



Sustainability

Ag Tech

Data

Innovation



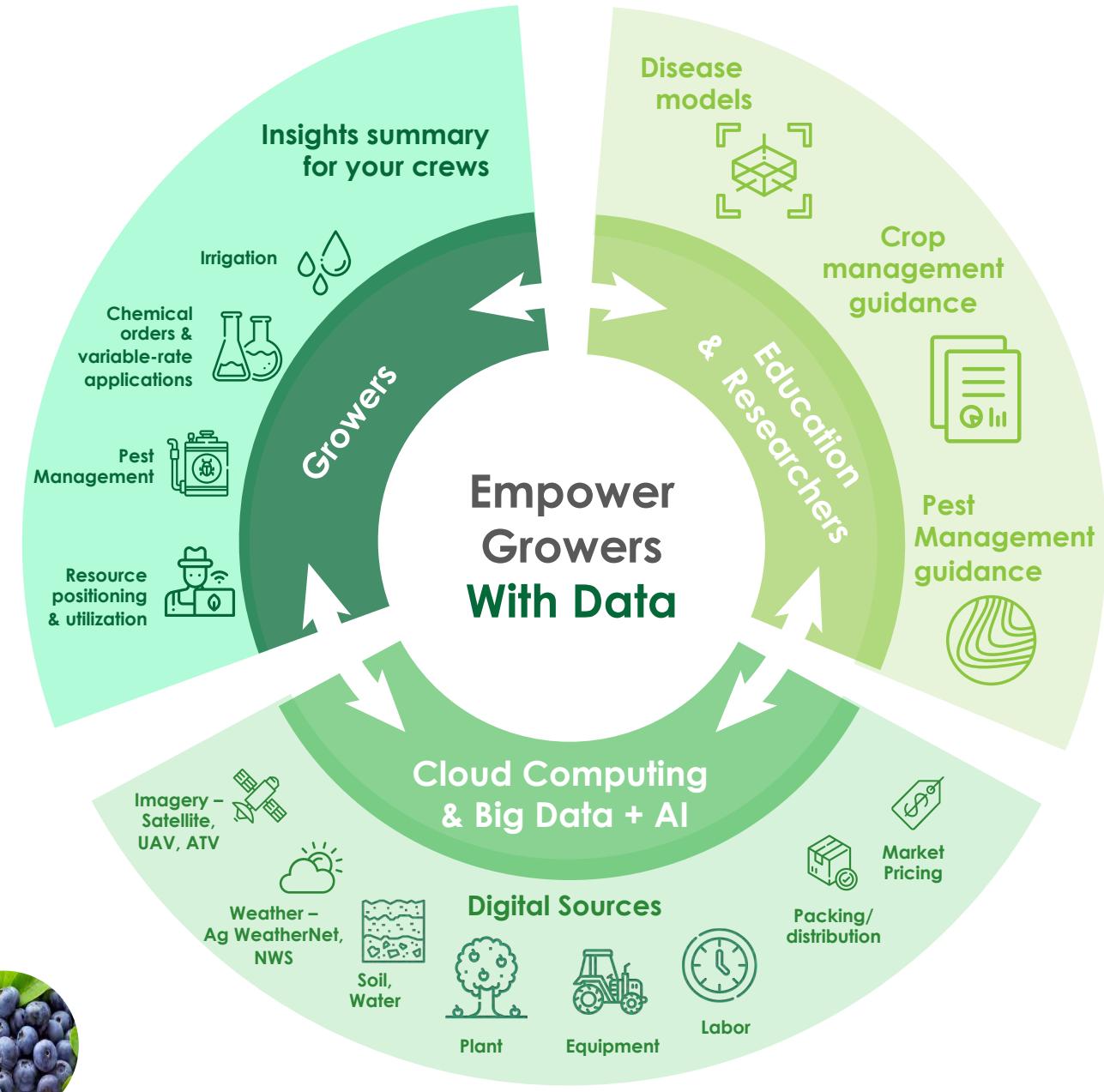
innov8.ag
EMPOWERING GROWERS WITH DATA

WA Fruit Smart Orchard
Grandview Green Atlas Data



What's Inside

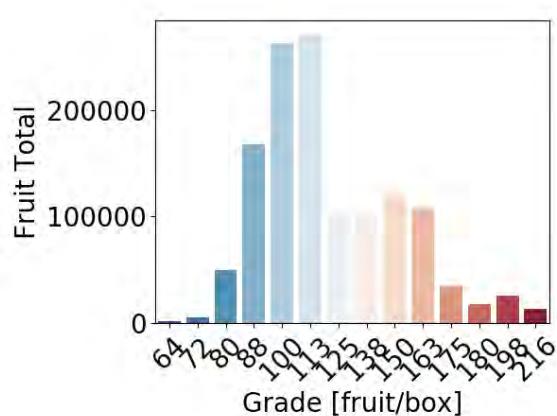
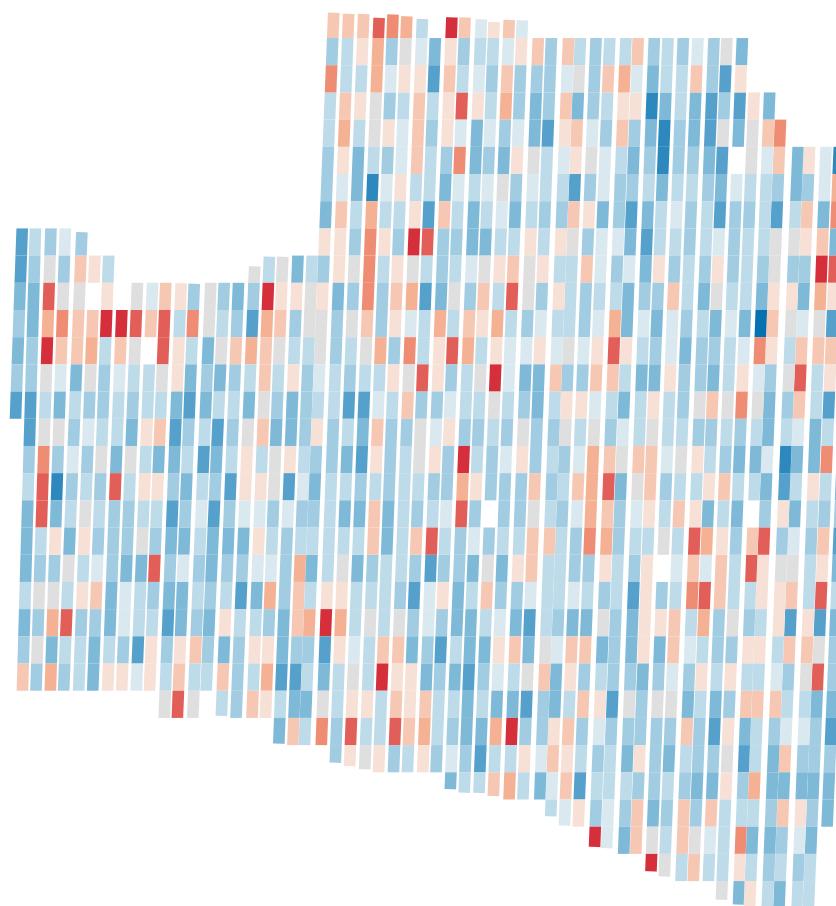
- Size Grade Data
- Total
- Upper
- Lower
- Hue
- Size
- Height
- Cluster-Count
- Cluster Size
- Canopy Density
- Canopy Area
- Leaf Area



SmartOrchard : Fruit/Box by Size

Grade [Fruit/box]

- 64
- 72
- 80
- 88
- 100
- 113
- 125
- 138
- 150
- 163
- 175
- 180
- 198
- 216



Client	Orchard	Block	Crop	Stage	Scan Date
WA Fruit	Grandview	SmartOrchard	Honeycrisp	preharvest	8/16/2021

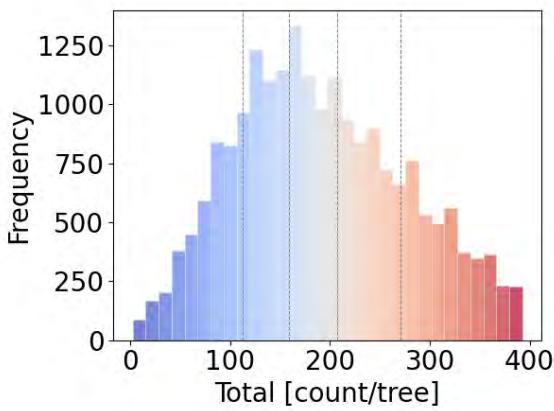
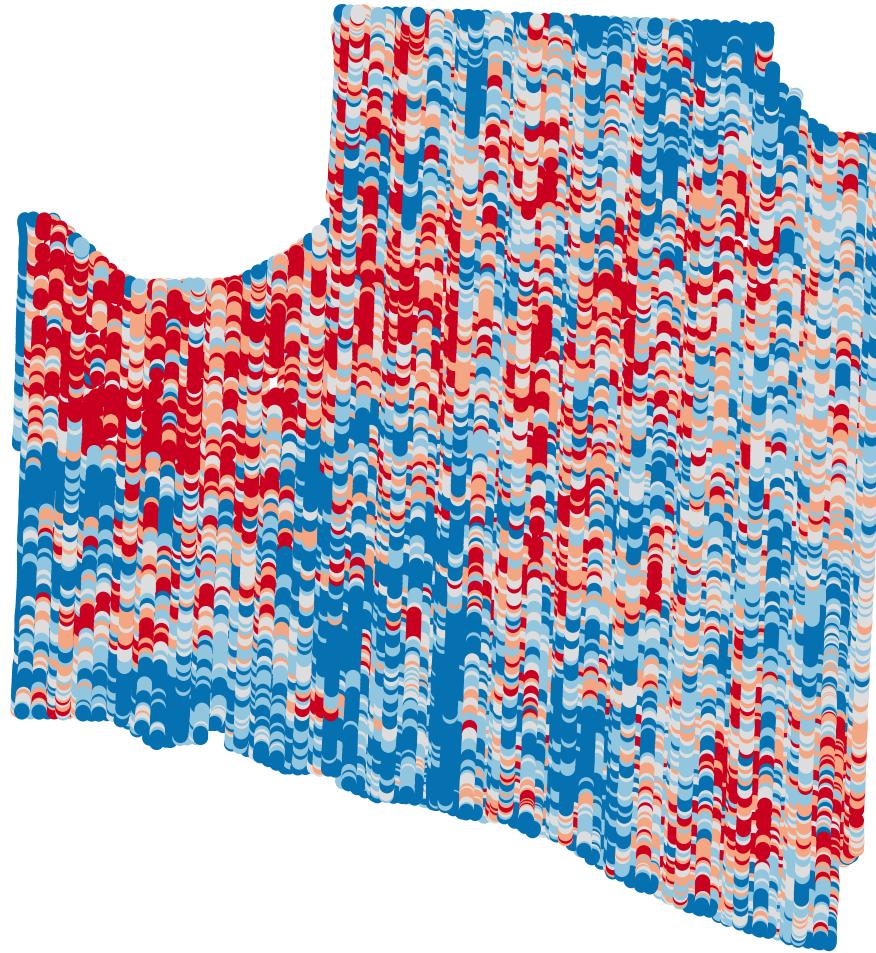
Mean	Target	Block total	CV	Acres
121 [Fruit/box]	xyz [Fruit/box]	1280768	25 [%]	15.72



0 25 50 75 100 m

*This document is designed to provide you a "snapshot" of your field at a glance. Legend descriptions are not recommendations.

