model:	SAT11	
Tire Type:		
Tire Size:	15.5-38	
Trd Wth (cm)	35	
Tyr Dist Ctr(cm)	155/2	
Tire Wt (lbs):	1880	
Road PSI:	14	
Field PSI:		
Arrival PSI	18	

INFO	Inside	Outside
Tire/Trk Make:	FirrisStone	
Tire Model:	SAT 11	
Tire Type:		
Tire Size:		
Trd Wth (cm)	35	
Tyr Dist Ctr(cm)	155/2	
Tire Wt (lbs):	1860	
Road PSI:	14	
Field PSI:		
Arrival PSI	26	

Row Crop Tractor - Wheeled

CTIS: Yes / No?

Exh#:	S34	ExhNote:		Field/Road psi, Lft/Rgt tires, Hvy/Lgt wt
ExhName:		OwnerName:	Emery Haska	Phone#:
EquipType:	Utility Tractor		Make:	MF
			Model:	255

INFO	Inside	Outside
Tire/Trk Make:	Stomil	
Tire Model:	ANPG	
Tire Type:	Bias	
Tire Size:	6.50-16	
Trd Wth (cm)	14	
Tyr Dist Ctr(cm)	76	
Tire Wt (lbs):	1200	
Road PSI:	48	
Field PSI:		
Arrival PSI	30	

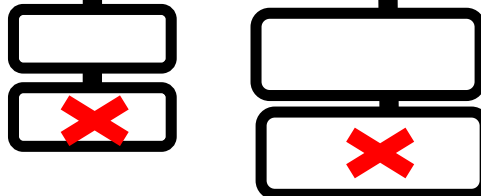
Axle Distance (cm)							
1	2	3	4	5	6	7	8
0	212						

INFO	Inside	Outside
Tire/Trk Make:	Firestone	
Tire Model:	SAT11	
Tire Type:	Bias	
Tire Size:	15.5-38	
Trd Wth (cm)	35	
Tyr Dist Ctr(cm)	77.5	
Tire Wt (lbs):	1880	
Road PSI:	14	
Field PSI:		
Arrival PSI	18	



6,180 lbs = 2.8T

INFO	Inside	Outside
Tire/Trk Make:	Stomil	
Tire Model:	ANPG	
Tire Type:	Bias	
Tire Size:	6.50-16	
Trd Wth (cm)	14	
Tyr Dist Ctr(cm)	76	
Tire Wt (lbs):	1240	
Road PSI:	48	
Field PSI:		
Arrival PSI	43	



INFO	Inside	Outside
Tire/Trk Make:	Firestone	
Tire Model:	SAT11	
Tire Type:	Bias	
Tire Size:		
Trd Wth (cm)	35	
Tyr Dist Ctr(cm)	77.5	
Tire Wt (lbs):	1860	
Road PSI:	14	
Field PSI:		
Arrival PSI	20	

Row Crop Tractor - Wheeled

CTIS: Yes / No?

S35 - Fendt 1042 Vario Singled RC Tractor CTIS + Tomato Harvest Wagon

Compaction Event Report: St. Clair (S35)

S35

Fendt 1042 Vario Singled RC Tractor CTIS + Tomato Harvest Wagon



Aug 5,6,7, 2025
Rutherford, Ontario









S35_FieldHighPressure Tire Layout - Overhead View

Left Side

Right Side

Axle #: 1, Total Weight: 14300 lbs
Axle #: 2, Total Weight: 23380 lbs
Total Weight: 37680 lbs



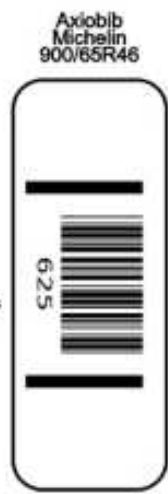
7120 lbs
26 psi



7180 lbs
26 psi



11680 lbs
26 psi



11700 lbs
26 psi



S35_FieldLowPressure Tire Layout - Overhead View

Left Side

Right Side

Axle #: 1, Total Weight: 14300 lbs
Axle #: 2, Total Weight: 23380 lbs
Total Weight: 37680 lbs



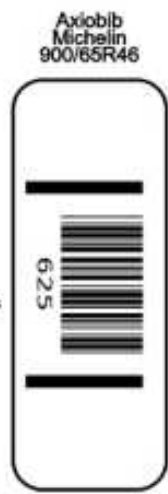
7120 lbs
8 psi



7180 lbs
8 psi



11680 lbs
8 psi

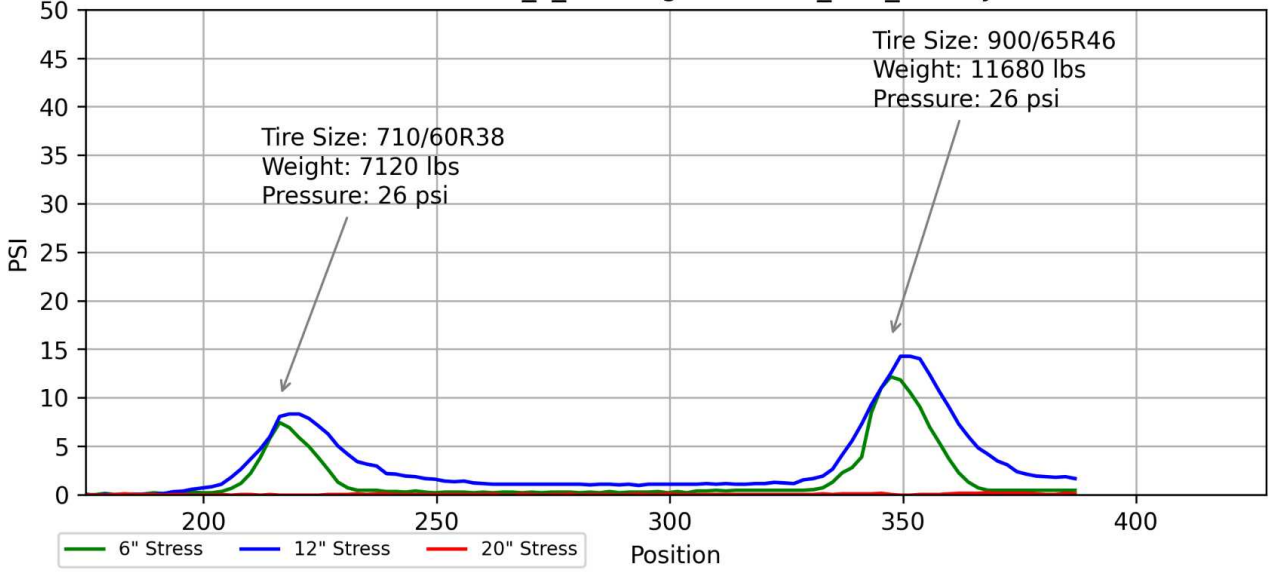


11700 lbs
8 psi

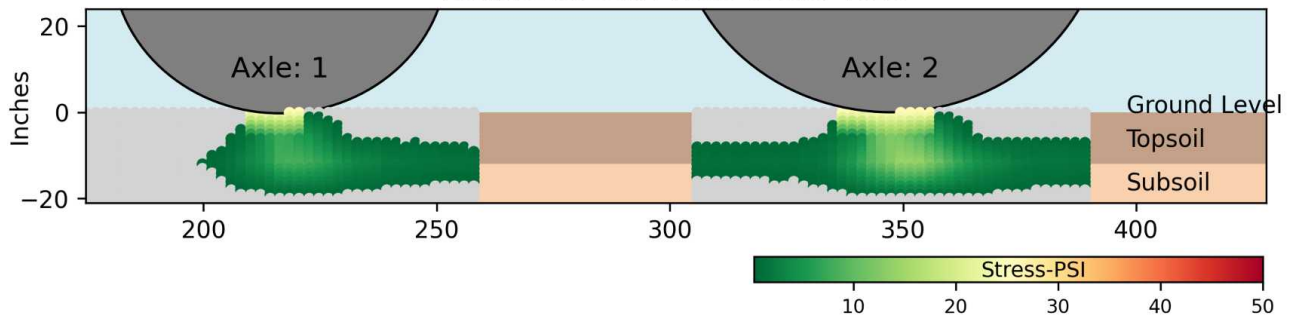
S35 R1-Dry Fendt Tractor

Dry Soil

Soil Stress: S35_L_FieldHighPressure_624_R1-Dry.csv



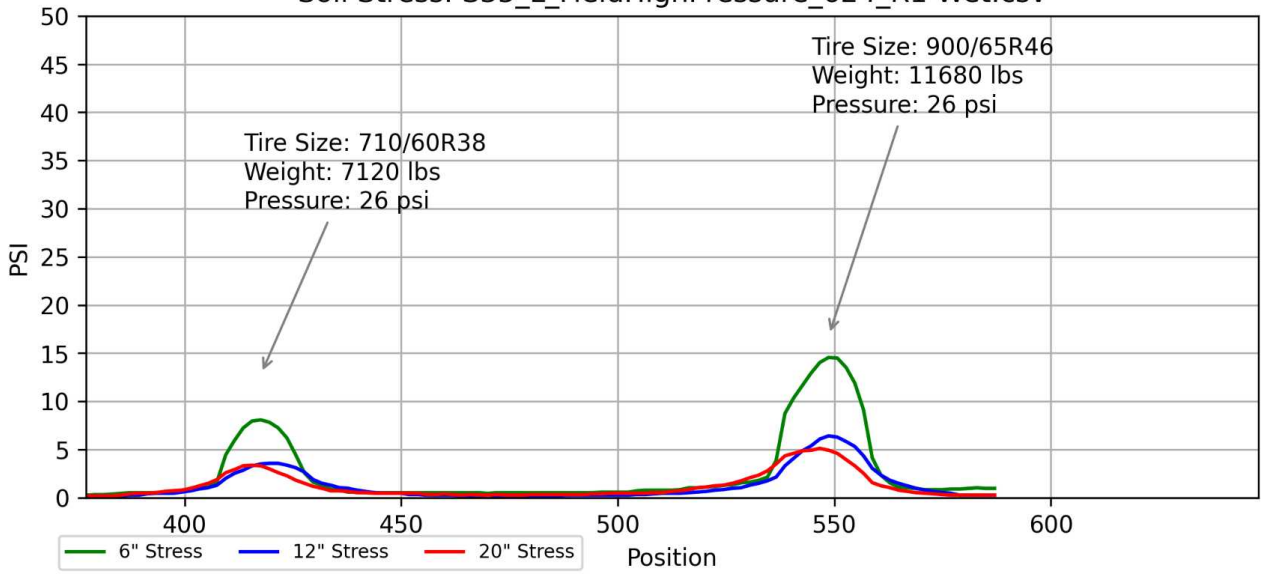
Estimated Soil Effect Under Tires



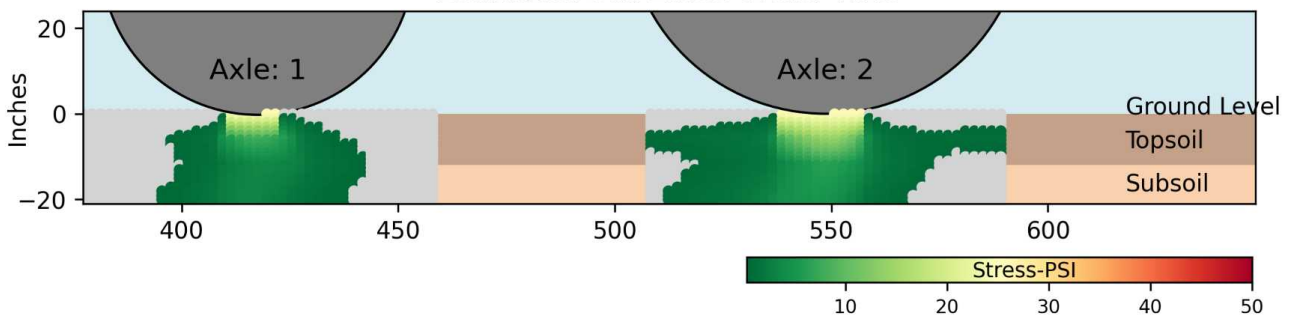
S35 R1-Wet Fendt Tractor

Wet Soil

Soil Stress: S35_L_FieldHighPressure_624_R1-Wet.csv



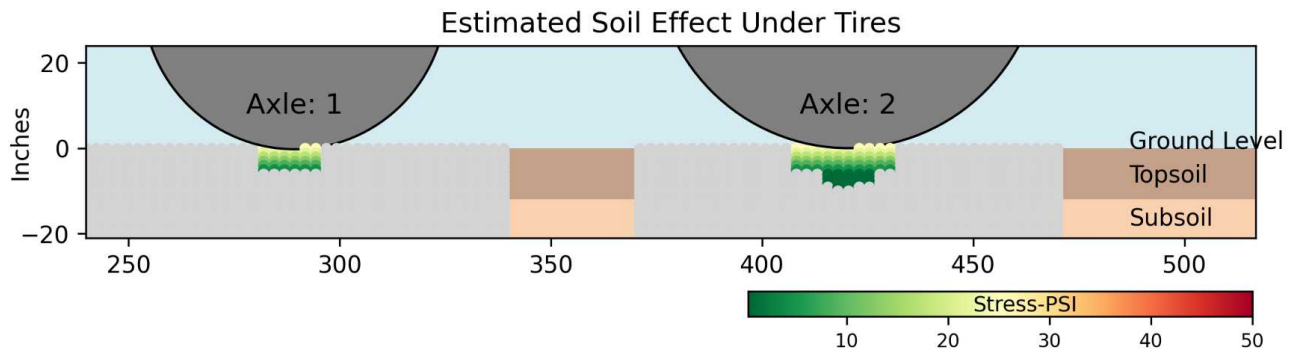
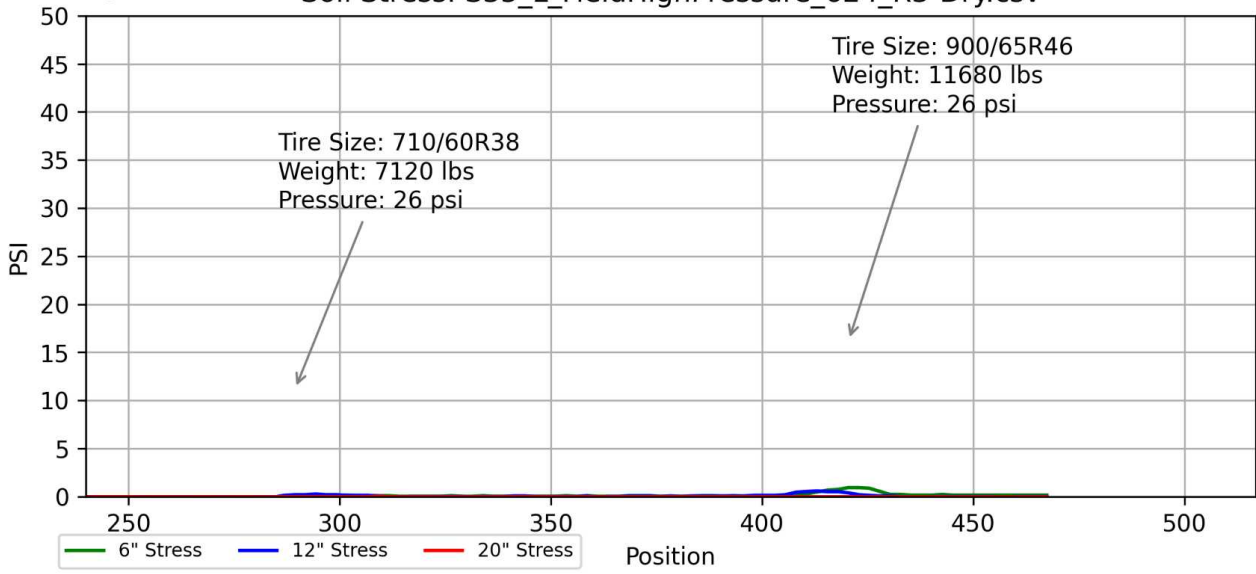
Estimated Soil Effect Under Tires



S35 R3-Dry Fendt Tractor

Dry Soil

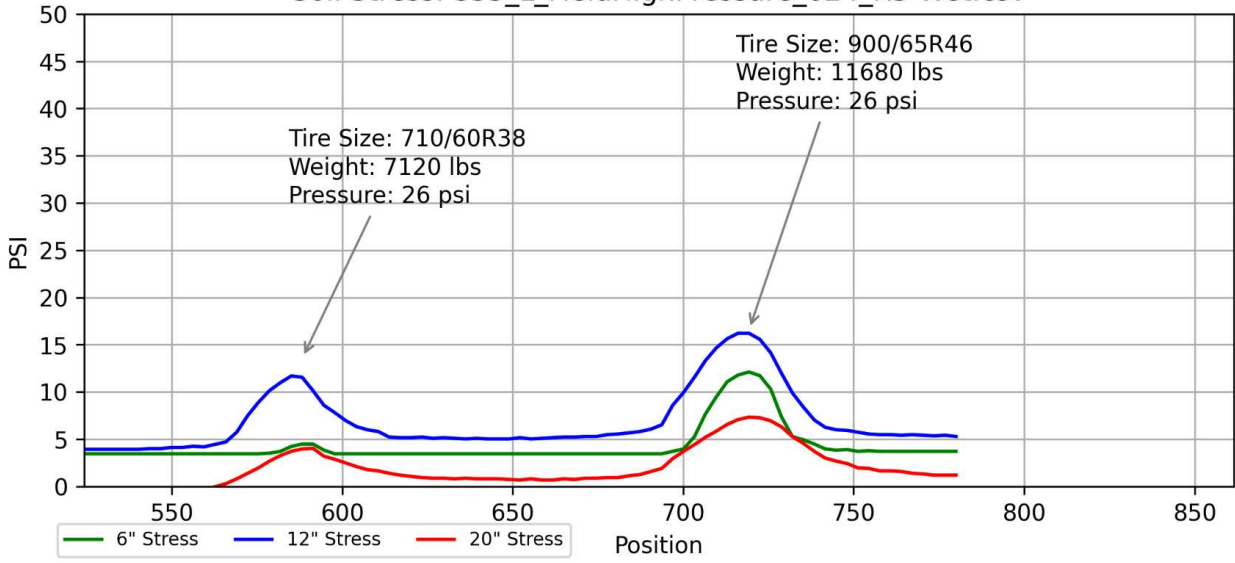
Soil Stress: S35_L_FieldHighPressure_624_R3-Dry.csv



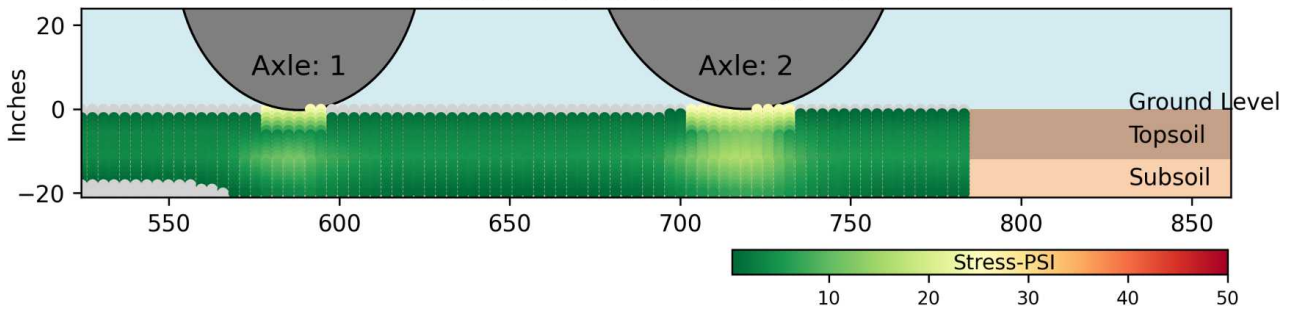
S35 R3-Wet Fendt Tractor

Wet Soil

Soil Stress: S35_L_FieldHighPressure_624_R3-Wet.csv



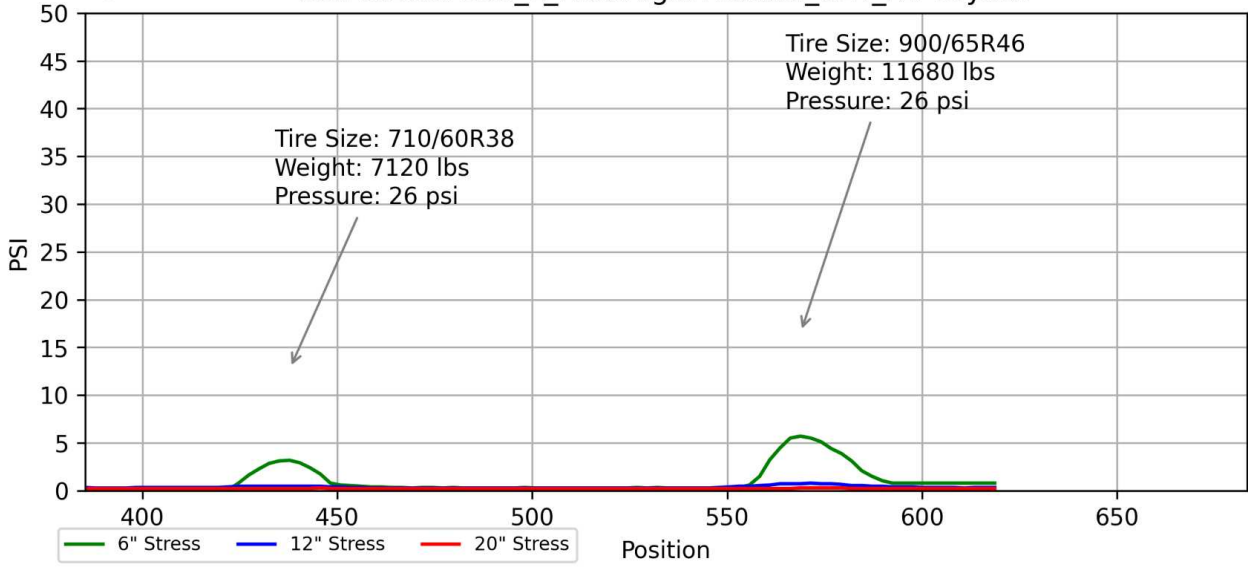
Estimated Soil Effect Under Tires



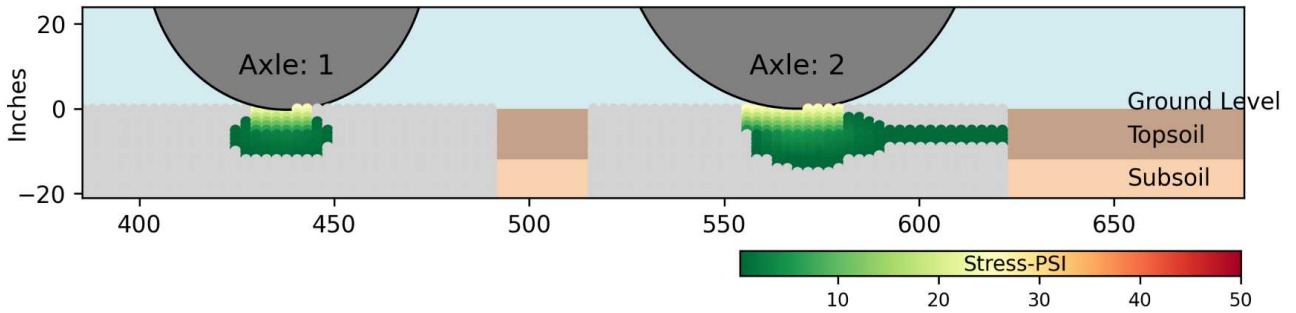
S35 R4-Dry Fendt Tractor

Dry Soil

Soil Stress: S35_L_FieldHighPressure_624_R4-Dry.csv



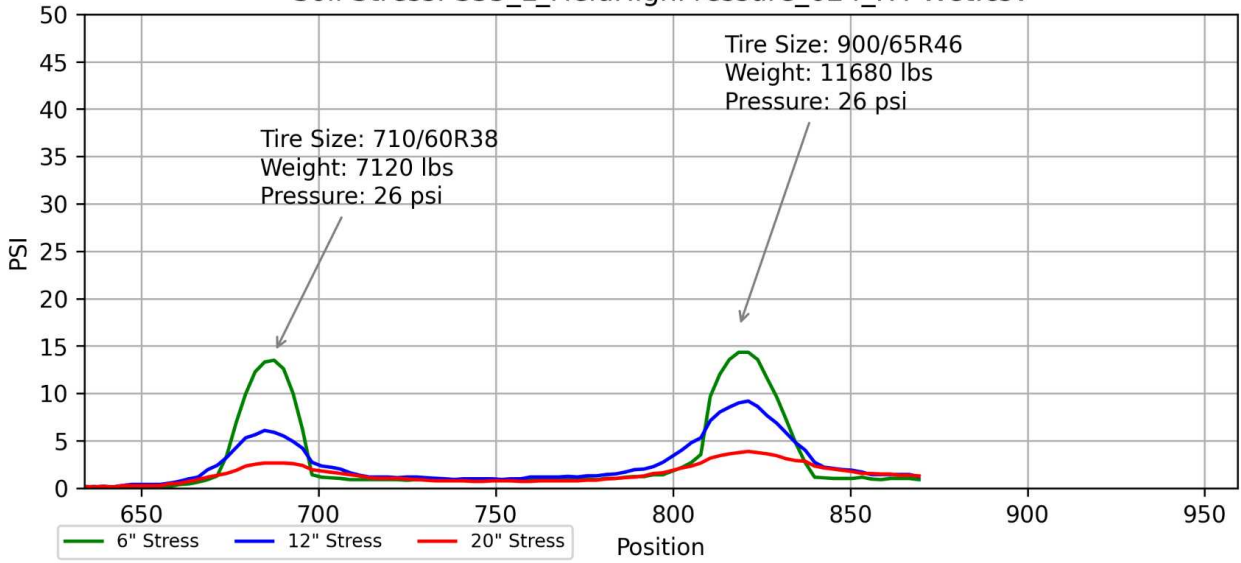
Estimated Soil Effect Under Tires



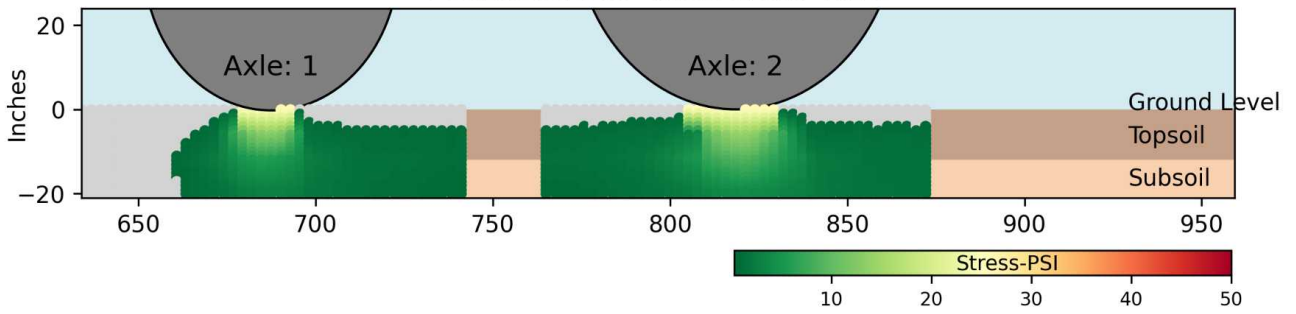
S35 R4-Wet Fendt Tractor

Wet Soil

Soil Stress: S35_L_FieldHighPressure_624_R4-Wet.csv



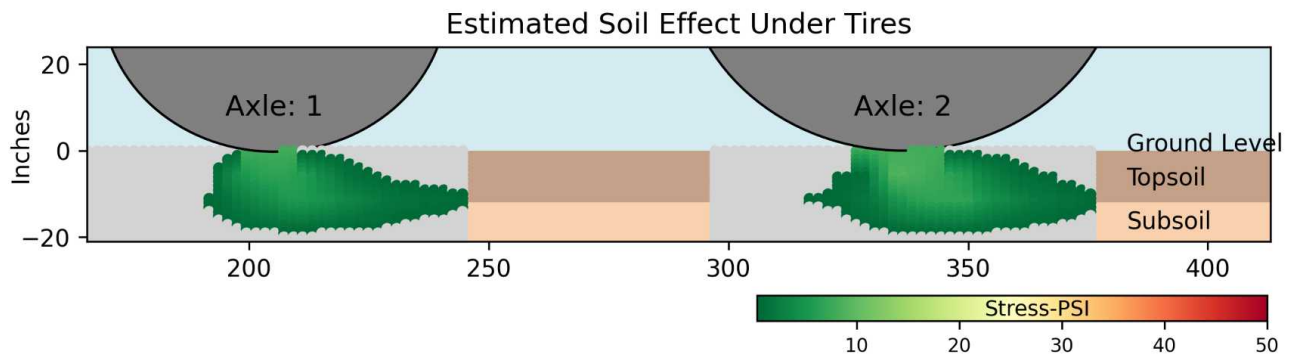
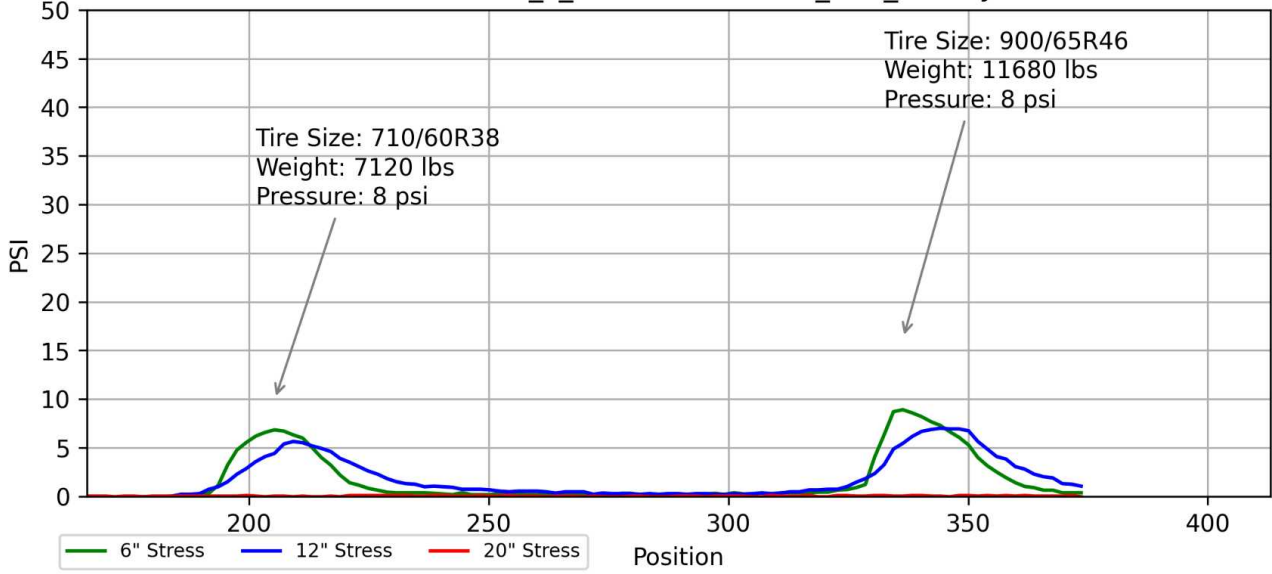
Estimated Soil Effect Under Tires



S35 R1-Dry Fendt Tractor

Dry Soil

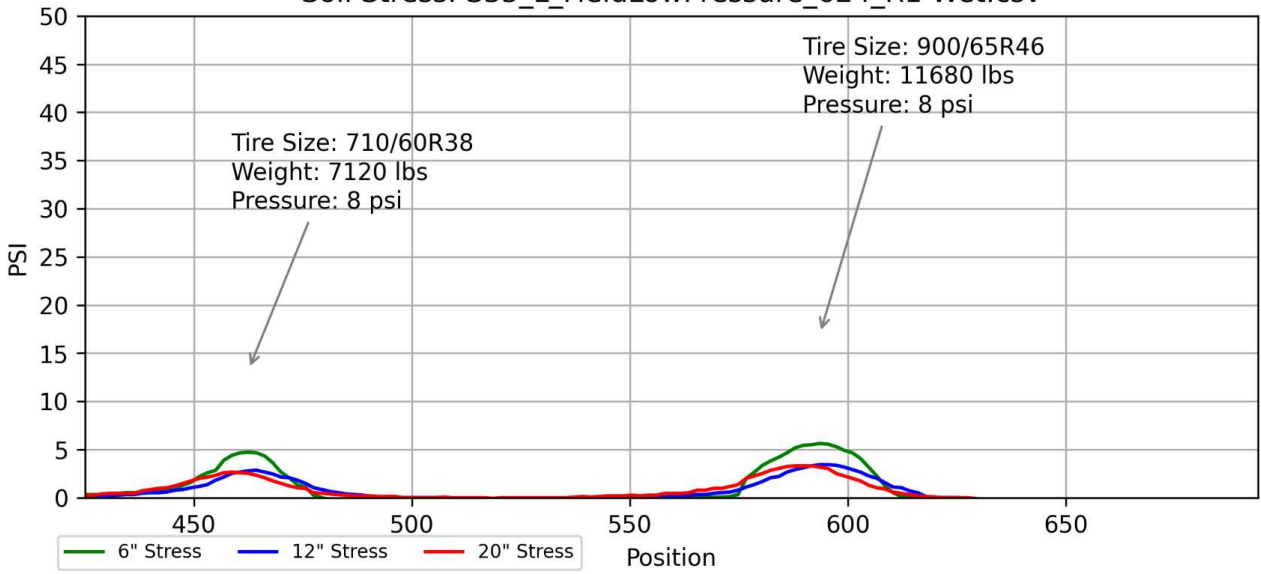
Soil Stress: S35_L_FieldLowPressure_624_R1-Dry.csv



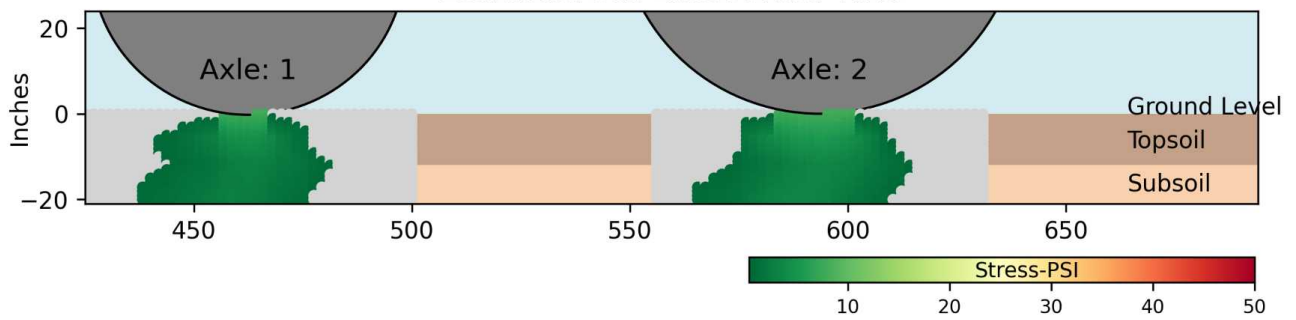
S35 R1-Wet Fendt Tractor

Wet Soil

Soil Stress: S35_L_FieldLowPressure_624_R1-Wet.csv

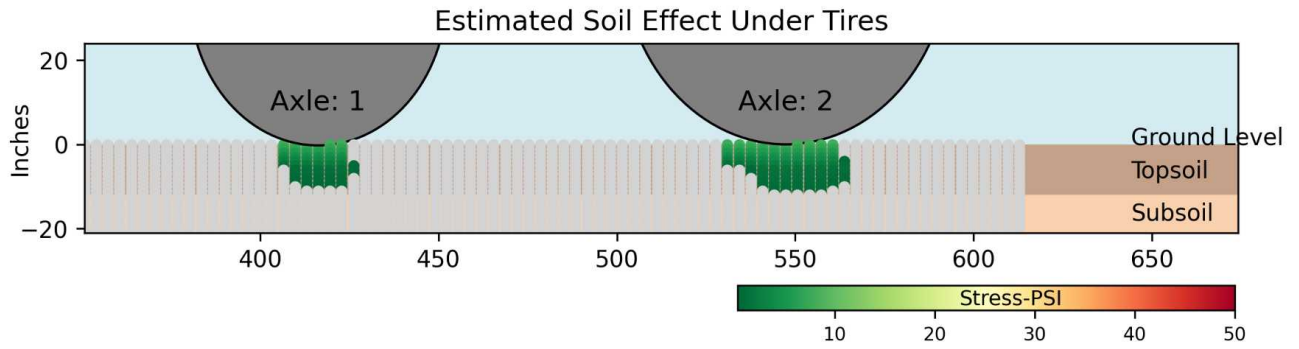
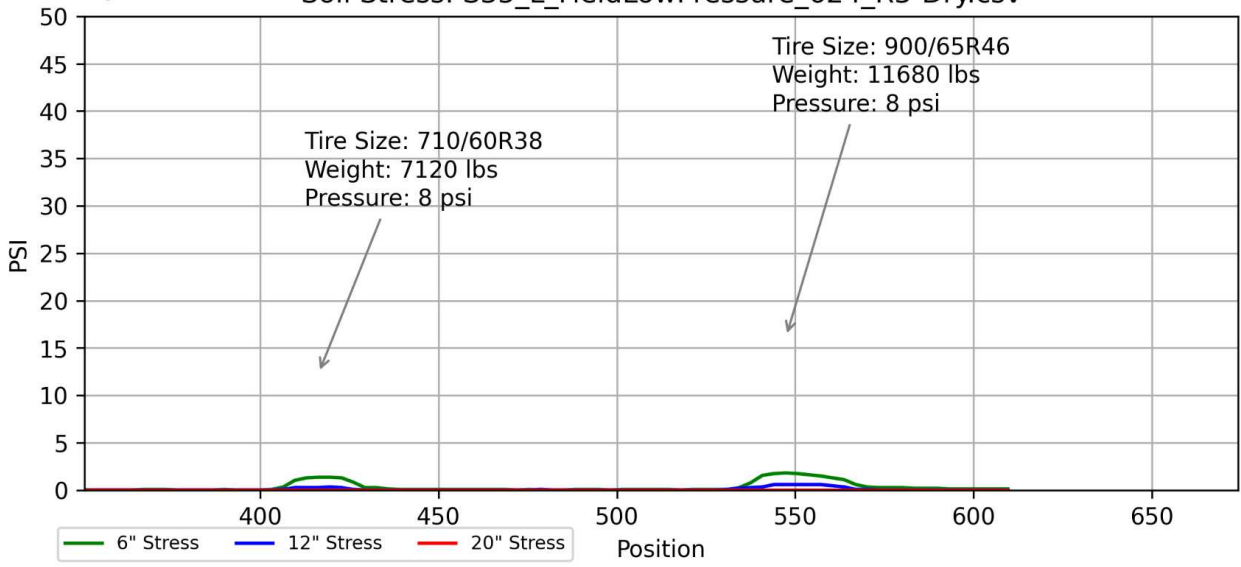


