

**Lucky Farms
Pivot Compound Block E**



CROP HEALTH & CROP SCOUTING *Report*

5 September 2024



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Lucky Farms

Pivot Compound Block E

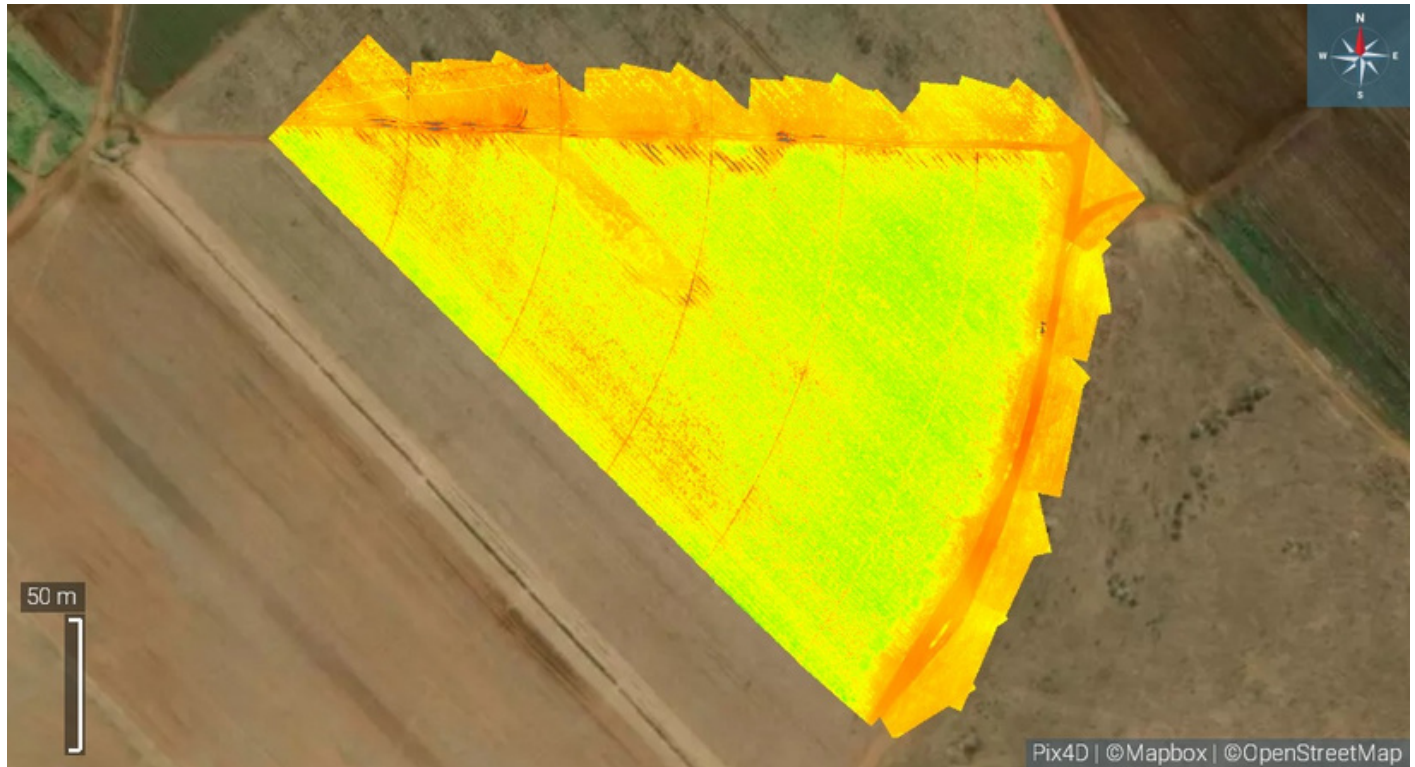


Layer name	Acquisition time	Center	Area	Page
NDRE	2024/07/05 10:53:11 South Africa Standard Time	-26.3041585, 27.6828612 (WGS 84)	4.160 ha	2-7
Orthomosaic	2024/07/05 10:53:11 South Africa Standard Time	-26.3041585, 27.6828612 (WGS 84)	4.165 ha	8-16
Surface model	Information not available	-26.3041585, 27.6828609 (WGS 84)	4.160 ha	17



NDRE

Index



Layer details

Acquisition	2024/07/05 10:53:11 South Africa Standard Time Duration: 00:05:20
Center	-26.3041585, 27.6828612 (WGS84)
Area	~4.160 ha
GSD	1.779 cm/px
Bands	1 (Gray)

Histogram and Legend



Visualization settings

Histogram equalization: Off
 Selected minimum value: -0.027
 Selected maximum value: 0.482
 Values out of range: Transparent

Statistics

Layer area: 4.160 ha
 Mean index: 0.214
 Index SD: 0.117
 Mean index (visible): 0.212
 Index SD (visible): 0.113