SmartOrchard : Total

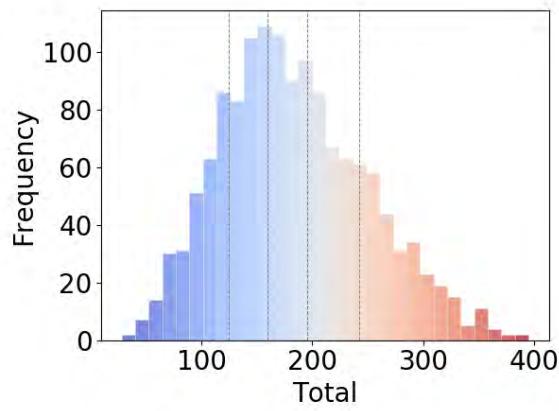
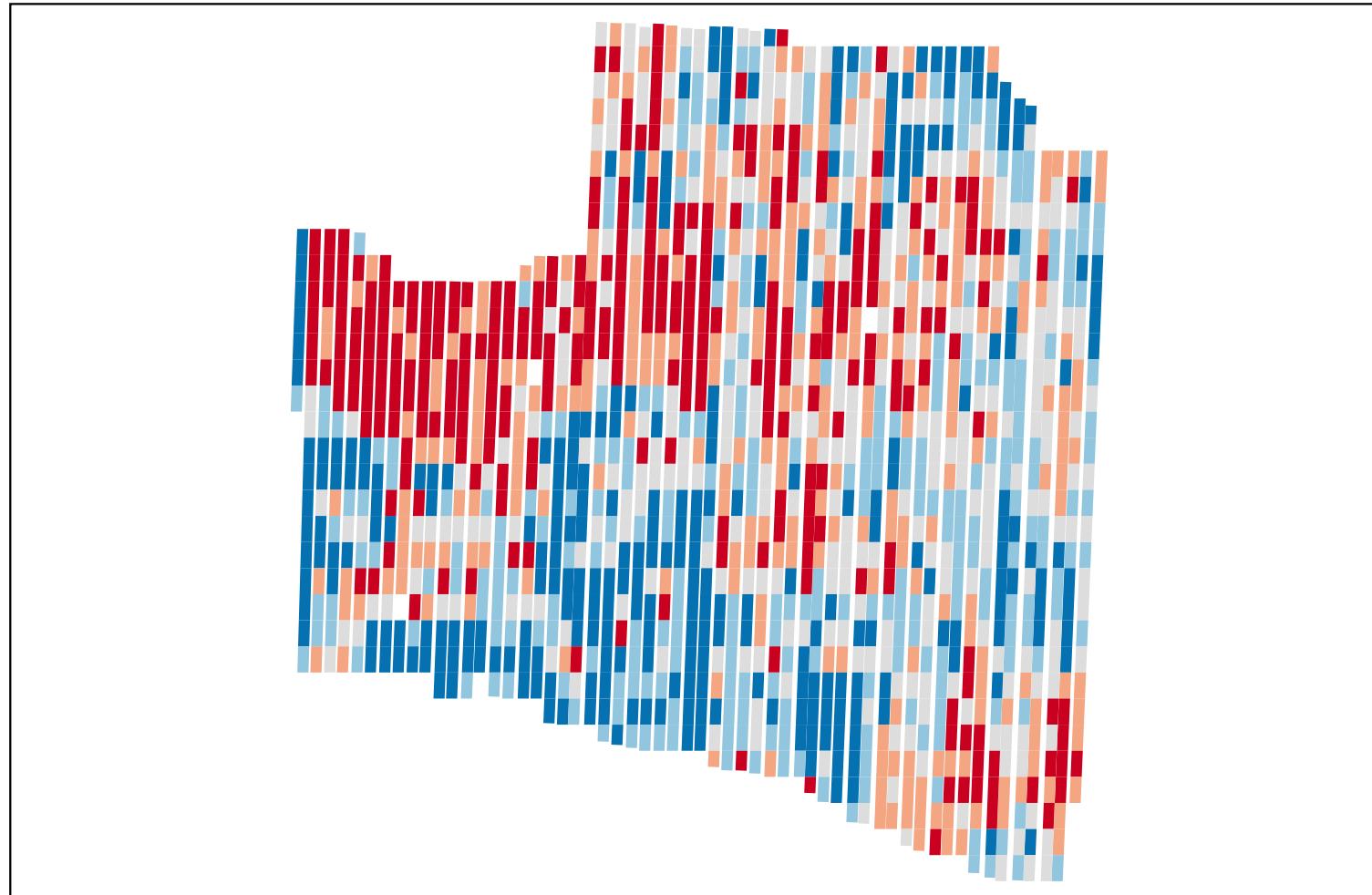


Client Orchard Block Crop Stage Scan Date

WA Fruit	Grandview	SmartOrchard	Honeycrisp	preharvest	8/16/2021
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Mean	Target	Block total	CV	Acres
190 [count/tree]	xyz [count/tree]	1359764	45 [%]	15.72

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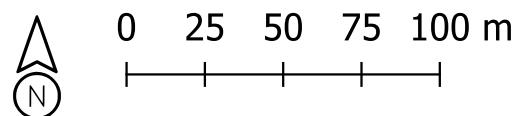


Total [count/30 ft]

- 28-124
- 124-159
- 159-195
- 195-242
- >242

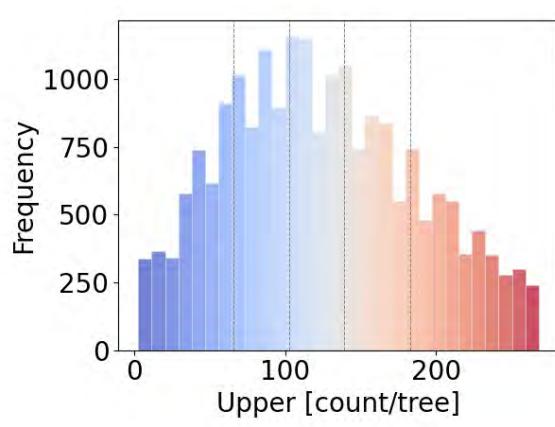
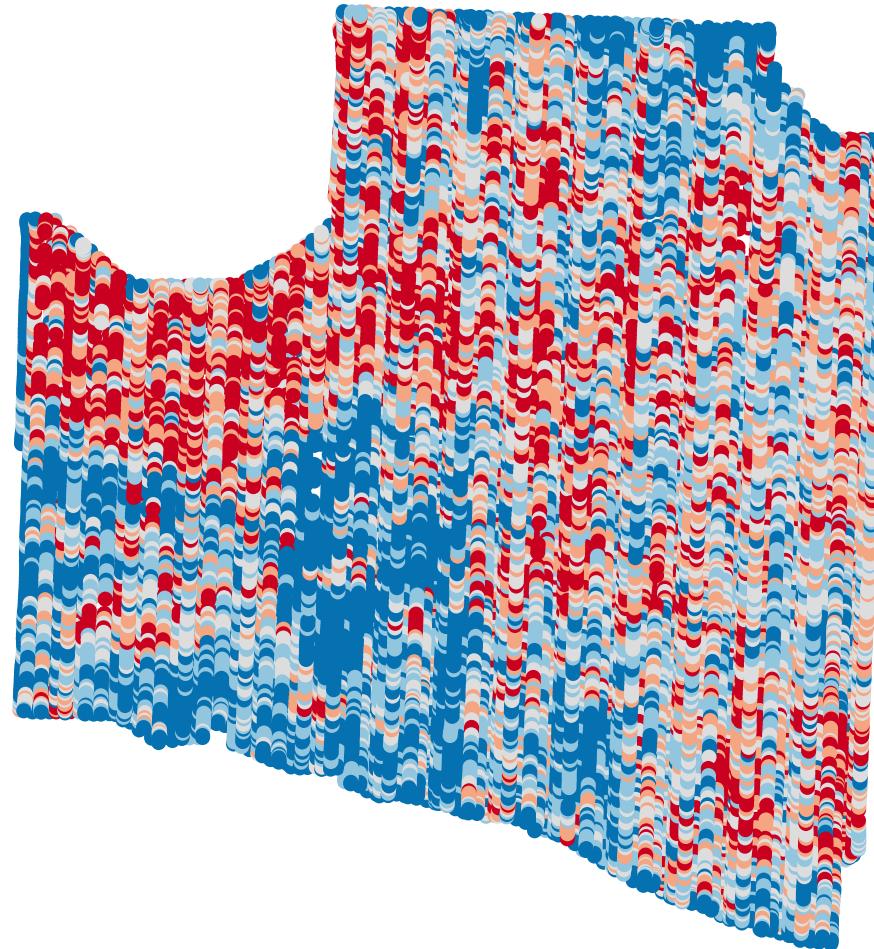
Client	Orchard	Block	Crop	Stage	Scan Date
WA Fruit	Grandview	SmartOrchard	Honeycrisp	preharvest	8/16/2021

Mean	Target	CV	Acres
183 [count/30 ft]	xyz [count/30 ft]	35 [%]	15.72



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SmartOrchard : Upper



Upper [count/tree]

- 2-65
- 65-102
- 102-138
- 138-182
- >182

Client	Orchard	Block	Crop	Stage	Scan Date
WA Fruit	Grandview	SmartOrchard	Honeycrisp	preharvest	8/16/2021