Estimated Soil Effect Under Tires



S35 R3-Dry
Dry Soil

Fendt Tractor
Soil Stress: S35_L_FieldLowPressure_624_R3-Dry.csv

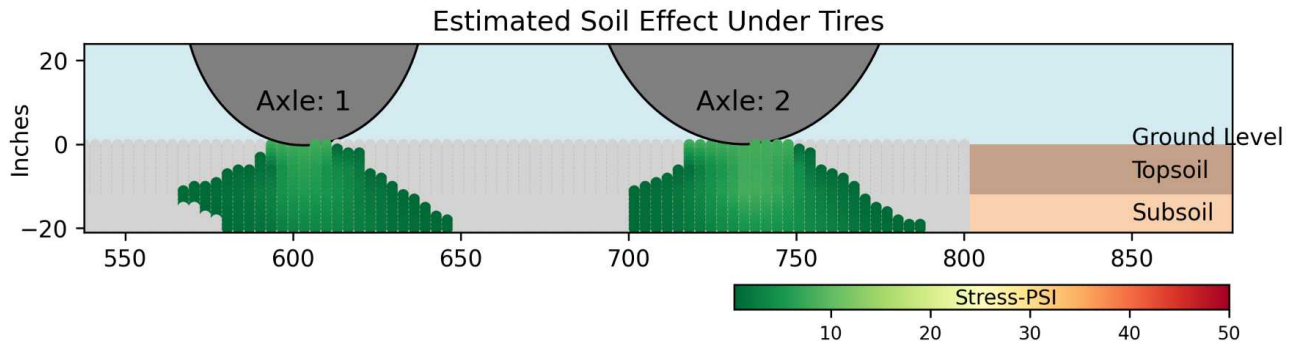
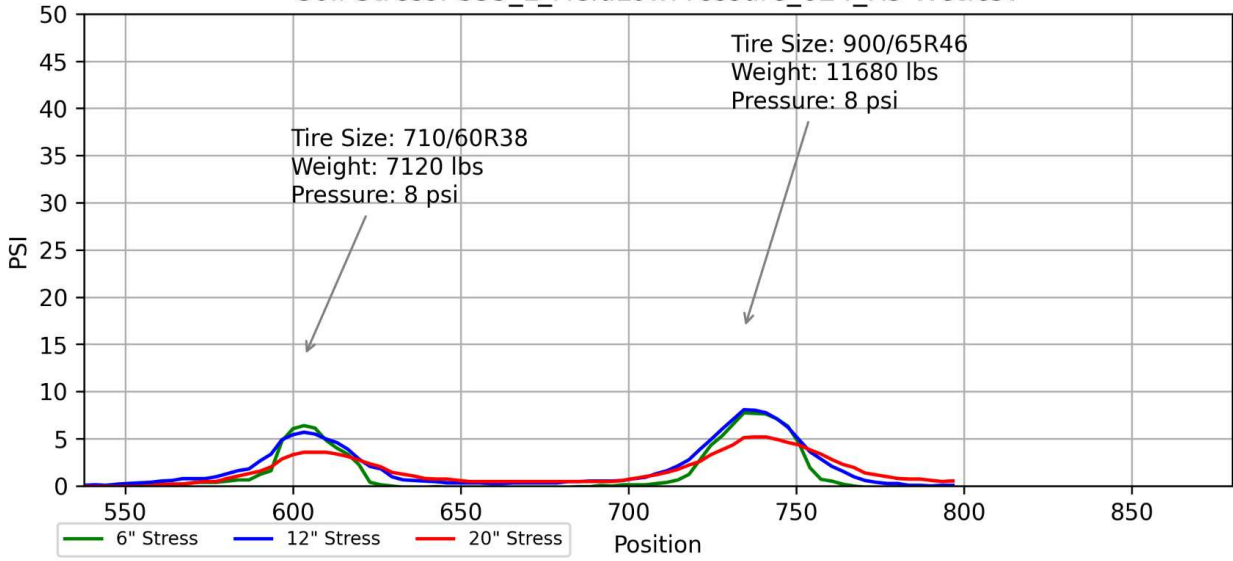


S35 R3-Wet

Fendt Tractor

Wet Soil

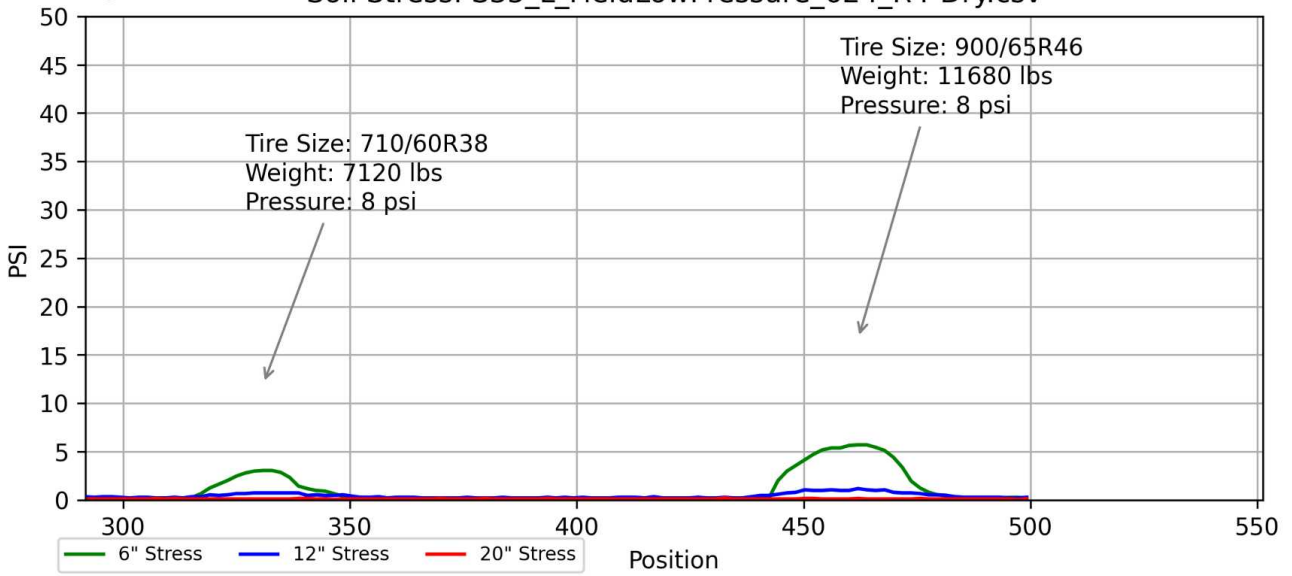
Soil Stress: S35_L_FieldLowPressure_624_R3-Wet.csv



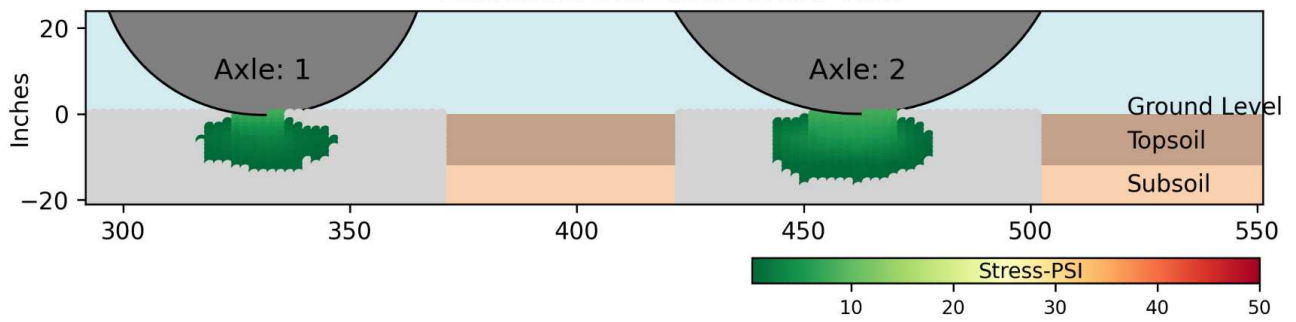
S35 R4-Dry Fendt Tractor

Dry Soil

Soil Stress: S35_L_FieldLowPressure_624_R4-Dry.csv



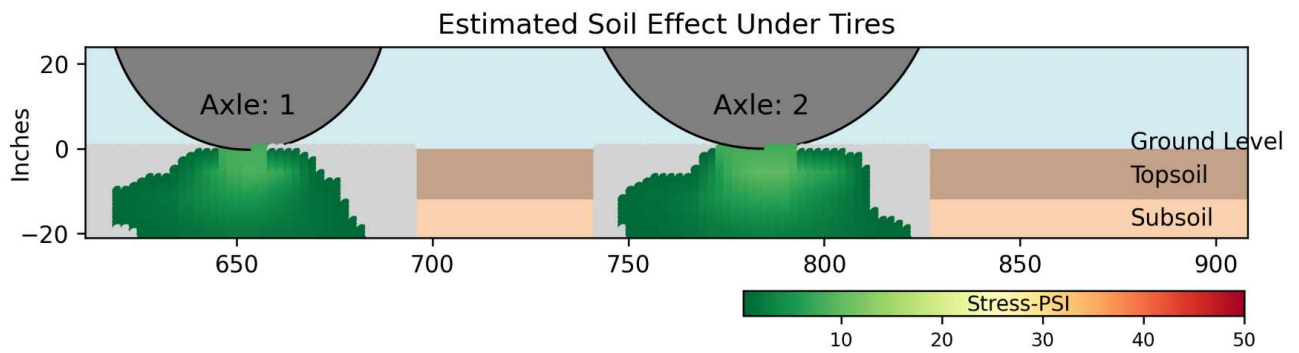
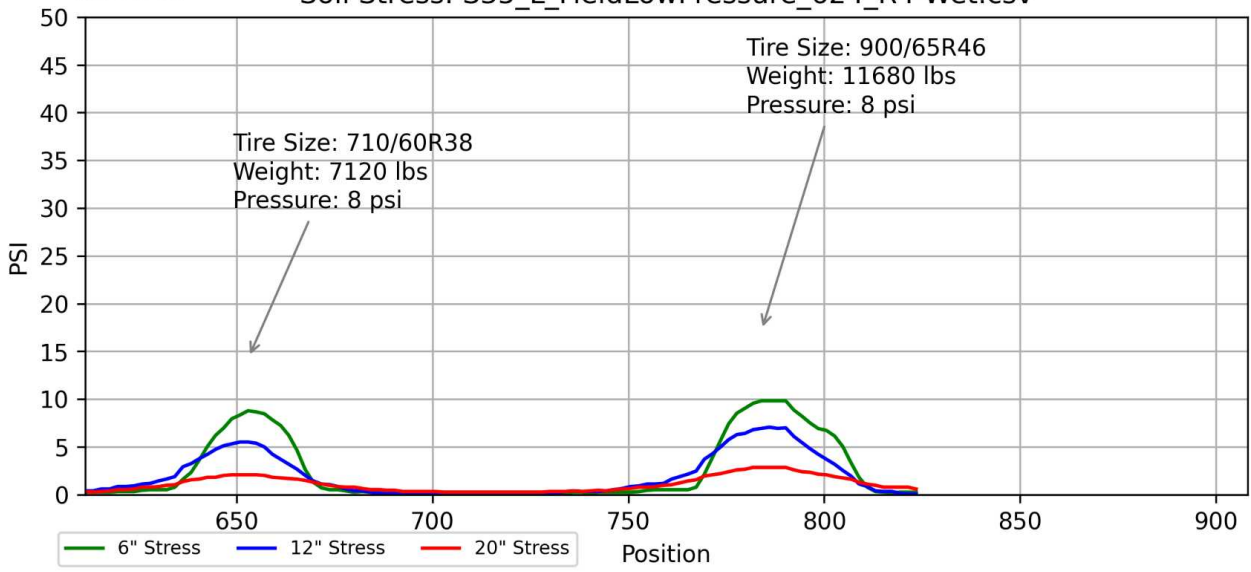
Estimated Soil Effect Under Tires



S35 R4-Wet Fendt Tractor

Wet Soil

Soil Stress: S35_L_FieldLowPressure_624_R4-Wet.csv



Exh#:	535	ExhNote:		Field/Road psi, Lft/Rgt tires, rvy/Lgt wt
ExhName:		OwnerName:	Advantage	Phone#:
EquipType:	Row Crop Tractor	Make:	Fendt	Model:
				1042 Uario

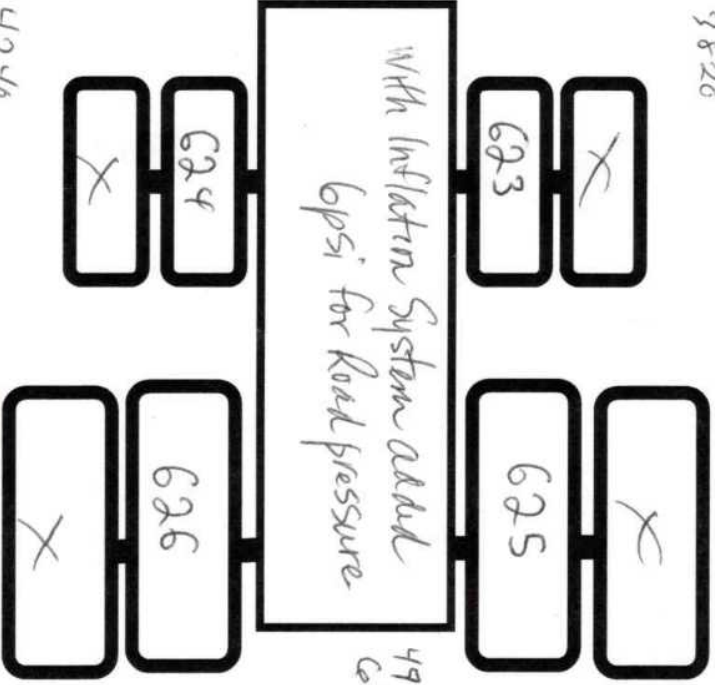
INFO	Inside	Outside
Tire/Trk Make:	Teckberg	
Tire Model:	TH1000	
Tire Type:	1F	
Tire Size:	710/60R 38	
Trd Wth (cm)	72	
Tyr Dist Ctr(cm)	2112	
Tire Wt (lbs):	640 7180	
Road PSI:	15.46 = 12	
Field PSI:	12	
Arrival PSI	10	

Axle Distance (cm)							
1	2	3	4	5	6	7	8
0	332						

INFO	Inside	Outside
Tire/Trk Make:	Michelin	
Tire Model:	AX10B13	
Tire Type:	AX10B13 TF	
Tire Size:	900/65R 46	
Trd Wth (cm)	87	
Tyr Dist Ctr(cm)	22212	
Tire Wt (lbs):	11700 11700	
Road PSI:	13.46	19
Field PSI:	12	
Arrival PSI	16	



INFO	Inside	Outside
Tire/Trk Make:	Teckberg	
Tire Model:	TH1000	
Tire Type:	1F	
Tire Size:	710/60R 38	
Trd Wth (cm)	72	
Tyr Dist Ctr(cm)	2112	
Tire Wt (lbs):	7120	
Road PSI:	15.46 = 12	
Field PSI:	12	
Arrival PSI	9	



INFO	Inside	Outside
Tire/Trk Make:	Michelin	
Tire Model:	AX10B13	
Tire Type:	TF	
Tire Size:	900/65R 46	
Trd Wth (cm)	87	
Tyr Dist Ctr(cm)	22212	
Tire Wt (lbs):	11,680	
Road PSI:	13.46 = 11.9	
Field PSI:	12	
Arrival PSI	15	

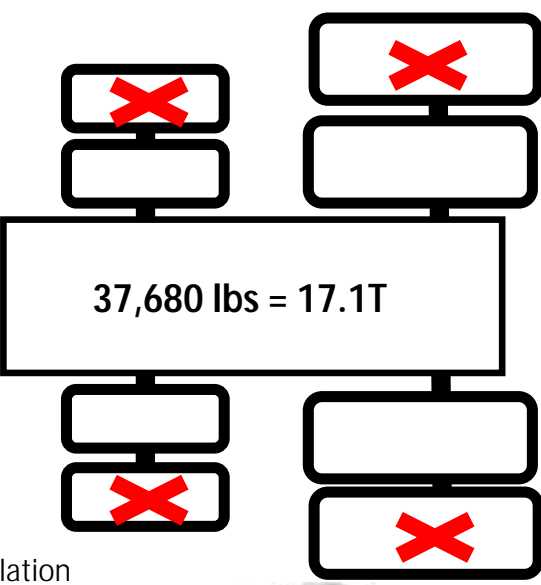
CTIS: Yes / No?

Exh#:	S35	ExhNote:		Field/Road psi, Lft/Rgt tires, Hvy/Lgt wt
ExhName:		OwnerName:	Advantage	Phone#:
EquipType:	Row Crop Tractor	Make:	Fendt	Model:
				1042 Vario

INFO	Inside	Outside
Tire/Trk Make:	Trelleborg	
Tire Model:	TM1000	
Tire Type:	IF	
Tire Size:	710/60R38	
Trd Wth (cm)	72	
Tyr Dist Ctr(cm)	105.5	
Tire Wt (lbs):	7180	
Road PSI:	21	
Field PSI:	12	
Arrival PSI	10	

Axle Distance (cm)							
1	2	3	4	5	6	7	8
0	332						

INFO	Inside	Outside
Tire/Trk Make:	Michelin	
Tire Model:	AXIOBIB	
Tire Type:	IF	
Tire Size:	900/65R46	
Trd Wth (cm)	87	
Tyr Dist Ctr(cm)	111	
Tire Wt (lbs):	11700	
Road PSI:	19	
Field PSI:	12	
Arrival PSI	16	



INFO	Inside	Outside
Tire/Trk Make:		
Tire Model:		
Tire Type:		
Tire Size:		
Trd Wth (cm)		
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	7120	
Road PSI:	21	
Field PSI:	12	
Arrival PSI	9	

With inflation system, added 6psi for road pressure



INFO	Inside	Outside
Tire/Trk Make:		
Tire Model:		
Tire Type:		
Tire Size:		
Trd Wth (cm)		
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	11680	
Road PSI:	19	
Field PSI:	12	
Arrival PSI	9	

Row Crop Tractor - Wheeled

CTIS: Yes / No?

S39 - JD 6420 RC Singled Tractor + SD 008 Side Dress Liquid Fertilizer Applicator

Compaction Event Report: St. Clair (S39)

S39

JD 6420 RC Singled Tractor + SD 008 Side Dress Liquid Fertilizer Applicator



Aug 5,6,7, 2025
Rutherford, Ontario









**S39_FieldHighPressure
Tire Layout - Overhead View**

Left Side

Right Side

Axle #: 1, Total Weight: 4680 lbs
 Axle #: 2, Total Weight: 8960 lbs
 Axle #: 3, Total Weight: 13320 lbs
 Total Weight: 26960 lbs

Agribib
Michelin
345/70R28



2260 lbs
12 psi

Agribib
Michelin
345/70R28



2420 lbs
12 psi

Traction 83
Firestone
419/70R38



4760 lbs
16 psi

Traction 83
Firestone
419/70R38



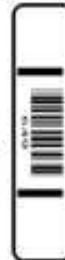
4220 lbs
19 psi

TRI35
BKT
345/70-38



6620 lbs
30 psi

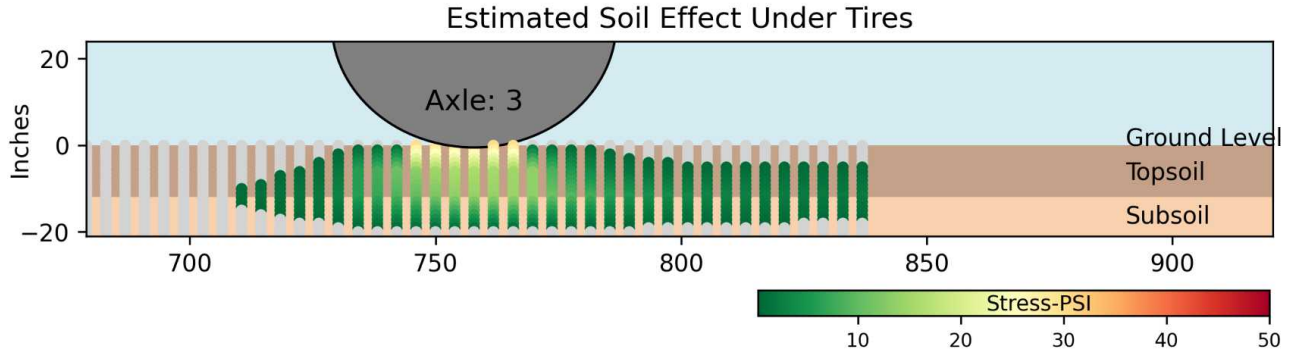
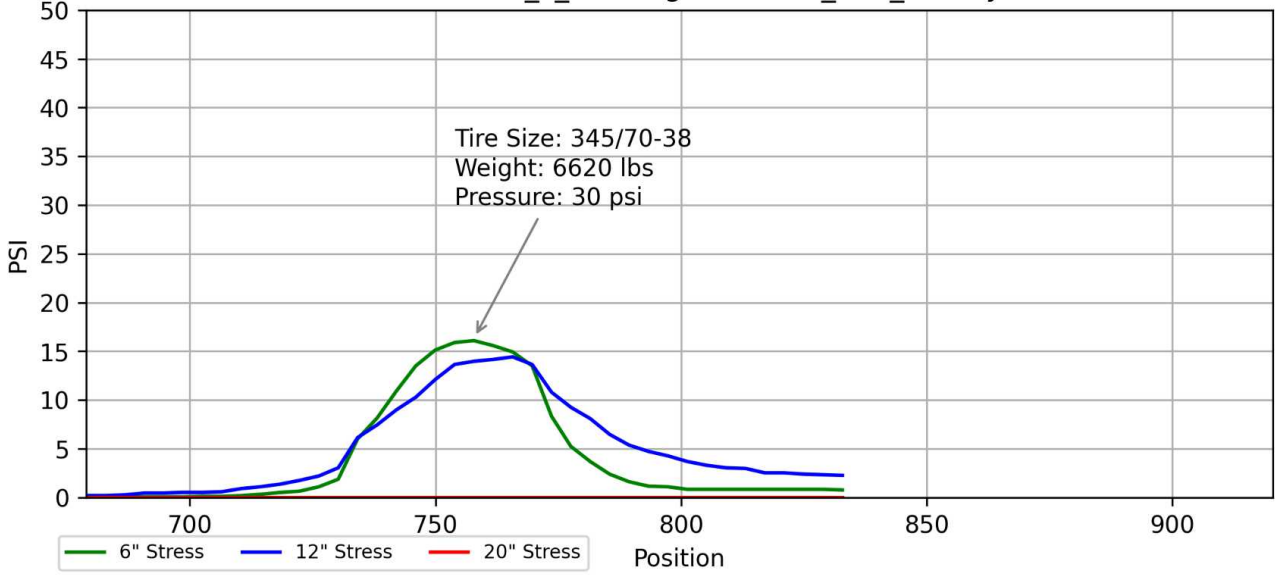
TRI35
BKT
345/70-38



6700 lbs
30 psi

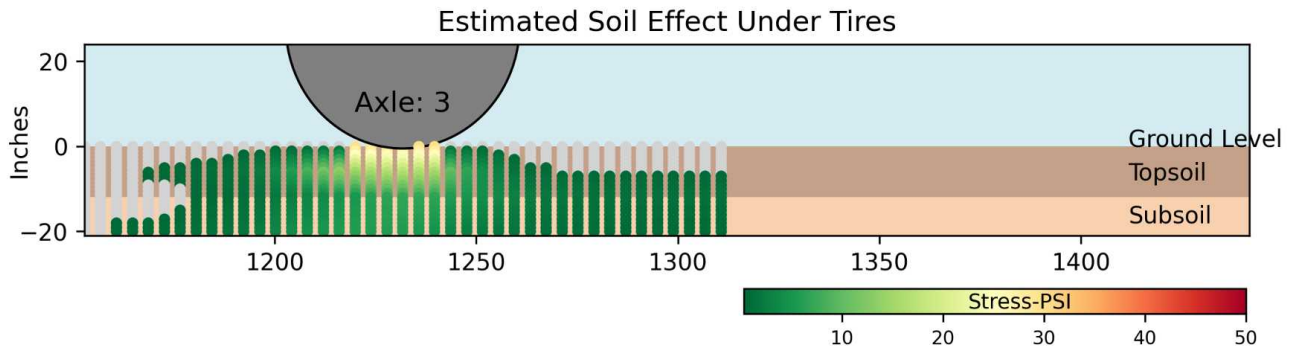
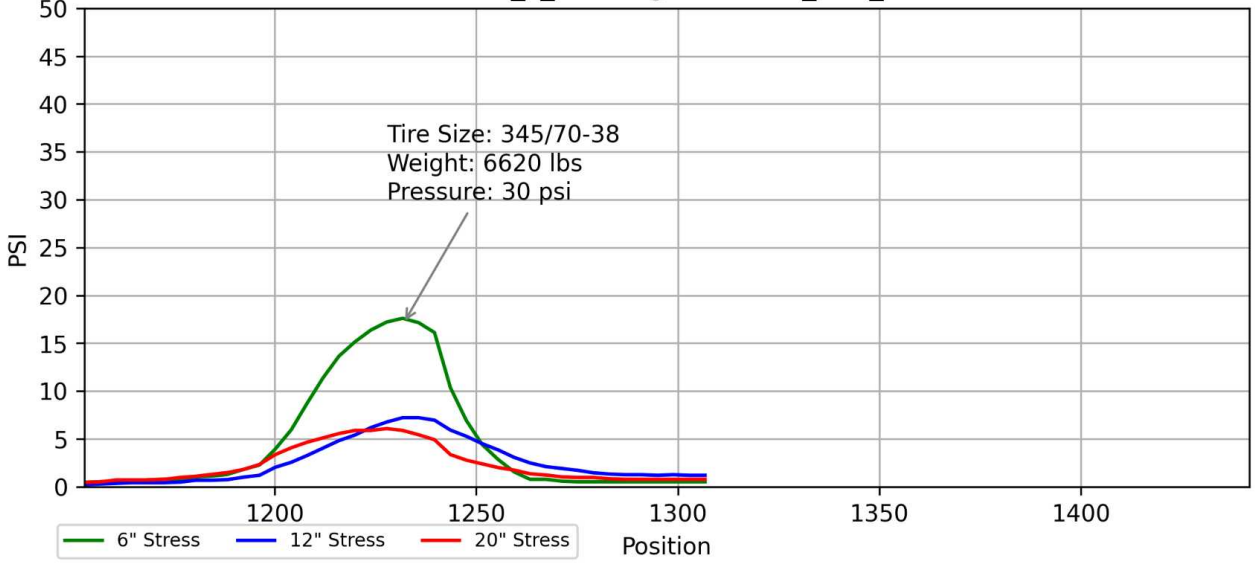
S39 R1-Dry
Dry Soil

John Deere Tractor and PT Sprayer
Soil Stress: S39_L_FieldHighPressure_650_R1-Dry.csv



S39 R1-Wet
Wet Soil

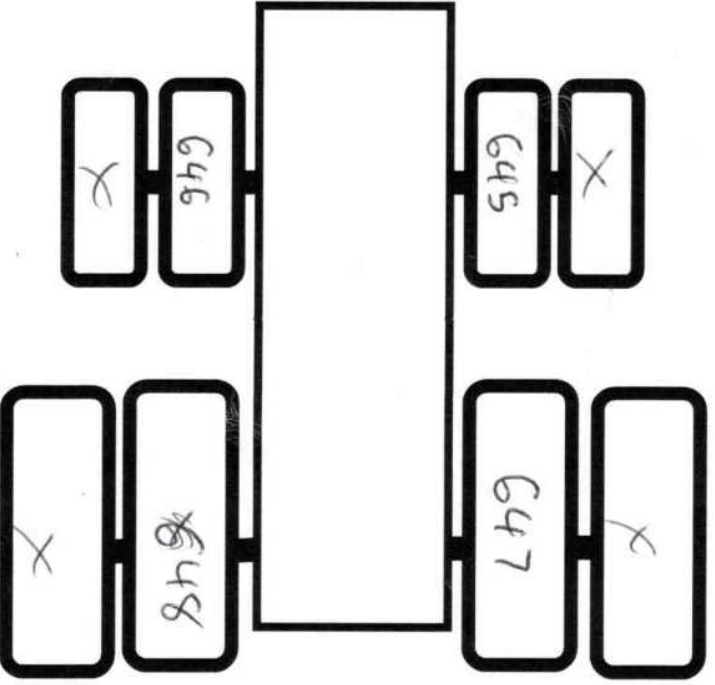
John Deere Tractor and PT Sprayer
Soil Stress: S39_L_FieldHighPressure_650_R1-Wet.csv



Exh#:	S39A	ExhNote:		Field/Road psi, Lft/Rgt tires, hwy/Lgt wt
ExhName:		OwnerName:		Phone#:
EquipType:	Tractor	Make:	JD	Model:
				G420

Axle Distance (cm)							
1	2	3	4	5	6	7	8
0	243	710					

INFO	Inside	Outside
Tire/Trk Make:	Michelin	
Tire Model:	Agribib	
Tire Type:		
Tire Size:	13.6R28	
Trd Wth (cm)	33	
Tyr Dist Ctr(cm)	155/2	
Tire Wt (lbs):	2420	
Road PSI:	12	
Field PSI:	7	
Arrival PSI	14	



INFO	Inside	Outside
Tire/Trk Make:	Firestone	
Tire Model:	Radial Traction 83	
Tire Type:		
Tire Size:	16.9R308	
Trd Wth (cm)	33 1/2	
Tyr Dist Ctr(cm)	155/2	
Tire Wt (lbs):	4220	
Road PSI:	16	
Field PSI:	9	
Arrival PSI	18	

INFO	Inside	Outside
Tire/Trk Make:	Agribib	Michelin
Tire Model:		
Tire Type:		
Tire Size:	13.6R28	
Trd Wth (cm)		
Tyr Dist Ctr(cm)	155/2	
Tire Wt (lbs):	2260	
Road PSI:	12	
Field PSI:	7	
Arrival PSI	14	

INFO	Inside	Outside
Tire/Trk Make:	Firestone	
Tire Model:	Radial Traction 83	
Tire Type:		
Tire Size:	16.9R308	
Trd Wth (cm)	46	
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	4760	
Road PSI:	16	
Field PSI:	9	
Arrival PSI	18	



Row Crop Tractor - Wheeled

CTIS: Yes / No?

Exh#:	539B	ExhNote:	
ExhName:		OwnerName:	
EquipType:	Side Dress Unit	Make:	
INFO	Inside	Outside	
Tire/Trk Make:	BKT		
Tire Model:	TR135		
Tire Type:			
Tire Size:	19.6-38		
Trd Wth (cm)	34		
Tyr Dist Ctr(cm)	300 151		
Tire Wt (lbs):	6700		
Road PSI:	26 30		
Field PSI:			
Arrival PSI	26		

OwnerName:	
Make:	

Axle Distance (cm)							
1	2	3	4	5	6	7	8
0							

360
6340
649
Tire

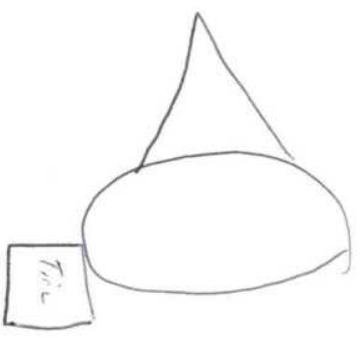
Field/Road psi, Lft/Rgt tires, hvy/Lgt wt		
Phone#:		
Model:	Can Grow SPOOR	
INFO	Inside	Outside
Tire/Trk Make:		
Tire Model:		
Tire Type:		
Tire Size:		
Trd Wth (cm)		
Tyr Dist Ctr(cm)		
Tire Wt (lbs):		
Road PSI:		
Field PSI:		
Arrival PSI		

229

INFO	Inside	Outside
Tire/Trk Make:		
Tire Model:		
Tire Type:		
Tire Size:		
Trd Wth (cm)	34	
Tyr Dist Ctr(cm)	151	
Tire Wt (lbs):	6620	
Road PSI:	30	
Field PSI:		
Arrival PSI	26	

960
5660
650
Tire

340 lbs R38
with a load indy of 1510
won't carry weight at
29 psi



INFO	Inside	Outside
Tire/Trk Make:		
Tire Model:		
Tire Type:		
Tire Size:		
Trd Wth (cm)		
Tyr Dist Ctr(cm)		
Tire Wt (lbs):		
Road PSI:		
Field PSI:		
Arrival PSI		

CTIS: Yes / No?

Exh#:	S39A	ExhNote:	S39B	Field/Road psi, Lft/Rgt tires, Hvy/Lgt wt
ExhName:		OwnerName:		Phone#:
EquipType:	Row Crop Tractor		Make:	JD
			Model:	6420

INFO	Inside	Outside
Tire/Trk Make:	Michelin	
Tire Model:	Agribib	
Tire Type:	Radial	
Tire Size:	13.6R28	
Trd Wth (cm)	33	
Tyr Dist Ctr(cm)	77.5	
Tire Wt (lbs):	2420	
Road PSI:	12	
Field PSI:	7	
Arrival PSI	16	

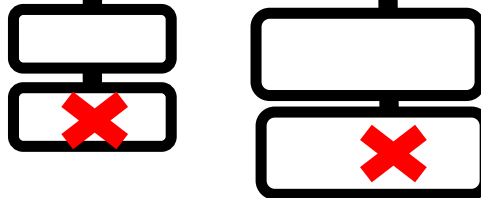
Axle Distance (cm)							
1	2	3	4	5	6	7	8
0	243	710					

INFO	Inside	Outside
Tire/Trk Make:	Firestone	
Tire Model:	Traction 83	
Tire Type:	Radial	
Tire Size:	16.9R308	
Trd Wth (cm)	40	
Tyr Dist Ctr(cm)	77.5	
Tire Wt (lbs):	4220	
Road PSI:	19	
Field PSI:	9	
Arrival PSI	18	



13,660 lbs = 6.2T

INFO	Inside	Outside
Tire/Trk Make:	Agribib	
Tire Model:		
Tire Type:		
Tire Size:	13.6R28	
Trd Wth (cm)		
Tyr Dist Ctr(cm)	77.5	
Tire Wt (lbs):	2260	
Road PSI:	12	
Field PSI:	7	
Arrival PSI	16	



INFO	Inside	Outside
Tire/Trk Make:	Firestone	
Tire Model:	Traction 38	
Tire Type:	Radial	
Tire Size:	16.9R38	
Trd Wth (cm)	40	
Tyr Dist Ctr(cm)	77.5	
Tire Wt (lbs):	4760	
Road PSI:	16	
Field PSI:	9	
Arrival PSI	10	

Row Crop Tractor - Wheeled

CTIS: Yes / No?

Exh#:	S39B	ExhNote:	S39A	Field/Road psi, Lft/Rgt tires, Hvy/Lgt wt
ExhName:		OwnerName:		Phone#:
EquipType:	PT Side Dress Liquid Fertilizer Applr	Make:		Model: Can Grow SD008

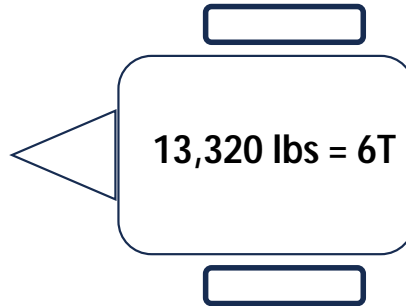
INFO	Inside	Outside
Tire/Trk Make:	BKT	
Tire Model:	TR135	
Tire Type:	Bias	
Tire Size:	13.6-38	
Trd Wth (cm)	34	
Tyr Dist Ctr(cm)	151	
Tire Wt (lbs):	6700	
Road PSI:	30	
Field PSI:		
Arrival PSI	26	

Axle Distance (cm)							
1	2	3	4	5	6	7	8
0	243	710					



INFO	Inside	Outside
Tire/Trk Make:		
Tire Model:		
Tire Type:		
Tire Size:		
Trd Wth (cm)		
Tyr Dist Ctr(cm)		
Tire Wt (lbs):		
Road PSI:		
Field PSI:		
Arrival PSI		

INFO	Inside	Outside
Tire/Trk Make:		
Tire Model:		
Tire Type:		
Tire Size:		
Trd Wth (cm)	34	
Tyr Dist Ctr(cm)	151	
Tire Wt (lbs):	6620	
Road PSI:	30	
Field PSI:		
Arrival PSI	26	



Tires overloaded, change to 340/85R38 @ 29psi

INFO	Inside	Outside
Tire/Trk Make:		
Tire Model:		
Tire Type:		
Tire Size:		
Trd Wth (cm)		
Tyr Dist Ctr(cm)		
Tire Wt (lbs):		
Road PSI:		
Field PSI:		
Arrival PSI		

CTIS: Yes/No?