NDRE

with 19 annotations



All area annotations

1.145 ha

info@precisionag.co.za

<https://precisionag.co.za>

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078 247 9146

NDRE

Annotations



Name	Type	Position, length, area or count	Description	Attachm.	C ol or
crop stress	 Area	1.012 ha	-	-	 Fuchsia
Poi 1	● Point	-26.3034175, 27.6826564	-	-	 Fuchsia
Poi 2	 Area	614.747 m ²	-	-	 Fuchsia
Poi 3	● Point	-26.3034204, 27.6827925	-	-	 Fuchsia
Poi 4	● Point	-26.3034741, 27.6829740	-	-	 Fuchsia
Poi 5	● Point	-26.3034218, 27.6830599	-	-	 Fuchsia
Poi 6	 Area	715.478 m ²	-	-	 Fuchsia
Poi 7	● Point	-26.3034187, 27.6833501	-	-	 Fuchsia
Poi 8	● Point	-26.3034221, 27.6834839	-	-	 Fuchsia
Poi 9	● Point	-26.3034474, 27.6836116	-	-	 Fuchsia
Poi 10	● Point	-26.3034344, 27.6837454	-	-	 Fuchsia
Poi 11	● Point	-26.3034446, 27.6838192	-	-	 Fuchsia
Poi 12	● Point	-26.3034467, 27.6839294	-	-	 Fuchsia
Poi 13	● Point	-26.3035148, 27.6840306	-	-	 Fuchsia
POI CROP STRESS	● Point	-26.3034684, 27.6818288	-	-	 Turquoise
POI CROP STREST	● Point	-26.3036948, 27.6820505	-	-	 Blue
POI CROP STRESU	● Point	-26.3043162, 27.6826904	-	-	 Blue
POI CROP STRESV	● Point	-26.3041099, 27.6831506	-	-	 Blue
POI CROP STRESW	● Point	-26.3039917, 27.6823620	-	-	 Blue



NDRE

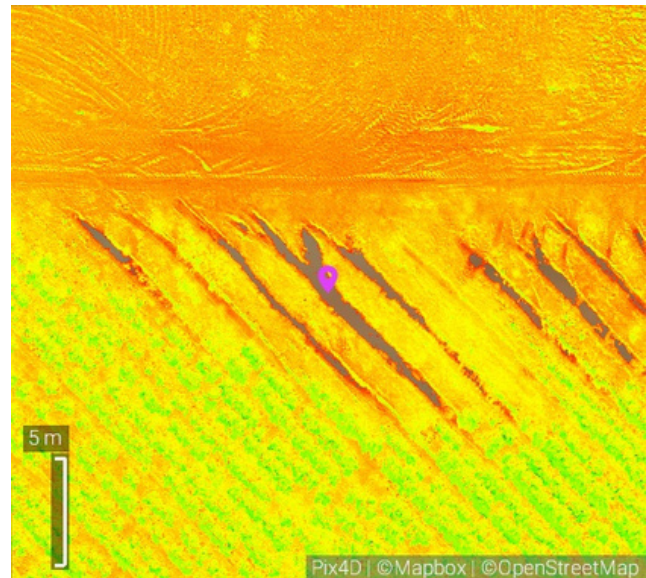
Annotations



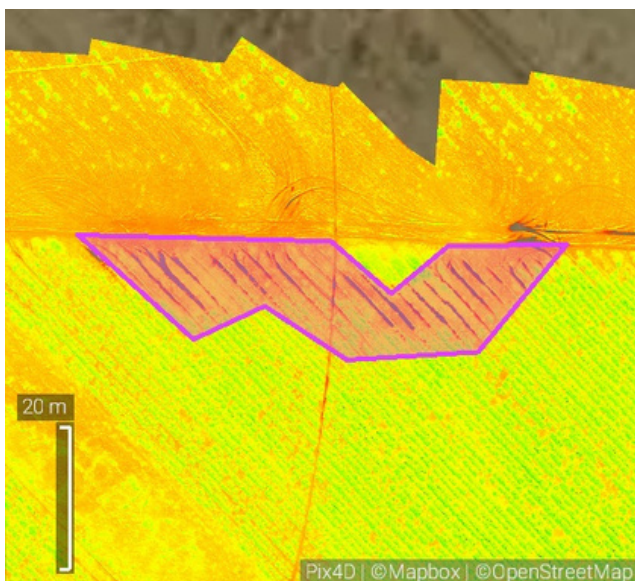
Area annotations	Area
■ Fuchsia	1.145 ha



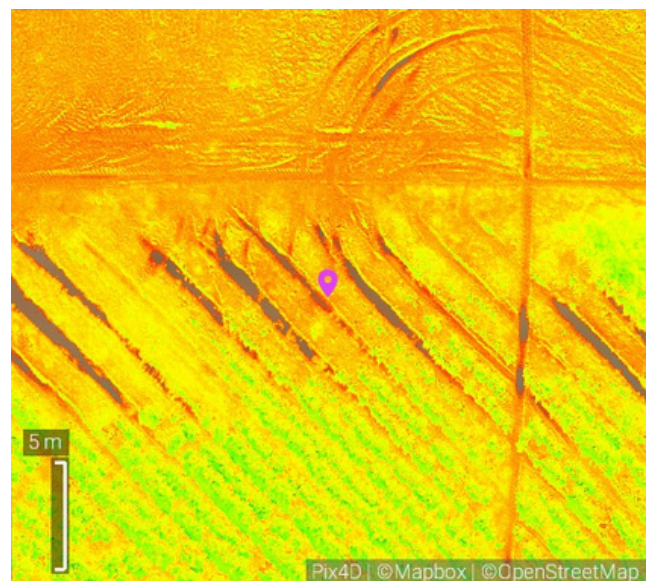
Name: crop stress
Area: 1.012 ha
Mean index: 0.218 (SD: 0.109)
Mean index (visible): 0.218 (SD: 0.108)



Name: Poi 1
GPS: -26.3034175, 27.6826564
Index value: -0.177



Name: Poi 2
Area: 614.747 m²
Mean index: 0.149 (SD: 0.108)
Mean index (visible): 0.161 (SD: 0.095)