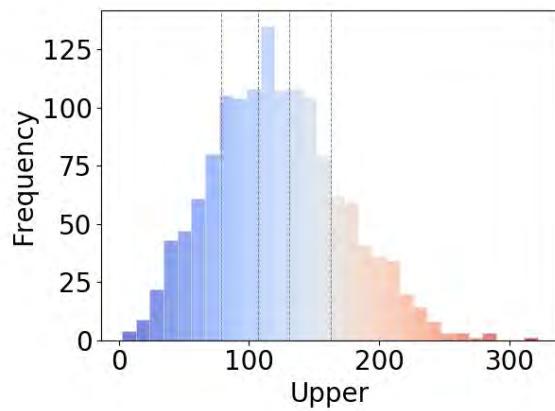
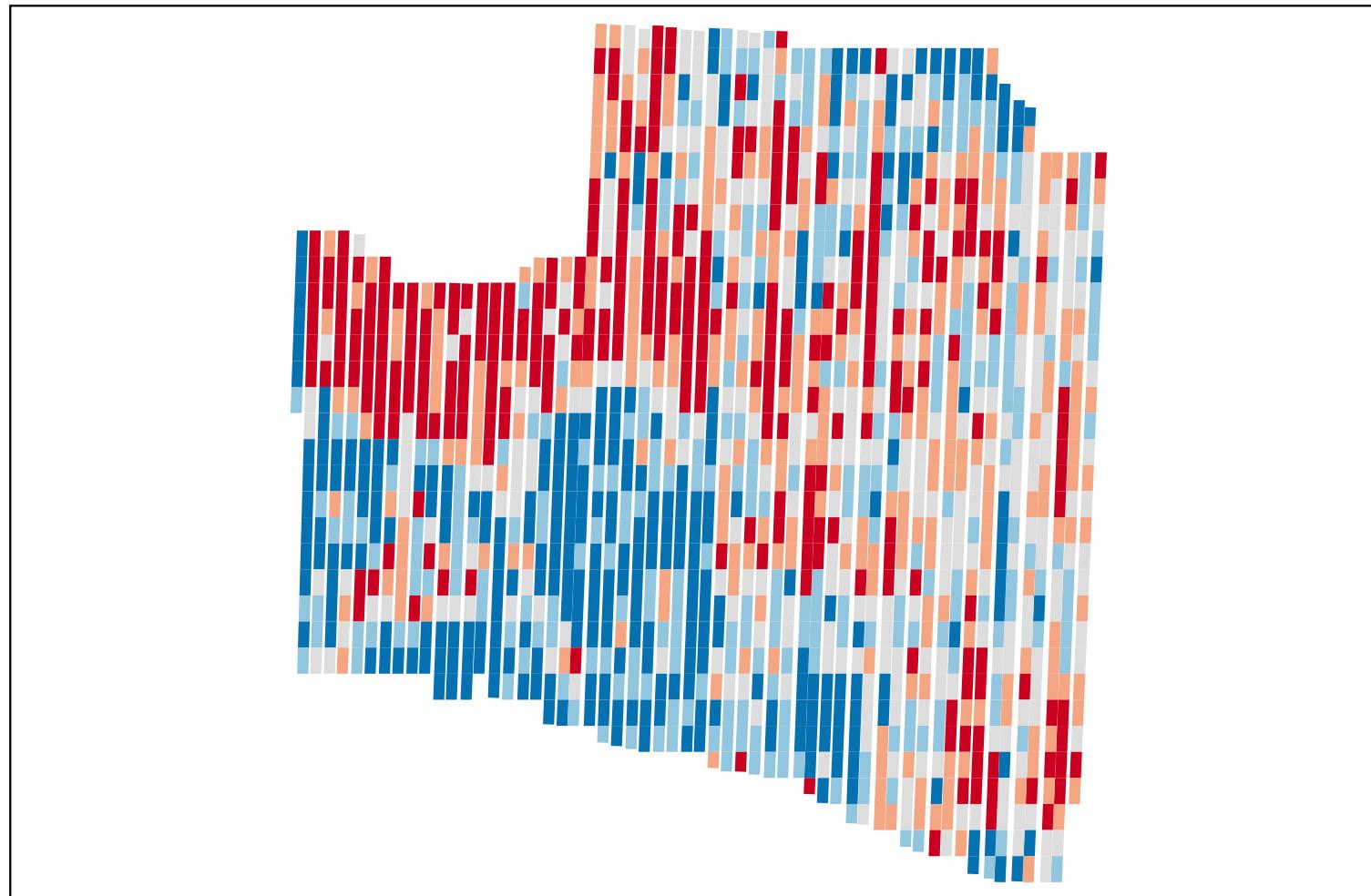
Mean	Target	CV	Acres
124 [count/tree]	xyz [count/tree]	50 [%]	15.72



0 25 50 75 100 125 m

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SmartOrchard : Upper

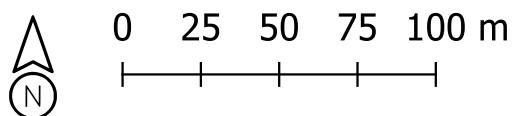


Upper [count/30 ft]

- 2-78
- 78-106
- 106-131
- 131-162
- >162

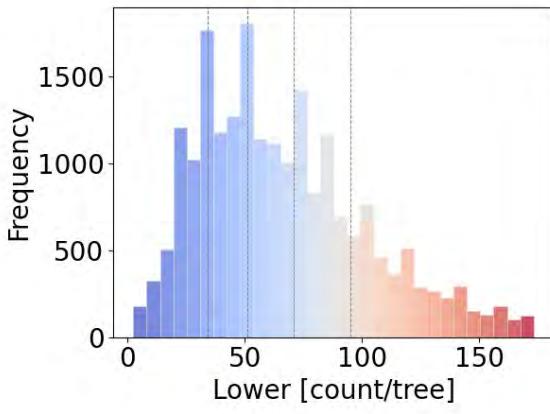
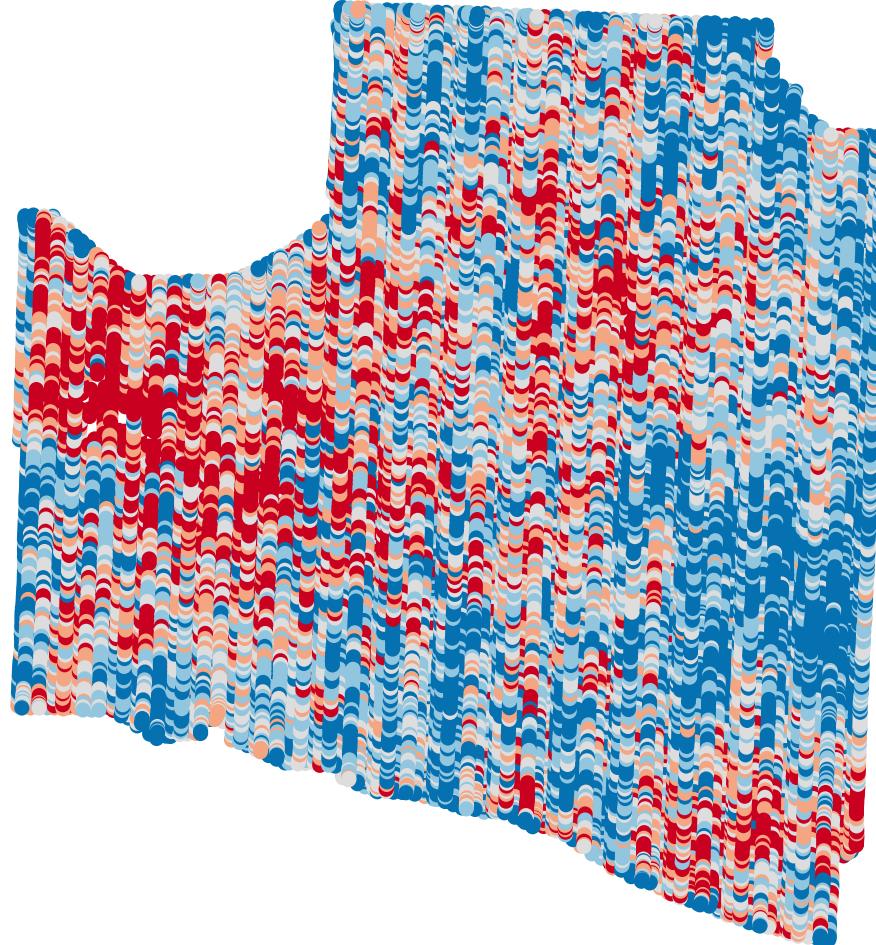
Client	Orchard	Block	Crop	Stage	Scan Date
WA Fruit	Grandview	SmartOrchard	Honeycrisp	preharvest	8/16/2021

Mean	Target	CV	Acres
121 [count/30 ft]	xyz [count/30 ft]	40 [%]	15.72



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SmartOrchard : Lower



Lower [count/tree]

- 2-34
- 34-51
- 51-70
- 70-95
- >95

Client	Orchard	Block	Crop	Stage	Scan Date
WA Fruit	Grandview	SmartOrchard	Honeycrisp	preharvest	8/16/2021