S40 - JD R4038 SP Sprayer with Wide and Narrow Tires

Compaction Event Report: St. Clair (S40)

S40

JD R4038 SP Sprayer with Wide and Narrow Tires



Aug 5,6,7, 2025
Rutherford, Ontario











S40_Sprayer-Boom-In-High-Pressure[®] Side
Tire Layout - Overhead View

UltraFlex
 Michelin
 380/90R46



11480 lbs
 35 psi

UltraFlex
 Michelin
 380/90R46

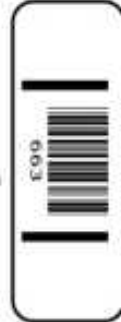


9560 lbs
 35 psi

Right Side

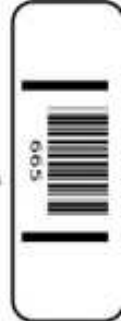
Axle #: 1, Total Weight: 21620 lbs
 Axle #: 2, Total Weight: 19560 lbs
 Total Weight: 41200 lbs

Farm Max
 CEAT
 650/65R38



10140 lbs
 35 psi

Farm Max
 CEAT
 650/65R38



10020 lbs
 35 psi

S40_Sprayer-Boom-Out-High-Pressure
Tire Layout - Overhead View



UltraFlex
Michelin
380/90R46



9240 lbs
35 psi

UltraFlex
Michelin
380/90R46

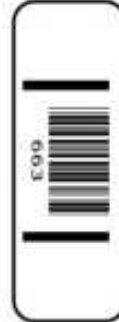


11760 lbs
35 psi

Right Side

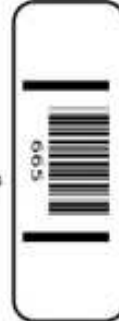
Axle #: 1, Total Weight: 16820 lbs
Axle #: 2, Total Weight: 24280 lbs
Total Weight: 41100 lbs

Farm Max
CEAT
650/65R38



7580 lbs
35 psi

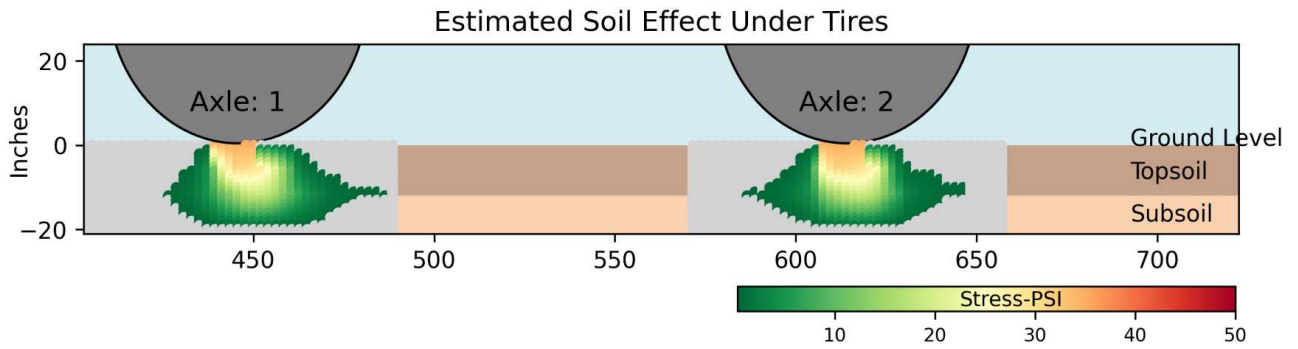
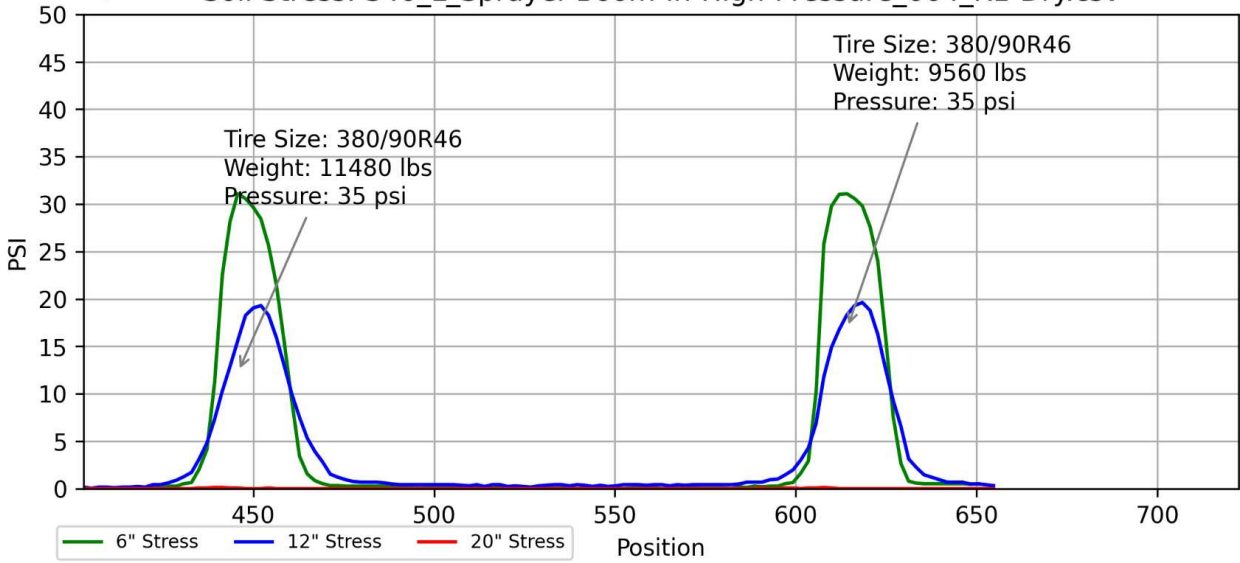
Farm Max
CEAT
650/65R38



12520 lbs
35 psi

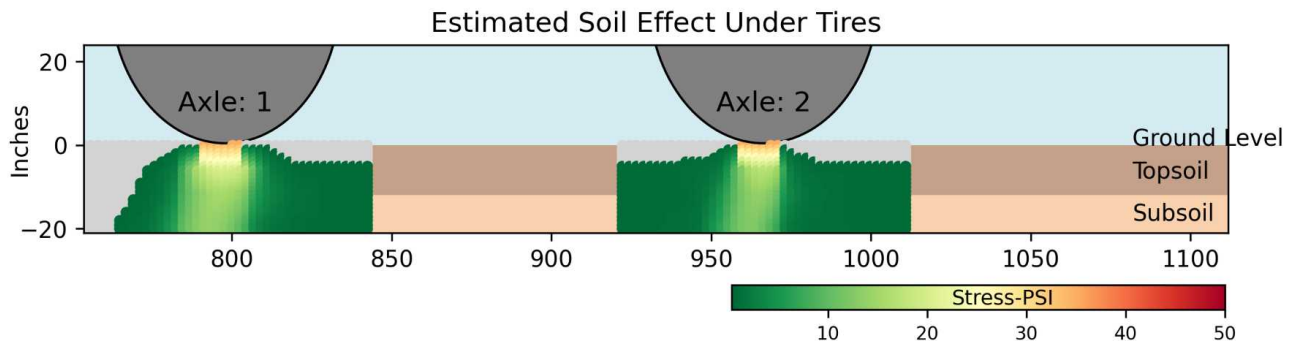
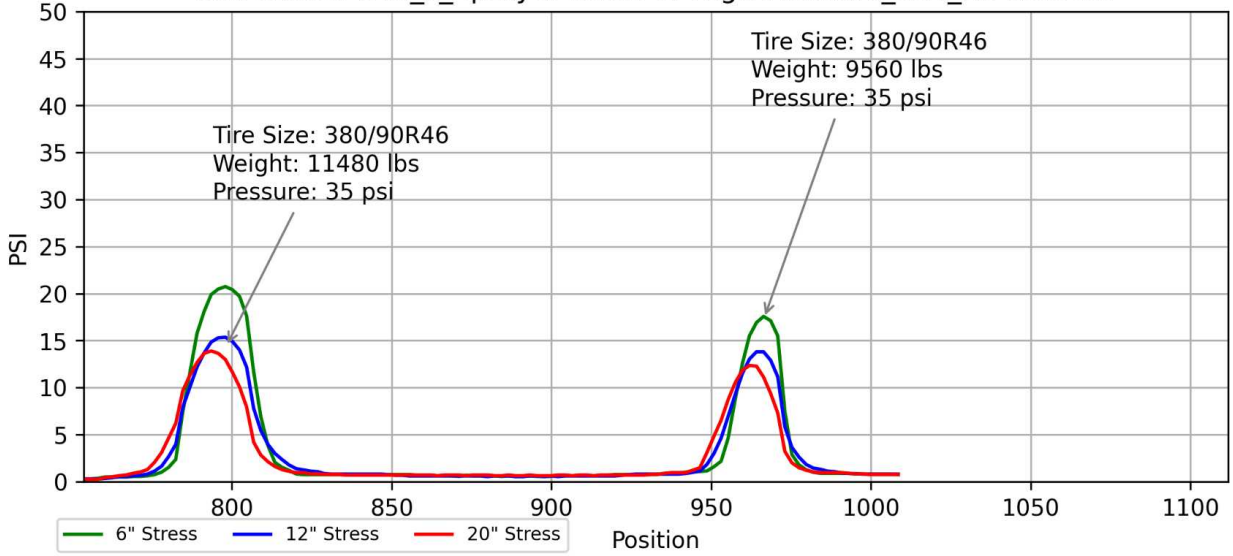
S40 R1-Dry John Deere SP Sprayer

Dry Soil Soil Stress: S40_L_Sprayer-Boom-In-High-Pressure_664_R1-Dry.csv



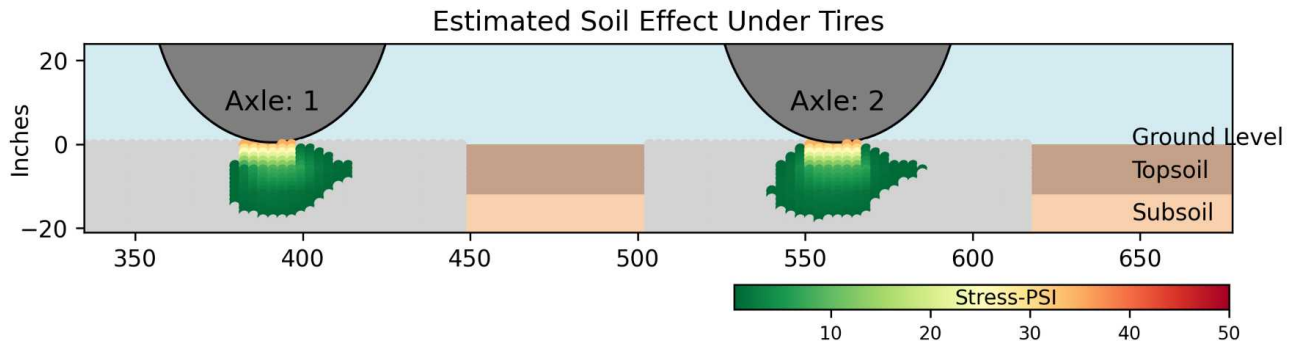
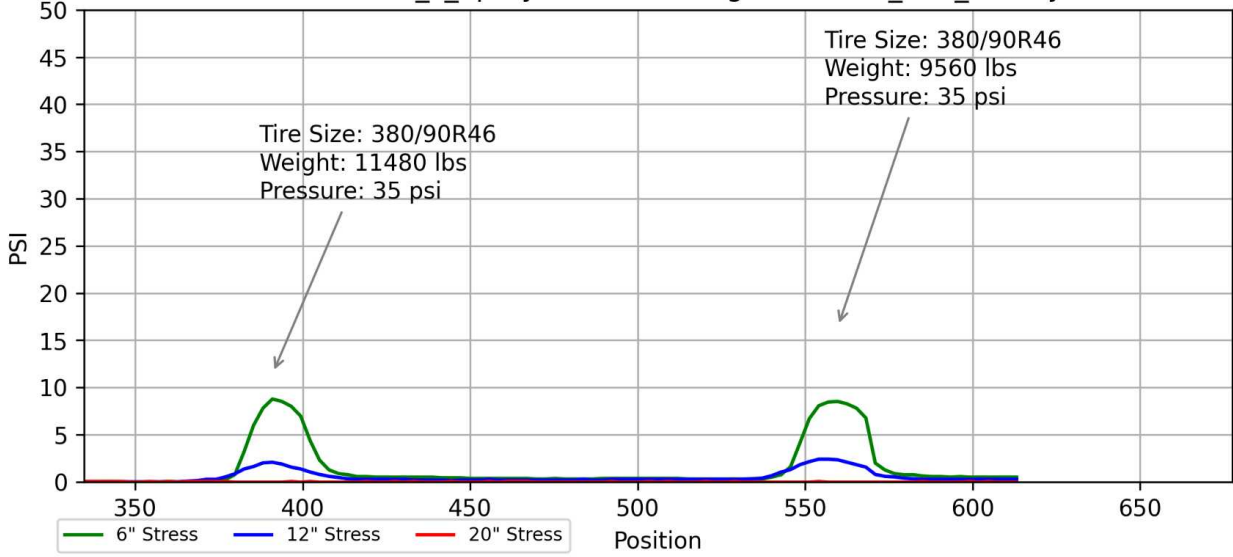
S40 R1-Wet John Deere SP Sprayer

Wet Soil Soil Stress: S40_L_Sprayer-Boom-In-High-Pressure_664_R1-Wet.csv



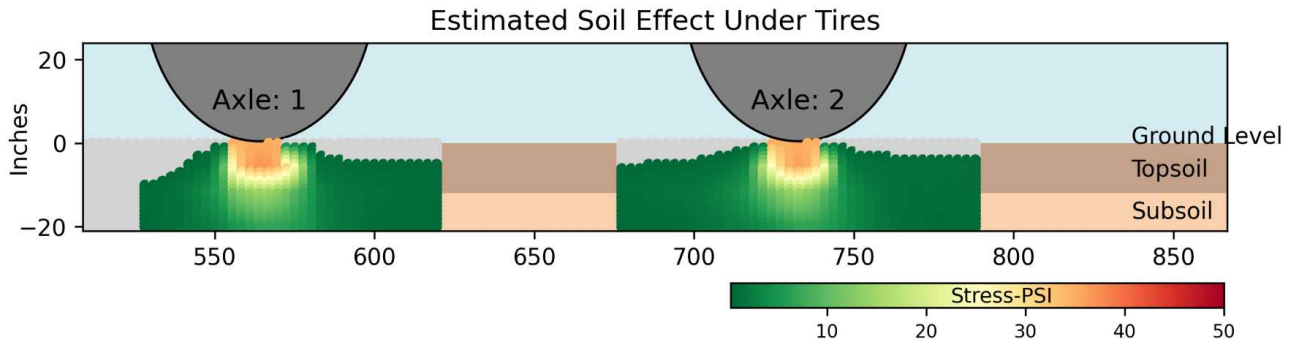
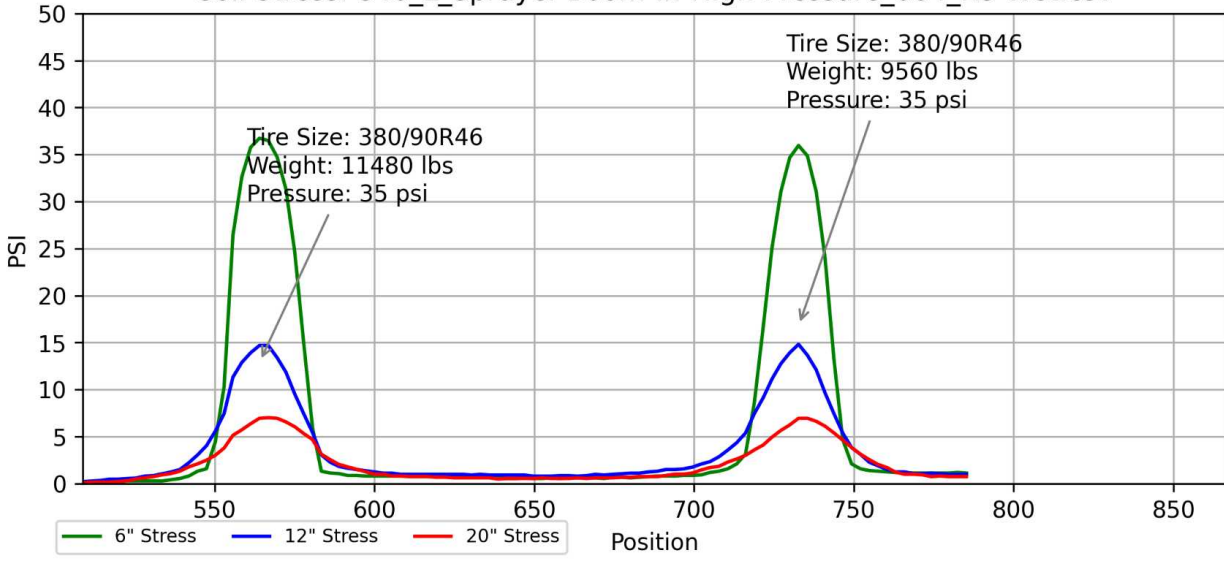
S40 R3-Dry John Deere SP Sprayer

Dry Soil Soil Stress: S40_L_Sprayer-Boom-In-High-Pressure_664_R3-Dry.csv



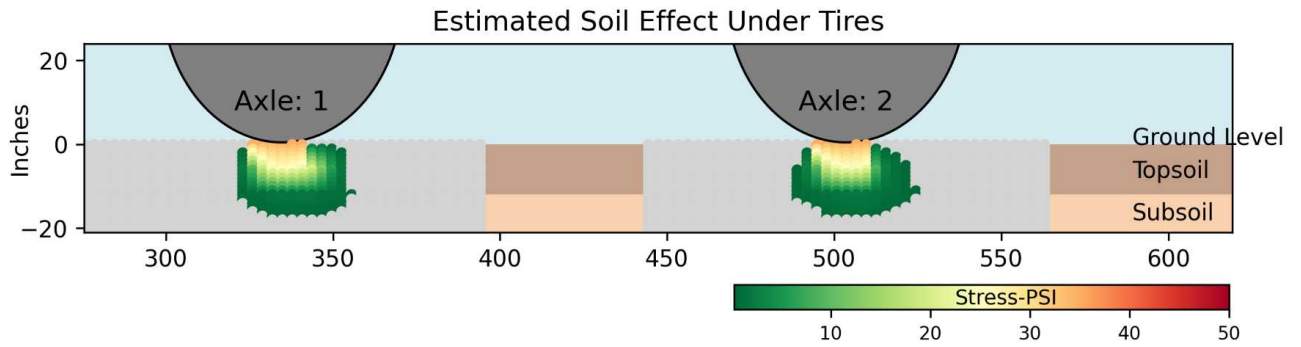
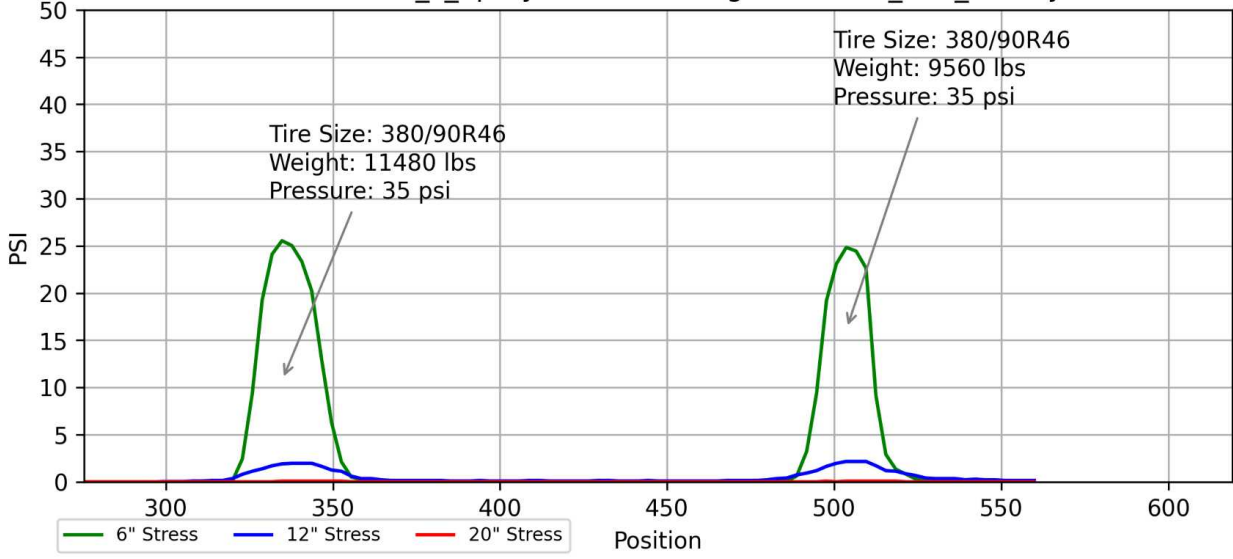
S40 R3-Wet John Deere SP Sprayer

Wet Soil Soil Stress: S40_L_Sprayer-Boom-In-High-Pressure_664_R3-Wet.csv



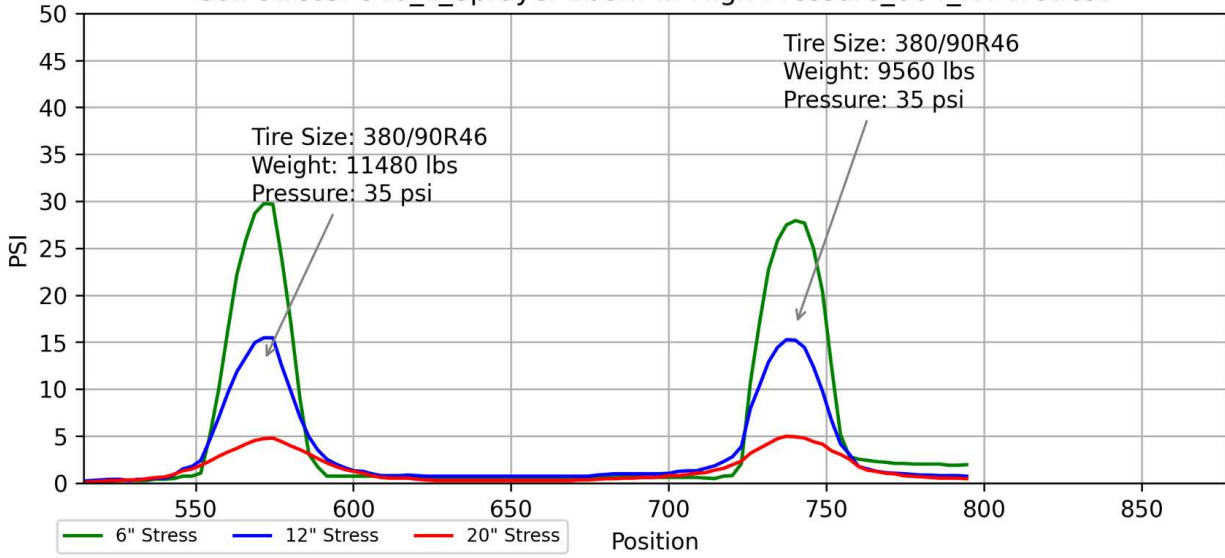
S40 R4-Dry John Deere SP Sprayer

Dry Soil Soil Stress: S40_L_Sprayer-Boom-In-High-Pressure_664_R4-Dry.csv

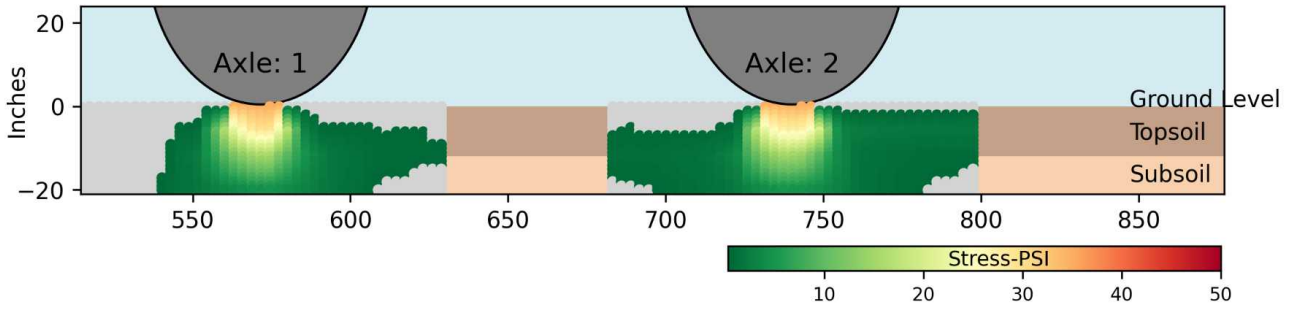


S40 R4-Wet John Deere SP Sprayer

Wet Soil Soil Stress: S40_L_Sprayer-Boom-In-High-Pressure_664_R4-Wet.csv

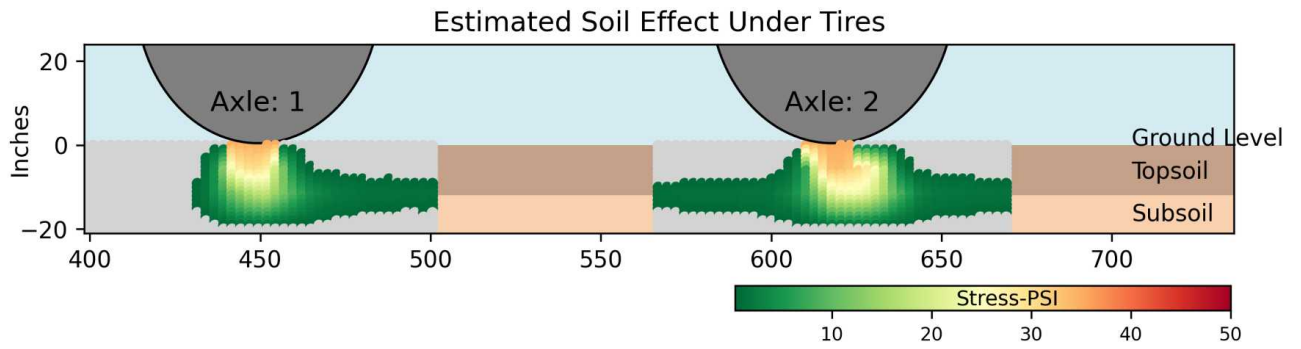
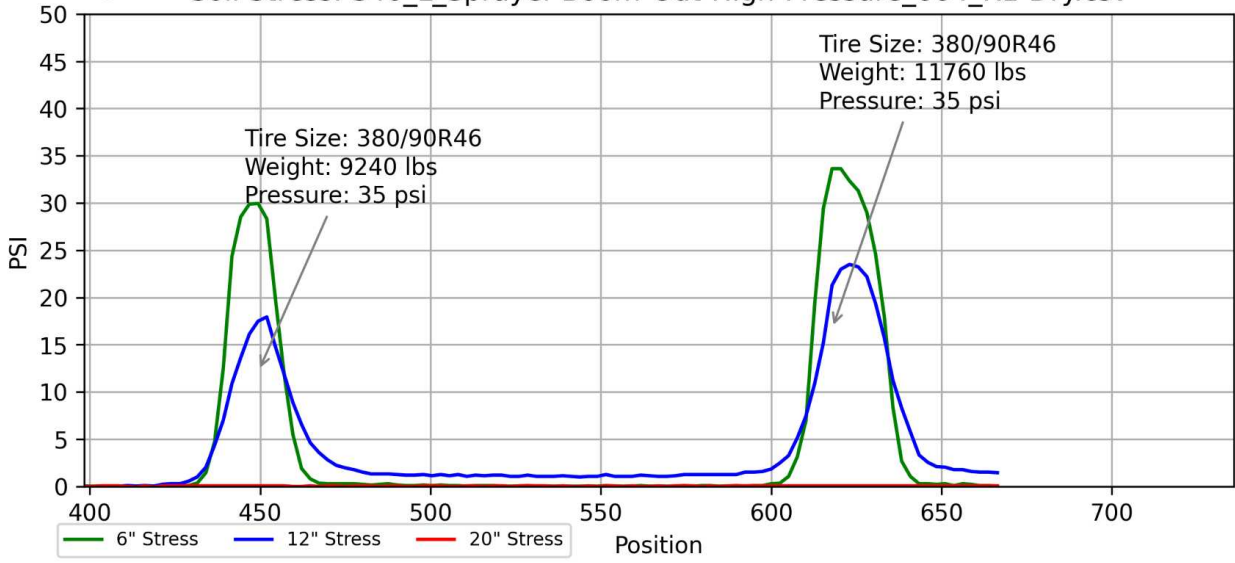


Estimated Soil Effect Under Tires



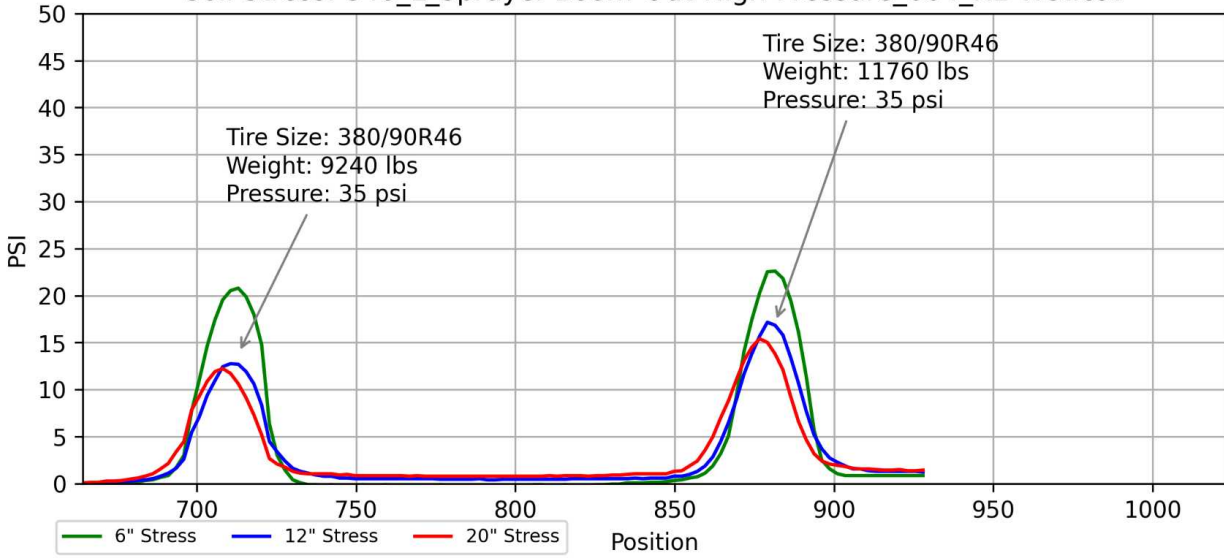
S40 R1-Dry John Deere SP Sprayer

Dry Soil Soil Stress: S40_L_Sprayer-Boom-Out-High-Pressure_664_R1-Dry.csv

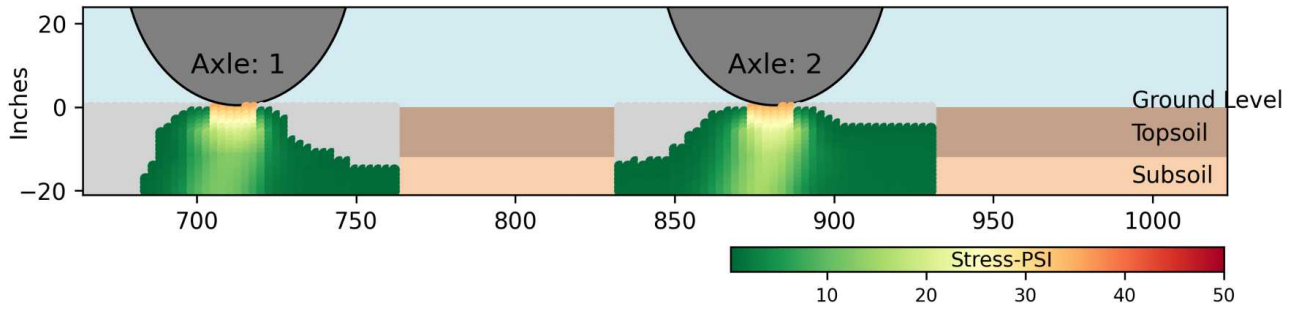


S40 R1-Wet John Deere SP Sprayer

Wet Soil Soil Stress: S40_L_Sprayer-Boom-Out-High-Pressure_664_R1-Wet.csv

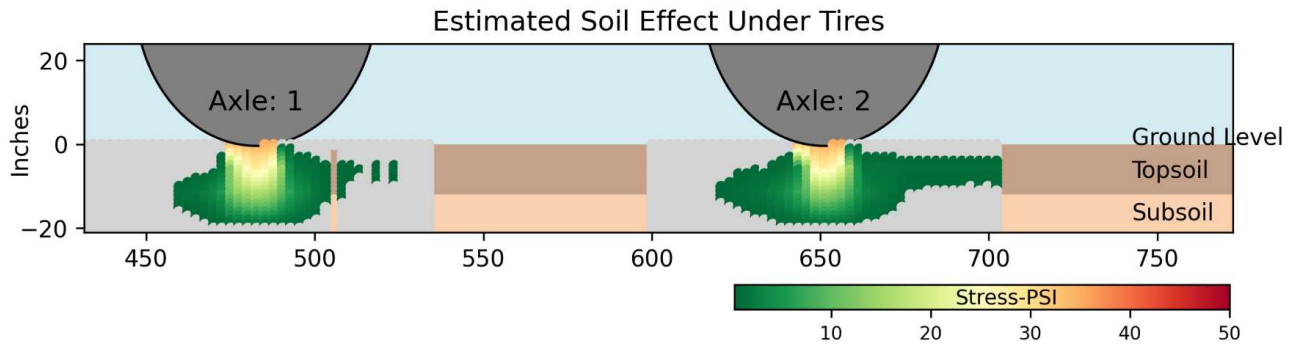
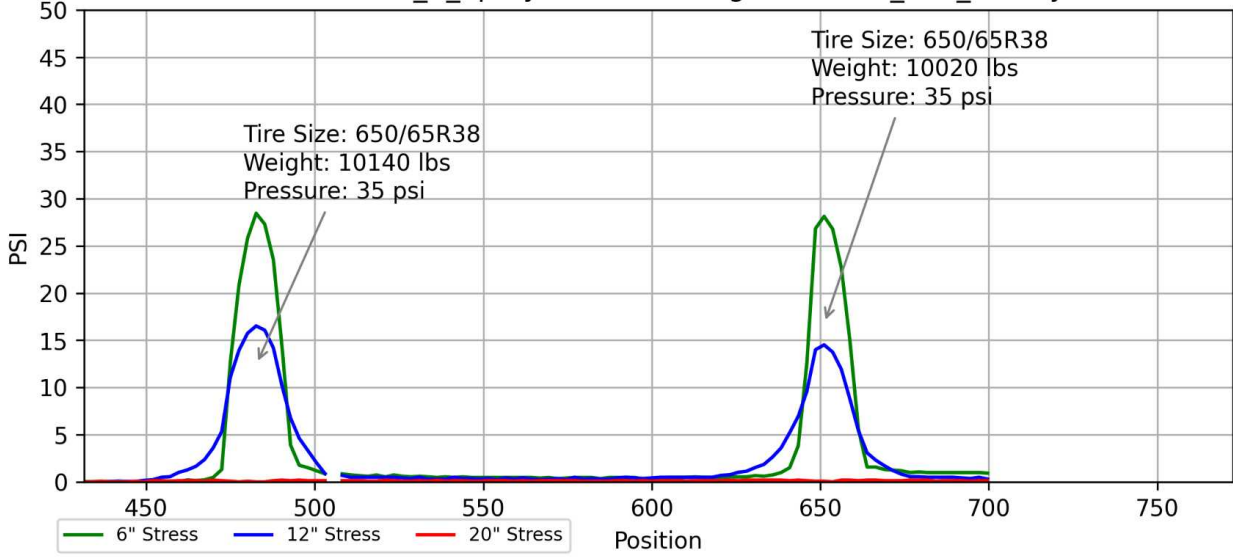


Estimated Soil Effect Under Tires



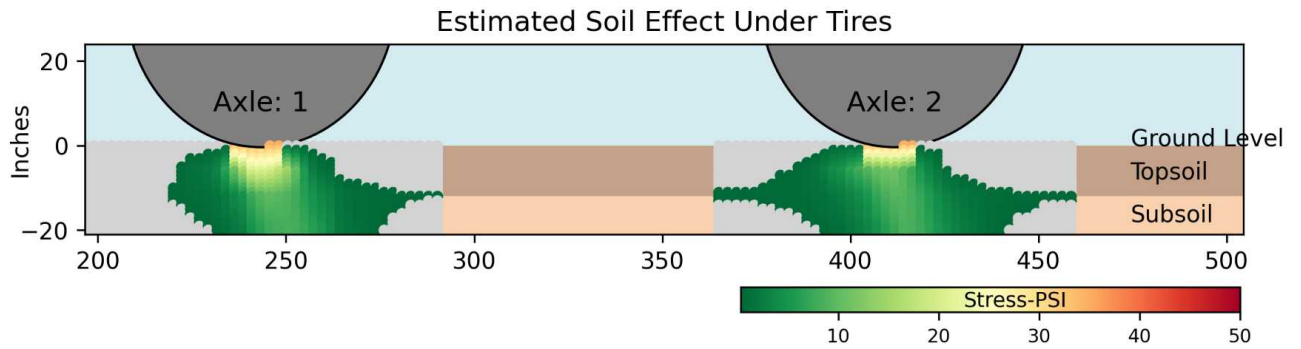
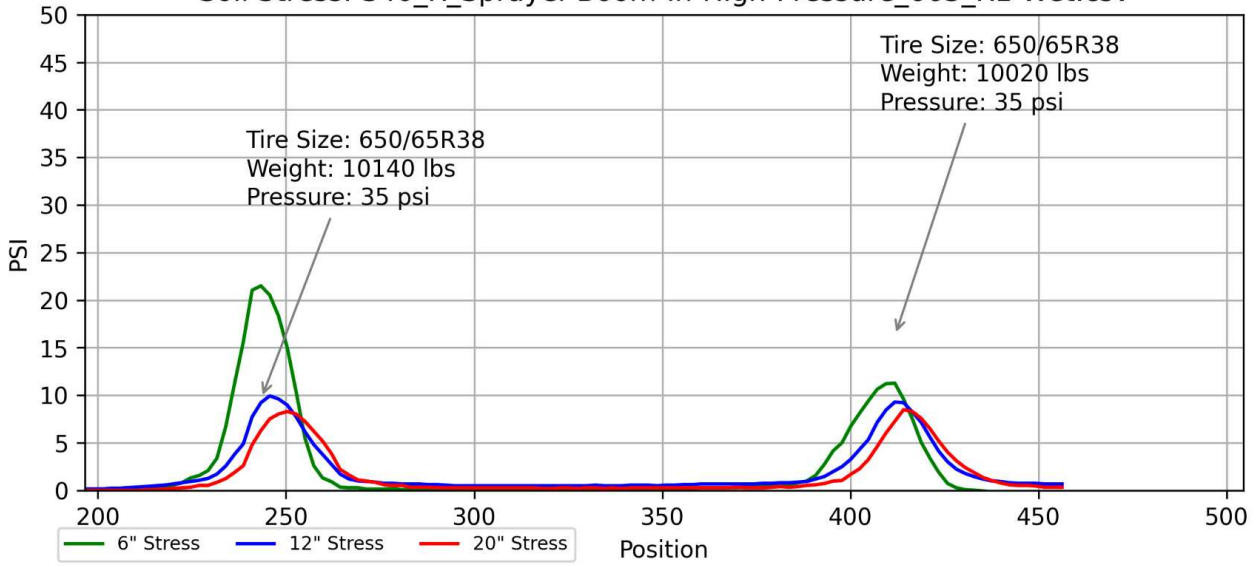
S40 R1-Dry John Deere SP Sprayer