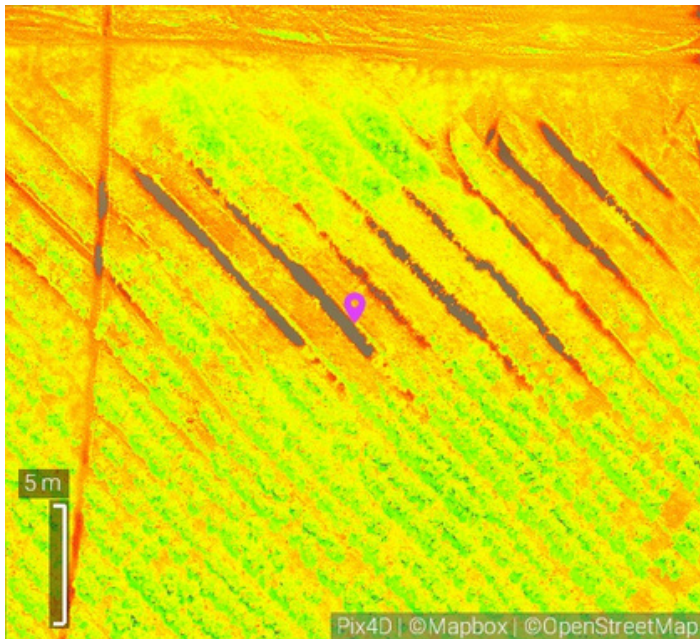


Name: Poi 3
GPS: -26.3034204, 27.6827925
Index value: 0.110

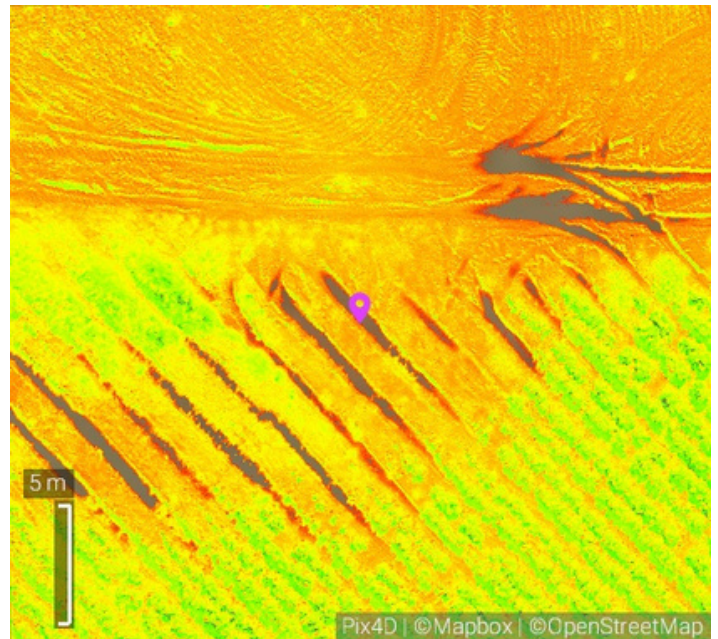


NDRE

Annotations



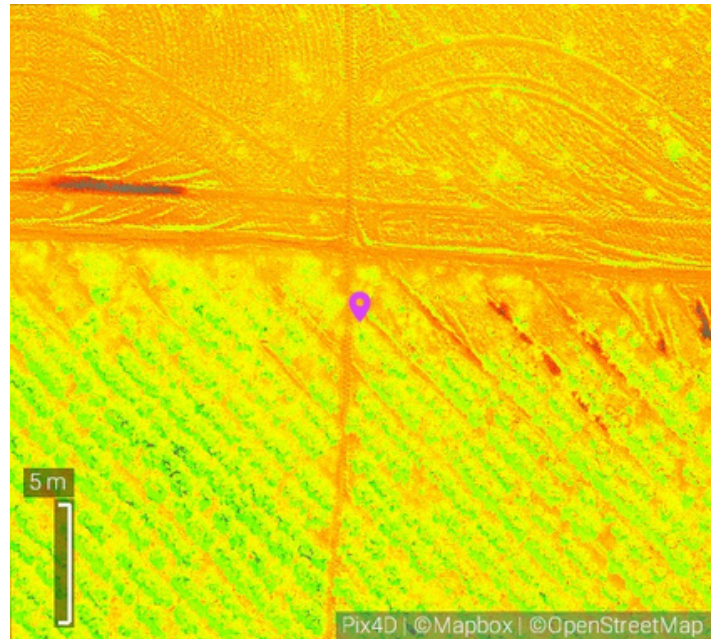
Name: Poi 4
GPS: -26.3034741, 27.6829740
Index value: 0.262



Name: Poi 5
GPS: -26.3034218, 27.6830599
Index value: -0.037



Name: Poi 6
Area: 715.478 m²
Mean index: 0.182 (SD: 0.107)
Mean index (visible): 0.184 (SD: 0.104)