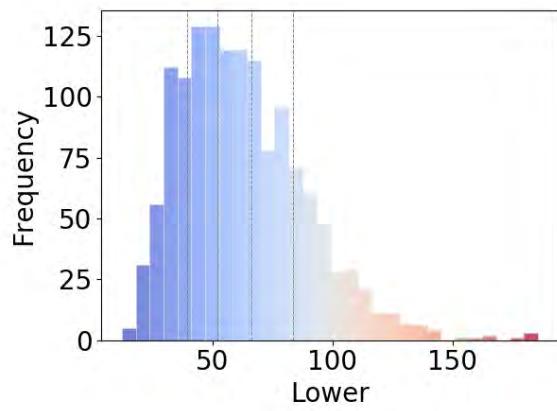
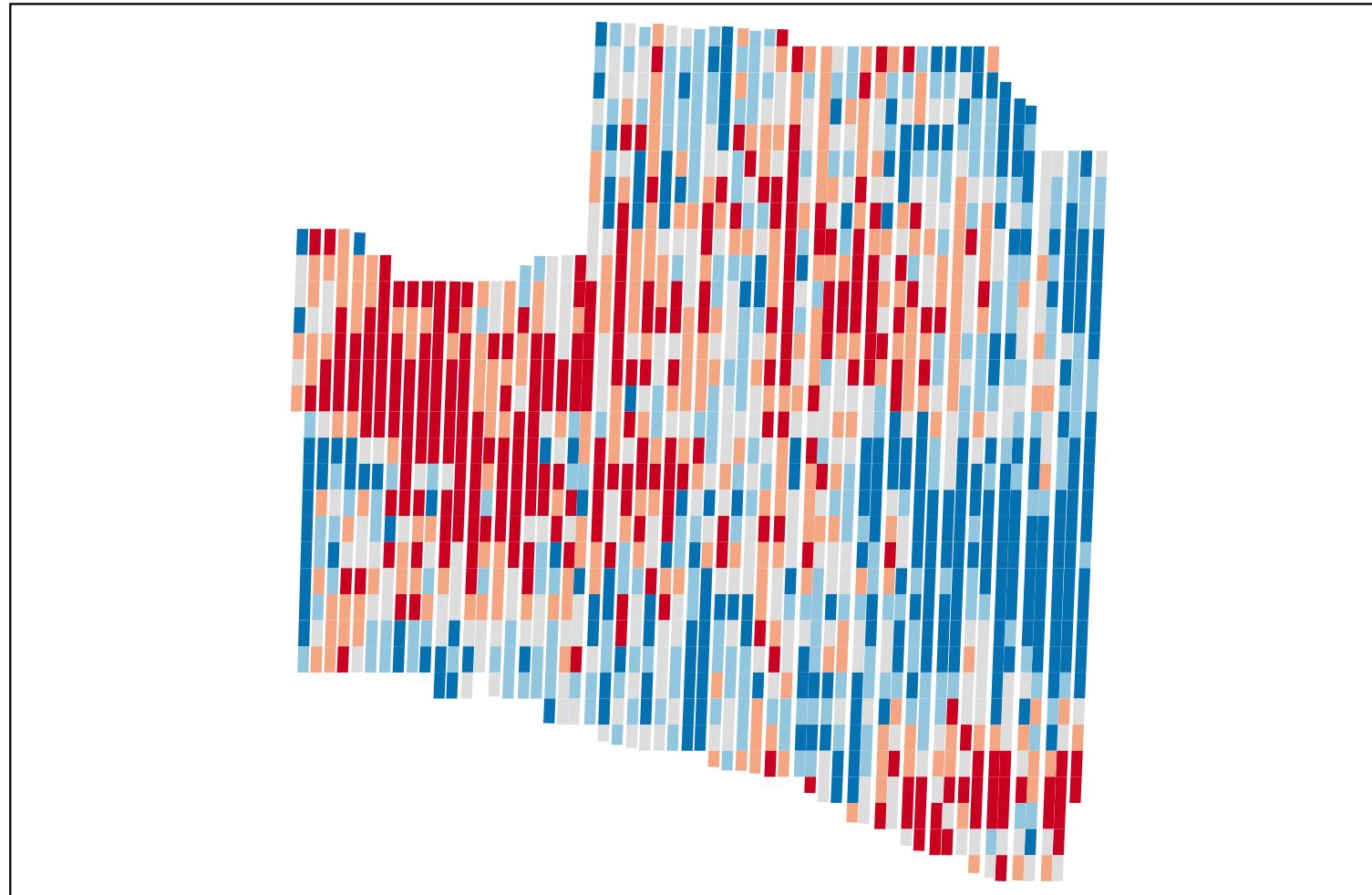
Mean	Target	CV	Acres
66 [count/tree]	xyz [count/tree]	53 [%]	15.72



0 25 50 75 100 125 m

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SmartOrchard : Lower



Lower [count/30 ft]

12-39

39-52

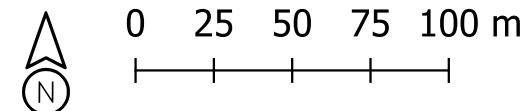
52-66

66-83

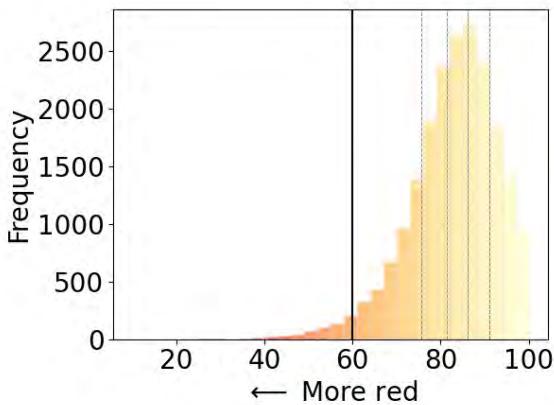
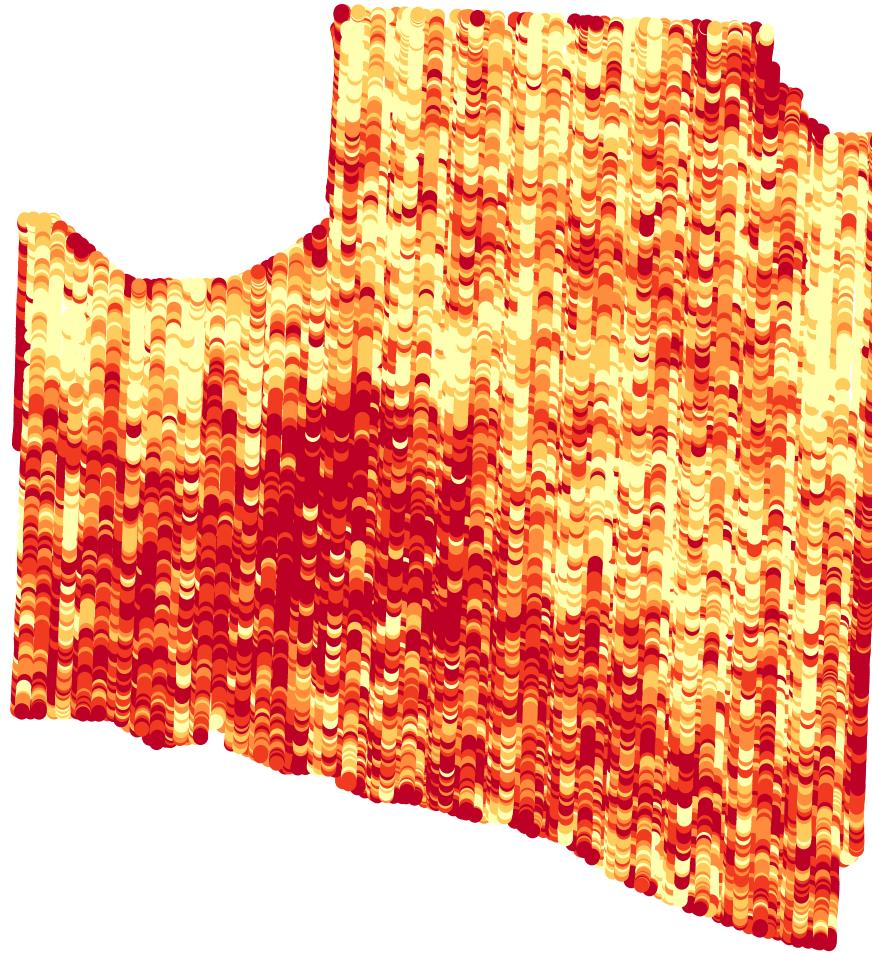
>83

Client	Orchard	Block	Crop	Stage	Scan Date
WA Fruit	Grandview	SmartOrchard	Honeycrisp	preharvest	8/16/2021

Mean	Target	CV	Acres
62 [count/30 ft]	xyz [count/30 ft]	41 [%]	15.72



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Hue [degrees]

- 10.19-75.56
- 75.57-81.52
- 81.53-86.2
- 86.21-91.14
- >91.145

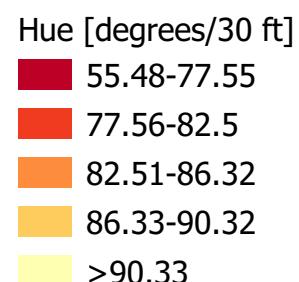
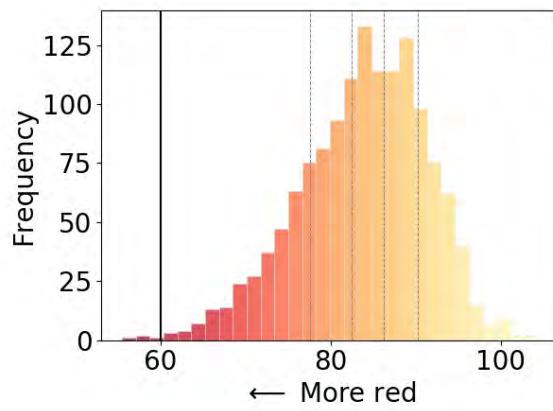
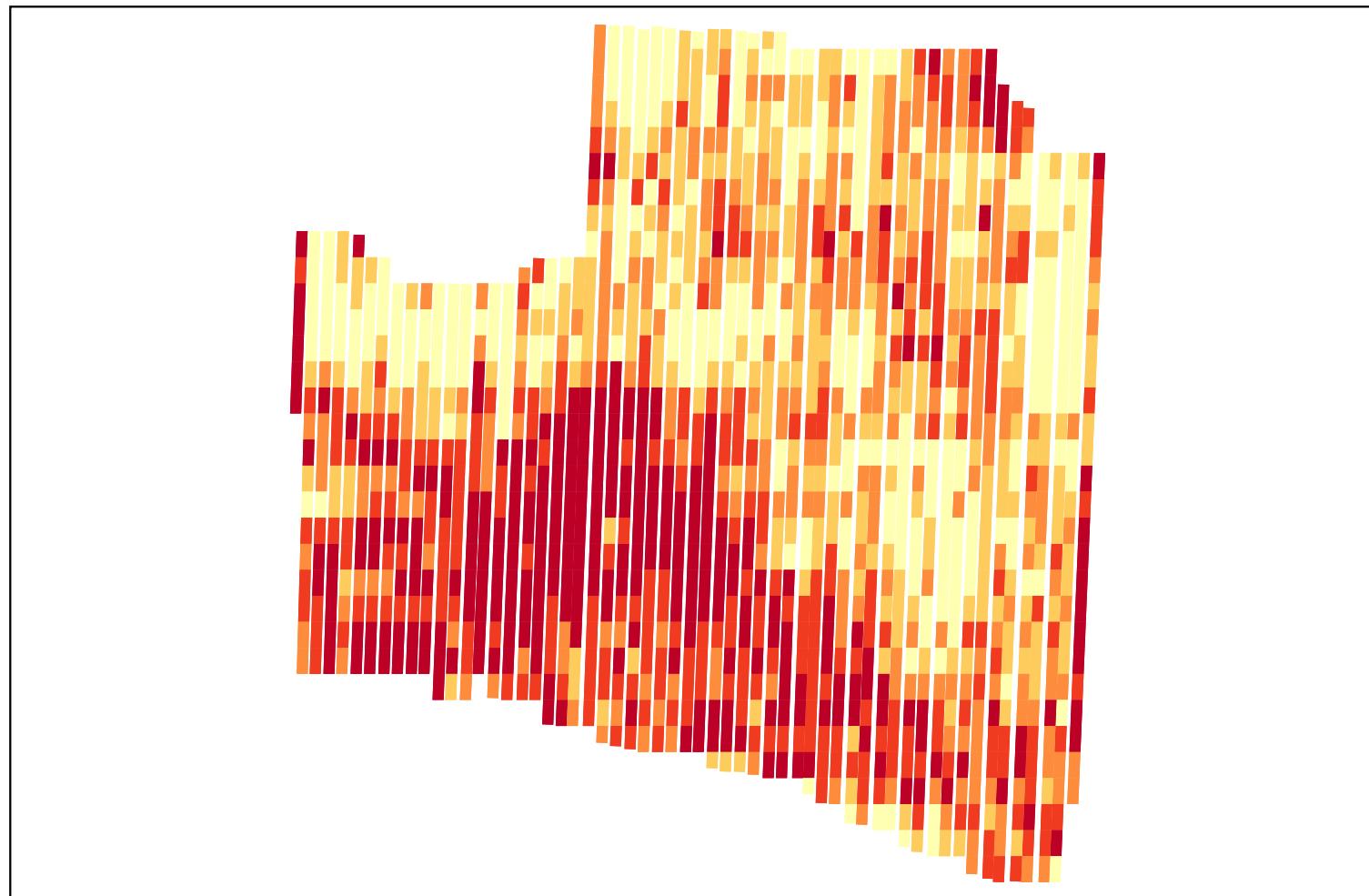