Dry Soil Soil Stress: S40_R_Sprayer-Boom-In-High-Pressure_663_R1-Dry.csv



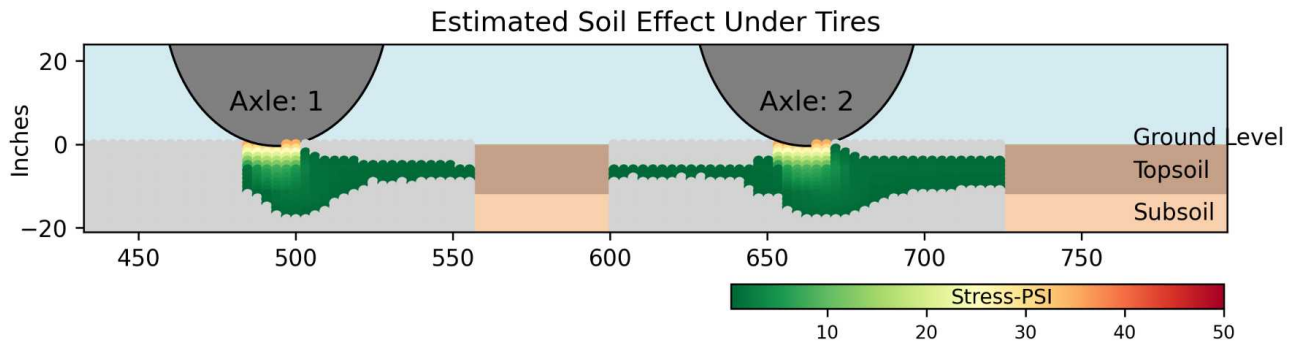
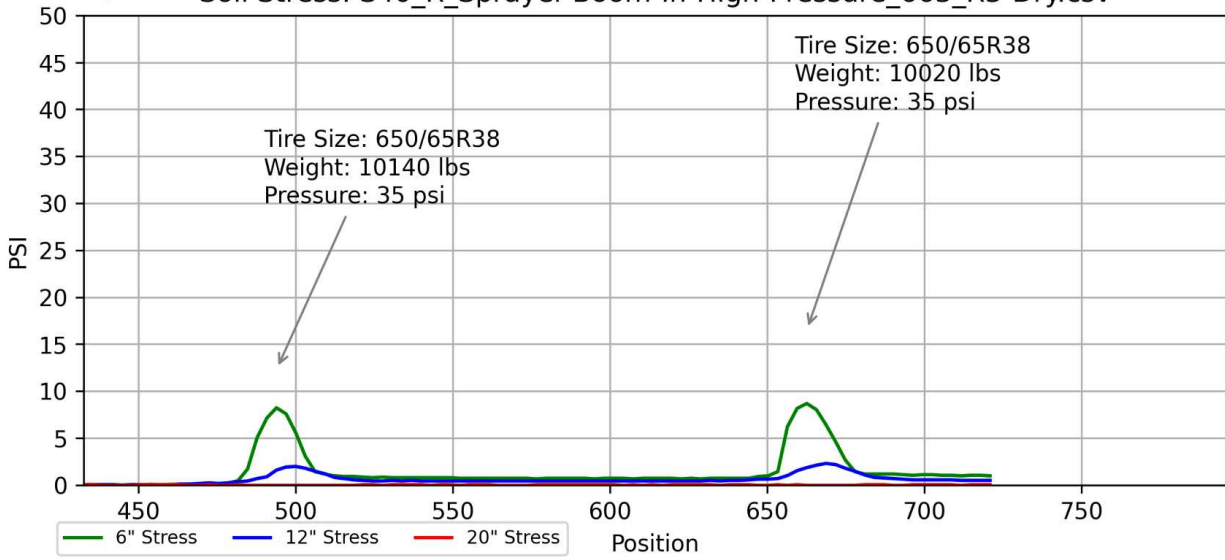
S40 R1-Wet John Deere SP Sprayer

Wet Soil Soil Stress: S40_R_Sprayer-Boom-In-High-Pressure_663_R1-Wet.csv



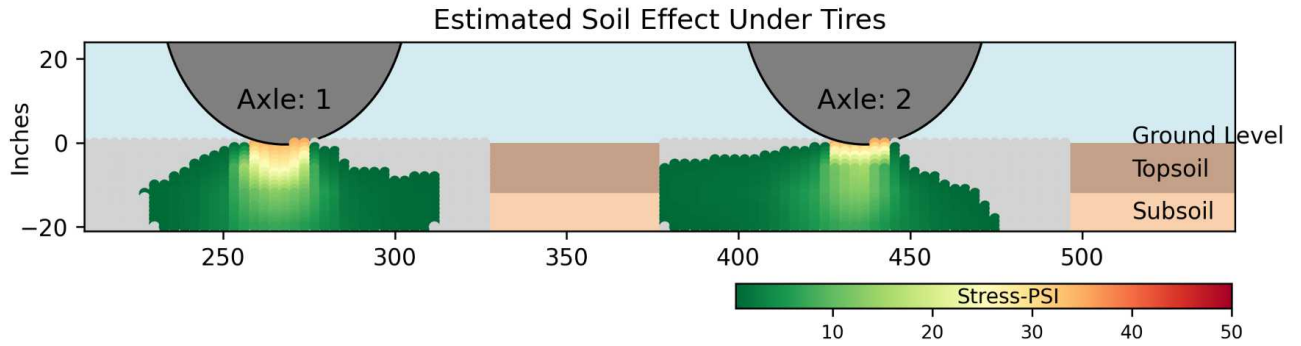
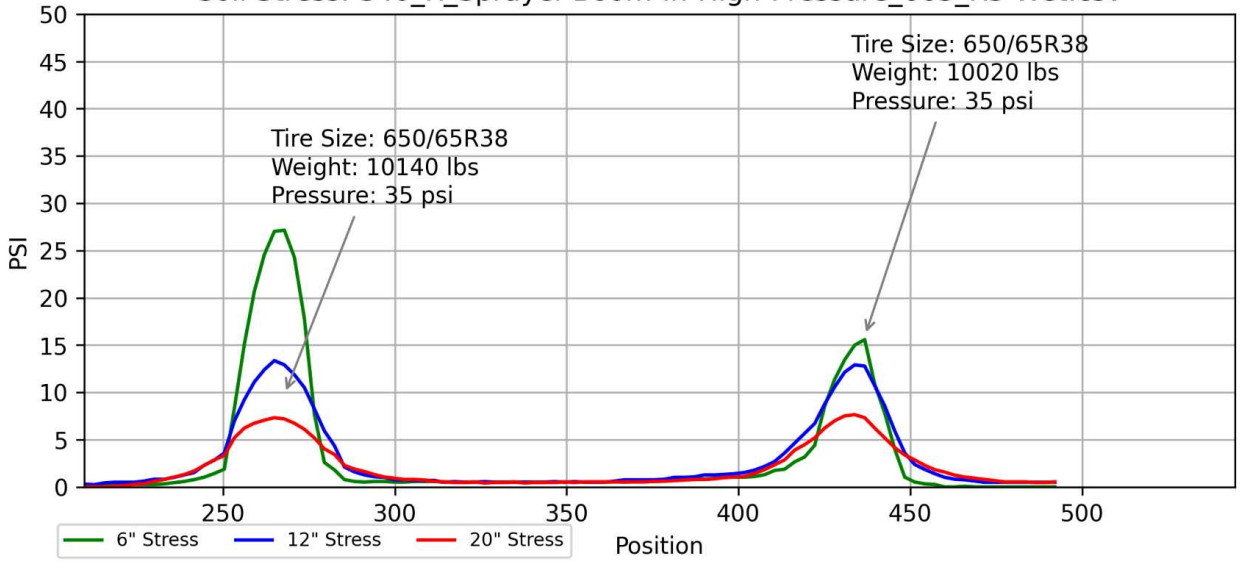
S40 R3-Dry John Deere SP Sprayer

Dry Soil Soil Stress: S40_R_Sprayer-Boom-In-High-Pressure_663_R3-Dry.csv



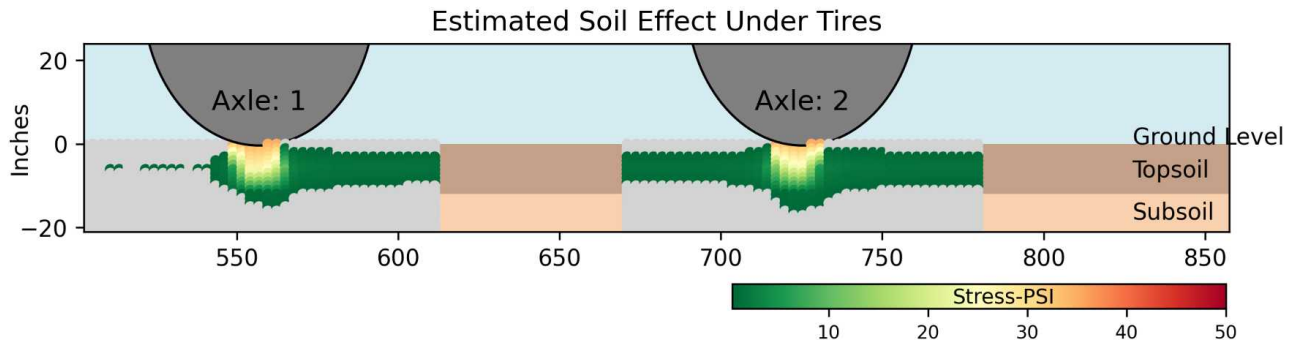
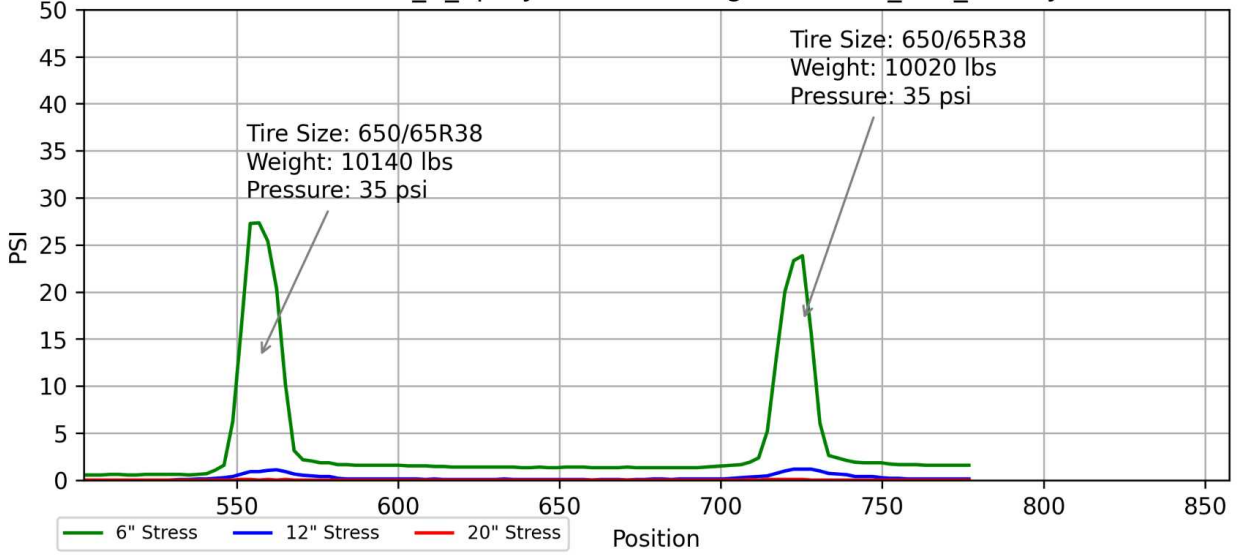
S40 R3-Wet John Deere SP Sprayer

Wet Soil Soil Stress: S40_R_Sprayer-Boom-In-High-Pressure_663_R3-Wet.csv



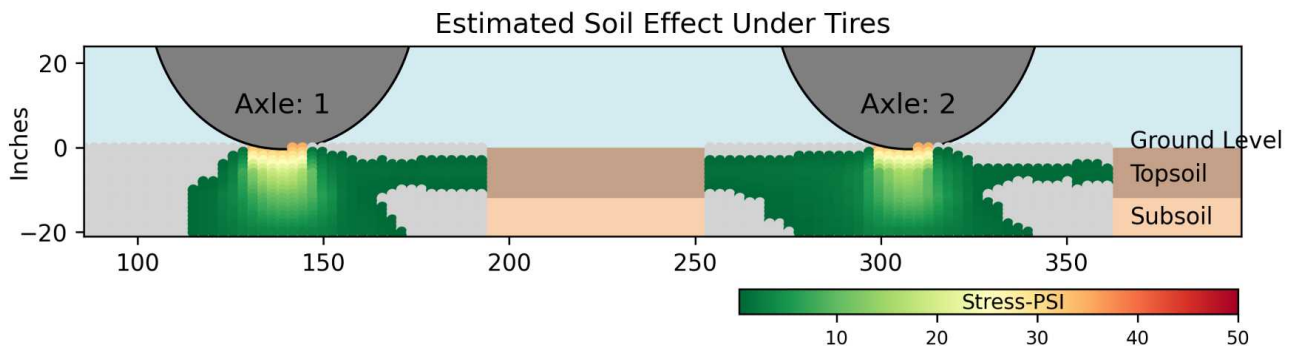
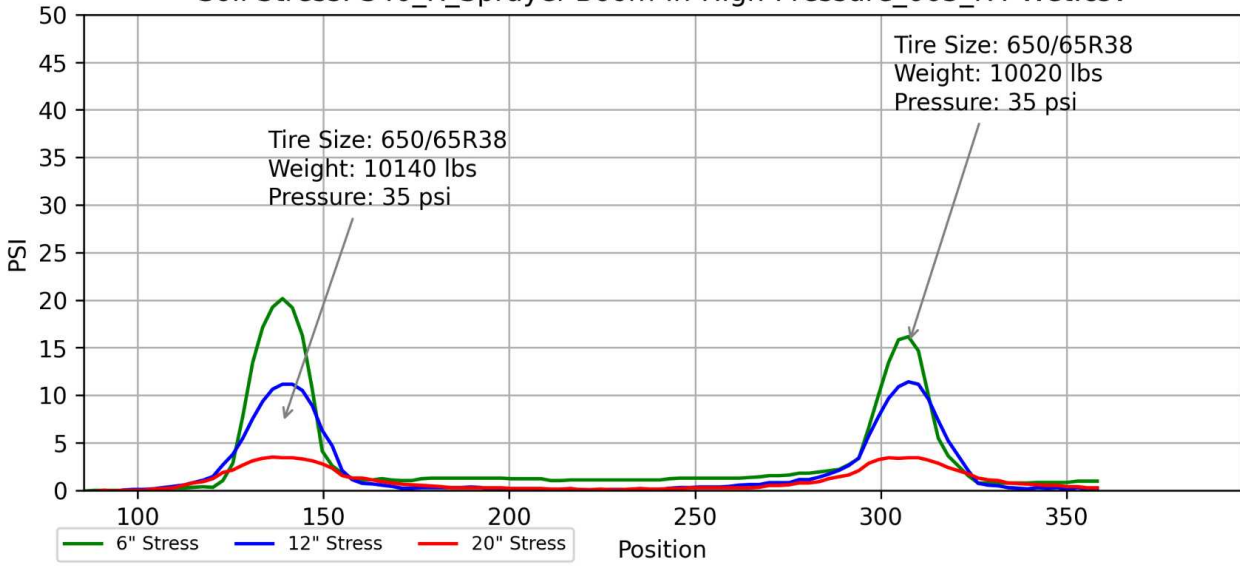
S40 R4-Dry John Deere SP Sprayer

Dry Soil Soil Stress: S40_R_Sprayer-Boom-In-High-Pressure_663_R4-Dry.csv



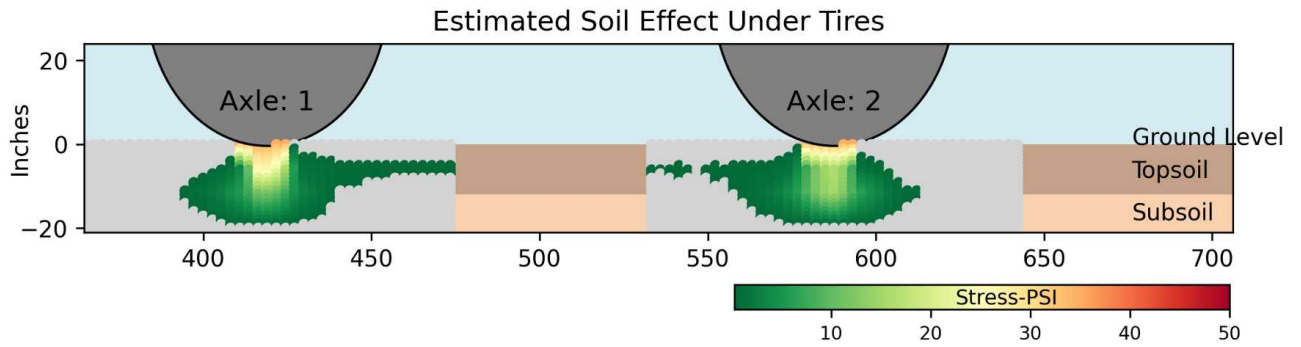
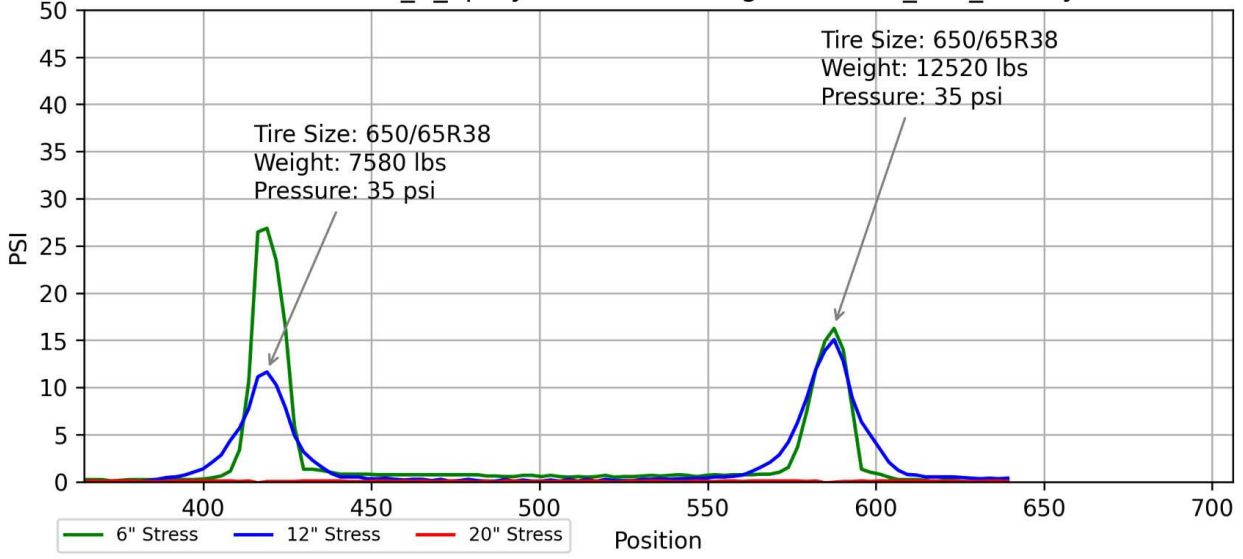
S40 R4-Wet John Deere SP Sprayer

Wet Soil Soil Stress: S40_R_Sprayer-Boom-In-High-Pressure_663_R4-Wet.csv



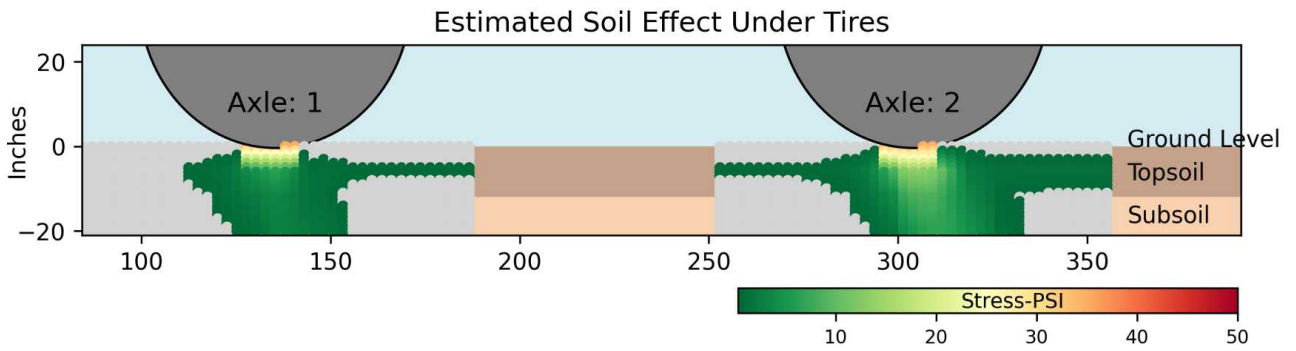
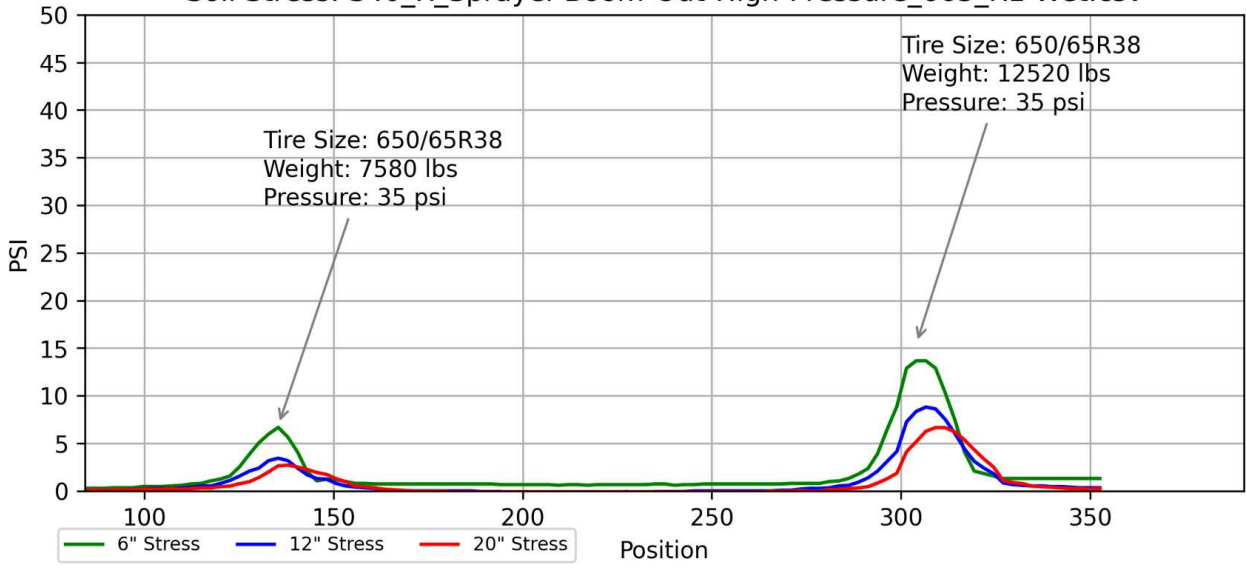
S40 R1-Dry John Deere SP Sprayer

Dry Soil Soil Stress: S40_R_Sprayer-Boom-Out-High-Pressure_663_R1-Dry.csv



S40 R1-Wet John Deere SP Sprayer

Wet Soil Soil Stress: S40_R_Sprayer-Boom-Out-High-Pressure_663_R1-Wet.csv



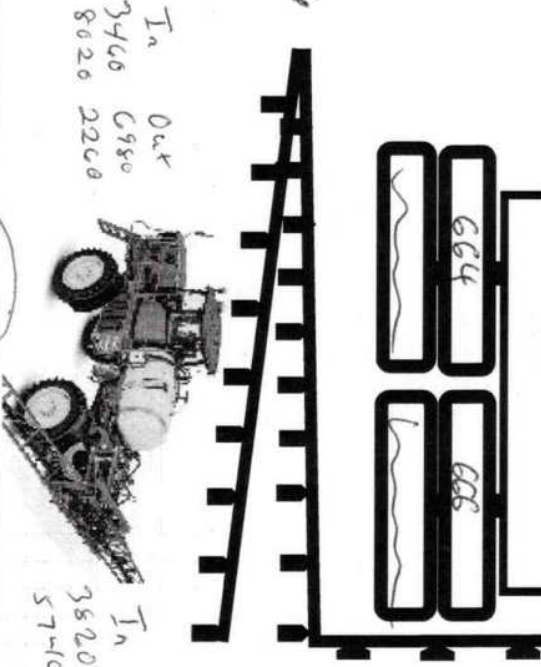
Exh#:	540	ExhNote:		Field/Road psi, Lft/Rgt tires, rvy/Lgt wt
ExhName:		OwnerName:		Phone#:
EquipType:	Self Propelled Sprayer	Make:	JD	Model:
				R41038

INFO	Inside	Outside
Tire/Trk Make:	CEAT	
Tire Model:	Farm Hox	
Tire Type:		
Tire Size:	650/65R38	38
Trd Wth (cm)	64	
Tyr Dist Ctr(cm)	160	
Tire Wt (lbs):	10140 ^{In}	7,580 ^{Out}
Road PSI:	35	
Field PSI:	19	
Arrival PSI	30	

Axle Distance (cm)							
1	2	3	4	5	6	7	8
0	427						

INFO	Inside	Outside
Tire/Trk Make:	CEAT	
Tire Model:	Farm Hox	
Tire Type:		
Tire Size:	650/65R38	
Trd Wth (cm)	3464	
Tyr Dist Ctr(cm)	160	
Tire Wt (lbs):	10,020 ^{In}	12,520 ^{Out}
Road PSI:	35	35
Field PSI:		
Arrival PSI	30	

INFO	Inside	Outside
Tire/Trk Make:	CEAT	Michelin
Tire Model:	WreFlex	
Tire Type:	VF	
Tire Size:	380/90R46	
Trd Wth (cm)	349	
Tyr Dist Ctr(cm)	160	
Tire Wt (lbs):	11480 ^{In}	9,240 ^{Out}
Road PSI:	35	
Field PSI:	19	
Arrival PSI	38	



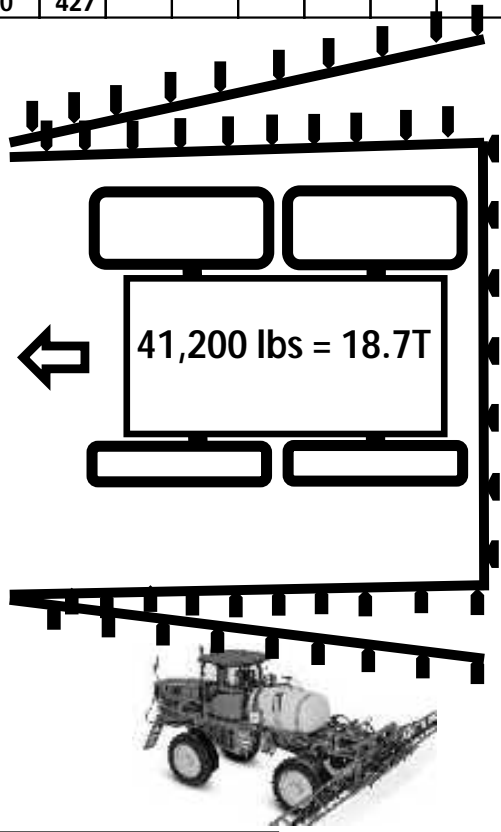
INFO	Inside	Outside
Tire/Trk Make:	Michelin	
Tire Model:	WreFlex	
Tire Type:	VF	
Tire Size:	380/90R46	
Trd Wth (cm)	34	
Tyr Dist Ctr(cm)	160	
Tire Wt (lbs):	9500 ^{In}	11,760 ^{Out}
Road PSI:	35	35
Field PSI:		
Arrival PSI	38	

SP Sprayer – Rear Boom	Empty or Loaded?	Boom Road or Field?	CTIS: Yes / No?
------------------------	------------------	---------------------	-----------------

Exh#:	S40IN	ExhNote:	Boom Road Position	Field/Road psi, Lft/Rgt tires, Hvy/Lgt wt
ExhName:		OwnerName:	Jacksons	Phone#:
EquipType:	Self Propelled Sprayer	Make:	JD	Model:
				R4038

INFO	Road
Tire/Trk Make:	CEAT
Tire Model:	Farm Max
Tire Type:	Radial
Tire Size:	650/65R38
Trd Wth (cm)	64
Tyr Dist Ctr(cm)	160
Tire Wt (lbs):	10140
Road PSI:	35
Field PSI:	19
Arrival PSI	30

Axle Distance (cm)							
1	2	3	4	5	6	7	8
0	427						



INFO	Road
Tire/Trk Make:	CEAT
Tire Model:	Farm Max
Tire Type:	Radial
Tire Size:	650/65R38
Trd Wth (cm)	64
Tyr Dist Ctr(cm)	160
Tire Wt (lbs):	10020
Road PSI:	35
Field PSI:	
Arrival PSI	30

INFO	Road
Tire/Trk Make:	Michelin
Tire Model:	UltraFlex
Tire Type:	VF
Tire Size:	380/90R46
Trd Wth (cm)	34
Tyr Dist Ctr(cm)	160
Tire Wt (lbs):	11480
Road PSI:	35
Field PSI:	19
Arrival PSI	38

INFO	Road
Tire/Trk Make:	Michelin
Tire Model:	UltraFlex
Tire Type:	VF
Tire Size:	380/90R46
Trd Wth (cm)	34
Tyr Dist Ctr(cm)	160
Tire Wt (lbs):	9560
Road PSI:	35
Field PSI:	
Arrival PSI	38

SP Sprayer – Rear Boom - Road

Empty or **Loaded?**

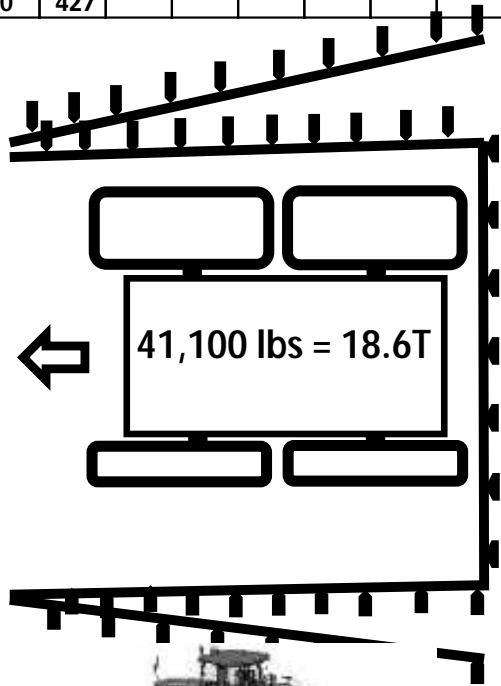
Boom **Road** or Field?

CTIS: Yes / **No?**

Exh#:	S400UT	ExhNote:	Boom Field Position	Field/Road psi, Lft/Rgt tires, Hvy/Lgt wt
ExhName:		OwnerName:	Jacksons	Phone#:
EquipType:	Self Propelled Sprayer	Make:	JD	Model:
				R4038

INFO	Field	
Tire/Trk Make:	CEAT	
Tire Model:	Farm Max	
Tire Type:	Radial	
Tire Size:	650/65R38	
Trd Wth (cm)	64	
Tyr Dist Ctr(cm)	160	
Tire Wt (lbs):	7580	
Road PSI:	35	
Field PSI:	19	
Arrival PSI	30	

Axle Distance (cm)							
1	2	3	4	5	6	7	8
0	427						



INFO	Field	
Tire/Trk Make:	CEAT	
Tire Model:	Farm Max	
Tire Type:	Radial	
Tire Size:	650/65R38	
Trd Wth (cm)	64	
Tyr Dist Ctr(cm)	160	
Tire Wt (lbs):	12520	
Road PSI:	35	
Field PSI:		
Arrival PSI	30	

INFO	Field	
Tire/Trk Make:	Michelin	
Tire Model:	UltraFlex	
Tire Type:	VF	
Tire Size:	380/90R46	
Trd Wth (cm)	34	
Tyr Dist Ctr(cm)	160	
Tire Wt (lbs):	9240	
Road PSI:	35	
Field PSI:	19	
Arrival PSI	38	

INFO	Field	
Tire/Trk Make:	Michelin	
Tire Model:	UltraFlex	
Tire Type:	VF	
Tire Size:	380/90R46	
Trd Wth (cm)	34	
Tyr Dist Ctr(cm)	160	
Tire Wt (lbs):	11760	
Road PSI:	35	
Field PSI:		
Arrival PSI	38	

SP Sprayer – Rear Boom - Field

Empty or **Loaded?**

Boom Road of **Field?**

CTIS: Yes / **No?**

S44 - CIH Steiger Quadtrac 540 AT Tracked Tractor

Compaction Event Report: St. Clair (S44)

S44

CIH Steiger Quadtrac 540 AT Tracked Tractor




Aug 5,6,7, 2025
Rutherford, Ontario





S44_TrackOuterThird
Tire Layout - Overhead View

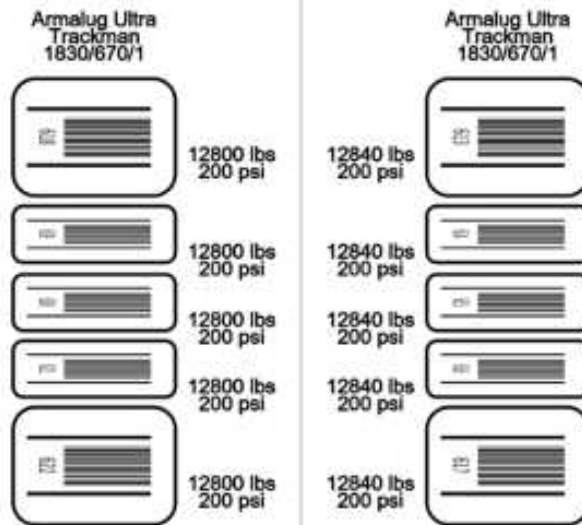
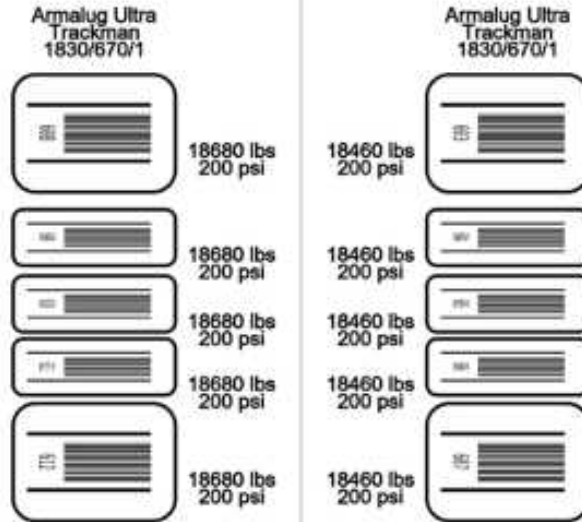


Left Side

Right Side

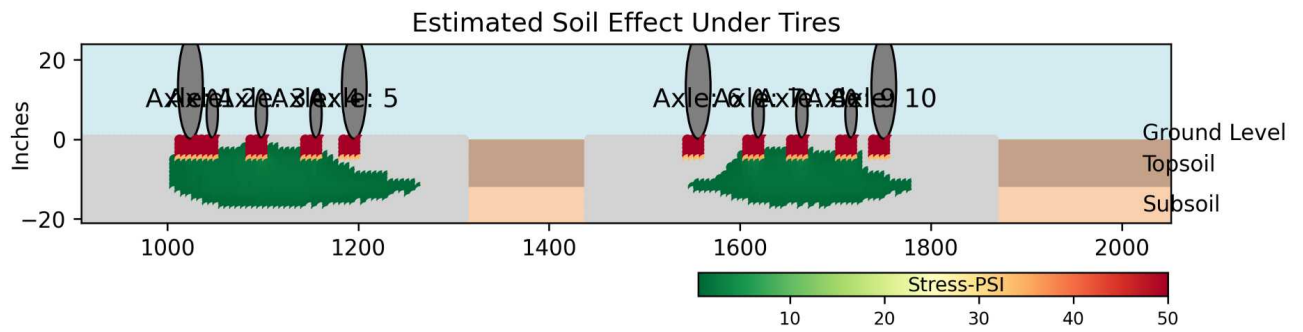
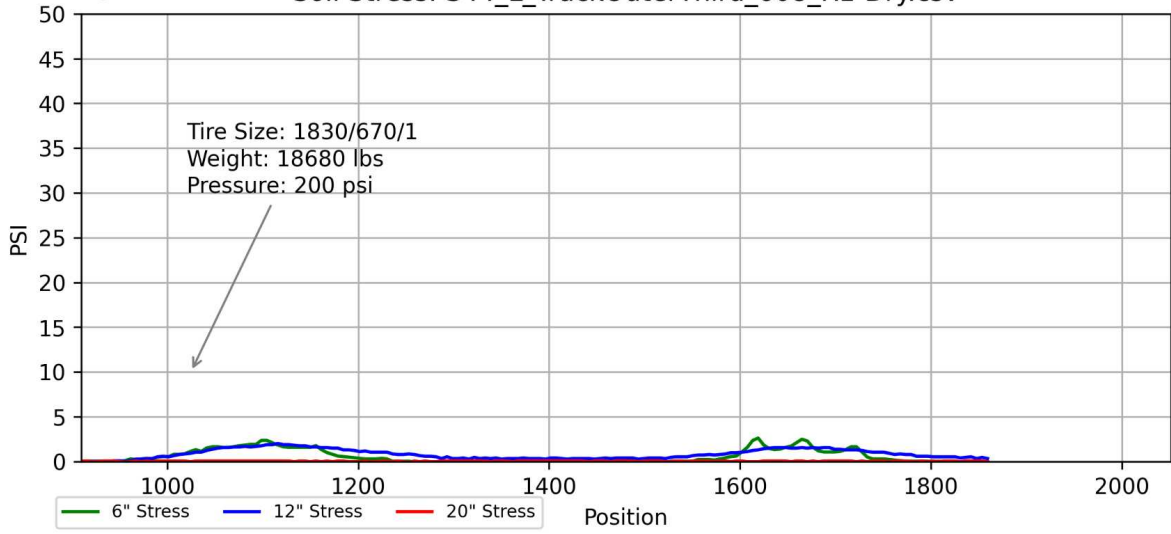
Axle #: 1, Total Weight: 37140 lbs

Axle #: 6, Total Weight: 25640 lbs
Total Weight: 62780 lbs



S44 R1-Dry
Dry Soil

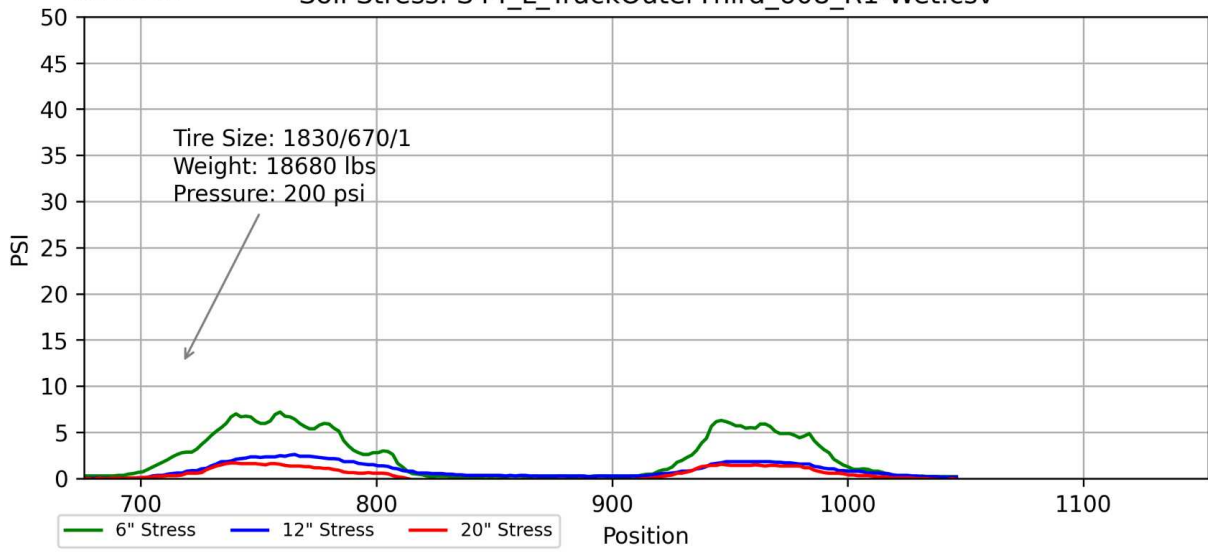
Quadtrac
Soil Stress: S44_L_TrackOuterThird_608_R1-Dry.csv



