

Supplementary Table S4 ANOVA results for the spectral parameters corresponding to Figure 6. SS: Sum of squares, DF: Degree of freedom; MS: Mean square.

Parameters	Time	SS	DF	MS	F value	P value
PRI	Day 1	0.04317	3	0.014389	37.69	3.19e-15
	Day 7	0.01938	3	0.006460	24.20	9.08e-11
	Day 13	0.02635	3	0.008783	38.57	1.12e-14
	Day 20	0.01358	3	0.004527	27.01	1.29e-11
	Day 28	0.002338	3	0.0007792	3.987	0.0112
	Day 33	0.000305	3	0.0001017	0.421	0.739
NDVI	Day 1	0.02814	3	0.009381	12.69	1.11e-06
	Day 7	0.01156	3	0.003852	6.67	0.000515
	Day 13	0.02814	3	0.009381	12.69	1.11e-06
	Day 20	0.05531	3	0.018437	28.00	6.61e-12
	Day 28	0.00485	3	0.001615	1.556	0.208
	Day 33	0.00178	3	0.0005944	0.795	0.501
RVI	Day 1	0.003052	3	0.0010173	3.069	0.0326
	Day 7	0.003524	3	0.0011745	6.416	0.000684
	Day 13	0.00924	3	0.0030800	12.60	1.21e-06
	Day 20	0.0185	3	0.006165	27.57	8.81e-12
	Day 28	0.001771	3	0.0005904	1.577	0.203
	Day 33	0.00058	3	0.0001934	0.804	0.497
GI	Day 1	0.1213	3	0.04043	6.437	0.000589
	Day 7	0.09717	3	0.03239	11.79	2.61e-06
	Day 13	0.1084	3	0.03612	5.841	0.00131
	Day 20	0.2848	3	0.09493	28.19	5.86e-12
	Day 28	0.04183	3	0.013944	6.804	0.000444
	Day 33	0.0139	3	0.004626	0.474	0.702
C	Day 1	6.115	3	2.0384	7.756	0.000132
	Day 7	14.45	3	4.817	16.15	4.99e-08
	Day 13	12.46	3	4.155	10.74	7.26e-06
	Day 20	20.63	3	6.877	32.10	4.84e-13
	Day 28	3.946	3	1.3155	4.383	0.00703
	Day 33	0.87	3	0.2909	0.356	0.785
NMDI	Day 1	0.00127	3	0.0004233	4.507	0.00569
	Day 7	0.003823	3	0.0012744	7.33	0.00025
	Day 13	0.008419	3	0.0028064	25.93	2.69e-11
	Day 20	0.008388	3	0.002796	24.75	6.14e-11
	Day 28	0.000121	3	4.040e-05	0.844	0.475
	Day 33	0.000590	3	1.968e-04	2.533	0.065
SW2-fwhm-X ₁	Day 1	1367.90	3	456.00	66.65	<2e-16
	Day 7	83.78	3	27.925	6.188	0.000883
	Day 13	156.41	3	52.14	89.50	<2e-16
	Day 20	224.86	3	74.95	57.71	<2e-16
	Day 28	18.69	3	6.229	6.864	0.000416

SW2-fwhm- X ₁	Day 33	0.44	3	0.1467	0.096	0.962
	Day 1	1049.00	3	349.7	10.76	5.25e-06
	Day 7	1262.00	3	420.6	24.86	5.68e-11
	Day 13	3606.00	3	1201.9	75.52	<2e-16
	Day 20	2299.00	3	766.3	37.16	2.47e-14
	Day 28	21.60	3	7.198	0.692	0.56
	Day 33	114.50	3	38.16	2.06	0.115
VIS- λ_p	Day 1	272.60	3	90.88	22.78	1e-10
	Day 7	94.52	3	31.505	10.12	1.35e-05
	Day 13	195.90	3	65.31	21.13	8.79e-10
	Day 20	93.26	3	31.088	10.48	9.39e-06
	Day 28	174.80	3	58.27	10.61	8.31e-06
	Day 33	9.70	3	3.229	0.383	0.765