0 50 100 150 200 m

Client	Orchard	Block	Crop	Stage	Scan Date
WA Fruit	Grandview	SmartOrchard	Honeycrisp	preharvest	8/16/2021

Mean	Target	CV	Acres
82.77 [degrees]	xyz [degrees]	11 [%]	15.72

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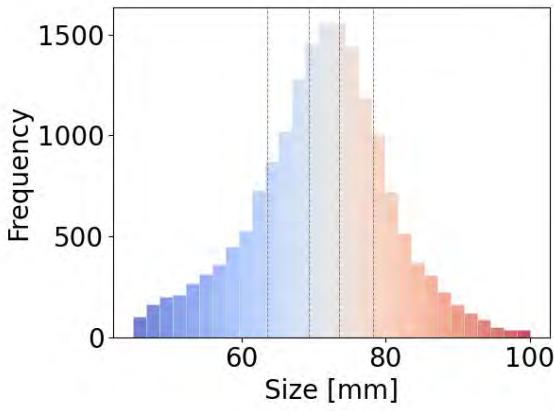
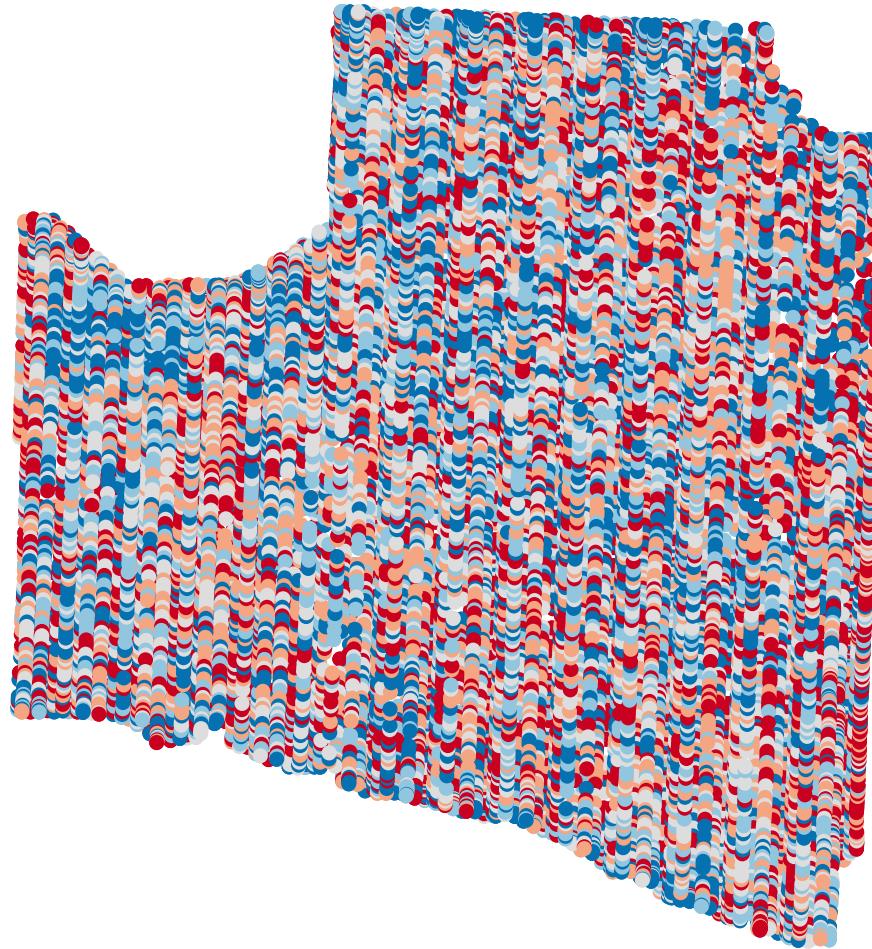
Client	Orchard	Block	Crop	Stage	Scan Date
WA Fruit	Grandview	SmartOrchard	Honeycrisp	preharvest	8/16/2021

Mean	Target	CV	Acres
83.79 [degrees/30 ft]	xyz [degrees/30 ft]	8 [%]	15.72



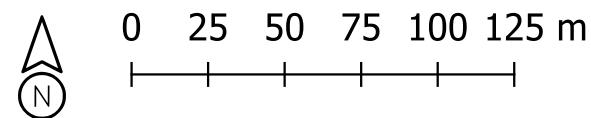
*This document is designed to provide you a "snapshot" of your field at a glance. Legend descriptions are not recommendations.

SmartOrchard : Size



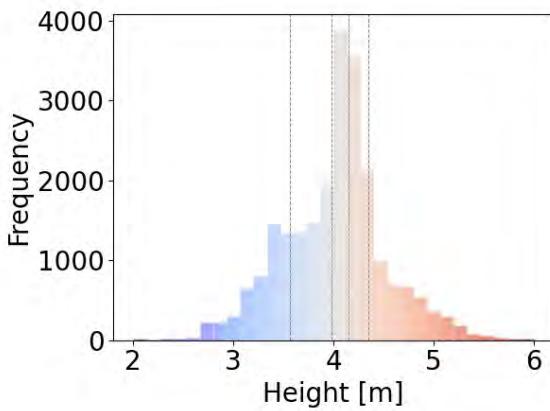
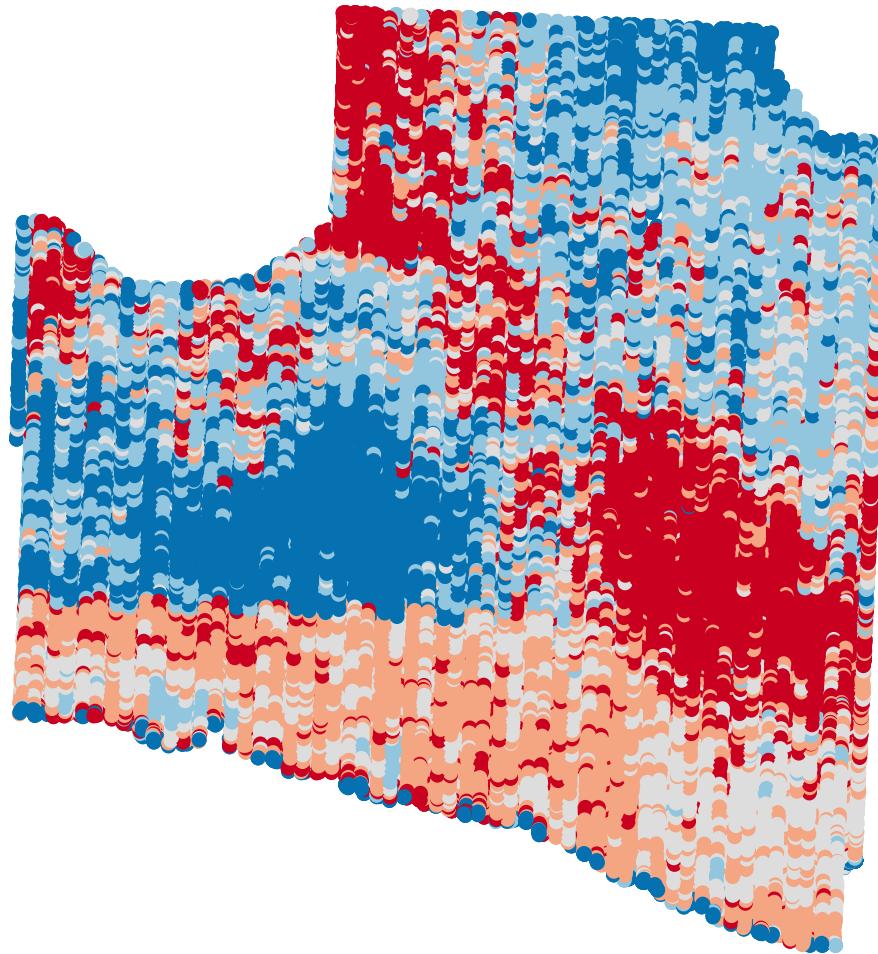
Client	Orchard	Block	Crop	Stage	Scan Date
WA Fruit	Grandview	SmartOrchard	Honeycrisp	preharvest	8/16/2021

Mean	Target	CV	Acres
70.96 [mm]	xyz [mm]	13 [%]	15.72



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SmartOrchard : Height



Height [m]

- 2.0-3.56
- 3.57-3.98
- 3.99-4.15
- 4.16-4.34
- >4.355

Client	Orchard	Block	Crop	Stage	Scan Date
WA Fruit	Grandview	SmartOrchard	Honeycrisp	preharvest	8/16/2021

