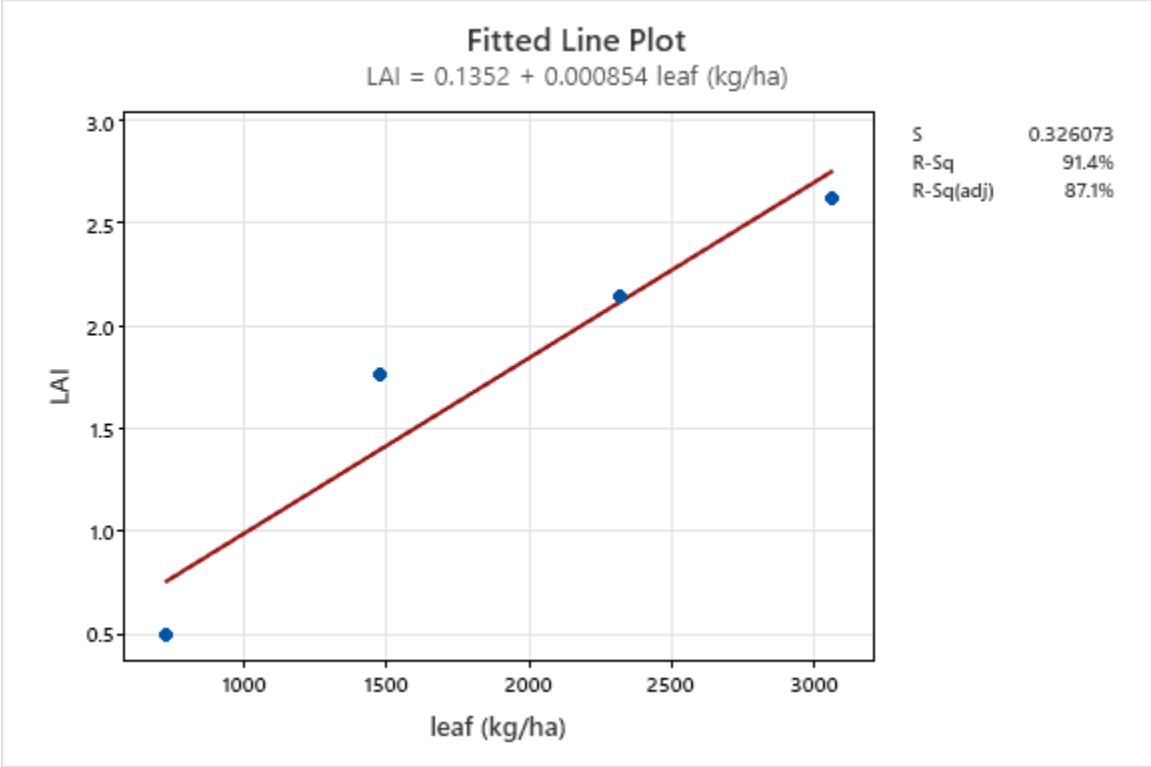
Model Summary (leaf mass to predict LAI)

S	R-sq	R-sq(adj)
0.326073	91.40%	87.09%

Analysis of Variance

Source	DF	SS	MS	F	P
Regression	1	2.25885	2.25885	21.25	0.044
Error	2	0.21265	0.10632		
Total	3	2.47150			

