

Supplementary Materials: Assessment of Maize Growth and Development with High- and Medium-Resolution Remote Sensing Products

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Table S1. Sampling events coordinates (ETRS89, UTM30N EPSG: 25830)

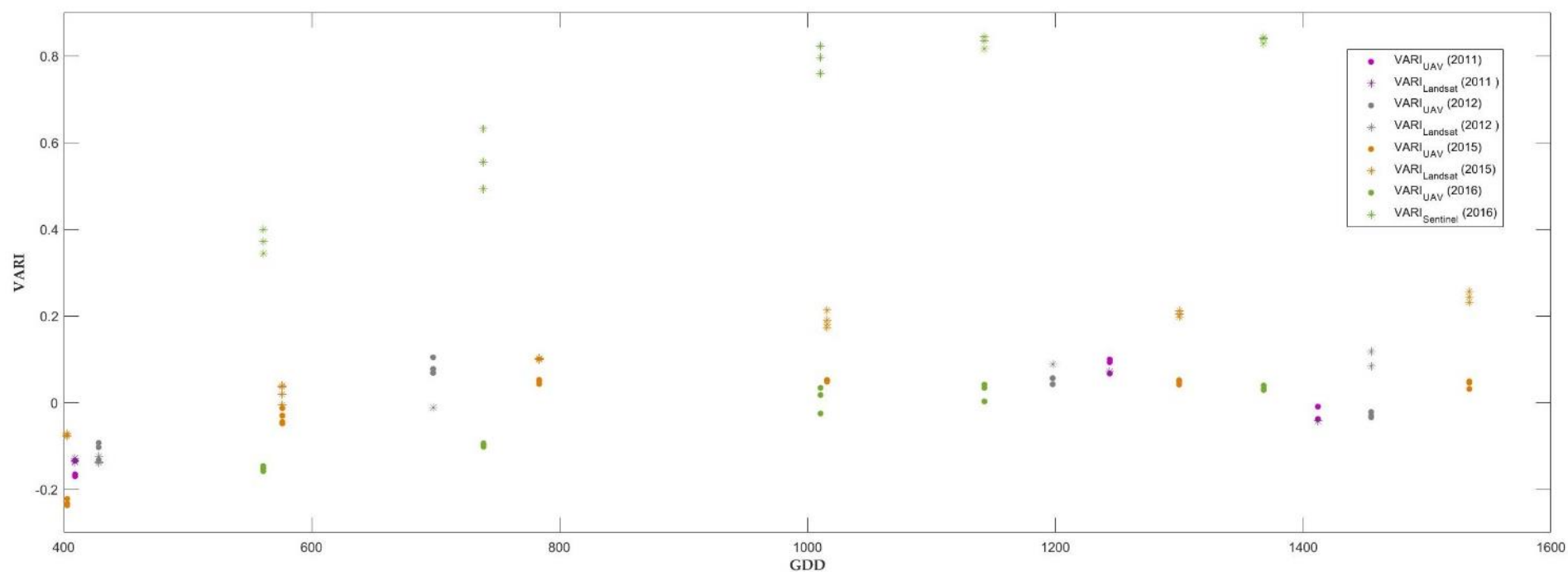
Season	Sampling date event	GDD	Sampling plots coordinates	
			X (m)	Y (m)
Season 2011	22 nd June	409	592209.867	4345279.155
			592231.724	4345283.935
			592209.182	4345253.953
	20 th August	1244	592226.249	4345285.391
			592219.399	4345277.872
			592227.675	4345275.521
	30 th August	1412	592207.469	4345270.298
			592200.296	4345269.034
			592205.280	4345261.906
Season 2012	21 st June	428	592200.296	4345269.034
			592209.867	4345279.155
			592196.223	4345258.178
	12 th July	698	592194.442	4345254.657
			592207.469	4345270.298
			592220.449	4345285.358
	14 th August	1198	592205.280	4345261.906
			592211.548	4345268.611
			592219.399	4345277.872
	28 th August	1455	592226.249	4345285.391
			592204.916	4345253.315
			592219.222	4345270.746
Season 2015	10 th September	1640	592209.182	4345253.953
			592231.724	4345283.935
			592227.675	4345275.521
	29 th May	403	587110.563	4345635.139
			587088.128	4345521.094
			586981.366	4345460.565
			587022.075	4345263.453
	10 th June	576	587087.639	4345626.033
			587055.054	4345497.649
			587022.499	4345434.187
			587041.583	4345220.089
	25 th June	784	587083.450	4345641.632

Season	Sampling date event	GDD	Sampling plots coordinates	
			X (m)	Y (m)
Season 2016	8 th July	1016	586976.208	4345515.744
			586971.571	4345449.310
			587002.994	4345355.548
			587059.251	4345633.872
			587031.335	4345510.450
	24 th July	1300	587024.073	4345453.408
			587026.734	4345325.639
			587080.331	4345633.137
			587022.240	4345516.063
	6 th August	1534	586999.405	4345491.313
			587018.627	4345333.584
			587051.179	4345585.132
			587070.377	4345521.763
	19 th August	1757	586998.759	4345453.557
			587055.129	4345284.731
			587088.391	4345599.775
			587117.865	4345515.224
	2 nd September	1984	586946.016	4345478.241
			587004.498	4345298.602
			587105.603	4345592.528
			587070.793	4345478.383
	14 th June	561	586946.338	4345399.901
			587027.665	4345241.054
			586953.180	4345951.495
	27 th June	739	586944.350	4345846.336
			586730.820	4345579.223
			586938.377	4345936.334
	13 th July	1011	586934.655	4345881.143
			586750.935	4345594.215
			586958.365	4345926.346
	21 st July	1143	586924.647	4345866.128
			586740.935	4345614.212
			586933.377	4345986.332
	3 rd August	1368	586954.647	4345871.122
			586740.935	4345609.213
			586908.377	4345991.330
	19 th August	1628	586949.645	4345851.124
			586720.937	4345614.212
			586928.375	4345961.332
	26 th August	1745	586954.647	4345861.124
			586745.932	4345579.211

Season	Sampling date event	GDD	Sampling plots coordinates	
			X (m)	Y (m)
	7 th September	1952	586919.649	4345896.125
			586720.935	4345599.213
			586908.377	4345971.332
			586964.647	4345876.124
			586715.935	4345579.211
	23 th September	2159.98395	586933.375	4345931.334
			586924.647	4345886.125
			586775.933	4345634.214

GDD: growing degree days

Figure S1. Visual Atmospheric Resistance Index from unmanned aerial vehicle values for 2011, 2012, 2015, and 2016 seasons, Visual Atmospheric Resistance Index from Landsat values for 2011, 2012, and 2015 seasons, and Visual Atmospheric Resistance Index from Sentinel values for 2016 season



GDD: growing degree days, VARI: Visual Atmospheric Resistance Index, UAV: unmanned aerial vehicle