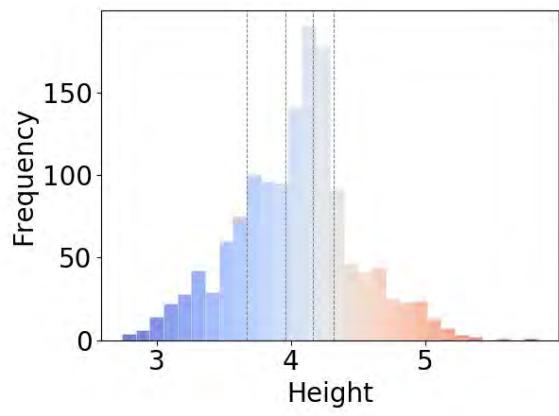
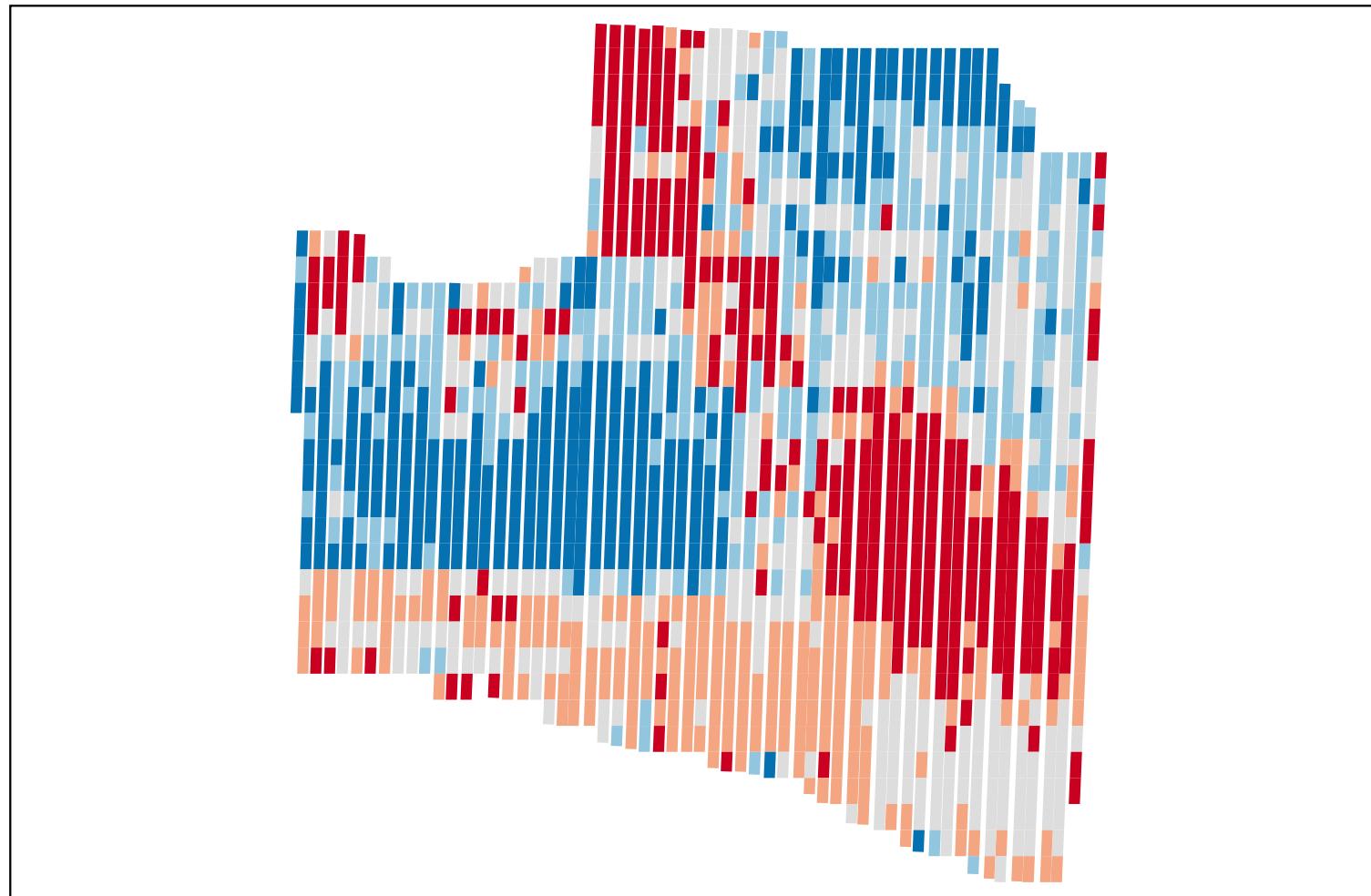
Mean	Target	CV	Acres
4.01 [m]	xyz [m]	12 [%]	15.72



0 25 50 75 100 125 m

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SmartOrchard : Height



Height [m/30 ft]

- 2.74-3.67
- 3.68-3.96
- 3.97-4.16
- 4.17-4.32
- >4.33



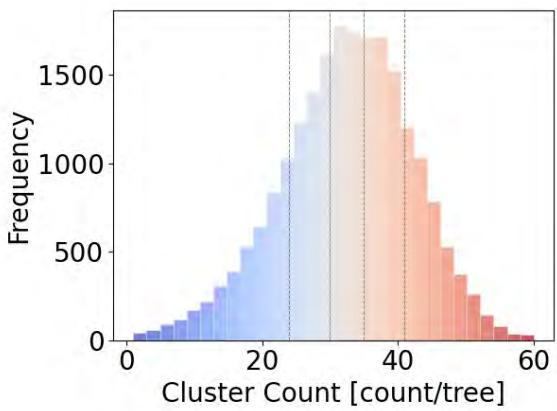
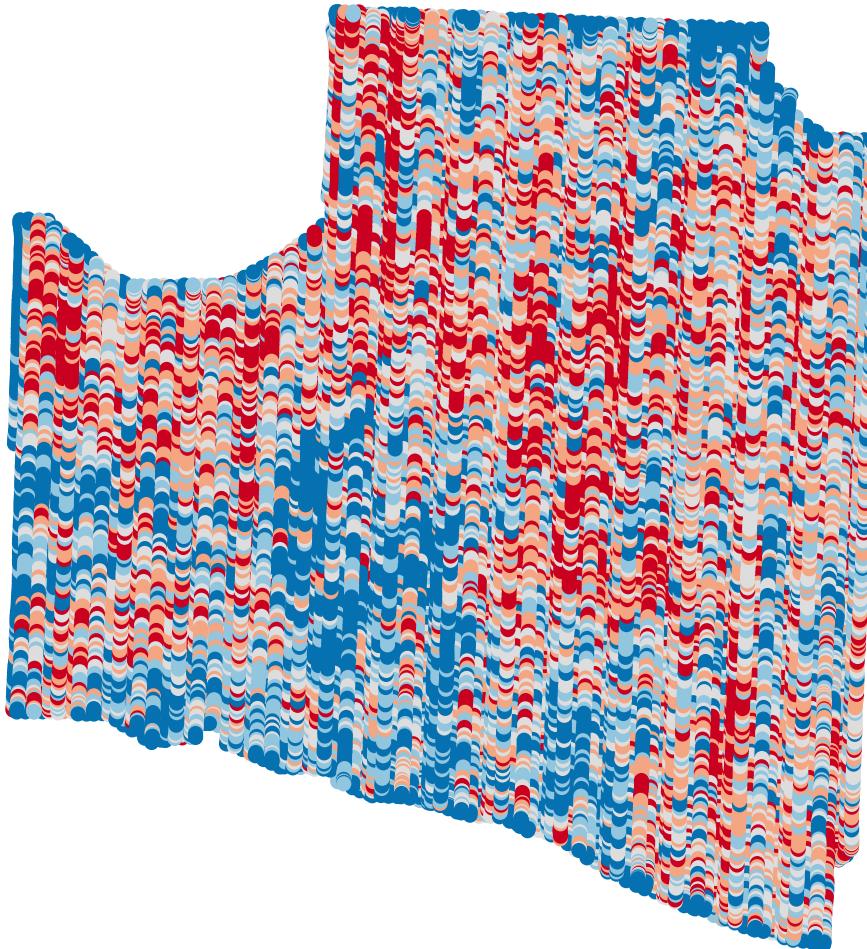
0 25 50 75 100 m

Client	Orchard	Block	Crop	Stage	Scan Date
WA Fruit	Grandview	SmartOrchard	Honeycrisp	preharvest	8/16/2021

Mean	Target	CV	Acres
4.03 [m/30 ft]	xyz [m/30 ft]	11 [%]	15.72

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SmartOrchard : Cluster Count

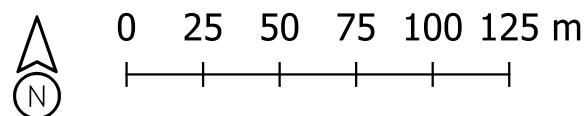


Cluster Count [count/tree]

- 1.0-24.0
- 24.01-30.0
- 30.01-35.0
- 35.01-41.0
- >41.01

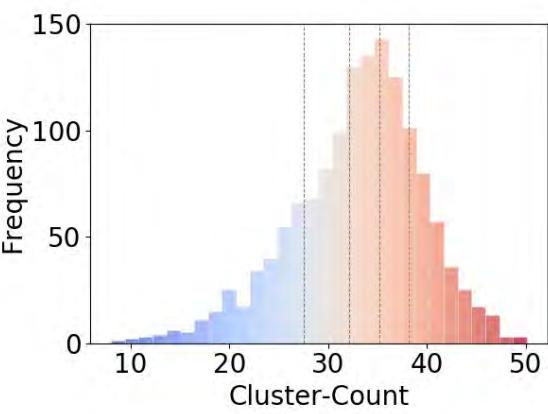
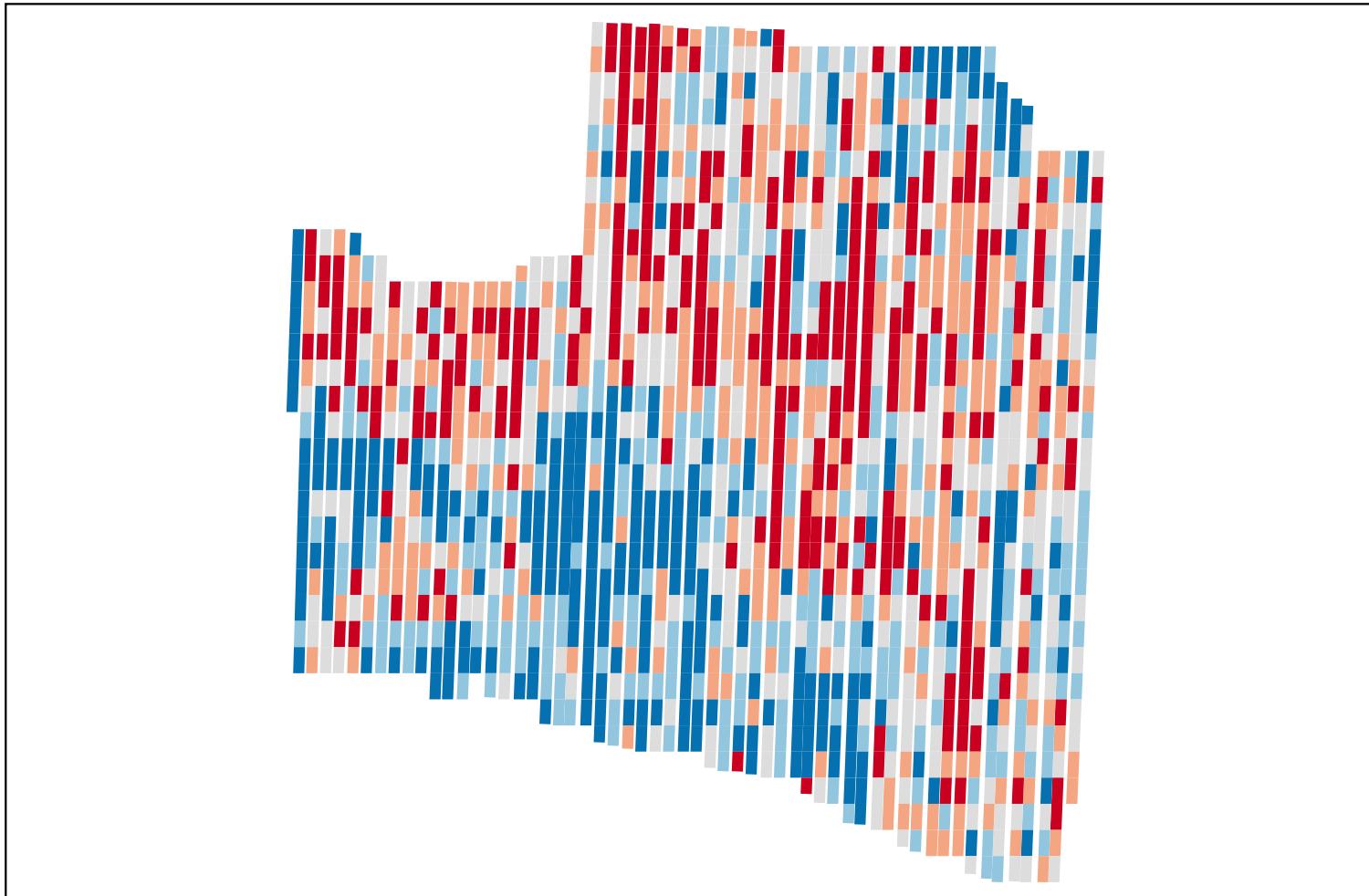
Client	Orchard	Block	Crop	Stage	Scan Date
WA Fruit	Grandview	SmartOrchard	Honeycrisp	preharvest	8/16/2021