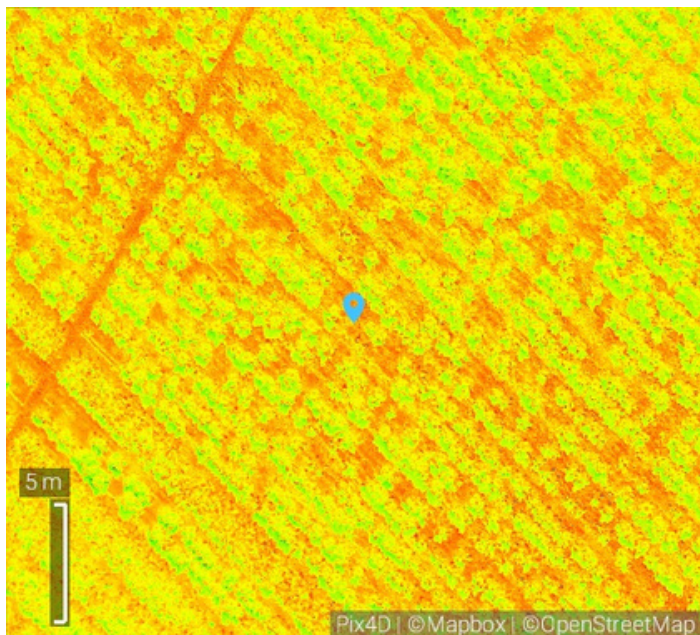


Name: Poi 7
GPS: -26.3034187, 27.6833501
Index value: 0.227

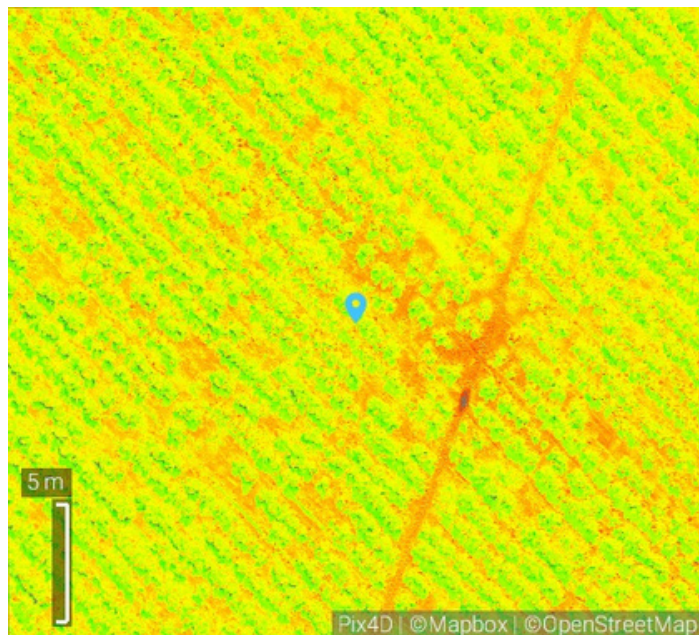


NDRE

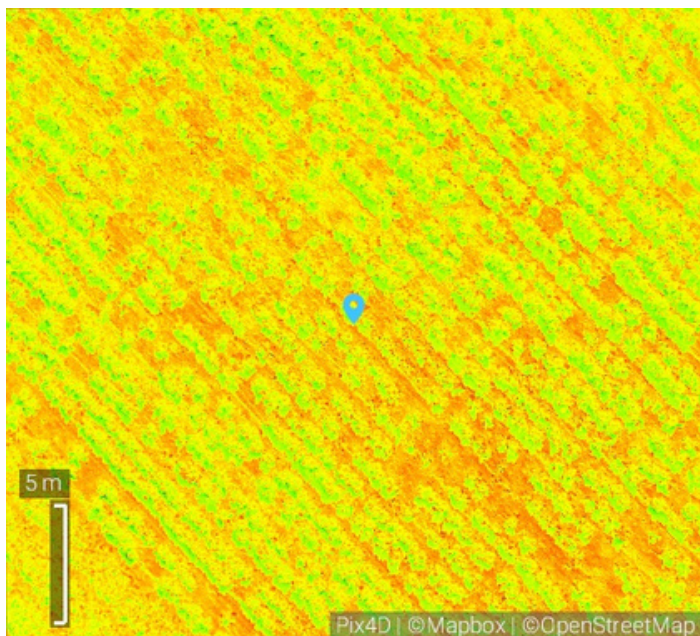
Annotations



Name: POI CROP STRESU
GPS: -26.3043162, 27.6826904
Index value: 0.107



Name: POI CROP STRESV
GPS: -26.3041099, 27.6831506
Index value: 0.271



Name: POI CROP STRESW
GPS: -26.3039917, 27.6823620
Index value: 0.099



Orthomosaic

Orthomosaic



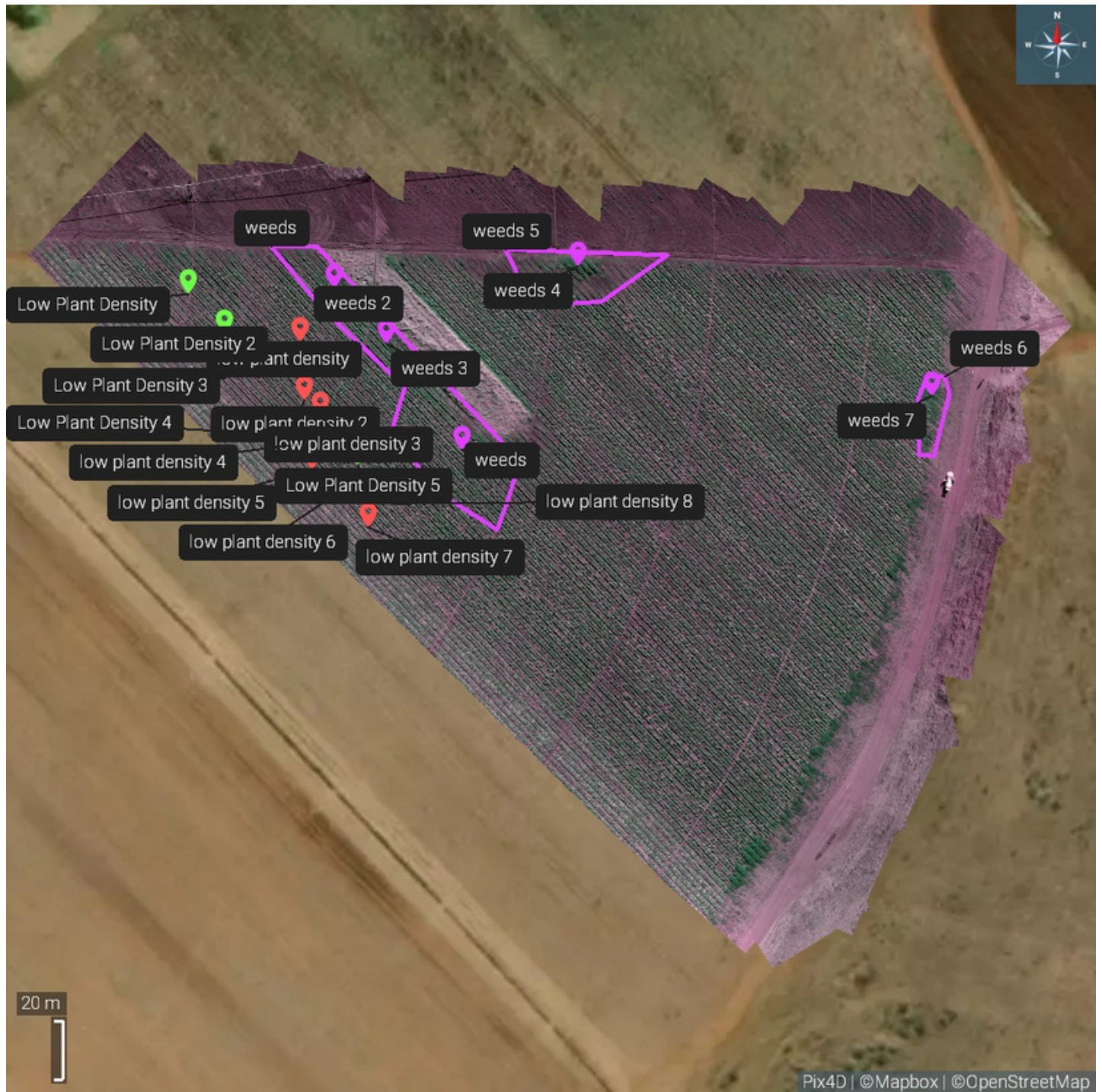
Layer details

Acquisition	2024/07/05 10:53:11 South Africa Standard Time Duration: 00:05:20
Center	-26.3041585, 27.6828612 (WGS84)
Area	~4.165 ha
GSD	1.779 cm/px
Bands	5 (Green, Red, Red edge, NIR, Alpha)



Orthomosaic

with 21 annotations



All area annotations	0.218 ha
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Orthomosaic

Annotations



Name	Type	Position, length, area or count	Description	Attachm.	Color
Low Plant Density	● Point	-26.3034808, 27.6817860	-	-	Bright green