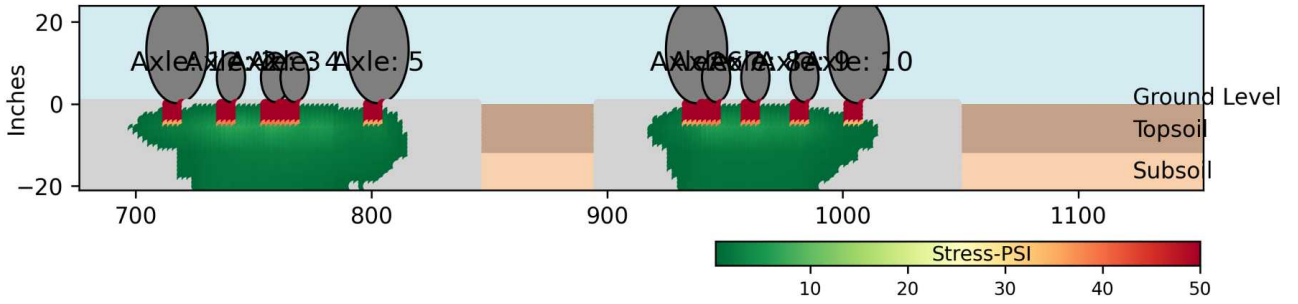
S44 R1-Wet Quadtrac

Wet Soil

Soil Stress: S44_L_TrackOuterThird_608_R1-Wet.csv



Estimated Soil Effect Under Tires

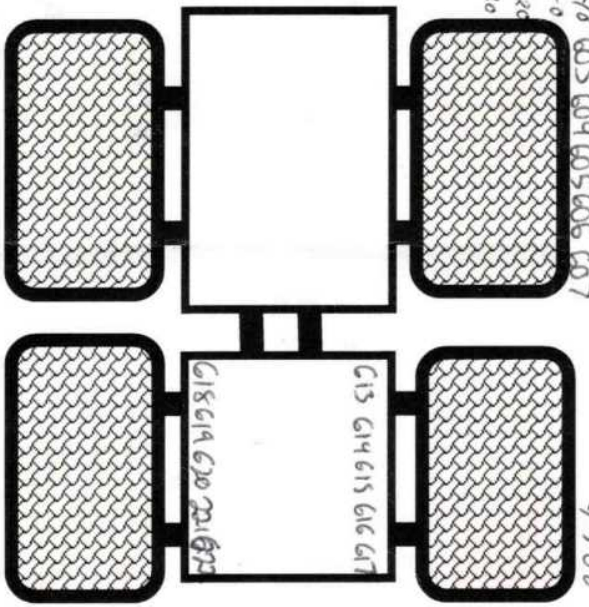


Exh#: 544	ExhNote:	Field/Road psi, Lft/Rgt tires, HWY/Lgt wt
ExhName:	OwnerName: Delta Power	Phone#:
EquipType: Articulated Track Tractor	Make: Case	Model: 540 Quad trac

Axle Distance (cm)							
1	2	3	4	5	6	7	8
0	58	95	130	153	394	448	486

9	10
523	577

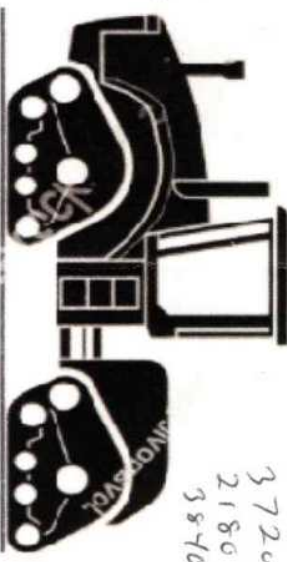
INFO	Track
Tire/Trk Make:	Continental
Tire Model:	Trackmen
Tire Type:	Americas Ultra
Tire Size:	84379425
Trk Light (cm)	183
Trd Wth (cm)	92
Tyr Dist Ctr(cm)	115
TireWt (lbs):	18,460
Road PSI:	NA
Field PSI:	NA
Arrival PSI	NA



INFO	Track
Tire/Trk Make:	Continental
Tire Model:	Trackmen
Tire Type:	Americas Ultra
Tire Size:	84379425
Trk Light (cm)	183
Trd Wth (cm)	92
Tyr Dist Ctr(cm)	115
TireWt (lbs):	18,680
Road PSI:	NA
Field PSI:	NA
Arrival PSI	NA

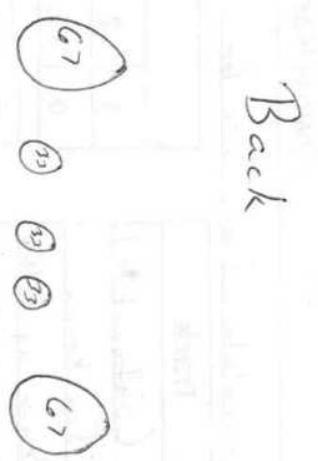
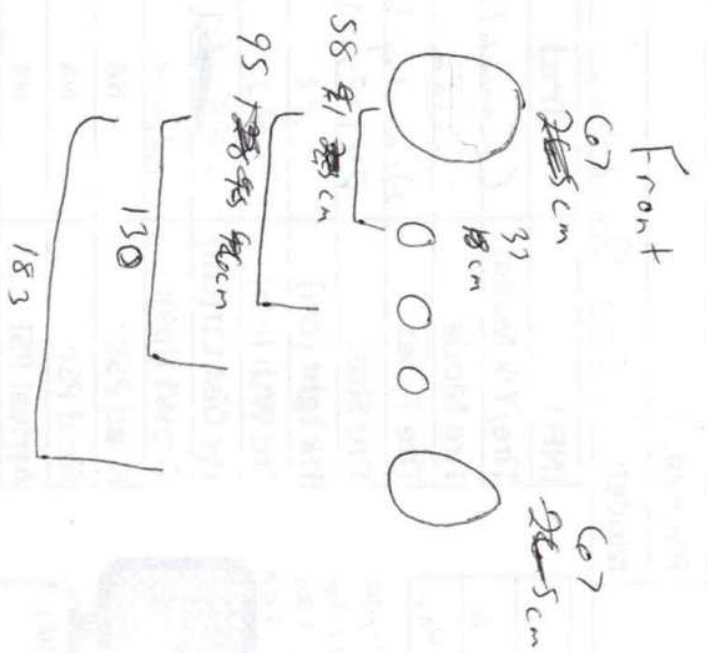
6546
3120
3320
5700
C08 C09 G00 G11 G12

3000
3720
2180
3870



INFO	Track
Tire/Trk Make:	Continental
Tire Model:	Trackmen
Tire Type:	Americas Ultra
Tire Size:	84379425
Trk Light (cm)	183
Trd Wth (cm)	92
Tyr Dist Ctr(cm)	115
TireWt (lbs):	12,840
Road PSI:	NA
Field PSI:	NA
Arrival PSI	NA

INFO	Track
Tire/Trk Make:	Continental
Tire Model:	Trackmen
Tire Type:	Americas Ultra
Tire Size:	84379425
Trk Light (cm)	183
Trd Wth (cm)	92
Tyr Dist Ctr(cm)	115
TireWt (lbs):	12,800
Road PSI:	NA
Field PSI:	NA
Arrival PSI	NA



394
448
486
523
577

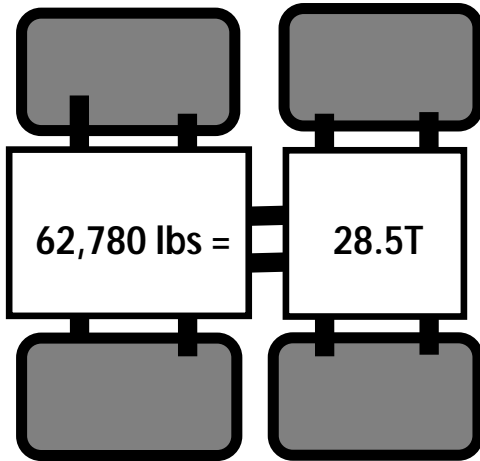
Exh#:	S44	ExhNote:		Field/Road psi, Lft/Rgt tires, Hvy/Lgt wt
ExhName:		OwnerName:	Delta Power	Phone#:
EquipType:	Articulated Track Tractor	Make:	Case IH	Model:
				540 Quadtrac

INFO	Track
Tire/Trk Make:	Continental
Tire Model:	Trackman
Tire Type:	Armarlug Ultra
Tire Size:	84379425
Trk Lght (cm)	183
Trd Wth (cm)	92
Tyr Dist Ctr(cm)	115
TireWt (lbs):	18460
Road PSI:	NA
Field PSI:	NA
Arrival PSI	NA

Axle Distance (cm)									
1	2	3	4	5	6	7	8	9	10
0	58	95	130	183	394	448	486	523	577

INFO	Track
Tire/Trk Make:	
Tire Model:	
Tire Type:	
Tire Size:	
Trk Lght (cm)	
Trd Wth (cm)	
Tyr Dist Ctr(cm)	
TireWt (lbs):	12840
Road PSI:	NA
Field PSI:	NA
Arrival PSI	NA

INFO	Track
Tire/Trk Make:	
Tire Model:	
Tire Type:	
Tire Size:	
Trk Lght (cm)	
Trd Wth (cm)	
Tyr Dist Ctr(cm)	
TireWt (lbs):	18680
Road PSI:	NA
Field PSI:	NA
Arrival PSI	NA



INFO	Track
Tire/Trk Make:	
Tire Model:	
Tire Type:	
Tire Size:	
Trk Lght (cm)	
Trd Wth (cm)	
Tyr Dist Ctr(cm)	
TireWt (lbs):	12800
Road PSI:	NA
Field PSI:	NA
Arrival PSI	NA

Articulated Tractor - Tracked

S45 - Tomato Harvest Wagon

Compaction Event Report: St. Clair (S45)

S45

Tomato Harvest Wagon



Aug 5,6,7, 2025
Rutherford, Ontario





S45_FieldHighPressure
Tire Layout - Overhead View



Left Side

Right Side

Axle # 3, Total Weight: 15740 lbs
Axle # 4, Total Weight: 13540 lbs
Total Weight: 29280 lbs

nan
nan
425/65R22



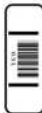
7660 lbs
100 psi

nan
Michelin
425/65R22



8080 lbs
100 psi

nan
Michelin
445/65R22



7120 lbs
100 psi

G286
Goodyear
425/65R22



6420 lbs
100 psi

S45_FieldHighPressure
Tire Layout - Overhead View



Left Side

Right Side

Axle # 3, Total Weight: 15740 lbs
Axle # 4, Total Weight: 13540 lbs
Total Weight: 29280 lbs

nan
Sallun
425/65R22



7660 lbs
100 psi

nan
Michelin
425/65R22



8080 lbs
100 psi

nan
Michelin
445/65R22



7120 lbs
100 psi

G286
Goodyear
425/65R22

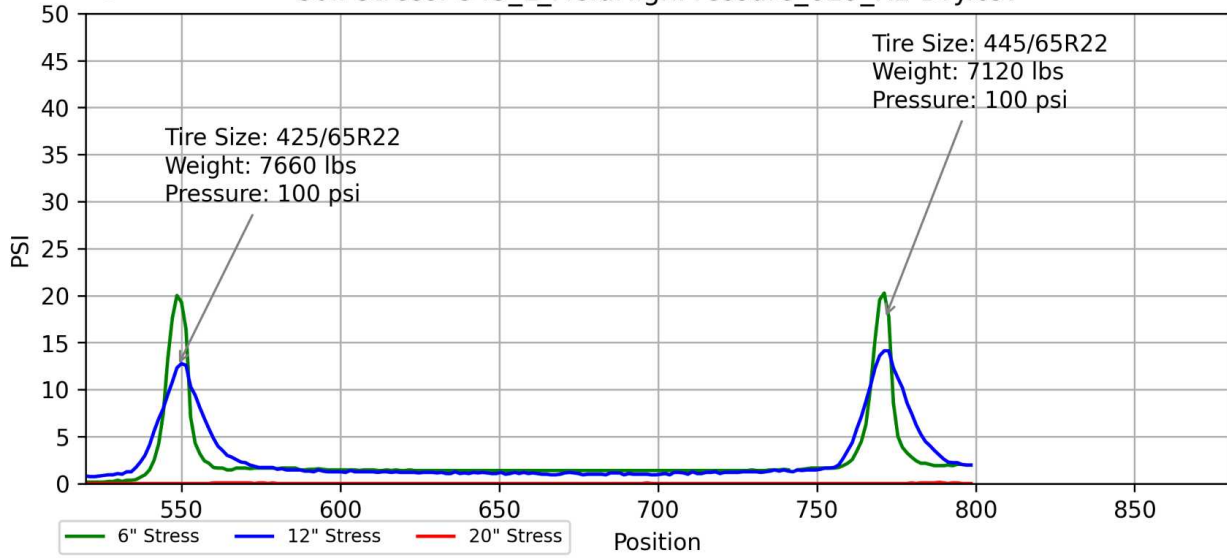


6420 lbs
100 psi

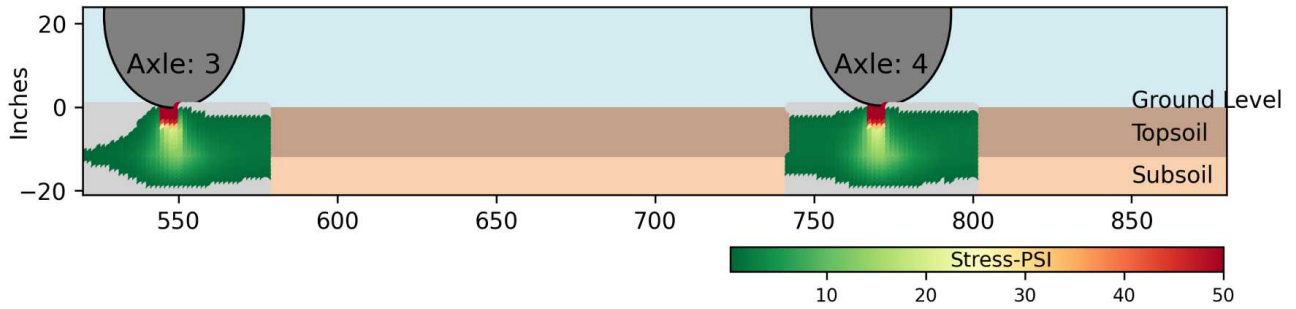
S45 R1-Dry Tomato Wagon

Dry Soil

Soil Stress: S45_L_FieldHighPressure_629_R1-Dry.csv



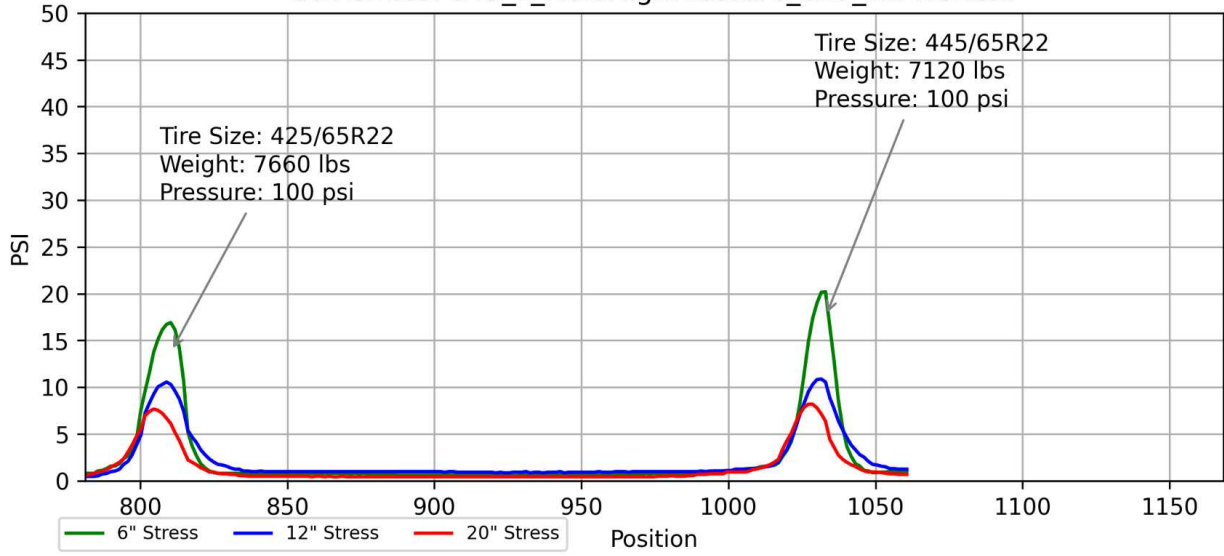
Estimated Soil Effect Under Tires



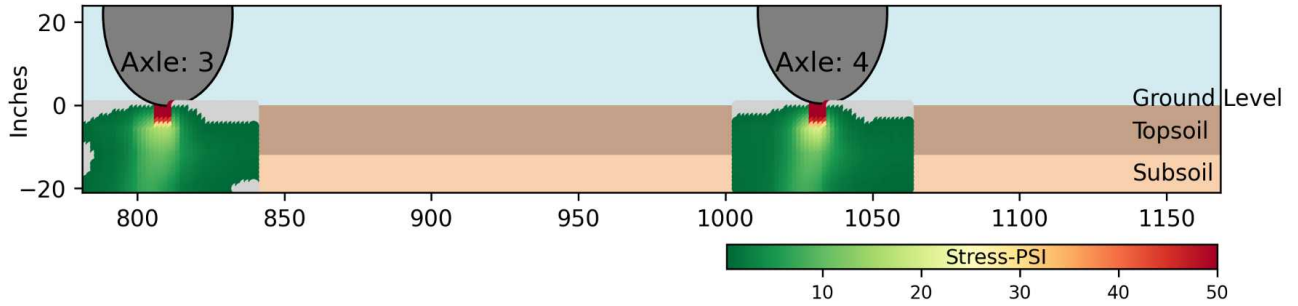
S45 R1-Wet Tomato Wagon

Wet Soil

Soil Stress: S45_L_FieldHighPressure_629_R1-Wet.csv



Estimated Soil Effect Under Tires



Exh#:	545	ExhNote:		Field/Road psi, Lft/Rgt tires, HVY/Lgt wt
ExhName:		OwnerName:		Phone#:
EquipType:	Tomato Wagon	Make:	GA	Model:

INFO	Tire 1	Tire 2	Tire 3	Tire 4	Tire 5	Tire 6	Tire 7	Tire 8
Tire/Trk Make:	Michelin	Michelin	Michelin	GoodYear				
Tire Model:	Safran			628G				
Tire Type: #	629	630	631	632				
Tire Size:	Y45/L5R22.5	Y45/L5R	Y45/L5R22.5	Y25/L5R22.5				
Trd Wth (cm)	34	34	38	34				
Tyr Dist Ctr(cm)	80							
TireWt (lbs):	7660	8080	7120	6420				
Road PSI:	100	100	100	100				
Field PSI:								
Arrival PSI:	81	87	85	85				

Ax Dist (cm)	
1	0
2	625
3	1190
4	
5	
6	
7	
8	



INFO	Tire 9	Tire 10	Tire 11	Tire 12	Tire 13	Tire 14	Tire 15	Tire 16
Tire/Trk Make:				Michelin				
Tire Model:				263				
Tire Type:								
Trd Wth (cm)								
Tyr Dist Ctr(cm)								
Tire Size:								
TireWt (lbs):								
Road PSI:								
Field PSI:								
Arrival PSI:								

Number Tires!

277

Large Wagons / Trailers / Tanks / Etc

Empty or loaded?

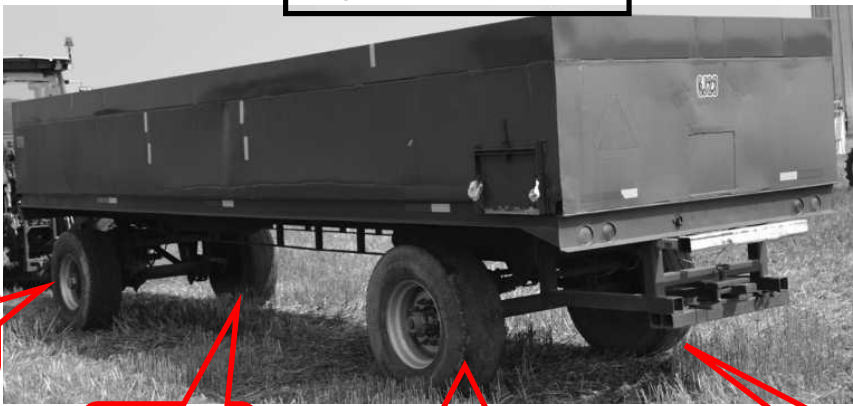
CTIS: Yes / No

Exh#:	S45	ExhNote:		Field/Road psi, Lft/Rgt tires, Hvy/Lgt wt
ExhName:		OwnerName:		Phone#:
EquipType:	Tomato Harvest Wagon		Make:	6A
			Model:	CJ 23

INFO	Tire 1	Tire 2	Tire 3	Tire 4	Tire 5	Tire 6	Tire 7	Tire 8
Tire/Trk Make:	Sallun	Michelin	Michelin	GoodYear				
Tire Model:				G286				
Tire Type:	629	630	631	632				
Tire Size:	425/65R22.5	425/65R22.5	425/65R22.5	425/65R22.5				
Trd Wth (cm)	34	34	38	34				
Tyr Dist Ctr(cm)	80	80	80	80				
TireWt (lbs):	7660	8080	7120	6420				
Road PSI:	100	100	100	100				
Field PSI:								
Arrival PSI:	81	87	85	85				

Ax Dist (cm)	
1	0
2	
3	625
4	1190
5	
6	
7	
8	

29,280 lbs = 13.3T



Tire 1

Tire 2

Tire 3

Tire 14

Number Tires!

Large Wagons / Trailers / Tanks / Etc

Empty or Loaded?

CTIS: Yes / No

Exh#:	S35	ExhNote:		Field/Road psi, Lft/Rgt tires, Hvy/Lgt wt
ExhName:		OwnerName:	Advantage	Phone#:
EquipType:	Row Crop Tractor	Make:	Fendt	Model:
				1042 Vario

INFO	Inside	Outside
Tire/Trk Make:	Trelleborg	
Tire Model:	TM1000	
Tire Type:	IF	
Tire Size:	710/60R38	
Trd Wth (cm)	72	
Tyr Dist Ctr(cm)	105.5	
Tire Wt (lbs):	7180	
Road PSI:	21	
Field PSI:	12	
Arrival PSI	10	

Axle Distance (cm)							
1	2	3	4	5	6	7	8
0	332						

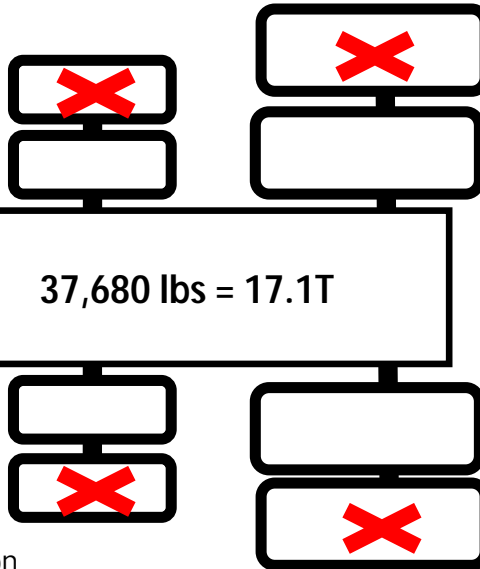
INFO	Inside	Outside
Tire/Trk Make:	Michelin	
Tire Model:	AXIOBIB	
Tire Type:	IF	
Tire Size:	900/65R46	
Trd Wth (cm)	87	
Tyr Dist Ctr(cm)	111	
Tire Wt (lbs):	11700	
Road PSI:	19	
Field PSI:	12	
Arrival PSI	16	



37,680 lbs = 17.1T

INFO	Inside	Outside
Tire/Trk Make:		
Tire Model:		
Tire Type:		
Tire Size:		
Trd Wth (cm)		
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	7120	
Road PSI:	21	
Field PSI:	12	
Arrival PSI	9	

With inflation system, added 6psi for road pressure



INFO	Inside	Outside
Tire/Trk Make:		
Tire Model:		
Tire Type:		
Tire Size:		
Trd Wth (cm)		
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	11680	
Road PSI:	19	
Field PSI:	12	
Arrival PSI	9	

Row Crop Tractor - Wheeled

CTIS: Yes / No?

**S52 - GMC 2500 Pickup Truck W/WO Full Tote RJ Equip 600 BU Gravity Wagon
w Two Tire Types**

Compaction Event Report: St. Clair (S52)

S52

GMC 2500 Pickup Truck W&WO Full Tote RJ Equip 600 BU Gravity Wagon w Two Tire Types



Aug 5,6,7, 2025
Rutherford, Ontario











S52_FieldHighPressure
Tire Layout - Overhead View



Left Side

Right Side

Axle #: 1, Total Weight: 5280 lbs
Axle #: 2, Total Weight: 4000 lbs
Axle #: 3, Total Weight: 17360 lbs
Axle #: 4, Total Weight: 16440 lbs
Total Weight: 43080 lbs

Wrangler
Goodyear
295/70R17
2740 lbs
65 psi

Wrangler
Goodyear
295/70R17
2520 lbs
65 psi

Wrangler
Goodyear
295/70R17
2000 lbs
65 psi

Wrangler
Goodyear
295/70R17
2000 lbs
65 psi

FloatMax FT
CEAT
560/45R22
8740 lbs
40 psi

Smart Am15
Hancooke
425/65R22
8620 lbs
100 psi

FloatMax FT
CEAT
560/45R22
9440 lbs
40 psi

G296MSA
Goodyear
425/65R22
7000 lbs
100 psi

S52_LoadedwithStuff
Tire Layout - Overhead View



Left Side

Right Side

Axle #: 1, Total Weight: 4880 lbs
Axle #: 2, Total Weight: 6540 lbs
Total Weight: 11420 lbs

Wrangler
Goodyear
295/70R17



2500 lbs
65 psi

Wrangler
Goodyear
295/70R17



2380 lbs
65 psi

Wrangler
Goodyear
295/70R17



3320 lbs
65 psi

Wrangler
Goodyear
295/70R17



3220 lbs
65 psi

S52_PickupEmpty
Tire Layout - Overhead View



Left Side

Right Side

Axle #: 1, Total Weight: 5260 lbs
Axle #: 2, Total Weight: 4000 lbs
Total Weight: 9260 lbs

Wrangler
Goodyear
295/70R17



2740 lbs
65 psi

Wrangler
Goodyear
295/70R17



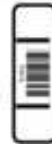
2520 lbs
65 psi

Wrangler
Goodyear
295/70R17



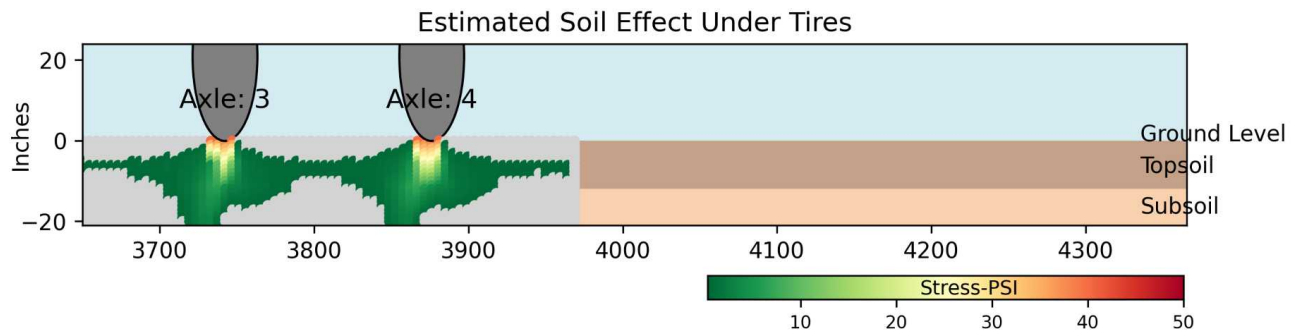
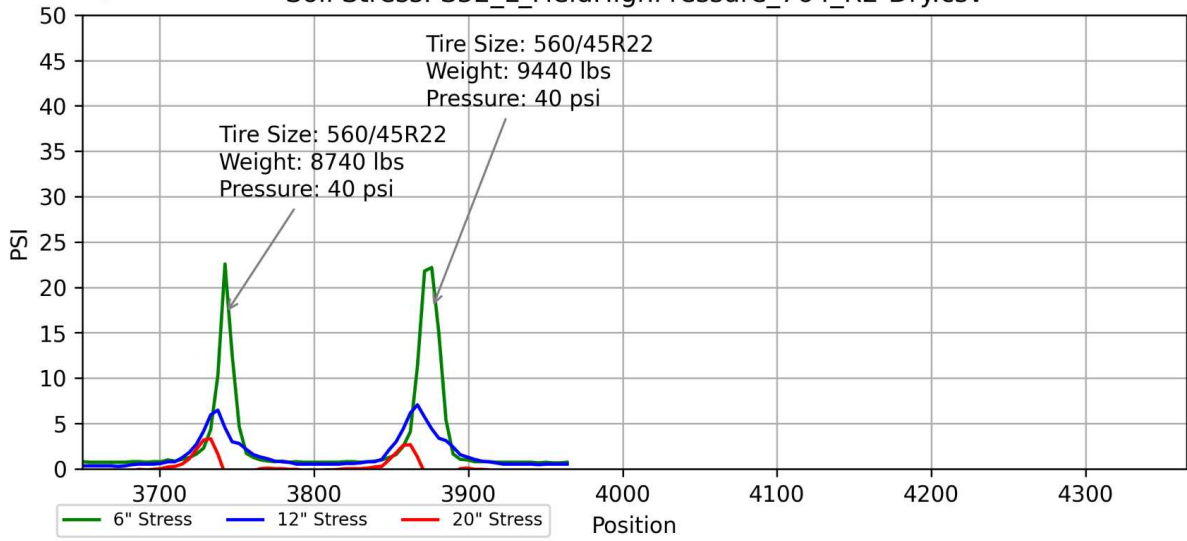
2000 lbs
65 psi

Wrangler
Goodyear
295/70R17



2000 lbs
65 psi

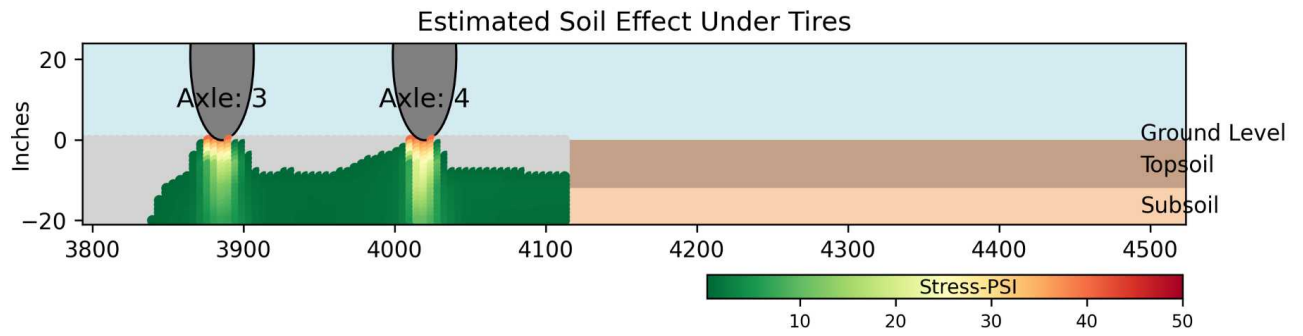
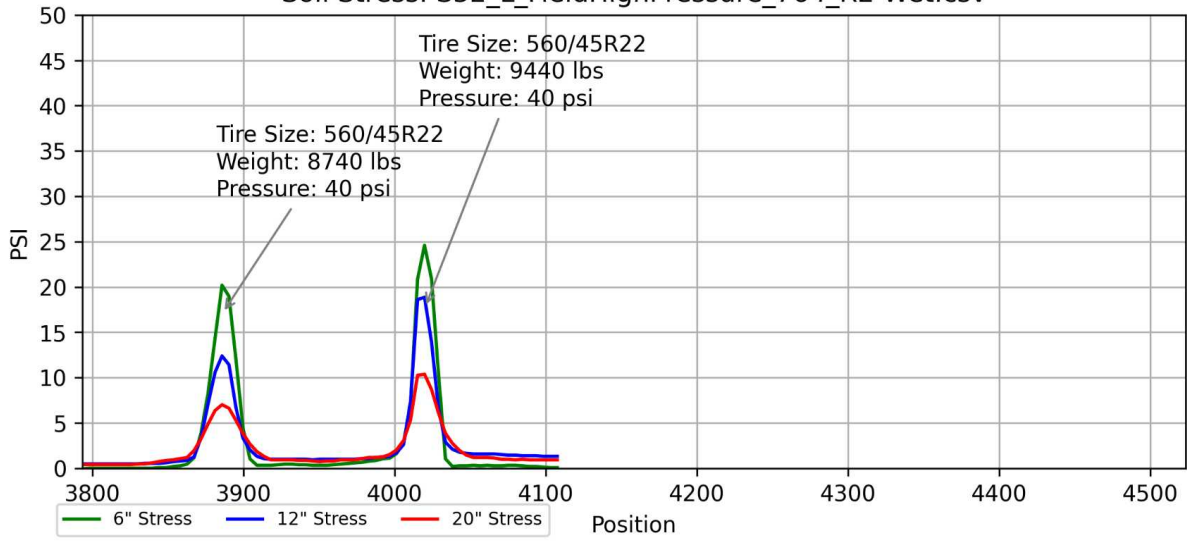
S52 R2-Dry Gravity Wagon
 Dry Soil Soil Stress: S52_L_FieldHighPressure_764_R2-Dry.csv



S52 R2-Wet Gravity Wagon

Wet Soil

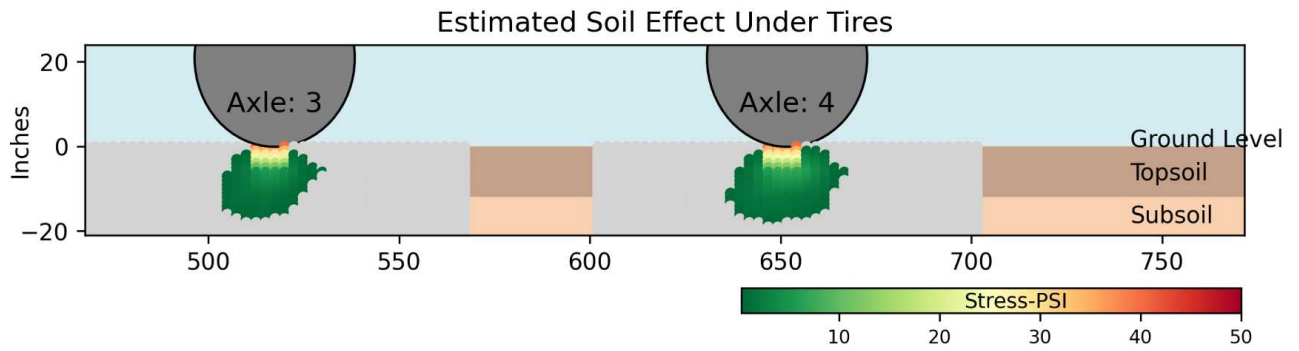
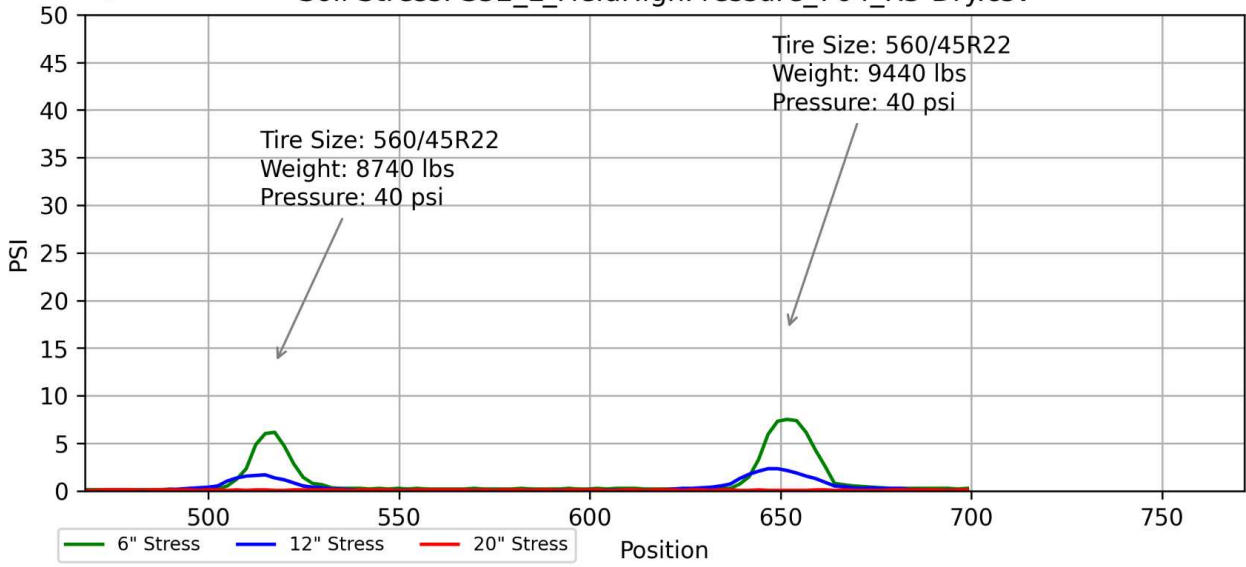
Soil Stress: S52_L_FieldHighPressure_764_R2-Wet.csv