Mean	Target	CV	Acres
32.42 [count/tree]	xyz [count/tree]	30 [%]	15.72



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SmartOrchard : Cluster-Count



Client

Orchard

Block

Crop

Stage

Scan Date

WA Fruit

Grandview

SmartOrchard

Honeycrisp

preharvest

8/16/2021

Mean

Target

CV

Acres

32.92 [count/30 ft]

xyz [count/30 ft]

19 [%]

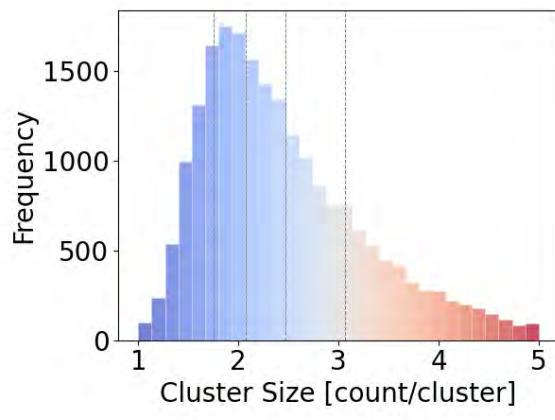
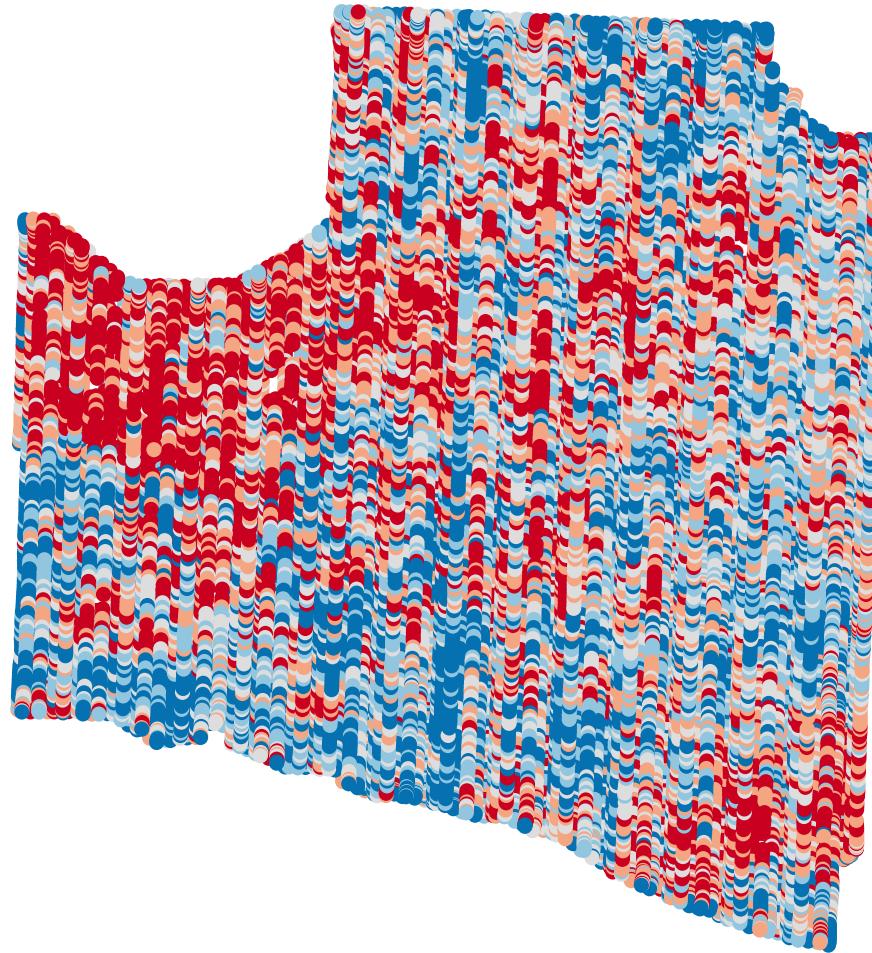
15.72



0 25 50 75 100 m

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SmartOrchard : Cluster Size



Cluster Size [count/cluster]

- 1.0-1.75
- 1.76-2.08
- 2.09-2.47
- 2.48-3.07
- >3.077

Client	Orchard	Block	Crop	Stage	Scan Date
WA Fruit	Grandview	SmartOrchard	Honeycrisp	preharvest	8/16/2021

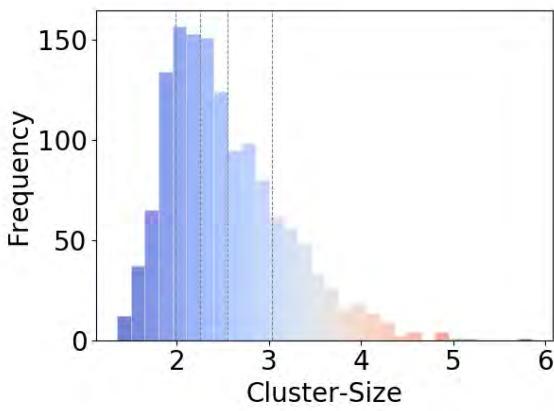
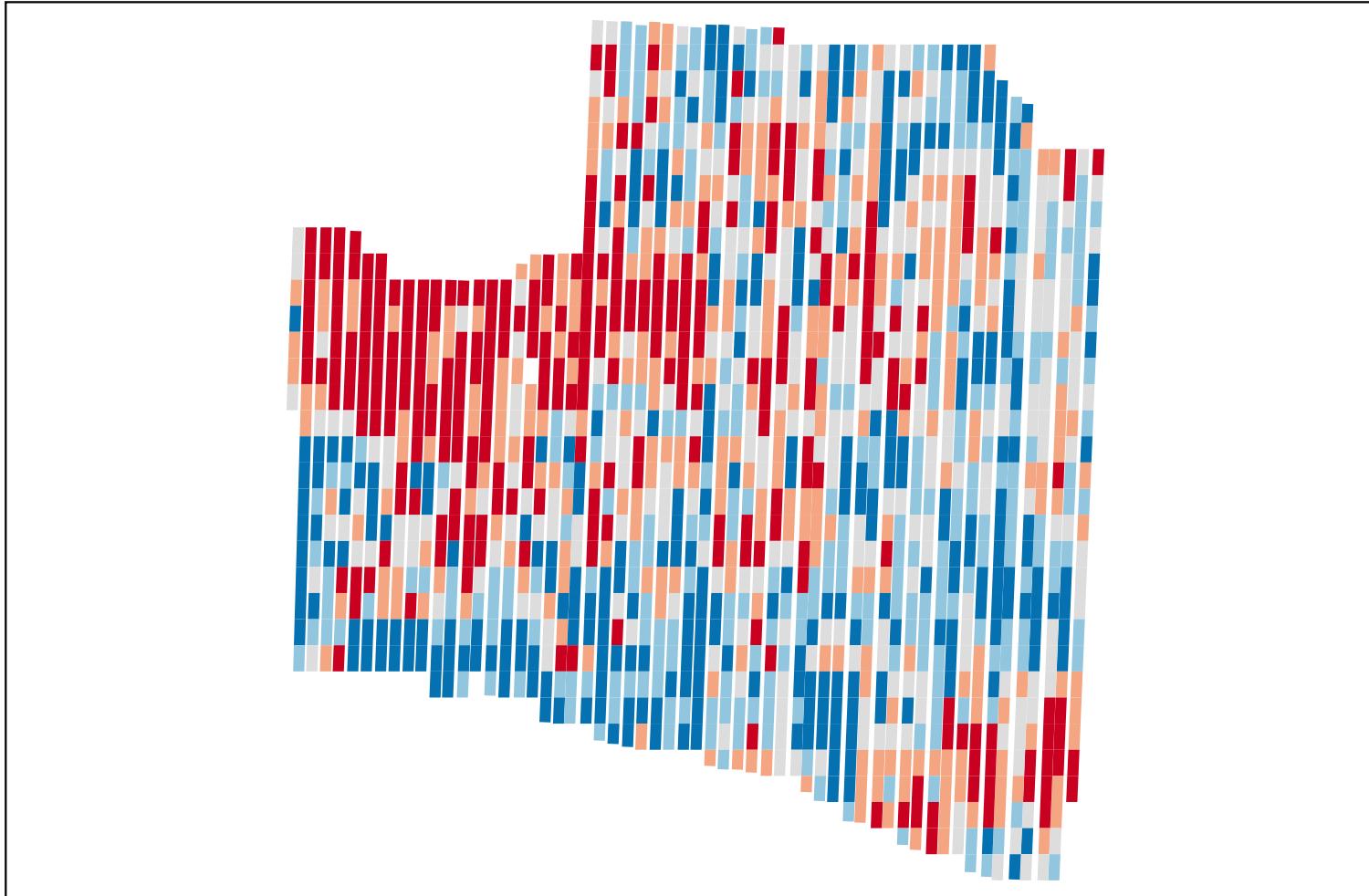
Mean	Target	CV	Acres
2.43 [count/cluster]	xyz [count/cluster]	32 [%]	15.72