low plant density	● Point	-26.3036069, 27.6821197	-	-	Red
Low Plant Density 2	● Point	-26.3035887, 27.6818958	-	-	Bright green
low plant density 2	● Point	-26.3037633, 27.6821308	-	-	Red
Low Plant Density 3	● Point	-26.3037034, 27.6818971	-	-	Bright green
low plant density 3	● Point	-26.3038056, 27.6821786	-	-	Red
Low Plant Density 4	● Point	-26.3038553, 27.6820632	-	-	Bright green
low plant density 4	● Point	-26.3038824, 27.6820889	-	-	Red
Low Plant Density 5	● Point	-26.3039350, 27.6822902	-	-	Bright green
low plant density 5	● Point	-26.3039459, 27.6821527	-	-	Red
low plant density 6	● Point	-26.3040142, 27.6822203	-	-	Red
low plant density 7	● Point	-26.3040995, 27.6823188	-	-	Red
low plant density 8	● Point	-26.3040374, 27.6823970	-	-	Red
weeds	📐 Area	0.151 ha	-	-	Fuchsia
weeds	● Point	-26.3038950, 27.6825971	-	-	Fuchsia
weeds 2	● Point	-26.3034665, 27.6822180	-	-	Fuchsia
weeds 3	● Point	-26.3036130, 27.6823735	-	-	Fuchsia
weeds 4	● Point	-26.3034070, 27.6829405	-	-	Fuchsia
weeds 5	📐 Area	518.762 m ²	-	-	Fuchsia