S52 R3-Dry Gravity Wagon

Dry Soil

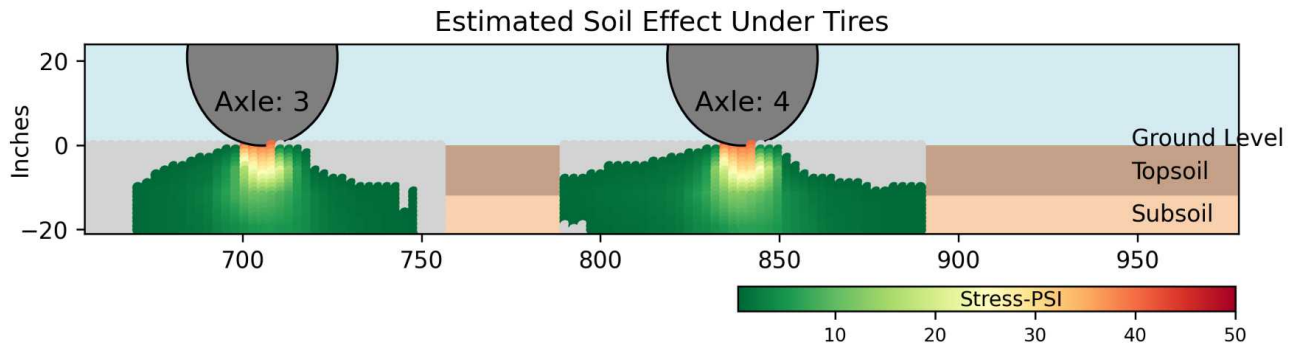
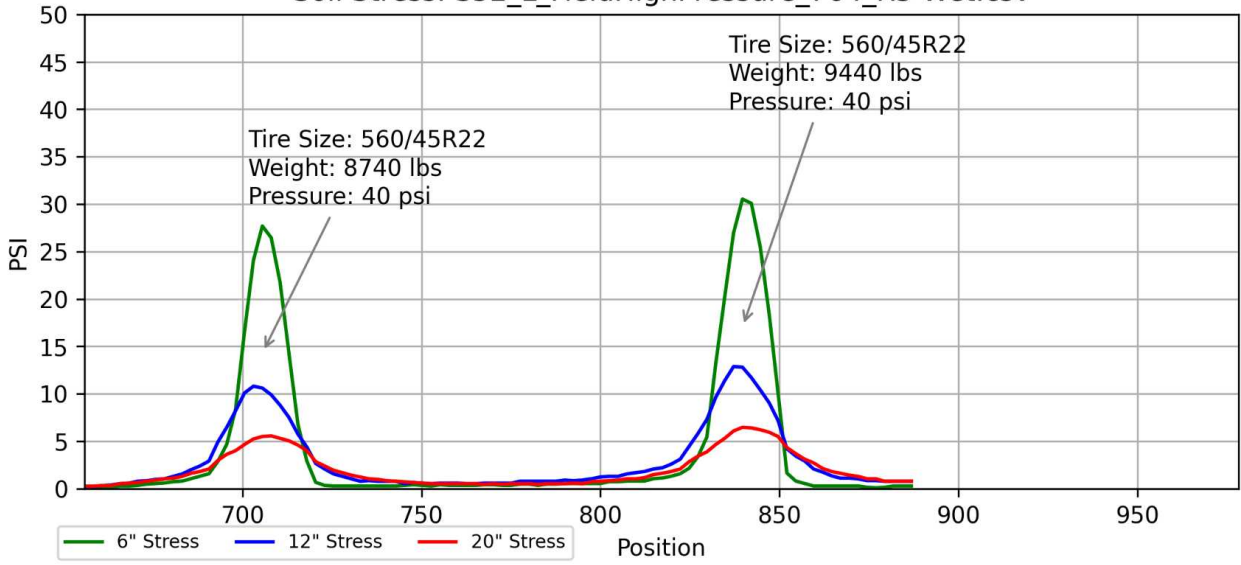
Soil Stress: S52_L_FieldHighPressure_764_R3-Dry.csv



S52 R3-Wet Gravity Wagon

Wet Soil

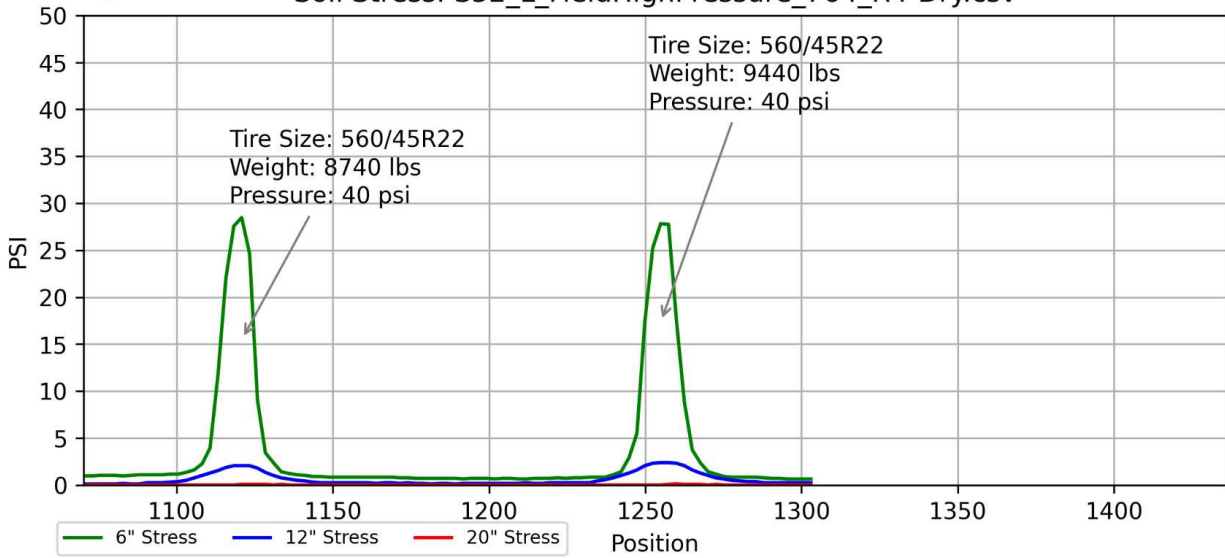
Soil Stress: S52_L_FieldHighPressure_764_R3-Wet.csv



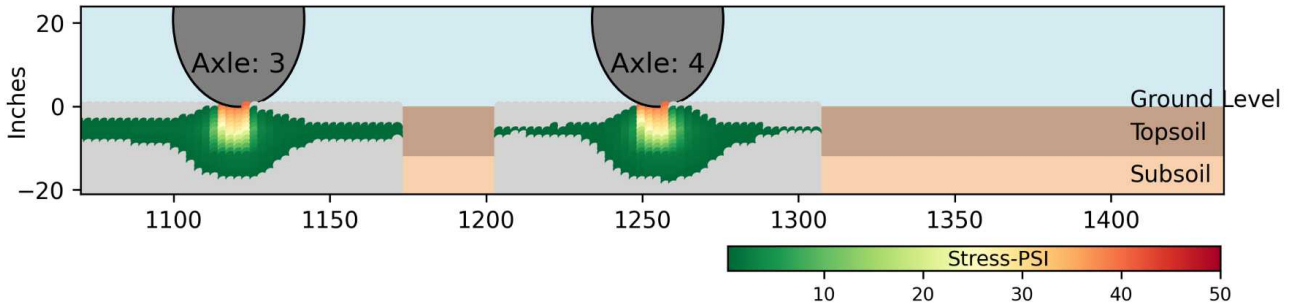
S52 R4-Dry Gravity Wagon

Dry Soil

Soil Stress: S52_L_FieldHighPressure_764_R4-Dry.csv



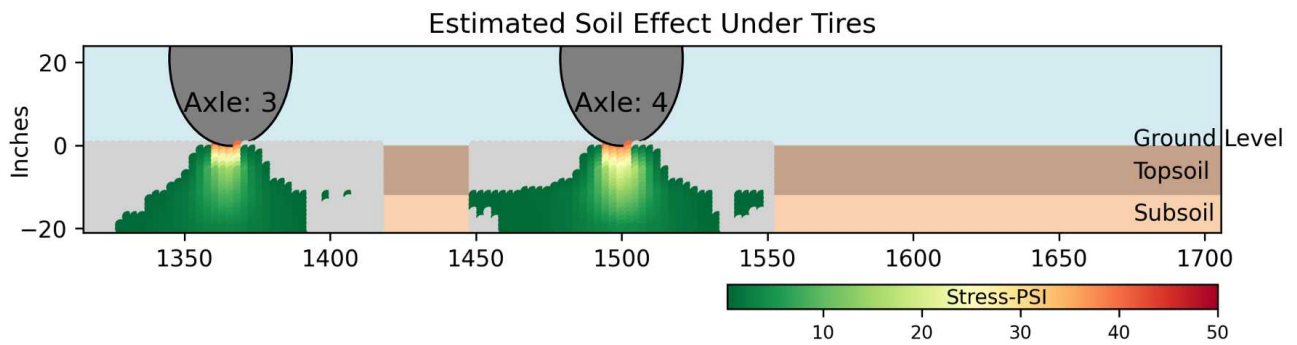
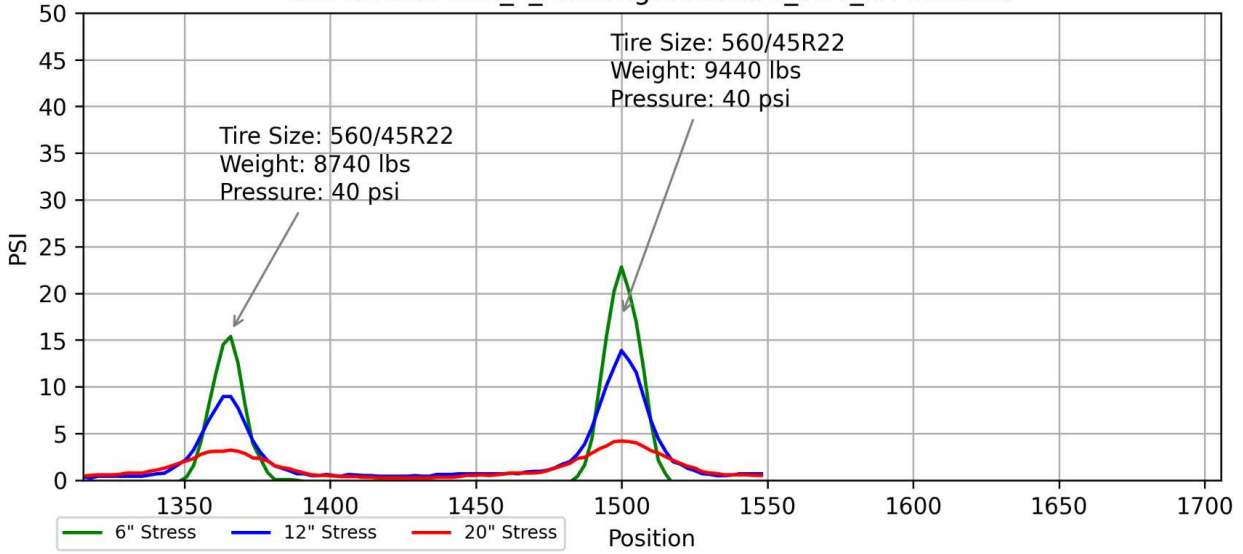
Estimated Soil Effect Under Tires



S52 R4-Wet Gravity Wagon

Wet Soil

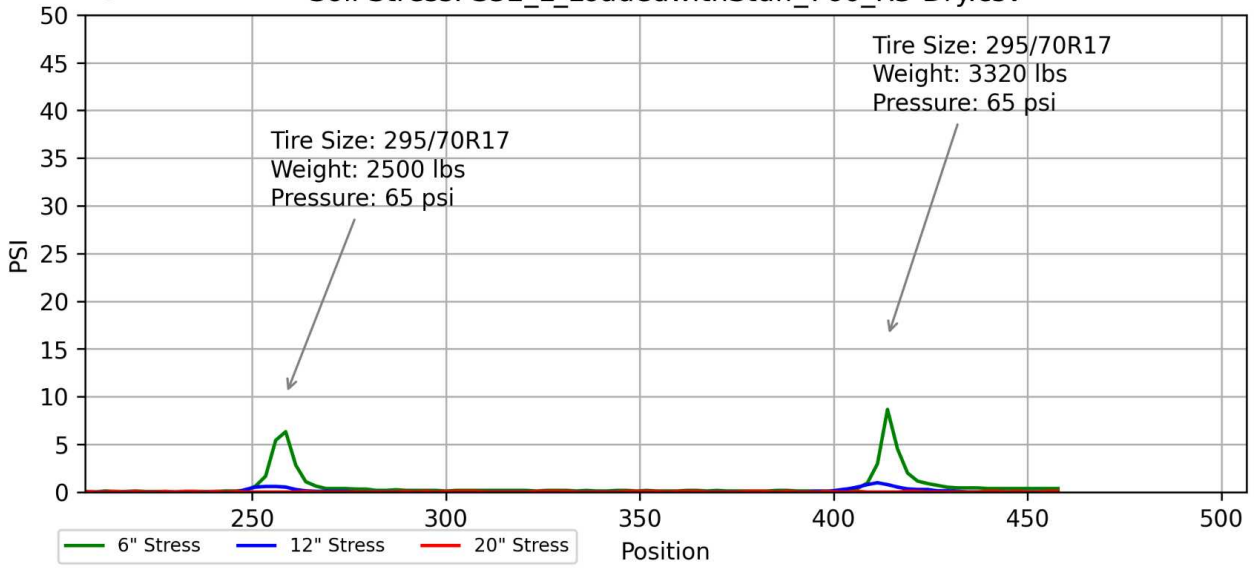
Soil Stress: S52_L_FieldHighPressure_764_R4-Wet.csv



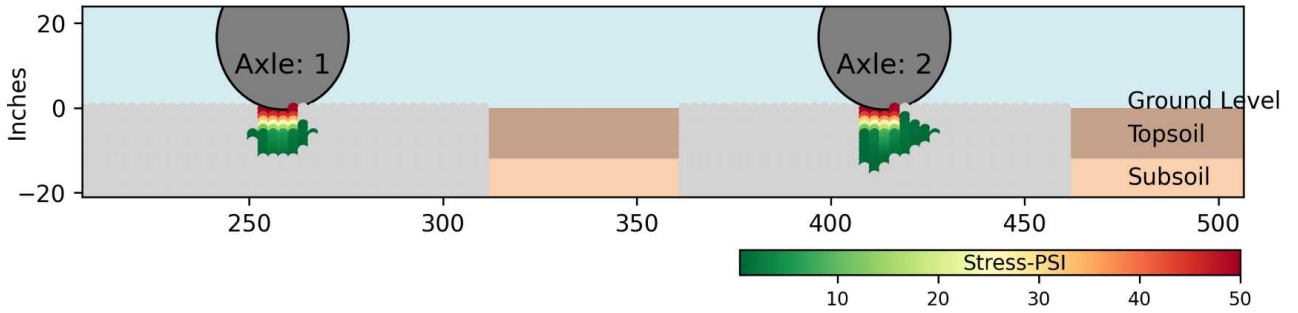
S52 R3-Dry Pickup Truck

Dry Soil

Soil Stress: S52_L_LoadedwithStuff_760_R3-Dry.csv



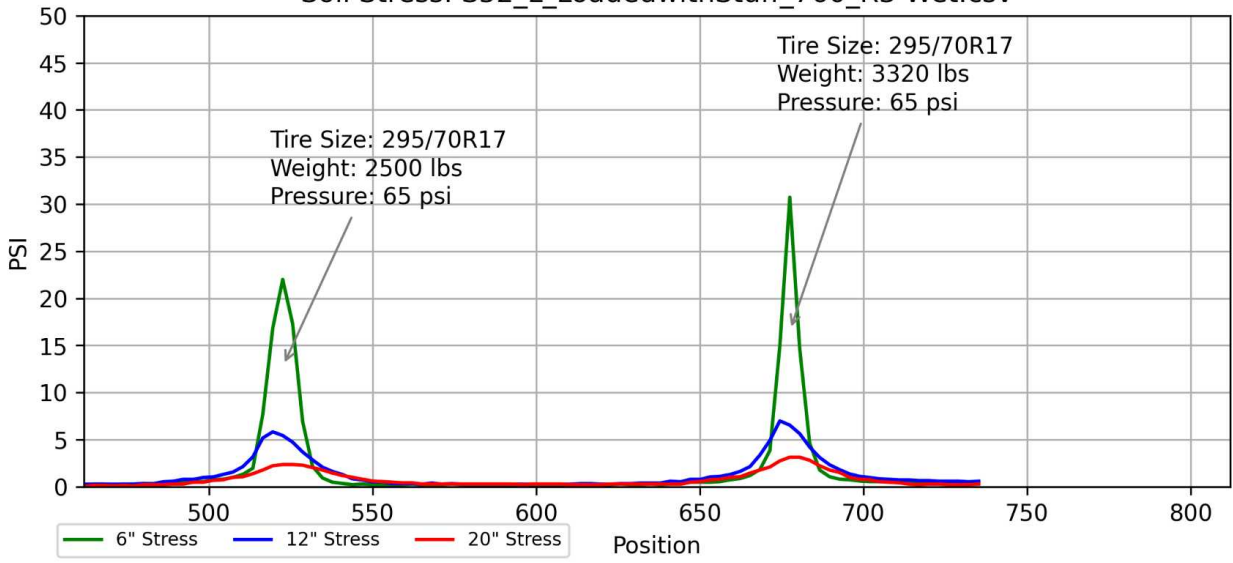
Estimated Soil Effect Under Tires



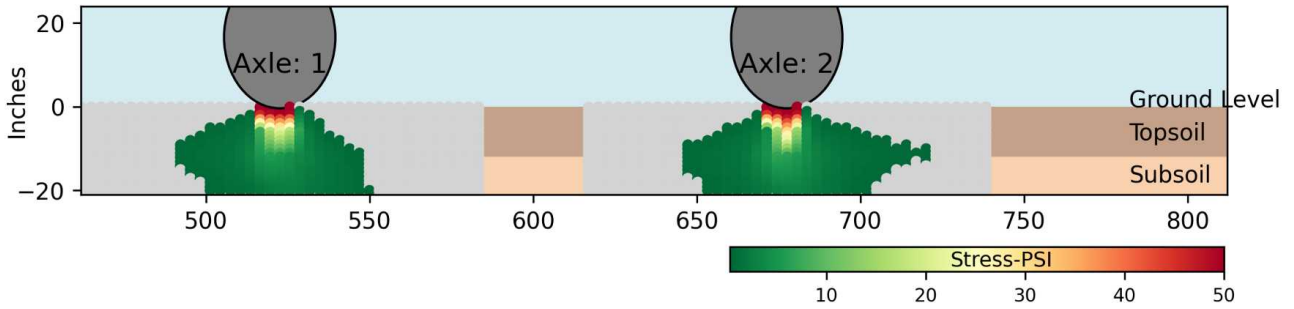
S52 R3-Wet Pickup Truck

Wet Soil

Soil Stress: S52_L_LoadedwithStuff_760_R3-Wet.csv



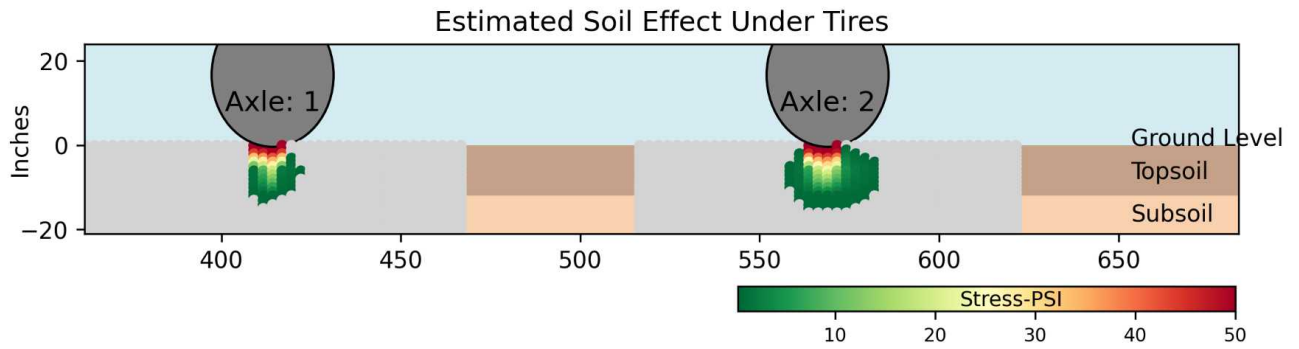
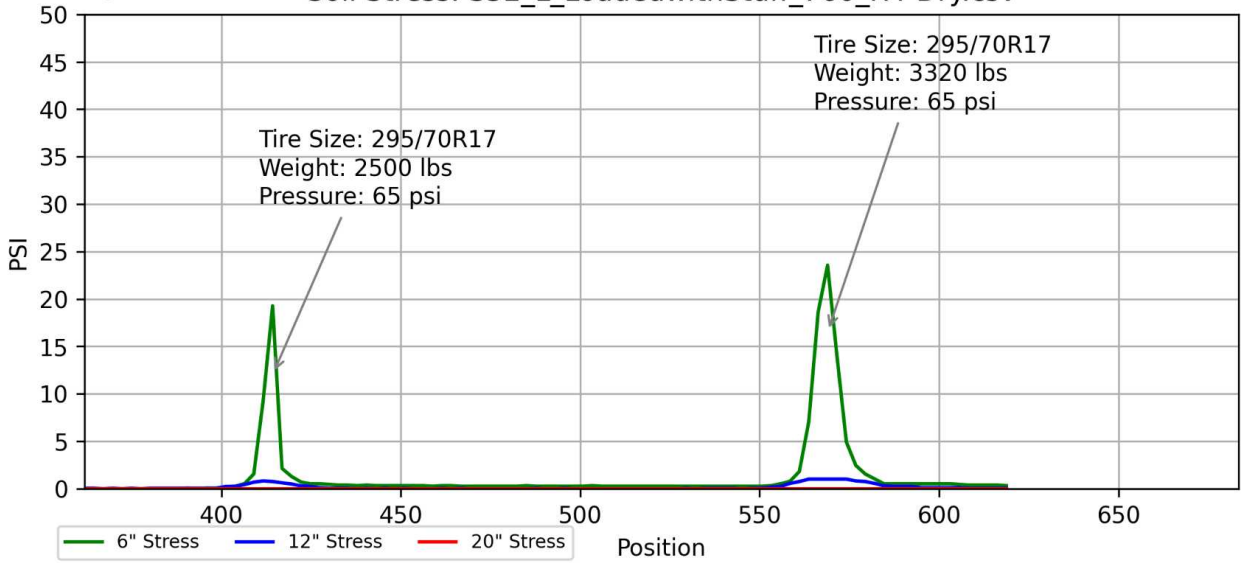
Estimated Soil Effect Under Tires



S52 R4-Dry Pickup Truck

Dry Soil

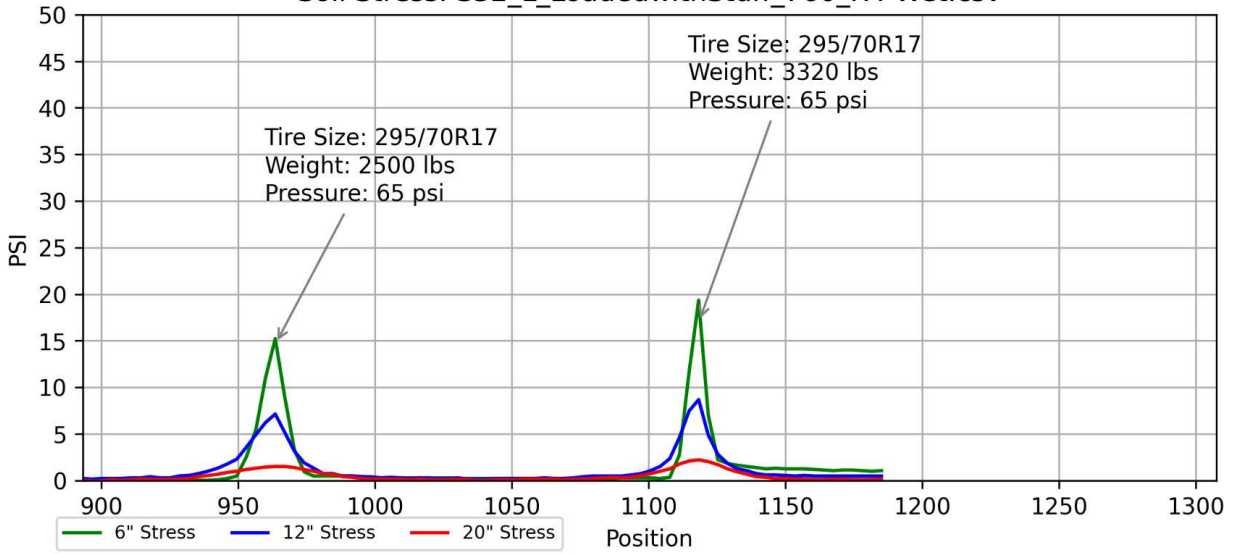
Soil Stress: S52_L_LoadedwithStuff_760_R4-Dry.csv



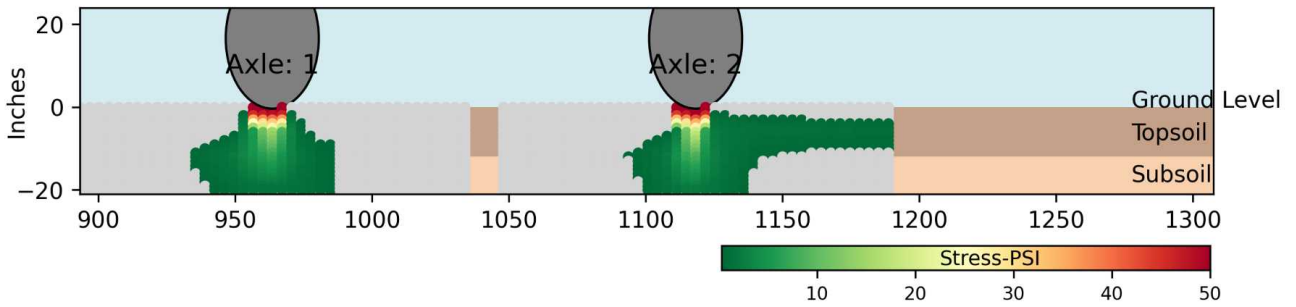
S52 R4-Wet Pickup Truck

Wet Soil

Soil Stress: S52_L_LoadedwithStuff_760_R4-Wet.csv



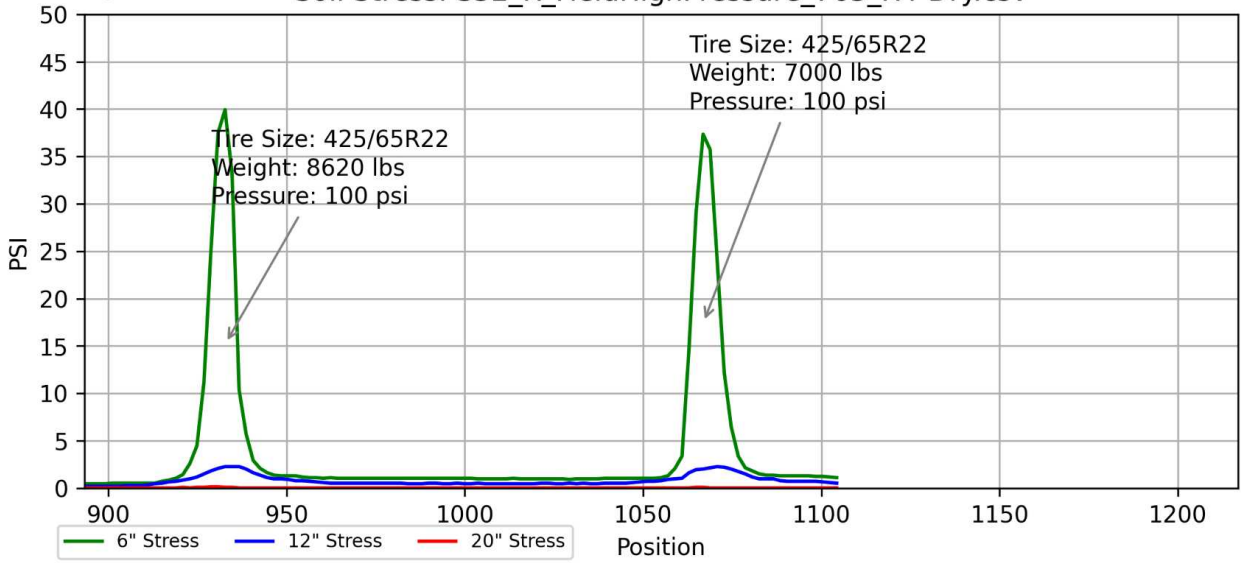
Estimated Soil Effect Under Tires



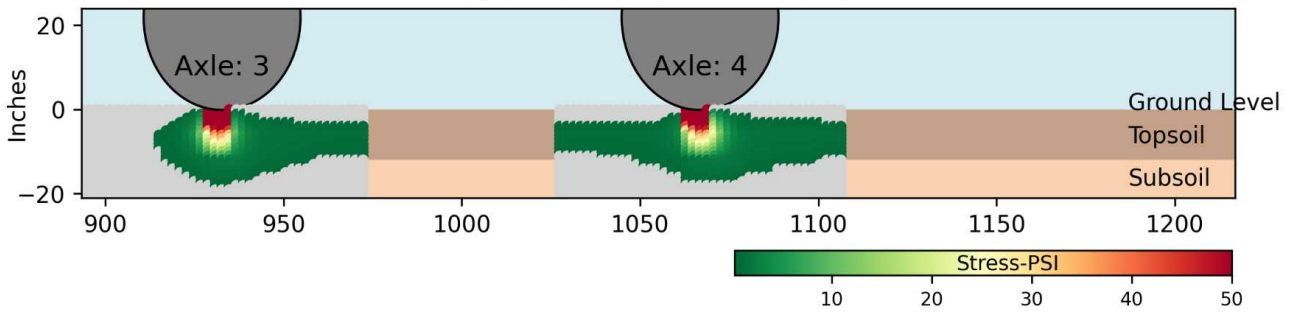
S52 R4-Dry Gravity Wagon

Dry Soil

Soil Stress: S52_R_FieldHighPressure_763_R4-Dry.csv



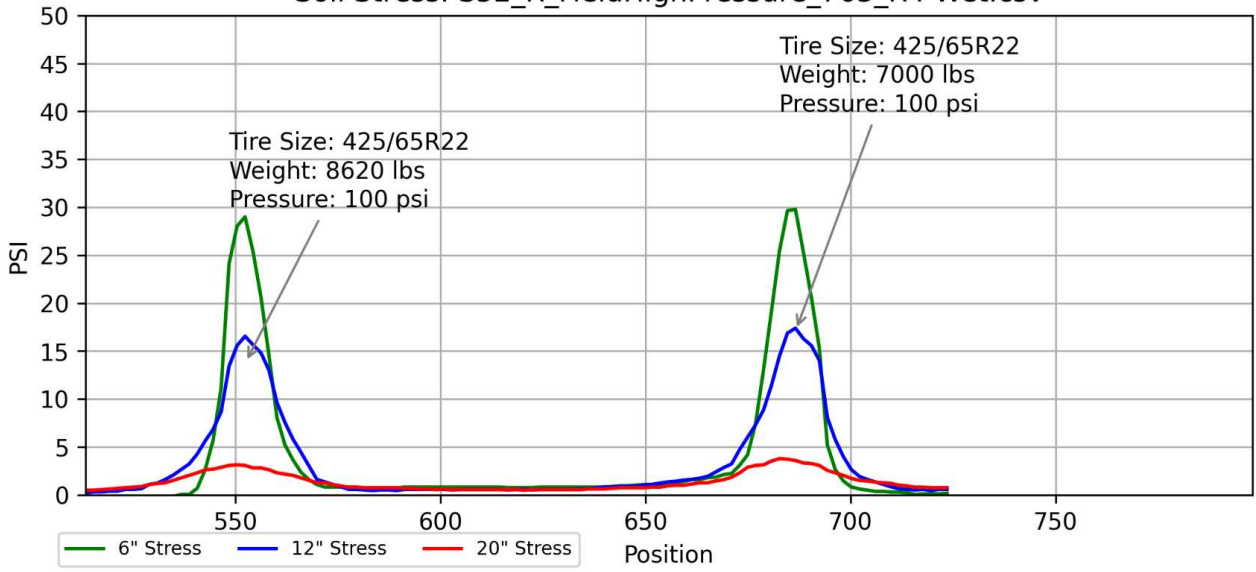
Estimated Soil Effect Under Tires



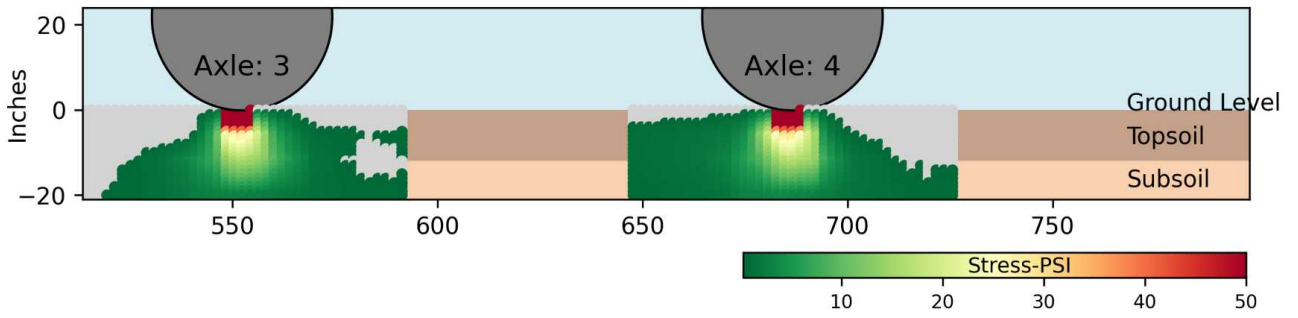
S52 R4-Wet Gravity Wagon

Wet Soil

Soil Stress: S52_R_FieldHighPressure_763_R4-Wet.csv



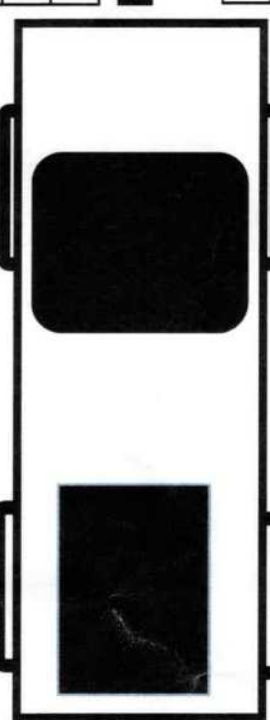
Estimated Soil Effect Under Tires



Exh#:	3524	ExhNote:		Field/Road psi, Lft/Rgt tires, Hvy/Lgt wt
ExhName:		OwnerName:	Mc Gee	Phone#:
EquipType:		Make:	GMC Duramax	Model:
				2500HD

Axle Distance (cm)							
1	2	3	4	5	6	7	8
0	392						

INFO	Inside	Outside
Tire/Trk Make:		
Tire Model:		
Tire Type:		
Tire Size:		
Trd Wth (cm)		
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	2520	
Road PSI:	65	
Field PSI:		
Arrival PSI	60	



INFO	Inside	Outside
Tire/Trk Make:		
Tire Model:		
Tire Type:		
Tire Size:		
Trd Wth (cm)		
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	2140	
Road PSI:	65	
Field PSI:		
Arrival PSI	70	



INFO	Inside	Outside
Tire/Trk Make:	Good year	
Tire Model:	Wrathfen	
Tire Type:		
Tire Size:	295 70R17	
Trd Wth (cm)	25	
Tyr Dist Ctr(cm)	172 ÷ 2	
Tire Wt (lbs):	2000	
Road PSI:	65	
Field PSI:		
Arrival PSI	70	

302

INFO	Inside	Outside
Tire/Trk Make:		
Tire Model:		
Tire Type:		
Tire Size:		
Trd Wth (cm)		
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	2000	
Road PSI:	65	
Field PSI:		
Arrival PSI	70	

CTIS: Yes / No?

Exh#: 552 B ExhNote: Gravity Wagon

ExhName: Gravity Wagon

EquipType:

OwnerName: Jackson

Make: RJ Equipment

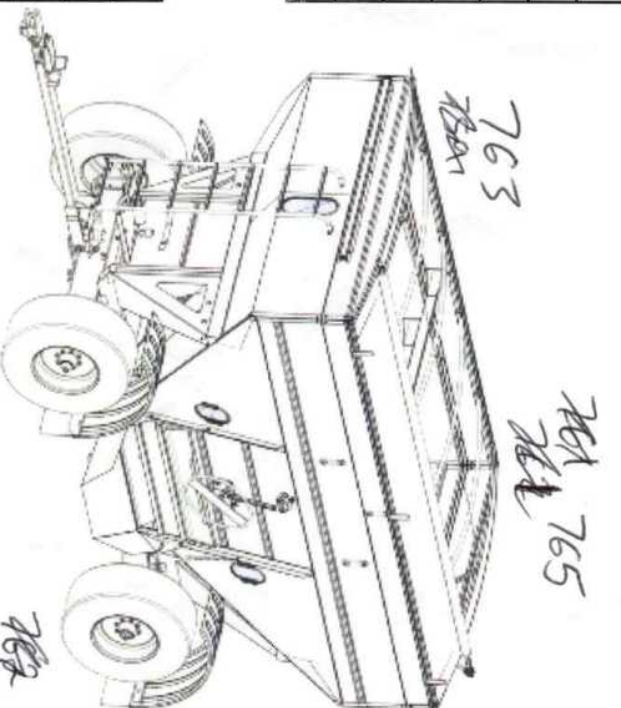
Field/Road psi, Lft/Rgt tires, rvy/Lgt wt

Phone#:

Model:

INFO	Inside	Outside
Tire/Trk Make:	Hancock	ON/OFF Road
Tire Model:	Smart AN15	
Tire Type:		
Tire Size:	425/65R22.5	
Trd Wth (cm)	34	
Tyr Dist Ctr(cm)	110	
Tire Wt (lbs):	8620	
Road PSI:	100	
Field PSI:	100	
Arrival PSI	100	

Axle Distance (cm)	
1	2
3	4
5	6
7	8
0	820
	1100



763
764
765
766
767
768

length of 560 / 45 R22.5
cast

INFO	Inside	Outside
Tire/Trk Make:	Michelin	
Tire Model:	X2Y	
Tire Type:		
Tire Size:	425/65R22.5	
Trd Wth (cm)	35	
Tyr Dist Ctr(cm)	110	
Tire Wt (lbs):	8940	
Road PSI:	100	
Field PSI:	100	
Arrival PSI	100	

INFO	Inside	Outside
Tire/Trk Make:	Goodyear	
Tire Model:	G296 MSA	
Tire Type:		
Tire Size:	425/65R22.5	
Trd Wth (cm)	34	
Tyr Dist Ctr(cm)	110	
Tire Wt (lbs):	7000	
Road PSI:	40	
Field PSI:	33	
Arrival PSI	100	

INFO	Inside	Outside
Tire/Trk Make:	Michelin	
Tire Model:	X2Y	
Tire Type:		
Tire Size:	425/65R22.5	
Trd Wth (cm)	35	
Tyr Dist Ctr(cm)	110	
Tire Wt (lbs):	9440	
Road PSI:	40	
Field PSI:	33	
Arrival PSI	100	

Gravity Wagon

CTIS: Yes / No?