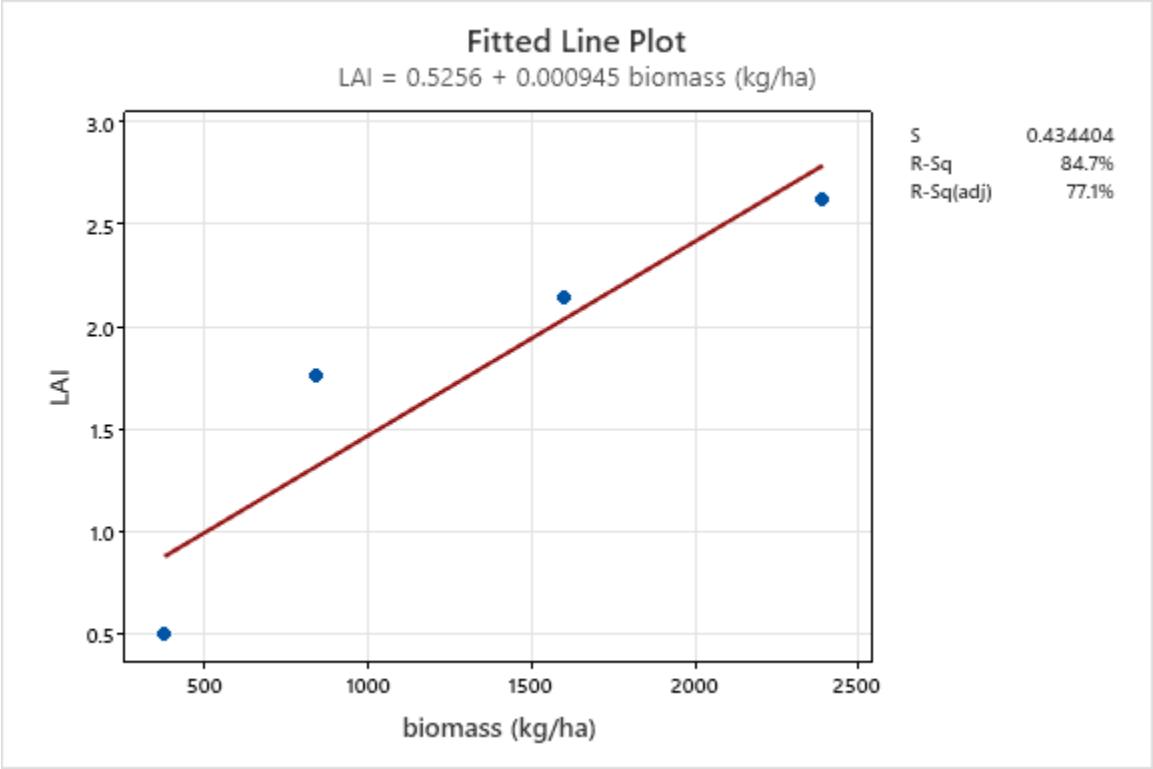


Model Summary (shoot mass to predict LAI)

S	R-sq	R-sq(adj)
0.434404	84.73%	77.09%

Analysis of Variance

Source	DF	SS	MS	F	P
Regression	1	2.09409	2.09409	11.10	0.080
Error	2	0.37741	0.18871		
Total	3	2.47150			

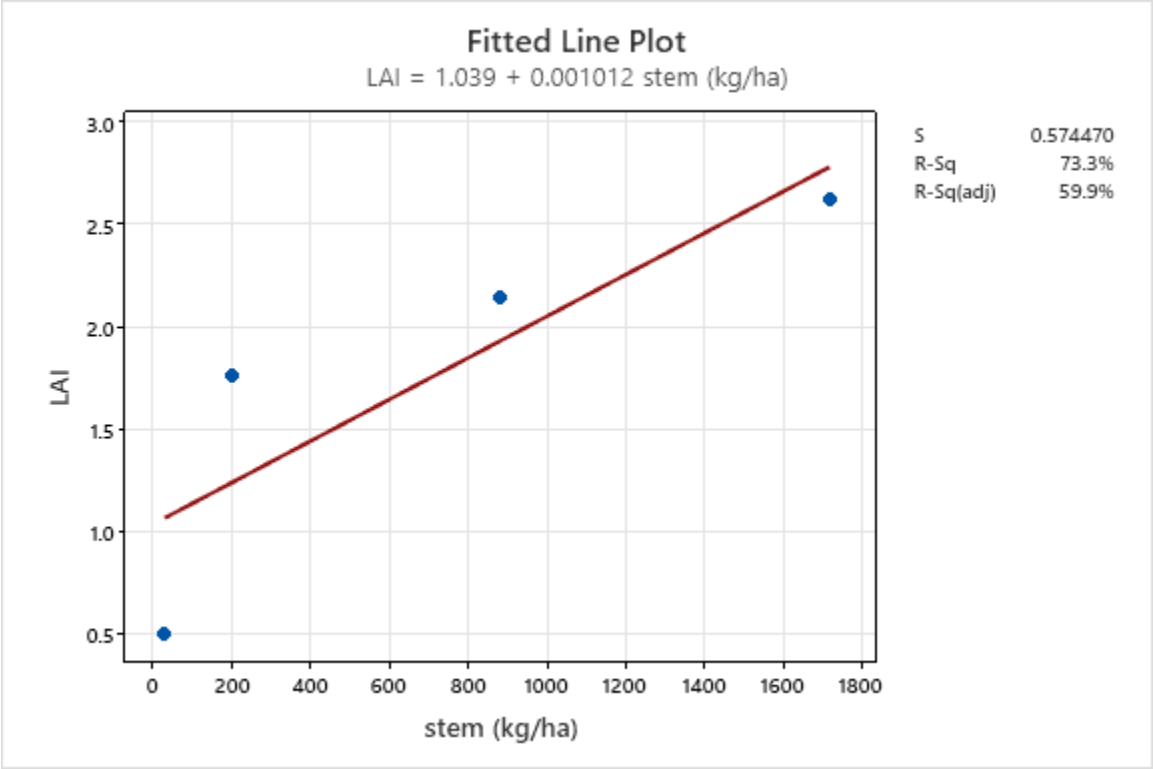


Model Summary (stem mass to predict LAI)

S	R-sq	R-sq(adj)
0.574470	73.29%	59.94%

Analysis of Variance

Source	DF	SS	MS	F	P
Regression	1	1.81147	1.81147	5.49	0.144
Error	2	0.66003	0.33002		
Total	3	2.47150			



SUMMARY

Only leaf mass is significantly related to LAI using the equation as follows:

$$Y = 0.1352 + 0.000854\ x$$

With leaf mass for the last day of measurement being 3056 kg/ha, LAI for last day (2/26/2020) was estimated as:

$$LAI = 0.1352 + 0.000854 \times 3056 = \mathbf{2.75}$$