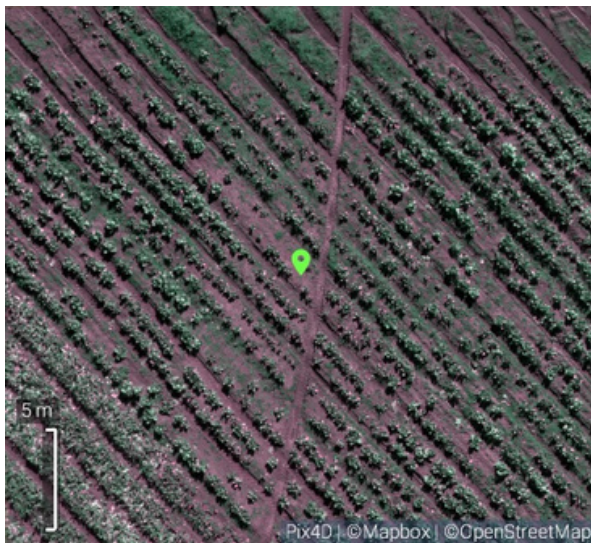
Orthomosaic

Annotations

Area annotations	Area
■ Fuchsia	0.218 ha



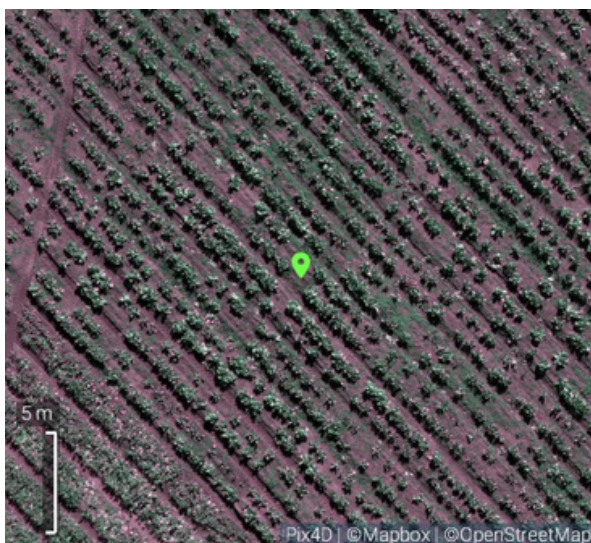
Name	Type	Position, length, area or count	Description	Attachm.	Color
weeds 6	 Area	150.537 m ²	-	-	■ Fuchsia
weeds 7	 Point	-26.3037514, 27.6839870	-	-	■ Fuchsia



Name: Low Plant Density
GPS: -26.3034808, 27.6817860



Name: low plant density
GPS: -26.3036069, 27.6821197



Name: Low Plant Density 2
GPS: -26.3035887, 27.6818958



Name: low plant density 2
GPS: -26.3037633, 27.6821308



Orthomosaic

Annotations



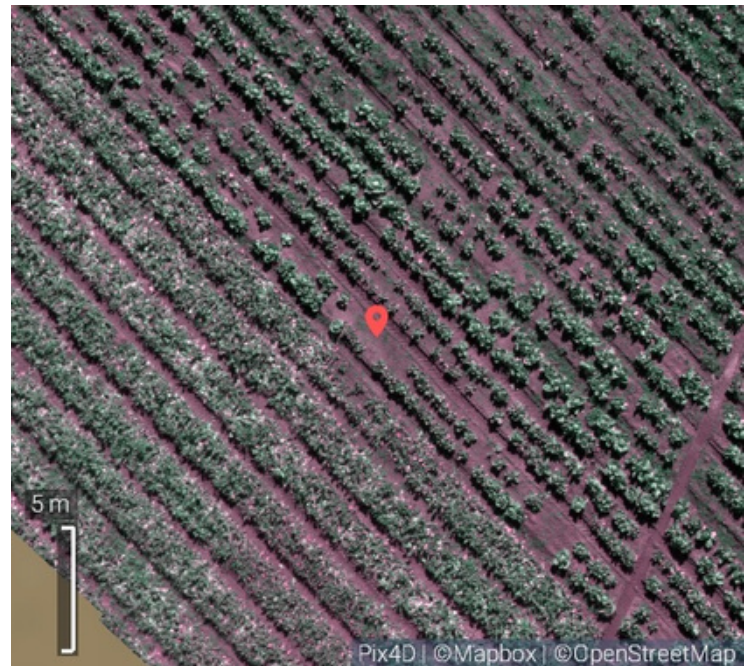
Name: Low Plant Density 3
GPS: -26.3037034, 27.6818971