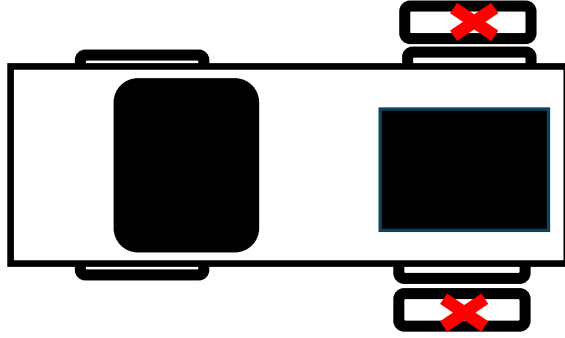
Exh#:	S52A	ExhNote:	S52B	Field/Road psi, Lft/Rgt tires, Hvy/Lgt wt
ExhName:		OwnerName:	McGee	Phone#:
EquipType:	Pickup Truck w/wo Full Tote	Make:	GMC Dura Max	Model:
				2500 HD

INFO	WO Tote	W Tote
Tire/Trk Make:	Goodyear	
Tire Model:	Wrangler	
Tire Type:	Radial	
Tire Size:	295/70R17	
Trd Wth (cm)	25	
Tyr Dist Ctr(cm)	86	
Tire Wt (lbs):	2520	2380
Road PSI:	65	
Field PSI:		
Arrival PSI	60	

Axle Distance (cm)							
1	2	3	4	5	6	7	8
0	392						

INFO	WO Tote	W Tote
Tire/Trk Make:		
Tire Model:		
Tire Type:		
Tire Size:		
Trd Wth (cm)		
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	2000	3220
Road PSI:	65	
Field PSI:		
Arrival PSI	70	

INFO	WO Tote	W Tote
Tire/Trk Make:		
Tire Model:		
Tire Type:		
Tire Size:		
Trd Wth (cm)		
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	2740	2500
Road PSI:	65	
Field PSI:		
Arrival PSI	70	



INFO	WO Tote	W Tote
Tire/Trk Make:		
Tire Model:		
Tire Type:		
Tire Size:		
Trd Wth (cm)		
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	2000	3320
Road PSI:	65	
Field PSI:		
Arrival PSI	70	

Pickup Truck

CTIS: Yes / No?

Exh#:	S52B	ExhNote:	S52A	Field/Road psi, Lft/Rgt tires, Hvy/Lgt wt
ExhName:		OwnerName:		Phone#:
EquipType:	Gravity Wagon		Make:	RJ Equipment
			Model:	600

INFO	Inside	Outside
Tire/Trk Make:	Hancock	
Tire Model:	Smart AM15	
Tire Type:	Radial	
Tire Size:	425/65R22.5	
Trd Wth (cm)	34	
Tyr Dist Ctr(cm)	110	
Tire Wt (lbs):	8620	
Road PSI:	100	
Field PSI:	100	
Arrival PSI	100	

Axle Distance (cm)							
1	2	3	4	5	6	7	8
0							

INFO	Inside	Outside
Tire/Trk Make:	Goodyear	
Tire Model:	G296 MSA	
Tire Type:	Radial	
Tire Size:	425/65R22.5	
Trd Wth (cm)		
Tyr Dist Ctr(cm)		
Tire Wt (lbs):		
Road PSI:	100	
Field PSI:	100	
Arrival PSI	100	



INFO	Inside	Outside
Tire/Trk Make:	CEAT	
Tire Model:	FloatMax FT	
Tire Type:	Radial	
Tire Size:	560/45R22.5	
Trd Wth (cm)	56	
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	8740	
Road PSI:	40	
Field PSI:	33	
Arrival PSI	100	

33,800 lbs = 11.7T

INFO	Inside	Outside
Tire/Trk Make:	CEAT	
Tire Model:	FloatMax FT	
Tire Type:	Radial	
Tire Size:	560/45R22.5	
Trd Wth (cm)	56	
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	9440	
Road PSI:	40	
Field PSI:	33	
Arrival PSI	100	

Gravity Wagon

CTIS: Yes / No

S53 - JD 800R SP Dry Boom Fertilizer Spreader

Compaction Event Report: St. Clair (S53)

S53

JD 800R SP Dry Boom Fertilizer Spreader



Aug 5,6,7, 2025
Rutherford, Ontario





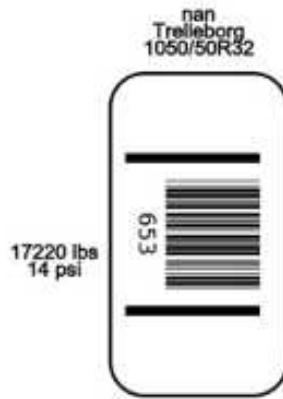
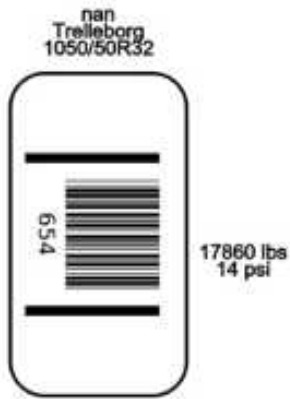
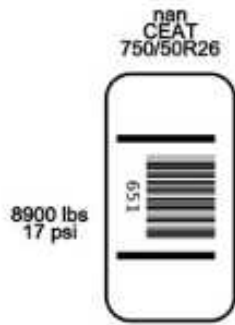
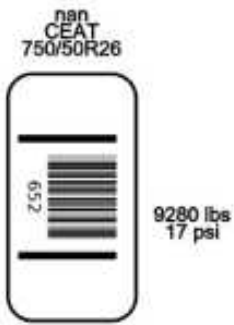




S53_Sprayer-Boom-In-High-Pressure[®] Side Tire Layout - Overhead View

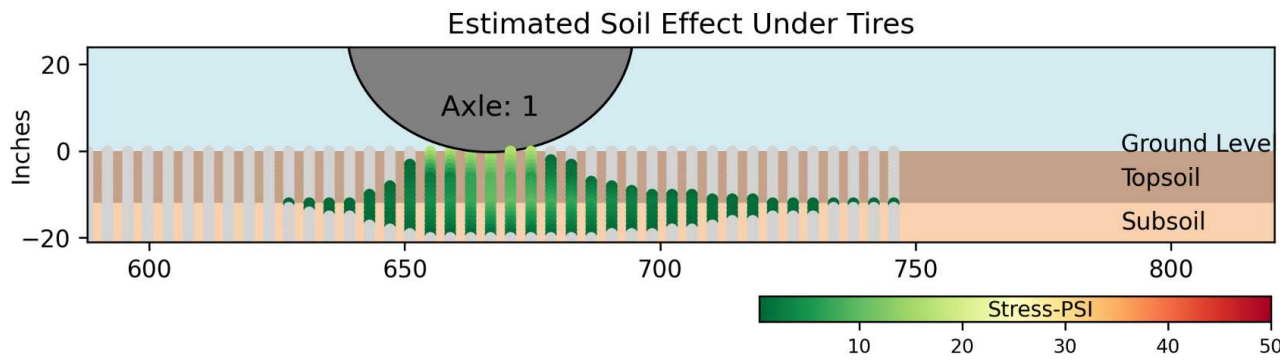
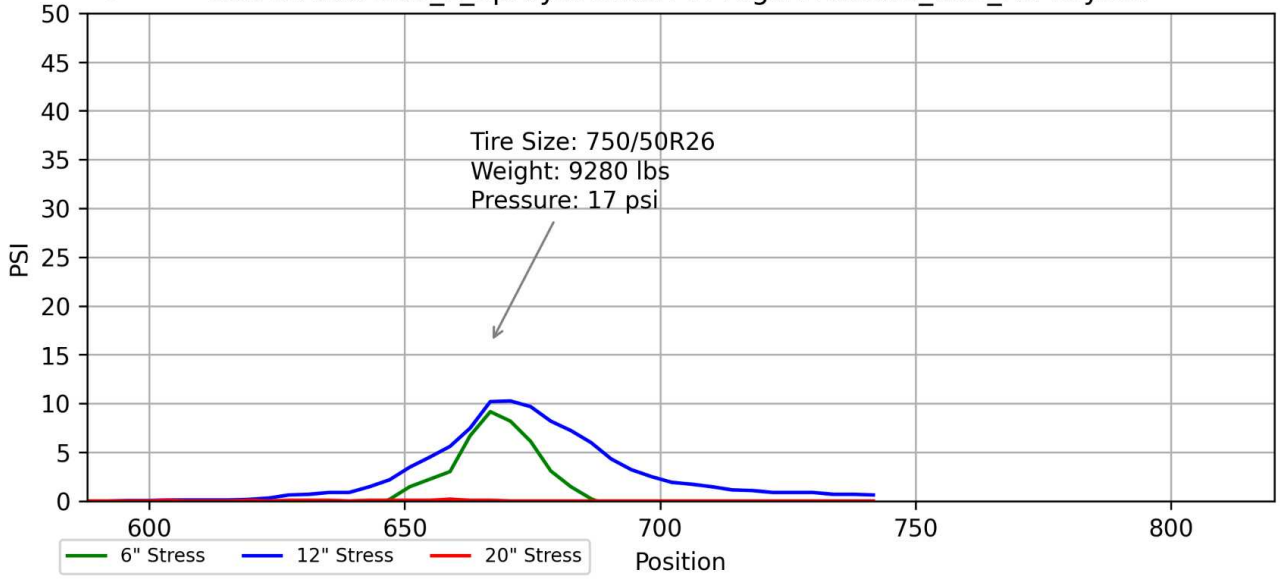
Right Side

Axle #: 1, Total Weight: 18180 lbs
Axle #: 2, Total Weight: 35060 lbs
Total Weight: 53260 lbs



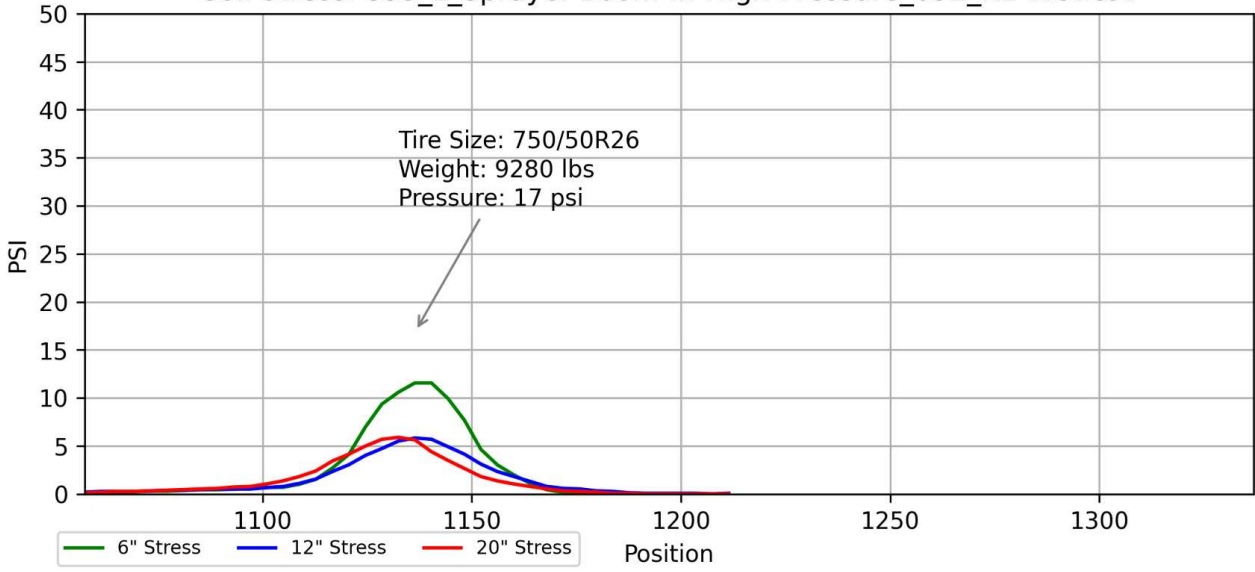
S53 R1-Dry John Deere Sp Fertilizer Spreader

Dry Soil Soil Stress: S53_L_Sprayer-Boom-In-High-Pressure_652_R1-Dry.csv

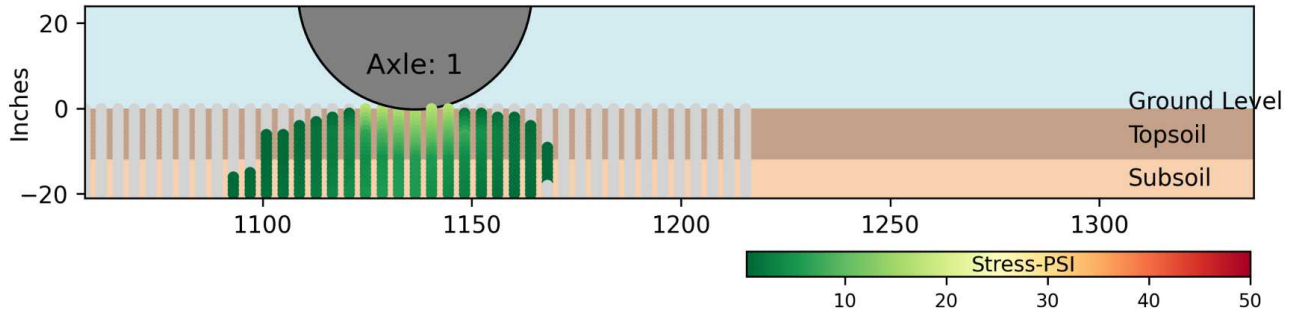


S53 R1-Wet John Deere Sp Fertilizer Spreader

Wet Soil Soil Stress: S53_L_Sprayer-Boom-In-High-Pressure_652_R1-Wet.csv



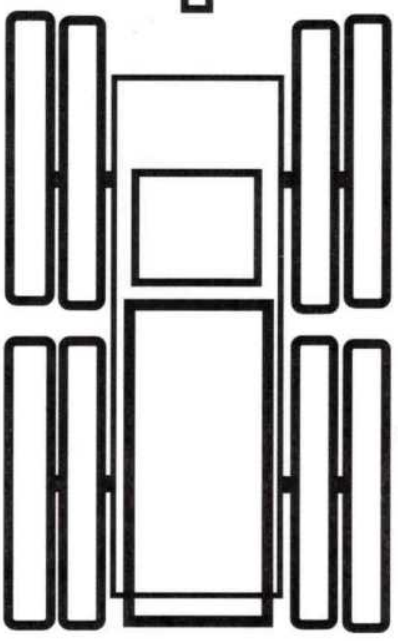
Estimated Soil Effect Under Tires



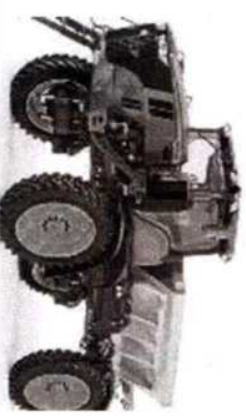
Exh#:	552	ExhNote:		Field/Road psi, Lt/Rgt tires, Hvy/Lgt wt
ExhName:		OwnerName:	Lakeside	Phone#:
EquipType:	Firston truck - Dry Fertilizer	Make:	Boor JD	Model:
				800R

INFO	Inside	Outside
Tire/Trk Make:	CEAT	
Tire Model:	YieldMax Vtex	
Tire Type:	VF	
Tire Size:	98cm	
Trd Wth (cm)	130cm	
Tyr Dist Ctr(cm)	255-2	
Tire Wt (lbs):	560 + 3280	
Road PSI:	17	
Field PSI:	17	
Arrival PSI	32	

Axle Distance (cm)							
1	2	3	4	5	6	7	8
0	515						



INFO	Inside	Outside
Tire/Trk Make:	CEAT	
Tire Model:	YieldMax Vtex	
Tire Type:	VF	
Tire Size:	98cm 98cm	
Trd Wth (cm)	750/50R86	
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	3200 + 6080	
Road PSI:	17	
Field PSI:	17	
Arrival PSI	36	



INFO	Inside	Outside
Tire/Trk Make:	Trelleborg	
Tire Model:	TN 3000	
Tire Type:	VF	
Tire Size:	VF 1050/50R32	
Trd Wth (cm)	130cm	
Tyr Dist Ctr(cm)	340-2	
Tire Wt (lbs):	9140 + 7480	
Road PSI:	14	
Field PSI:	14	
Arrival PSI	28	

INFO	Inside	Outside
Tire/Trk Make:	Trelleborg	
Tire Model:	TN 3000	
Tire Type:	VF	
Tire Size:	1050/50R32	
Trd Wth (cm)	73	
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	9240 + 9620	
Road PSI:	14	
Field PSI:	14	
Arrival PSI	29	

SP Dry Fert Spreader

Empty or Loaded?

Boom Road or Field?

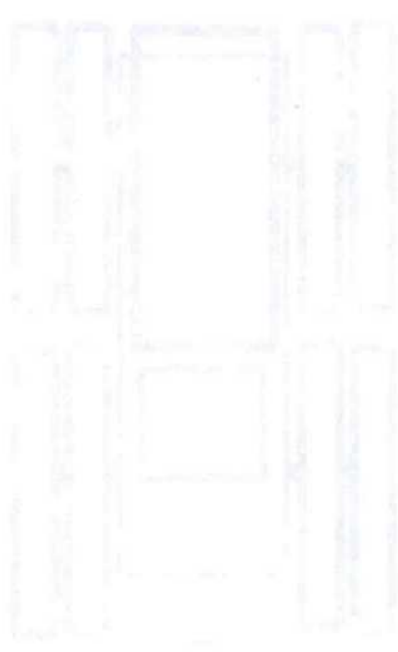
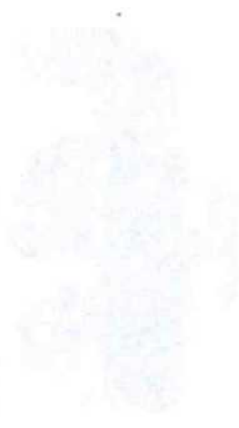
CTIS: Yes / No No

9090
405

15 8630
23 11870

VF 750 / 50R26CFD

121	121
122	122
123	123
124	124
125	125
126	126
127	127
128	128
129	129
130	130
131	131
132	132
133	133
134	134
135	135
136	136
137	137
138	138
139	139
140	140
141	141
142	142
143	143
144	144
145	145
146	146
147	147
148	148
149	149
150	150



0	1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18	19
20	21	22	23	24	25	26	27	28	29
30	31	32	33	34	35	36	37	38	39
40	41	42	43	44	45	46	47	48	49
50	51	52	53	54	55	56	57	58	59
60	61	62	63	64	65	66	67	68	69
70	71	72	73	74	75	76	77	78	79
80	81	82	83	84	85	86	87	88	89
90	91	92	93	94	95	96	97	98	99

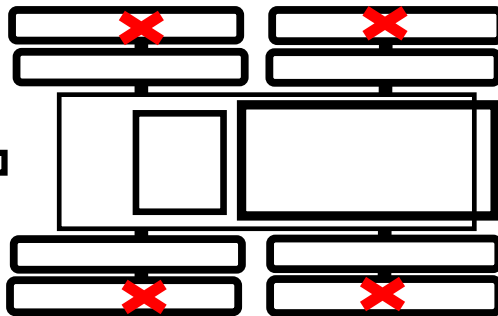
Handwritten notes and labels on the right side of the page, including a large 'R' and some illegible text.

Exh#:	S53	ExhNote:		Field/Road psi, Lft/Rgt tires, Hvy/Lgt wt
ExhName:		OwnerName:	Lakeside	Phone#:
EquipType:	Floater Truck – Dry Fertilizer	Make:	JD	Model:
				800R

INFO	Inside	Outside
Tire/Trk Make:	CEAT	
Tire Model:	YieldMax	V Flex
Tire Type:	VF	
Tire Size:	750/50R26	
Trd Wth (cm)	73	
Tyr Dist Ctr(cm)	127.5	
Tire Wt (lbs):	8900	
Road PSI:	17	
Field PSI:	17	
Arrival PSI	37	

Axle Distance (cm)							
1	2	3	4	5	6	7	8
0	515						

53,240 lbs = 24.2T



INFO	Inside	Outside
Tire/Trk Make:	Trelleborg	
Tire Model:	TN3000	
Tire Type:	VF	
Tire Size:	1050/50R32	
Trd Wth (cm)	73	
Tyr Dist Ctr(cm)	120	
Tire Wt (lbs):	17220	
Road PSI:	14	
Field PSI:	14	
Arrival PSI	28	

INFO	Inside	Outside
Tire/Trk Make:	CEAT	
Tire Model:	YieldMax	V Flex
Tire Type:	VF	
Tire Size:	750/50R26	
Trd Wth (cm)		
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	9268	
Road PSI:	17	
Field PSI:	17	
Arrival PSI	36	



INFO	Inside	Outside
Tire/Trk Make:		
Tire Model:		
Tire Type:		
Tire Size:		
Trd Wth (cm)		
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	17860	
Road PSI:	14	
Field PSI:	14	
Arrival PSI	29	

SP Dry Fert Spreader

Empty or Loaded?

Boom Road or Field?

CTIS: Yes No?

S54 - CIH Maxxum 125 RC Singled Tractor + Tandem Salford BBI Trooper Dry Fertilizer Spinner Spreader

Compaction Event Report: St. Clair (S54)

S54

CIH Maxxum 125 RC Singled Tractor + Tandem Salford BBI Trooper Dry Fertilizer Spinner Spreader



Aug 5,6,7, 2025
Rutherford, Ontario







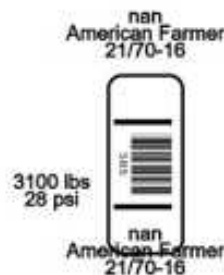
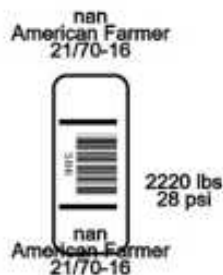
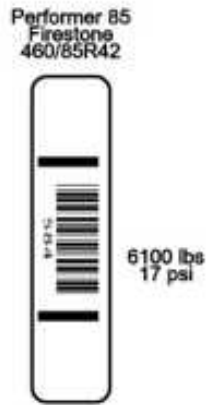
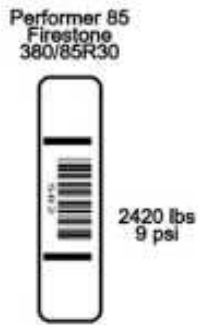


S54_FieldHighPressure
Tire Layout - Overhead View

Left Side

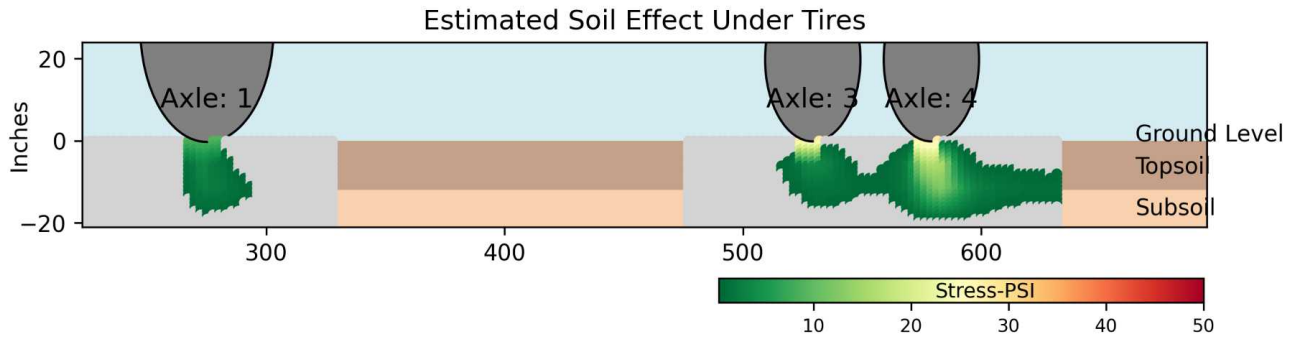
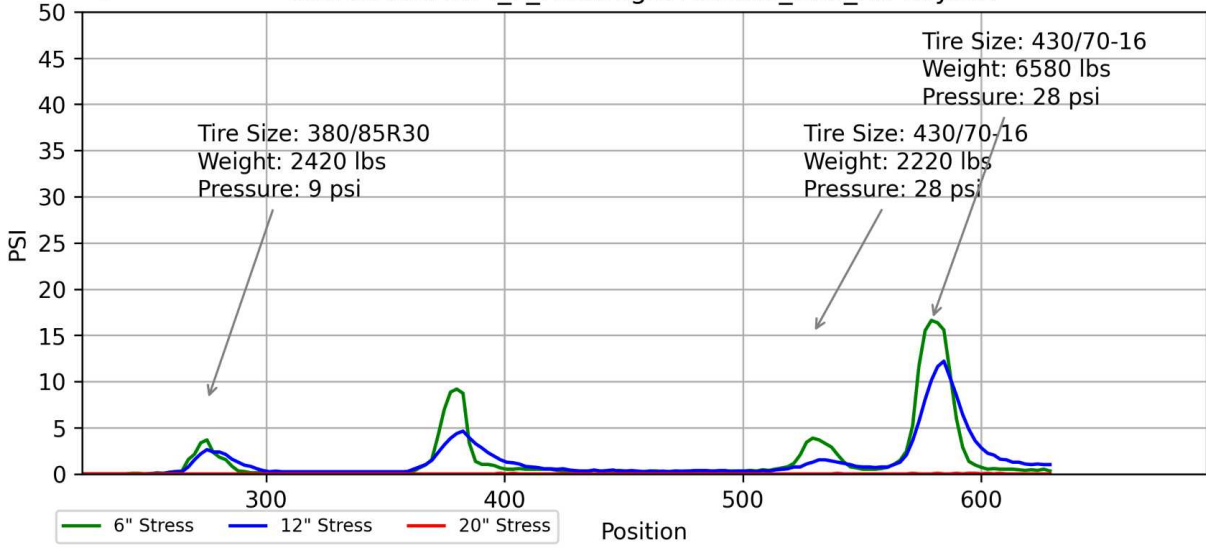
Right Side

Axle #: 1, Total Weight: 4780 lbs
Axle #: 2, Total Weight: 12260 lbs
Axle #: 3, Total Weight: 5320 lbs
Axle #: 4, Total Weight: 11700 lbs
Total Weight: 34060 lbs



S54 R1-Dry Tractor and PT Fertilizer Spreader
 Dry Soil

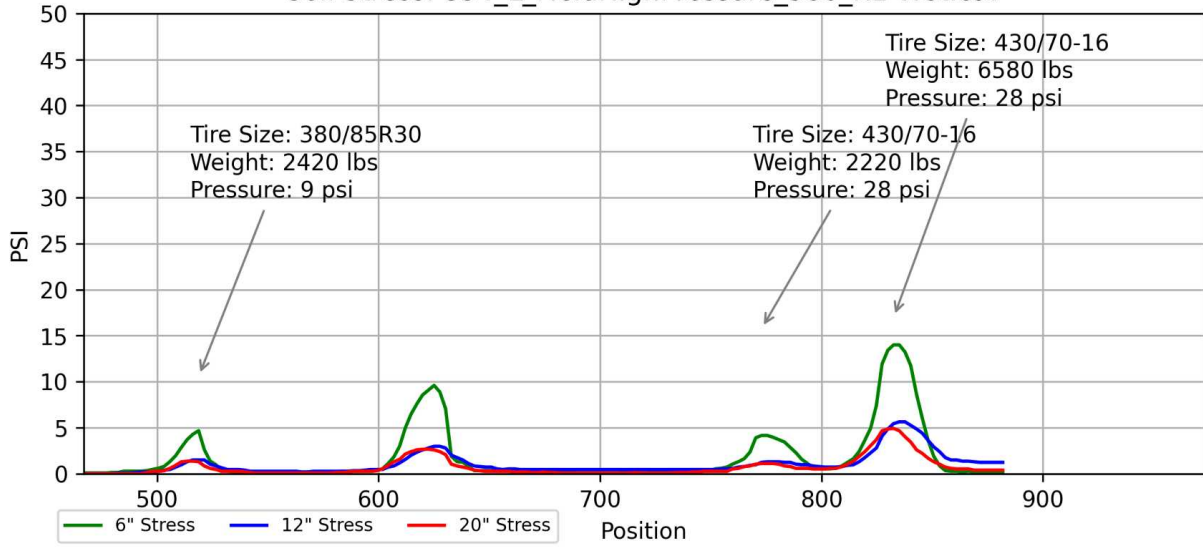
Soil Stress: S54_L_FieldHighPressure_586_R1-Dry.csv



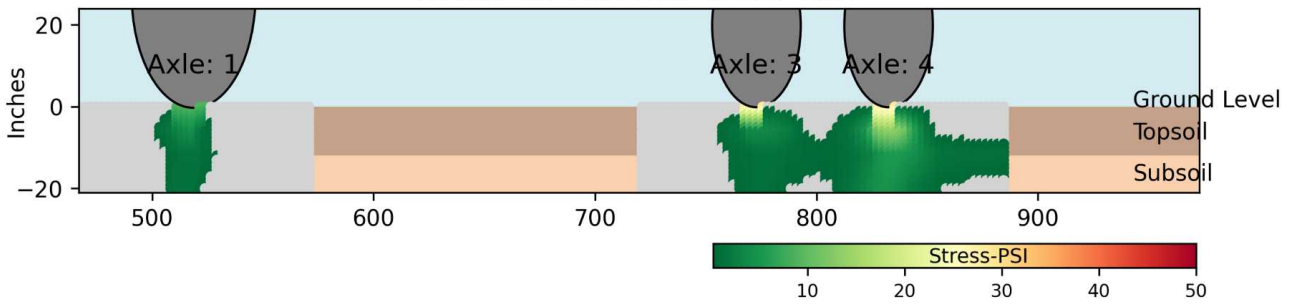
S54 R1-Wet Tractor and PT Fertilizer Spreader

Wet Soil

Soil Stress: S54_L_FieldHighPressure_586_R1-Wet.csv

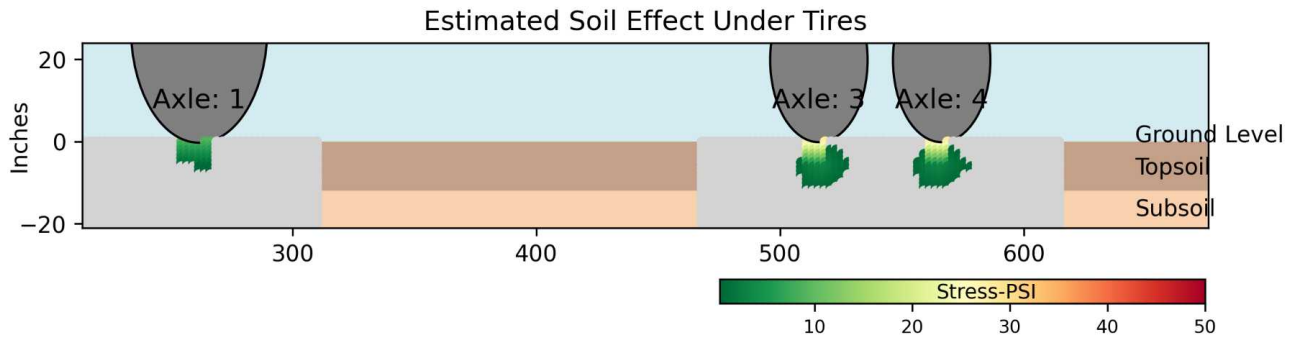
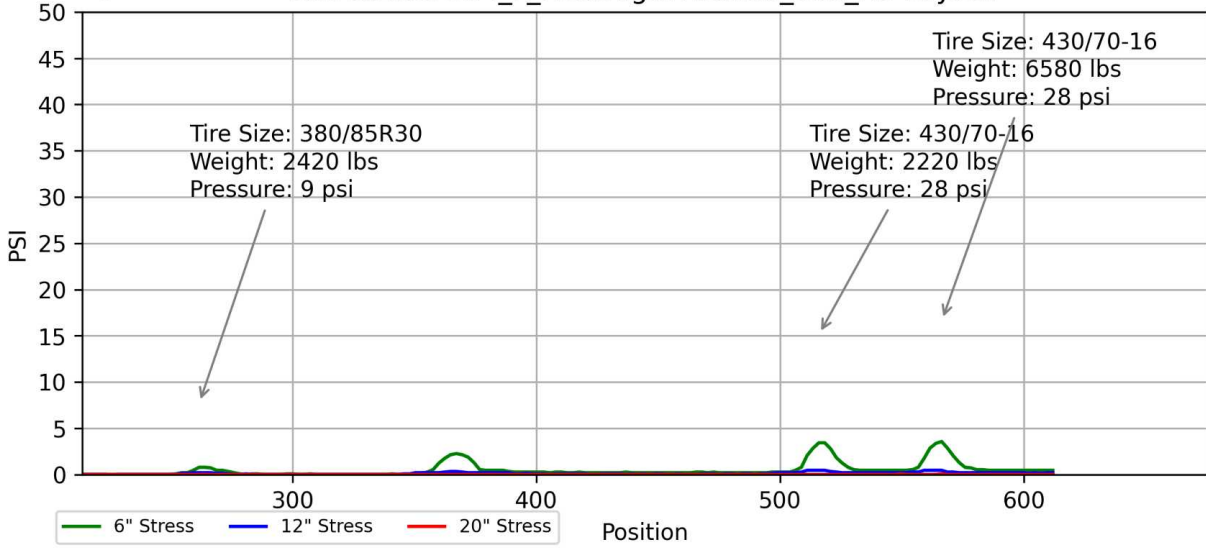


Estimated Soil Effect Under Tires



S54 R3-Dry Tractor and PT Fertilizer Spreader
 Dry Soil

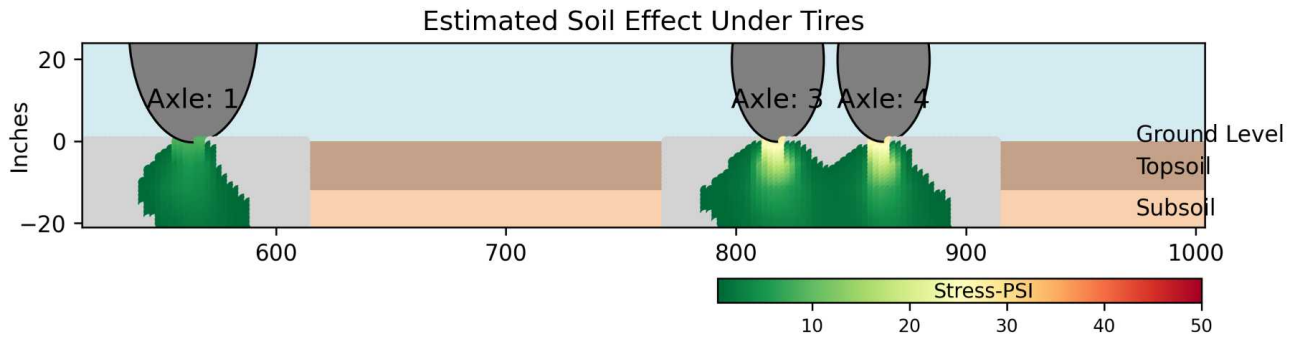
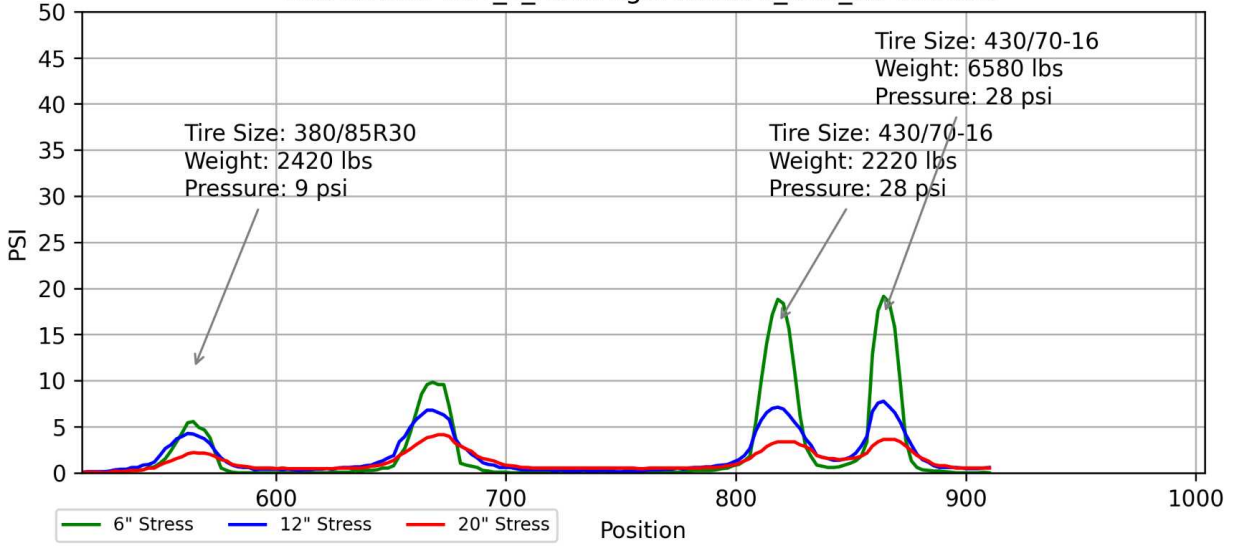
Soil Stress: S54_L_FieldHighPressure_586_R3-Dry.csv



