

SUPPLEMENTARY MATERIAL

Abundance, diversity and development of thrips (Thysanoptera) on avocados and macadamias in the Levubu region of Limpopo province, South Africa

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Table S1. Weather data of Levubu region, Limpopo province, South Africa, obtained from a single weather station located in the centre of the region. The weather data was supplemented by iLeaf weather stations. From left-to- right; year, month, maximum and minimum temperature, average mean (\pm s.e.) monthly value for average daily temperature, average daily relative humidity, total rainfall, and average daily wind speed. Shaded months are those in which sampling occurred.

Year	Month	Maximum temperature (°C)	Minimum temperature (°C)	Temperature (°C)	Relative humidity (%)	Total rainfall (mm)	Wind speed (km/h)
2020	January	36.86	16.67	24 \pm 0.17	81 \pm 0.62	155.50	1 \pm 0.04
2020	February	34.40	13.78	24 \pm 0.18	84 \pm 0.59	351.50	2 \pm 0.04
2020	March	38.23	14.62	23 \pm 0.18	81 \pm 0.60	4.10	2 \pm 0.04
2020	April	37.00	12.07	20 \pm 0.18	84 \pm 0.67	11.30	2 \pm 0.05
2020	May	32.00	5.71	18 \pm 0.21	73 \pm 0.74	1.93	2 \pm 0.05
2020	June	28.92	5.73	15 \pm 0.21	75 \pm 0.79	9.62	2 \pm 0.06
2020	July	29.41	3.43	15 \pm 0.22	70 \pm 0.80	13.30	2 \pm 0.07
2020	August	35.02	6.66	18 \pm 0.24	68 \pm 0.90	34.68	2 \pm 0.05
2020	September	39.75	8.91	19 \pm 0.23	77 \pm 0.79	65.43	2 \pm 0.04
2020	October	37.70	13.09	21 \pm 0.22	79 \pm 0.78	69.29	2 \pm 0.05
2020	November	41.44	13.09	24 \pm 0.22	76 \pm 0.77	81.79	2 \pm 0.05
2020	December	37.15	15	24 \pm 0.17	86 \pm 0.59	272.02	2 \pm 0.04
2021	January	34.66	17.39	24 \pm 0.13	91 \pm 0.41	457.25	1 \pm 0.05
2021	February	35.39	17.20	23 \pm 0.15	91 \pm 0.47	367.11	2 \pm 0.05
2021	March	36.20	14.38	23 \pm 0.18	85 \pm 0.59	68.42	2 \pm 0.05
2021	April	33.4	8.9	20 \pm 0.21	79 \pm 0.76	0.00	2 \pm 0.04
2021	May	31.84	8.16	18 \pm 0.22	74 \pm 0.80	5.64	2 \pm 0.05
2021	June	32.82	5.91	16 \pm 0.22	75 \pm 0.80	6.84	2 \pm 0.05
2021	July	33.05	3.21	15 \pm 0.22	71 \pm 0.80	12.18	2 \pm 0.06
2021	August	34.57	7.85	18 \pm 0.23	72 \pm 0.81	22.44	2 \pm 0.05
2021	September	37.4	8.1	20 \pm 0.24	71 \pm 0.82	18.98	2 \pm 0.04
2021	October	39.08	8.67	20 \pm 0.23	80 \pm 0.83	79.14	1 \pm 0.05

2021	November	40.57	13.89	23±0.22	79±0.72	77.64	2±0.05
2021	December	36.67	13.8	23±0.18	86±0.57	199.25	2±0.08
2022	January	34.66	15.7	22±0.14	87±0.52	153.92	4±0.08
2022	February	35.25	16.3	24±0.18	76±0.70	25.45	4±0.08
2022	March	34.5	13.8	21±0.18	78±0.69	40.90	4±0.07
2022	April	33.55	11.6	20±0.20	87±0.58	150.85	1±0.05
2022	May	30.83	8.2	18±0.18	84±0.58	51.76	2±0.05
2022	June	27.9	5.1	14±0.19	83±0.64	37.57	2±0.05
2022	July	29.99	6.51	16±0.18	83±0.63	8.60	2±0.04
2022	August	34.88	7.79	18±0.23	70±0.83	17.96	2±0.05
2022	September	36.55	5.82	20±0.25	70±0.88	28.32	2±0.05
2022	October	38.03	13.79	23±0.21	75±0.74	99.65	2±0.04
2022	November	36.43	14.25	23±0.18	82±0.62	197.98	1±0.04
2022	December	37.17	13.29	24±0.17	85±0.58	101.52	1±0.04

1

Table S2. Sampling locations for avocado beating and tissue sampling.

Cultivar	Farm name	Google Earth ID Key	Blok name
Fuerte	Delaja	LP-s_786	B_Fuerte
	Neuholf	LP-s_644	Blok 29
	Springfield Farm	LP-s_523	39_Fuerte
Hass	Delaja	LP-s_786	16H_Hass
	Neuholf	LP-s_662	Total_Hass
	Springfield Farm	LP-s_528	57_Hass
Maluma	Maluma	LP-s_786	Maluma blok 4
	Matari	LP-s_794	A10_Maluma
	Ras	LP-s_799	10/08_Maluma
Pinkerton	Neuholf	LP-s_787	36_Pinkerton
	Ras	LP-s_1296	10/07_Pinkerton
	Delaja	LP-s_1298	27_Pinkerton

Table S3. Sampling locations for macadamia beating and tissue sampling.

Cultivar	Farm name	Google Earth ID Key	Blok name
A4	Matari		Blok 4
	Perseel A43		Blok 3
	Truter	LP-s_1418	53_A4
814	Lalani	Brick 17Mb	Blok
	Welmac	Blok 1_814	Blok 6_814
	Vhavenda	Blok A5	A5_814
816	Koos		Blok 5
	Lalani	LP-s_471	55
	Springfield Farm	LP-s_1348	Blok A6
695	Koos	Brick 2M	Blok 4
	Lalani	Blok 4_695	Blok 23_695
	Steff de Lange	LP-s_1189	A4_695