Name: low plant density 3
GPS: -26.3038056, 27.6821786



Name: Low Plant Density 4
GPS: -26.3038553, 27.6820632



Name: low plant density 4
GPS: -26.3038824, 27.6820889



Orthomosaic

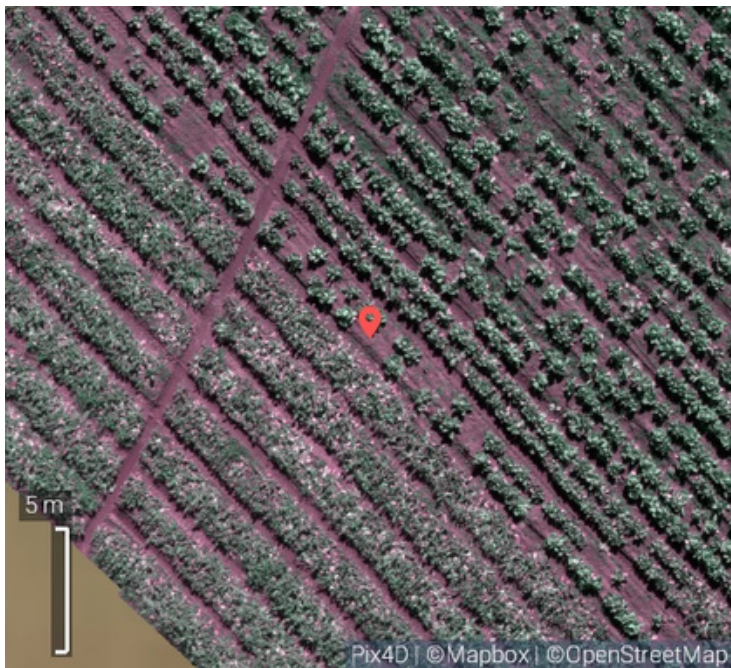
Annotations



Name: Low Plant Density 5
GPS: -26.3039350, 27.6822902



Name: low plant density 5
GPS: -26.3039459, 27.6821527



Name: low plant density 6
GPS: -26.3040142, 27.6822203



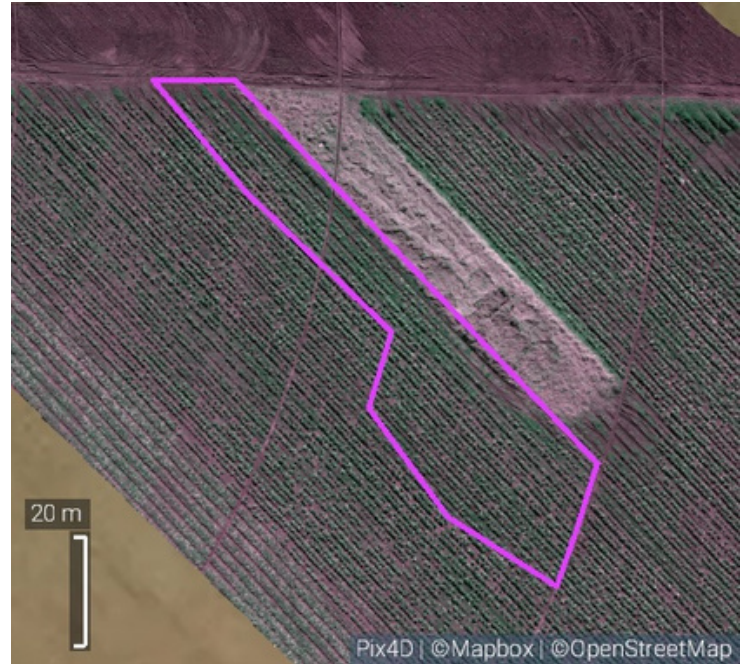
Name: low plant density 7
GPS: -26.3040995, 27.6823188

Orthomosaic

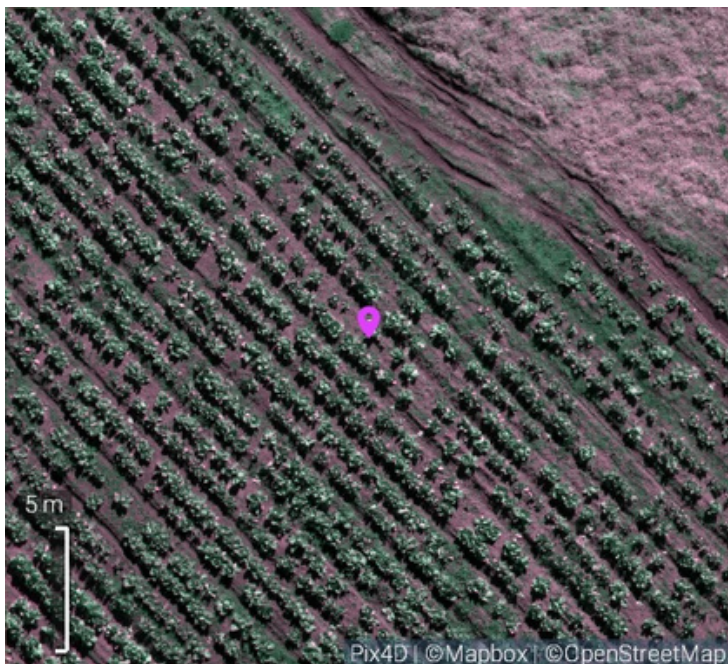
Annotations



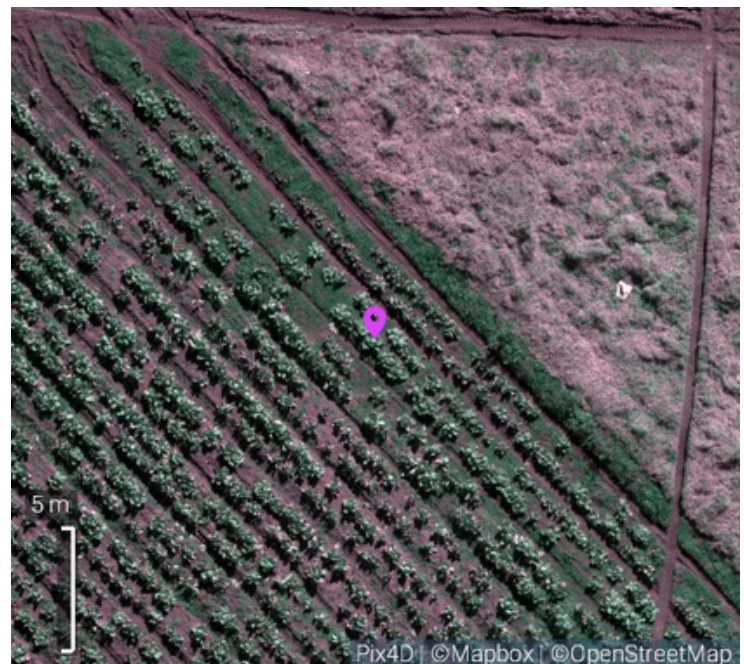
Name: low plant density 8
GPS: -26.3040374, 27.6823970