S54 R3-Wet Tractor and PT Fertilizer Spreader

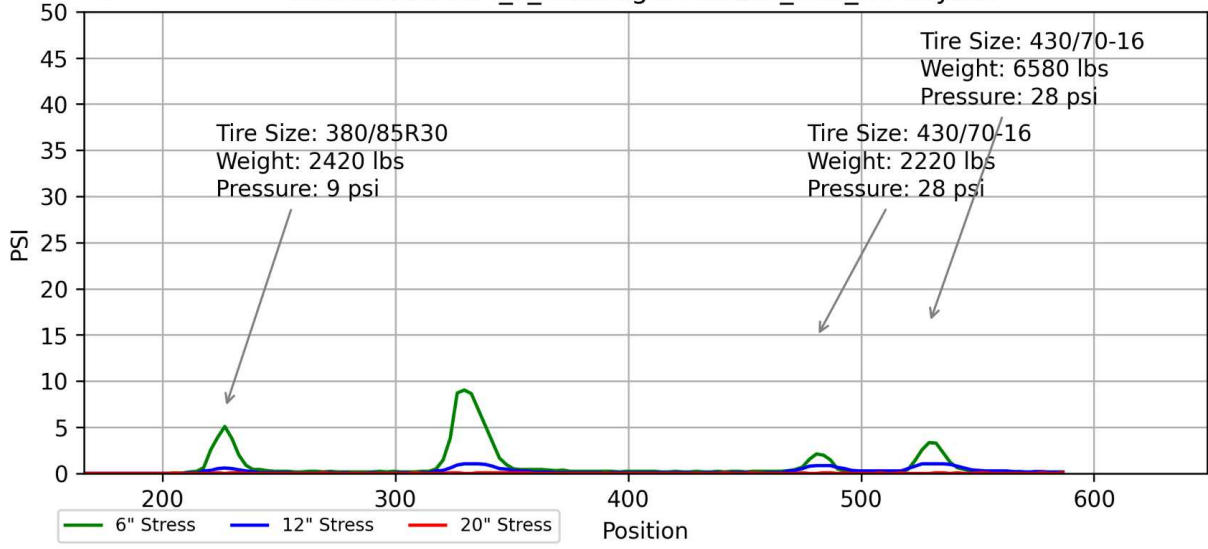
Wet Soil

Soil Stress: S54_L_FieldHighPressure_586_R3-Wet.csv

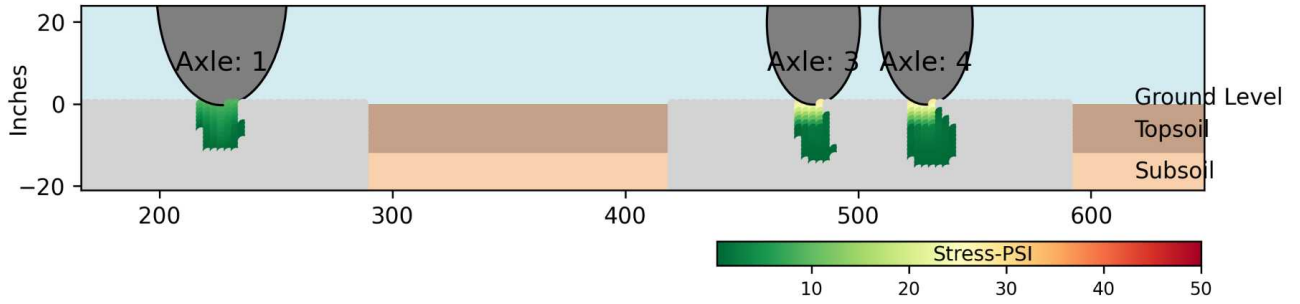


S54 R4-Dry Tractor and PT Fertilizer Spreader
 Dry Soil

Soil Stress: S54_L_FieldHighPressure_586_R4-Dry.csv



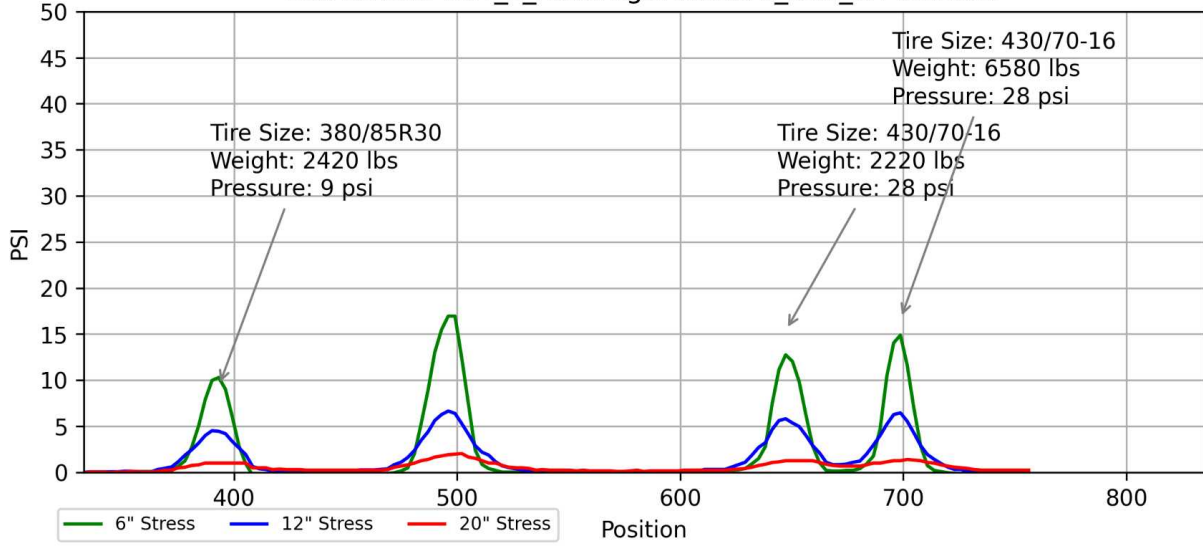
Estimated Soil Effect Under Tires



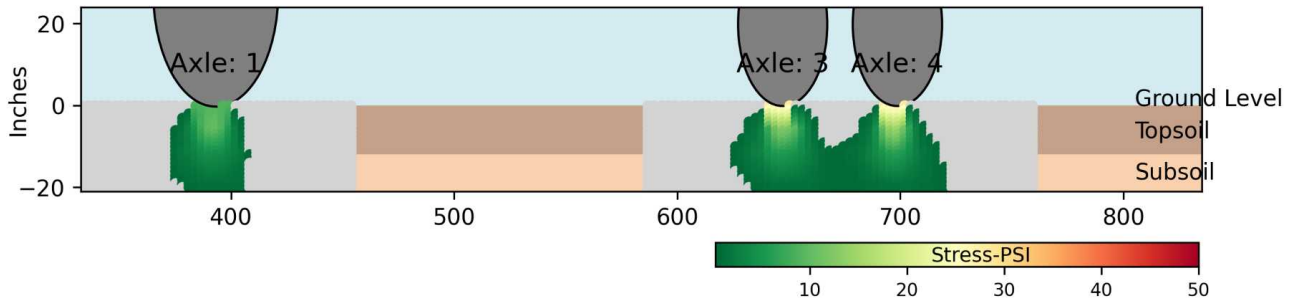
S54 R4-Wet Tractor and PT Fertilizer Spreader

Wet Soil

Soil Stress: S54_L_FieldHighPressure_586_R4-Wet.csv



Estimated Soil Effect Under Tires

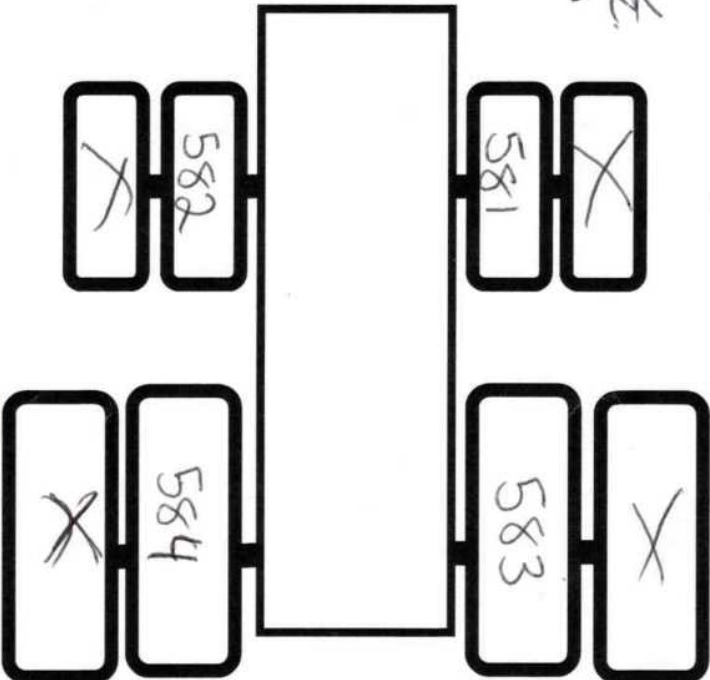


Exh#:	554	ExhNote:		Field/Road psi, Lft/Rgt tires, hvv/Lgt wt
ExhName:		OwnerName:	Delta	Phone#:
EquipType:	Row Crop Tractor	Make:	CASE (H)	Model:
				125

INFO	Inside	Outside
Tire/Trk Make:	Firestone	
Tire Model:	Powermax 85	
Tire Type:	380/85R 50	
Tire Size:		
Trd Wth (cm)	55cm 36 cm	
Tyr Dist Ctr(cm)	166 cm	166 cm
Tire Wt (lbs):	2960	43 cm
Road PSI:	9	
Field PSI:	9	
Arrival PSI		

Axle Distance (cm)								
1	2	3	4	5	6	7	8	
0	166	166	166					

263 644 765



INFO	Inside	Outside
Tire/Trk Make:		
Tire Model:		
Tire Type:		
Tire Size:	400 85R14	
Trd Wth (cm)	45cm	45cm
Tyr Dist Ctr(cm)	166	166
Tire Wt (lbs):	6160	89cm
Road PSI:	8 17	
Field PSI:	8 17	
Arrival PSI		

329

INFO	Inside	Outside
Tire/Trk Make:		
Tire Model:		
Tire Type:		
Tire Size:		
Trd Wth (cm)		
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	2426	
Road PSI:	9	
Field PSI:	9	
Arrival PSI		



INFO	Inside	Outside
Tire/Trk Make:		
Tire Model:		
Tire Type:		
Tire Size:		
Trd Wth (cm)		
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	6100	
Road PSI:	8 17	
Field PSI:	8 17	
Arrival PSI		

CTIS: Yes / No?

Row Crop Tractor - Wheeled

Exh#:	554	ExhNote:		Field/Road psi, Lft/Rgt tires, hvy/Lgt wt
ExhName:		OwnerName:	Namstead	Phone#:
EquipType:	Fert Spreader	Make:	Salford	Model:
				B61 Trooper

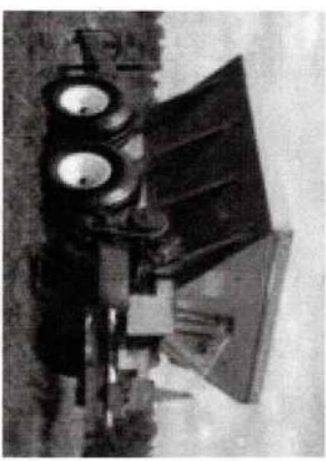
Dry Fertilizer Spreader

INFO	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5	Axle 6
Tire/Trk Make:	American Farmer					
Tire Model:						
Tire Type:						
Tire Size:	8.1-5L 16.15L					
Trd Wth (cm)	102 cm	102 cm				
Tyr Dist Ctr(cm)	43 cm	43 cm				
Tire Wt (lbs):	3160	5120				
Road PSI:	28	28				
Field PSI:	585	587				
Arrival PSI						

Axle Distance (cm)							
1	2	3	4	5	6	7	8
0							

43cm width 102cm center.

INFO	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5	Axle 6
Tire/Trk Make:						
Tire Model:	586	588				
Tire Type:						
Tire Size:						
Trd Wth (cm)	102					
Tyr Dist Ctr(cm)	43cm	43cm				
Tire Wt (lbs):	2920	6580				
Road PSI:	28					
Field PSI:	28					
Arrival PSI						



Empty or Loaded?

CTIS: Yes / No

Exh#:	S54A	ExhNote:	S54B	Field/Road psi, Lft/Rgt tires, Hvy/Lgt wt
ExhName:		OwnerName:	Delta	Phone#:
EquipType:	Row Crop Tractor	Make:	Case IH	Model:
				Maxxum 125

INFO	Inside	Outside
Tire/Trk Make:	Firestone	
Tire Model:	Performer85	
Tire Type:	Radial	
Tire Size:	380/85R30	
Trd Wth (cm)	36	
Tyr Dist Ctr(cm)	93	
Tire Wt (lbs):	2360	
Road PSI:	9	
Field PSI:	9	
Arrival PSI	?	

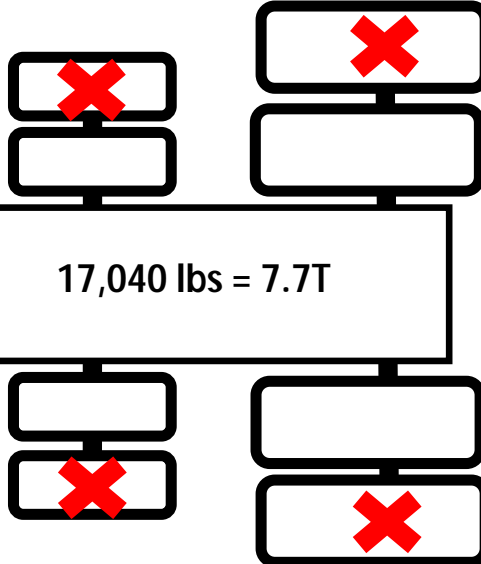
Axle Distance (cm)							
1	2	3	4	5	6	7	8
0	263	644	765				

INFO	Inside	Outside
Tire/Trk Make:	Firestone	
Tire Model:	Performer85	
Tire Type:	Radial	
Tire Size:	460/85R42	
Trd Wth (cm)	45	
Tyr Dist Ctr(cm)	89	
Tire Wt (lbs):	6160	
Road PSI:	17	
Field PSI:	17	
Arrival PSI	?	



17,040 lbs = 7.7T

INFO	Inside	Outside
Tire/Trk Make:		
Tire Model:		
Tire Type:		
Tire Size:		
Trd Wth (cm)		
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	2420	
Road PSI:	9	
Field PSI:	9	
Arrival PSI	?	



INFO	Inside	Outside
Tire/Trk Make:		
Tire Model:		
Tire Type:		
Tire Size:		
Trd Wth (cm)		
Tyr Dist Ctr(cm)		
Tire Wt (lbs):	6100	
Road PSI:	17	
Field PSI:	17	
Arrival PSI	?	

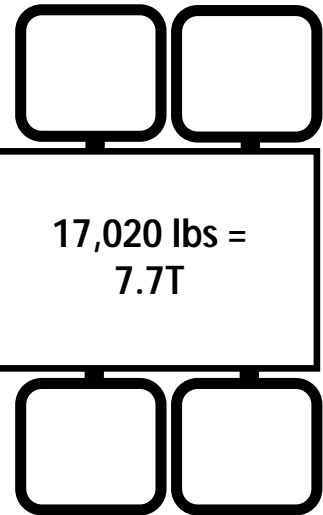
Row Crop Tractor - Wheeled

CTIS: Yes No?

Exh#:	S54B	ExhNote:	S54A Delta	Field/Road psi, Lft/Rgt tires, Hvy/Lgt wt		
ExhName:		OwnerName:	Wanstead	Phone#:		
EquipType:	Fert Spreader		Make:	Salford	Model:	BB1 Trooper

INFO	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5	Axle 6
Tire/Trk Make:	American Farmer					
Tire Model:						
Tire Type:	Bias					
Tire Size:	21.5L 16.15L					
Trd Wth (cm)	102	102				
Tyr Dist Ctr(cm)	43	43				
Tire Wt (lbs):	3100	5120				
Road PSI:	28	28				
Field PSI:	28	28				
Arrival PSI	?	?				

Dry Fertilizer Spreader



Axle Distance (cm)							
1	2	3	4	5	6	7	8
0	263	644	765				

INFO	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5	Axle 6
Tire/Trk Make:	American Farmer					
Tire Model:						
Tire Type:	Bias					
Tire Size:	21.5L 16.15L					
Trd Wth (cm)	102	102				
Tyr Dist Ctr(cm)	43	43				
Tire Wt (lbs):	2220	6580				
Road PSI:	28	28				
Field PSI:	28	28				
Arrival PSI	?	?				



Empty or Loaded?

CTIS: Yes / No

S55 - JD 8RX-310 Tracked RC Tractor + 3PT Mounted JD 310 Air Seeder

Compaction Event Report: St. Clair (S55)

S55

JD 8RX-310 Tracked RC Tractor + 3PT Mounted JD 310 Air Seeder



Aug 5,6,7, 2025
Rutherford, Ontario







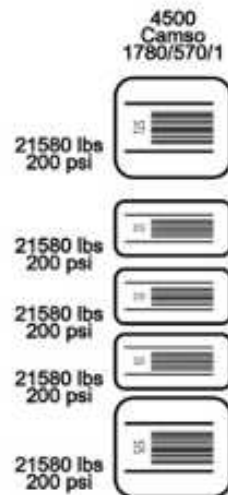
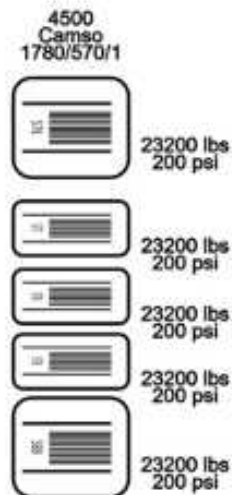
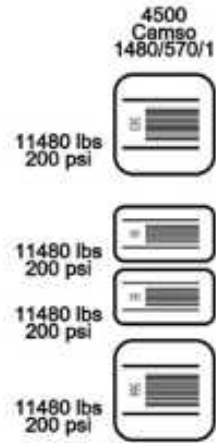
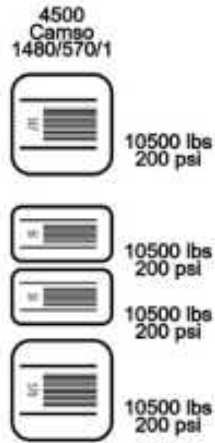


S55_FieldHighPressure
Tire Layout - Overhead View

Left Side

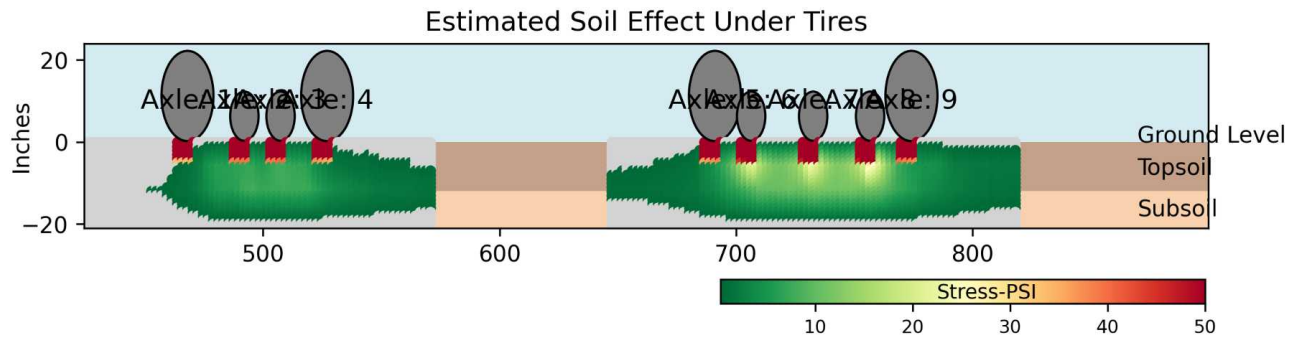
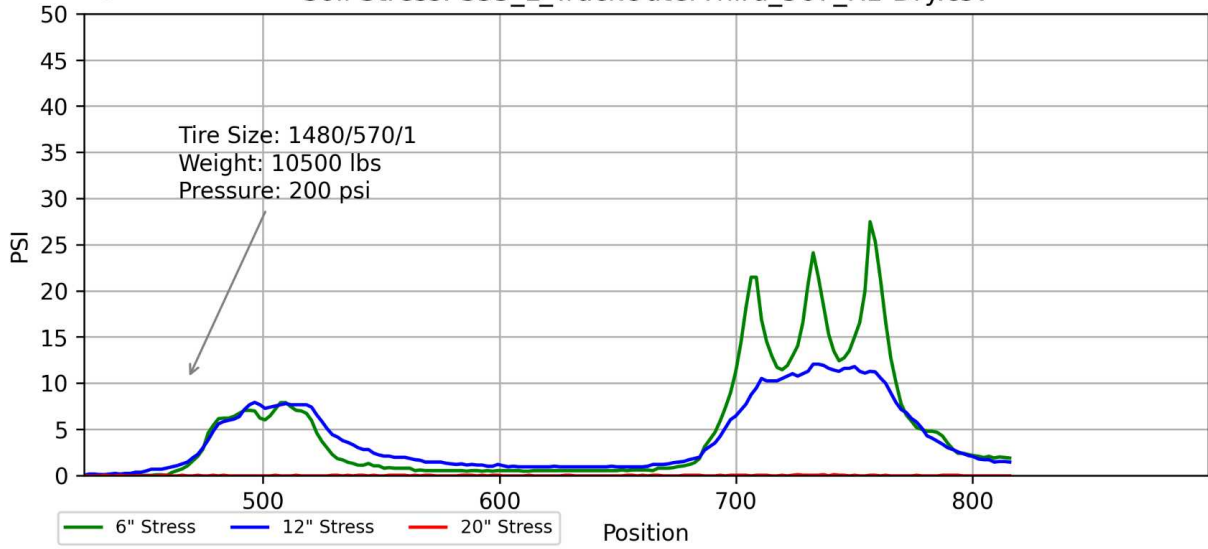
Right Side

Axle #: 1, Total Weight: 21980 lbs
 Axle #: 2, Total Weight: 44780 lbs
 Total Weight: 66760 lbs



S55 R1-Dry
Dry Soil

Tractor and Mounted air Seeder
Soil Stress: S55_L_TrackOuterThird_567_R1-Dry.csv

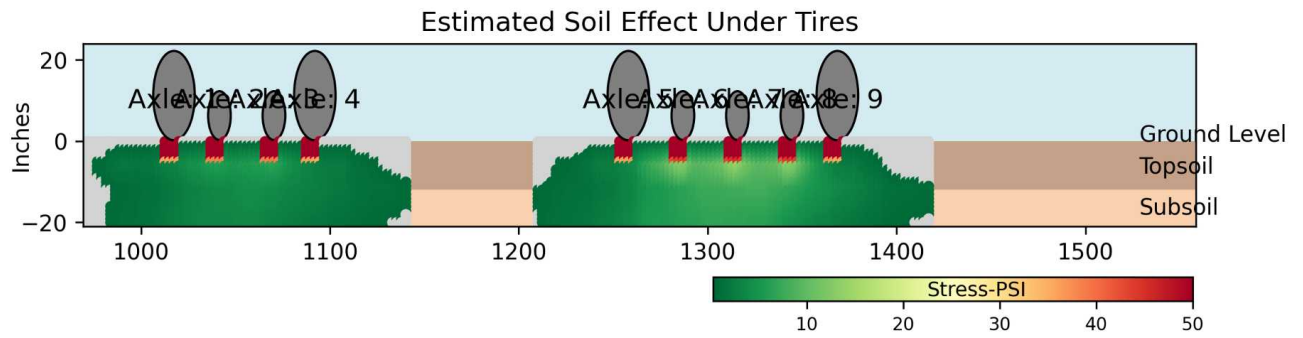
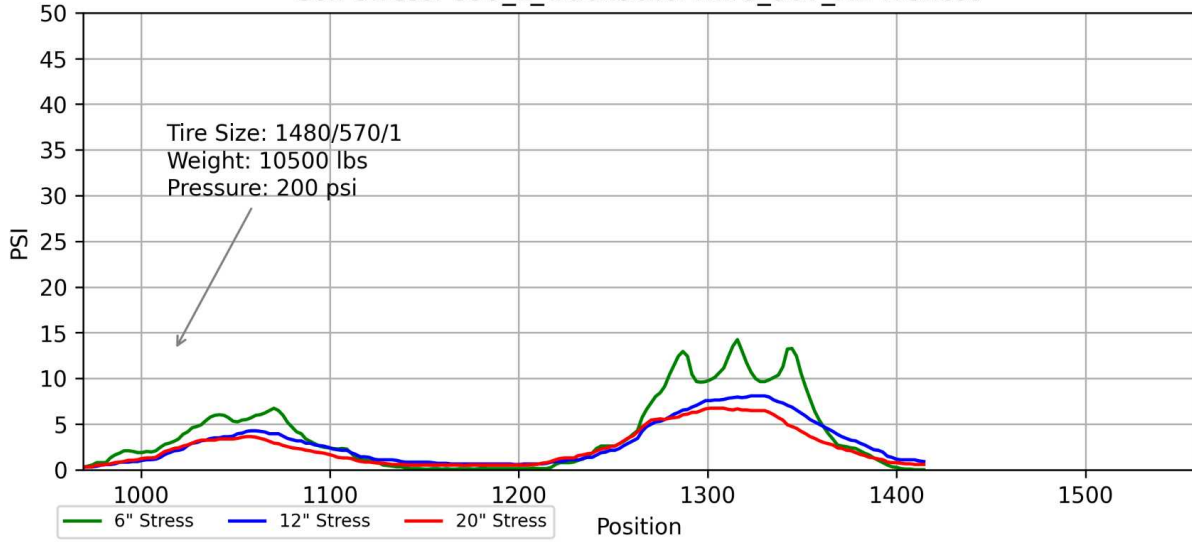


S55 R1-Wet

Tractor and Mounted air Seeder

Wet Soil

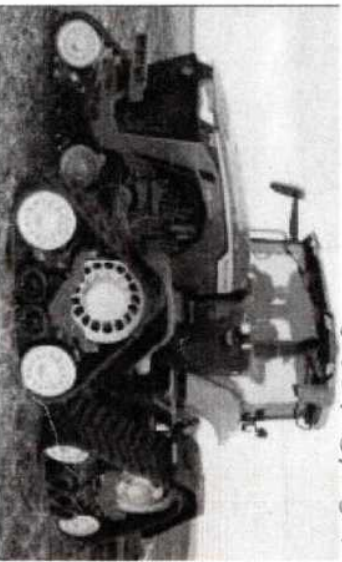
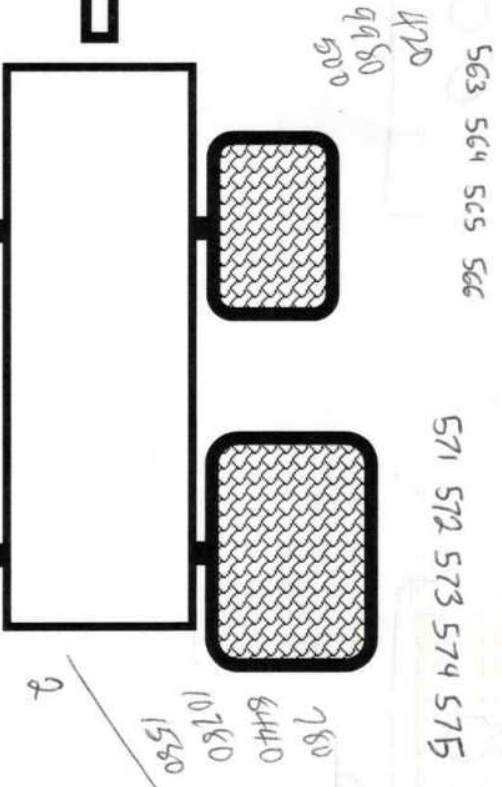
Soil Stress: S55_L_TrackOuterThird_567_R1-Wet.csv



Exh#:	355A	ExhNote:		Field/Road psi, Lft/Rgt tires, hvly/Lgt wt
ExhName:		OwnerName:	Joe Rieth	Phone#:
EquipType:	quad track - mounted loader	Make:	JD 885	Model:

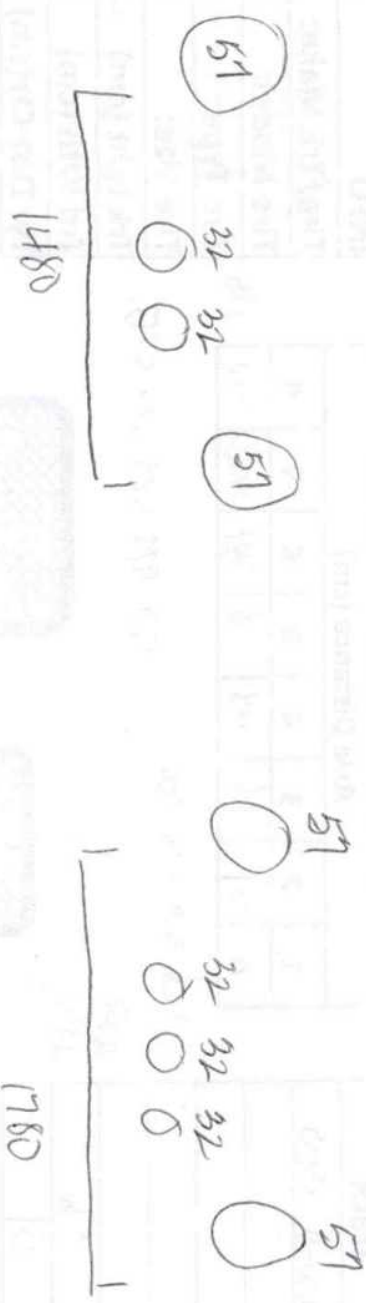
INFO	Track
Tire/Trk Make:	CANISO 4500
Tire Model:	
Tire Type:	
Tire Size:	
Trk Lght (cm)	
Trd Wth (cm)	576
Tyr Dist Ctr(cm)	151
TireWt (lbs):	11480
Road PSI:	NA
Field PSI:	NA
Arrival PSI	NA
INFO	Track
Tire/Trk Make:	
Tire Model:	
Tire Type:	
Tire Size:	
Trk Lght (cm)	
Trd Wth (cm)	
Tyr Dist Ctr(cm)	
TireWt (lbs):	10500
Road PSI:	NA
Field PSI:	NA
Arrival PSI	NA

Axle Distance (cm)	
1	2
3	4
5	6
7	8
0	61
	96
	148
	308
	364
	402
	438



INFO	Track
Tire/Trk Make:	CANISO 4500
Tire Model:	
Tire Type:	
Tire Size:	
Trk Lght (cm)	
Trd Wth (cm)	71
Tyr Dist Ctr(cm)	153
TireWt (lbs):	21580
Road PSI:	NA
Field PSI:	NA
Arrival PSI	NA
INFO	Track
Tire/Trk Make:	
Tire Model:	
Tire Type:	
Tire Size:	
Trk Lght (cm)	
Trd Wth (cm)	71
Tyr Dist Ctr(cm)	153
TireWt (lbs):	23200
Road PSI:	NA
Field PSI:	NA
Arrival PSI	NA

CTIS: Yes / No?



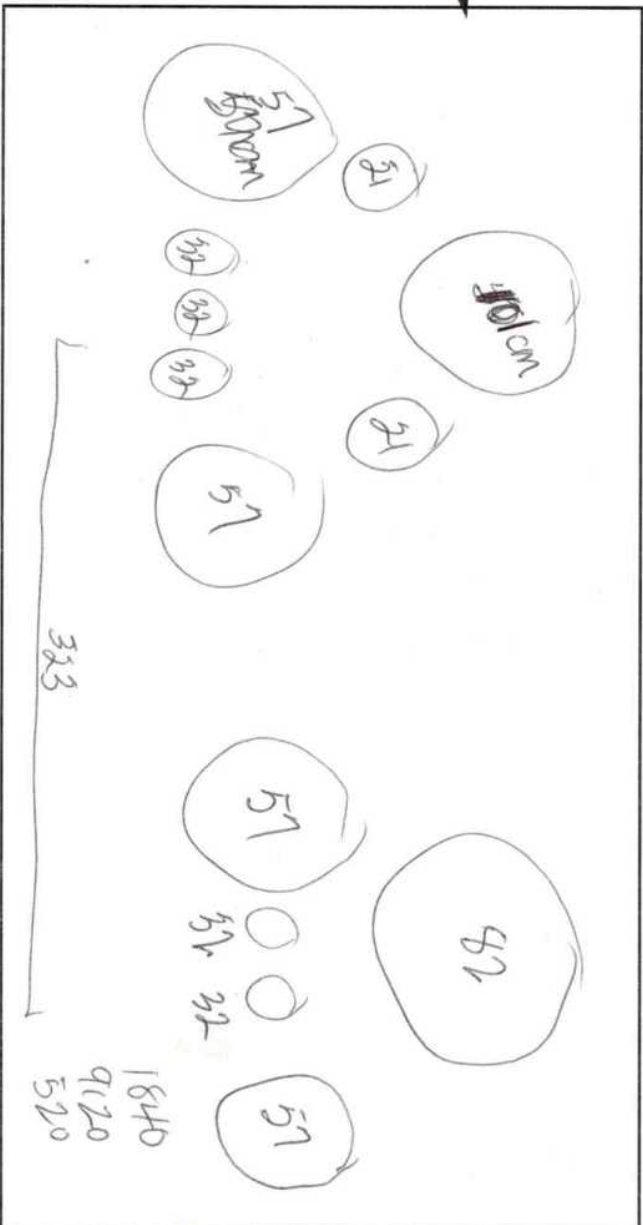
Exh#: <u>51</u>	<u>5558</u>	ExhNote: <u>Tracked tractor - mounted plow</u>	OwnerName: <u>McGee</u>	Field/Road psi, Lt/Rgt tires, HVY/Lgt wt
ExhName:		Make: <u>Deere</u>	Phone#:	
EquipType: <u>Air Sealer #1</u>		Model: <u>310</u>		

INFO	Tire 1	Tire 2	Tire 3	Tire 4	Tire 5	Tire 6	Tire 7	Tire 8
Tire/Trk Make:	<u>Cummins 4500</u>	<u>Cummins 4500</u>						
Tire Model:								
Tire Type:								
Tire Size:								
Trd Wth (cm)	<u>306-11</u>	<u>305-11</u>						
Tyr Dist Ctr(cm)	<u>306-2</u>	<u>305-2</u>						
TireWt (lbs):								
Road PSI:								
Field PSI:								
Arrival PSI:								

Ax Dist (cm)	
1	0
2	
3	
4	
5	
6	
7	
8	

Misc. Equipment

Draw Tire Layout and Label Each Tire



1840
 9120
 520
 11480

343

Equip Type: ?

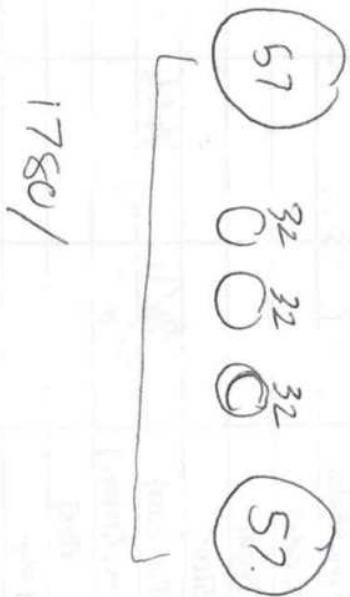
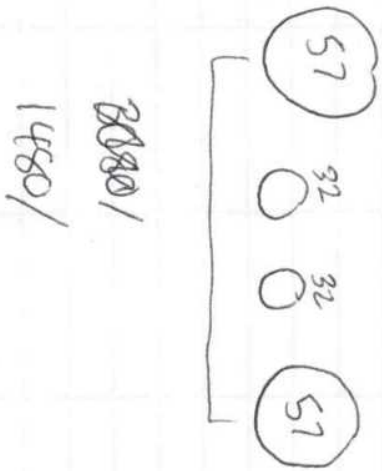
Empty or Loaded?

Road or Field?

CTIS: Yes / No?

Axels

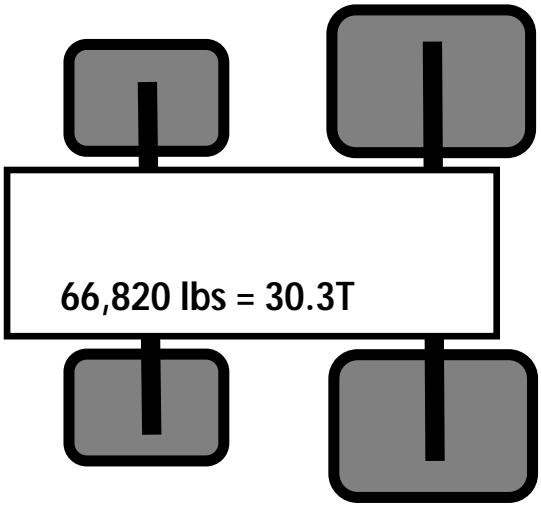
- 0
- 61
- 96
- 148
- 308
- 364
- 402
- 438
- 480



Exh#:	S55A	ExhNote:	S55B	Field/Road psi, Lft/Rgt tires, Hvy/Lgt wt
ExhName:		OwnerName:	Joe Riedl	Phone#:
EquipType:	Tracked Row Crop Tractor - Quadtrack	Make:	JD	Model:
				8Rx 310

INFO	Track
Tire/Trk Make:	Canso
Tire Model:	4500
Tire Type:	
Tire Size:	
Trk Lght (cm)	350
Trd Wth (cm)	56
Tyr Dist Ctr(cm)	151
TireWt (lbs):	11480
Road PSI:	NA
Field PSI:	NA
Arrival PSI:	NA

Axle Distance (cm)							
1	2	3	4	5	6	7	8
0	61	96	148	308	384	402	438



INFO	Track
Tire/Trk Make:	Canso
Tire Model:	4500
Tire Type:	
Tire Size:	
Trk Lght (cm)	380
Trd Wth (cm)	71
Tyr Dist Ctr(cm)	153
TireWt (lbs):	21580
Road PSI:	NA
Field PSI:	NA
Arrival PSI:	NA

INFO	Track
Tire/Trk Make:	
Tire Model:	
Tire Type:	
Tire Size:	
Trk Lght (cm)	350
Trd Wth (cm)	56
Tyr Dist Ctr(cm)	151
TireWt (lbs):	10560
Road PSI:	NA
Field PSI:	NA
Arrival PSI:	NA

INFO	Track
Tire/Trk Make:	
Tire Model:	
Tire Type:	
Tire Size:	
Trk Lght (cm)	380
Trd Wth (cm)	71
Tyr Dist Ctr(cm)	153
TireWt (lbs):	23200
Road PSI:	NA
Field PSI:	NA
Arrival PSI:	NA



Row Crop Tractor - Tracked

CTIS: Yes/No? No

Exh#:	S55B	ExhNote:	S55A	Field/Road psi, Lft/Rgt tires, Hvy/Lgt wt			
ExhName:		OwnerName:	McGee	Phone#:			
EquipType:	Air Seeder		Make:	JD	Model:	3 PT CCS	

INFO	Tire 1	Tire 2	Tire 3	Tire 4	Tire 5	Tire 6	Tire 7	Tire 8
Tire/Trk Make:								
Tire Model:								
Tire Type:								
Tire Size:								
Trd Wth (cm)								
Tyr Dist Ctr(cm)								
TireWt (lbs):								
Road PSI:								
Field PSI:								
Arrival PSI:								

Ax Dist (cm)	
1	0
2	
3	
4	
5	
6	
7	
8	

Misc. Equipment



The JD CCS planter is completely front and rear 3PT hitch mounted to the JD 8Rx 310 tractor.

Equip Type: ?

Empty or Loaded?

Road or Field?

CTIS: Yes / No?