Name: weeds
Area: 0.151 ha



Name: weeds
GPS: -26.3038950, 27.6825971



Name: weeds 2
GPS: -26.3034665, 27.6822180

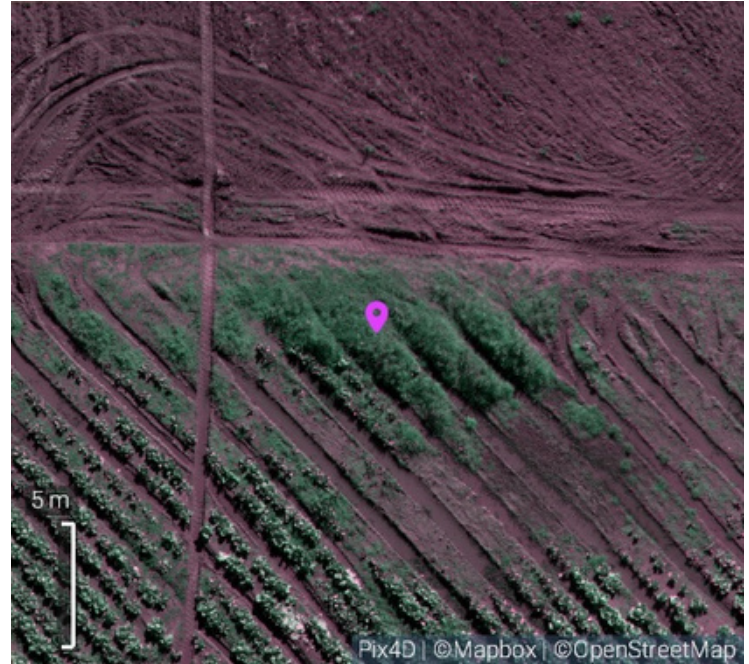


Orthomosaic

Annotations



Name: weeds 3
GPS: -26.3036130, 27.6823735



Name: weeds 4
GPS: -26.3034070, 27.6829405



Name: weeds 5
Area: 518.762 m²



Name: weeds 6
Area: 150.537 m²



Orthomosaic

Annotations



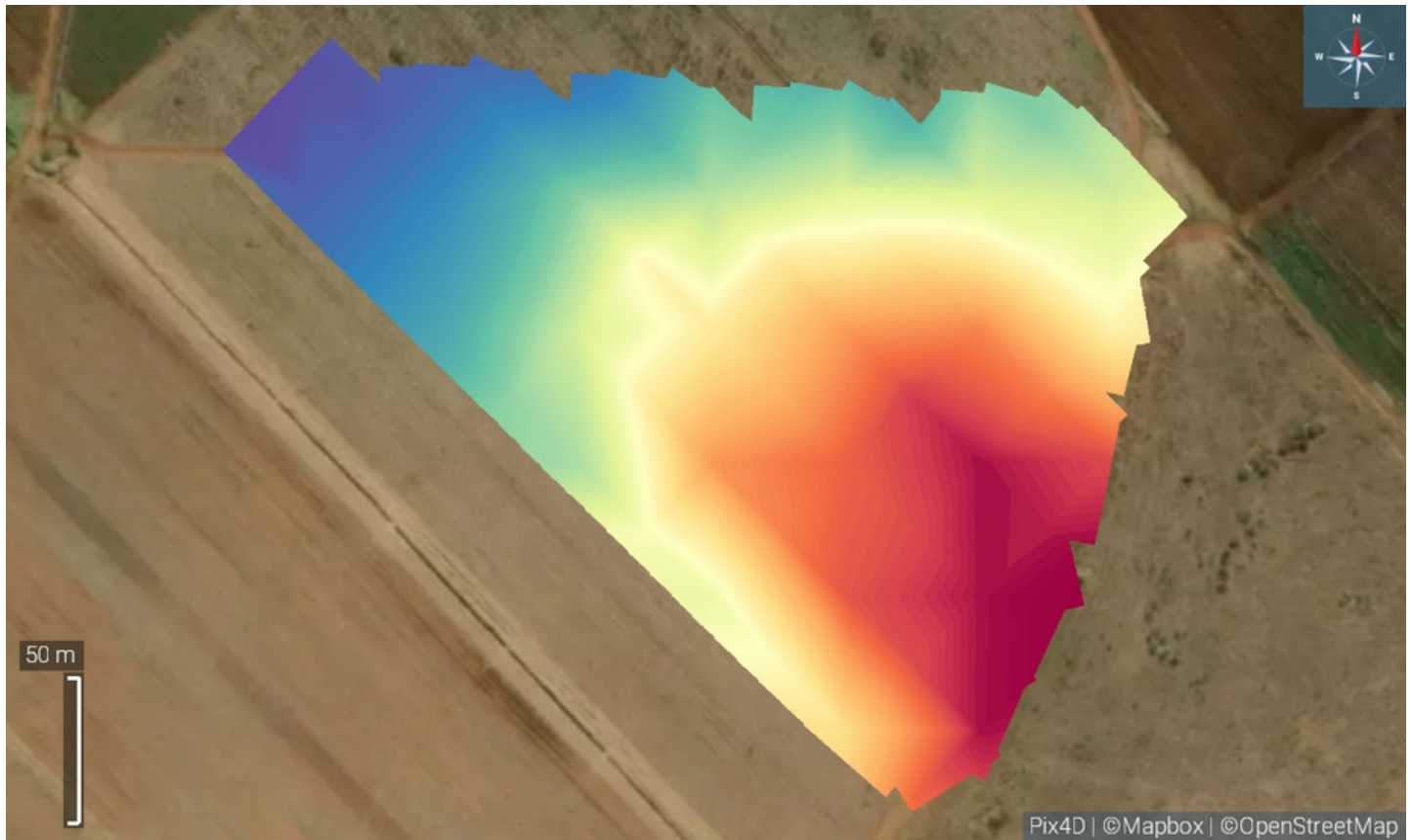
Name: weeds 7

GPS: -26.3037514, 27.6839870



Surface model

Surface model



Layer details

Acquisition	Information not available
Center	-26.3041585, 27.6828609 (WGS84)
Area	~4.160 ha
GSD	24.646 cm/px
Bands	1 (DSM)

Elevation



Visualization settings

Selected minimum value:1,616.885

Selected maximum value:1,619.387

Values out of range: Solid

Statistics

Layer area: 4.160 ha

Mean height: 1,618.572 m

Height SD: 0.638 m

Mean height (visible):1,618.572 m

Height SD (visible): 0.638 m