0 25 50 75 100 125 m

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SmartOrchard : Cluster-Size



Cluster-Size [count/30 ft]

1.35-1.99

2.0-2.25

2.26-2.55

2.56-3.03

>3.04

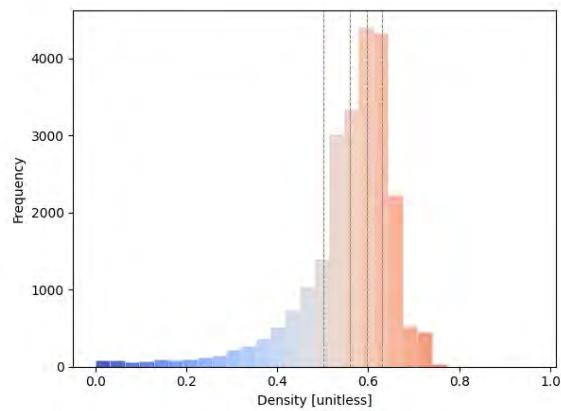
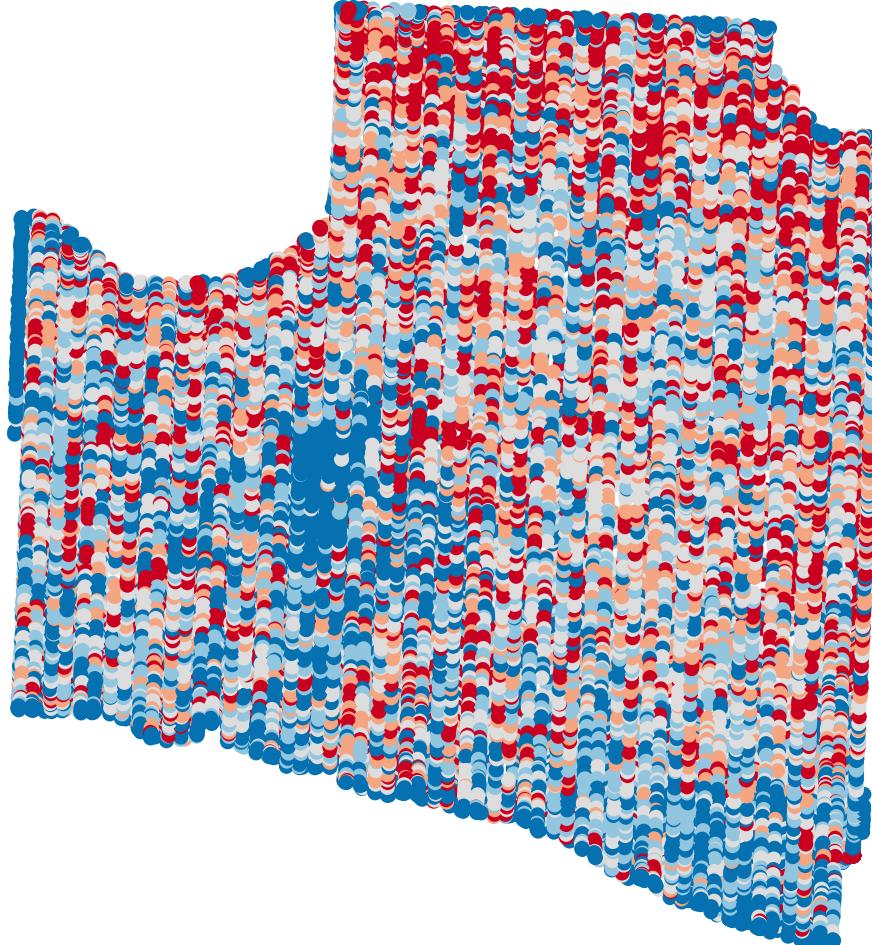
Client	Orchard	Block	Crop	Stage	Scan Date
WA Fruit	Grandview	SmartOrchard	Honeycrisp	preharvest	8/16/2021

Mean	Target	CV	Acres
2.52 [count/30 ft]	xyz [count/30 ft]	25 [%]	15.72



0 25 50 75 100 m

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Density [unitless]

- -0.0-0.5
- 0.51-0.56
- 0.57-0.6
- 0.61-0.63
- >0.641



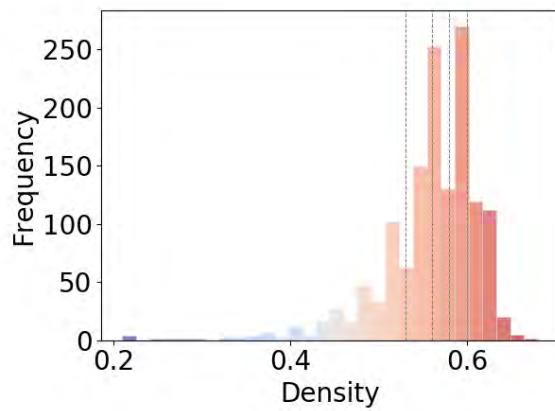
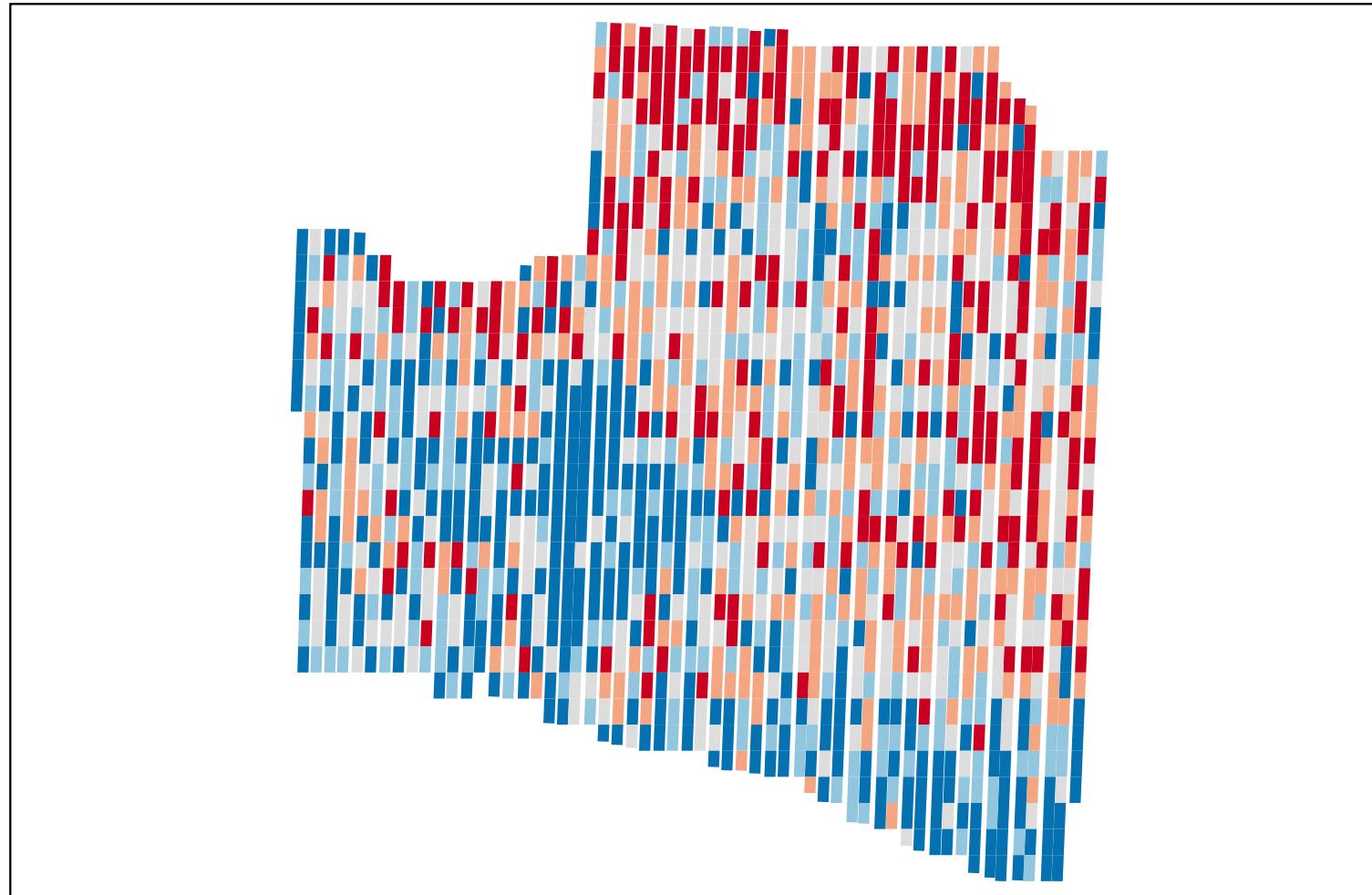
0 25 50 75 100 125 m

Client	Orchard	Block	Crop	Stage	Scan Date
WA Fruit	Grandview	SmartOrchard	Honeycrisp	preharvest	8/16/2021

Mean	Target	CV	Acres
0.55 [unitless]	xyz [unitless]	19 [%]	15.72

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SmartOrchard : Density

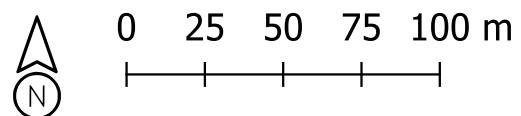


Density [unitless]

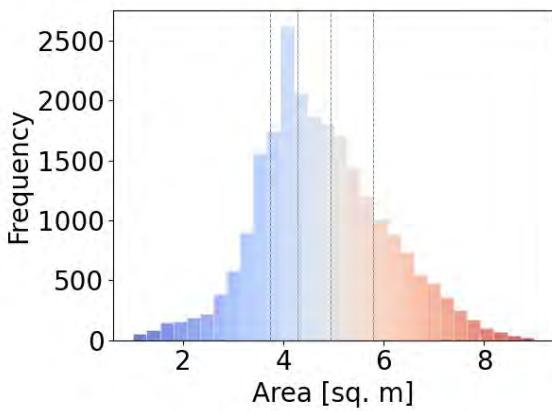
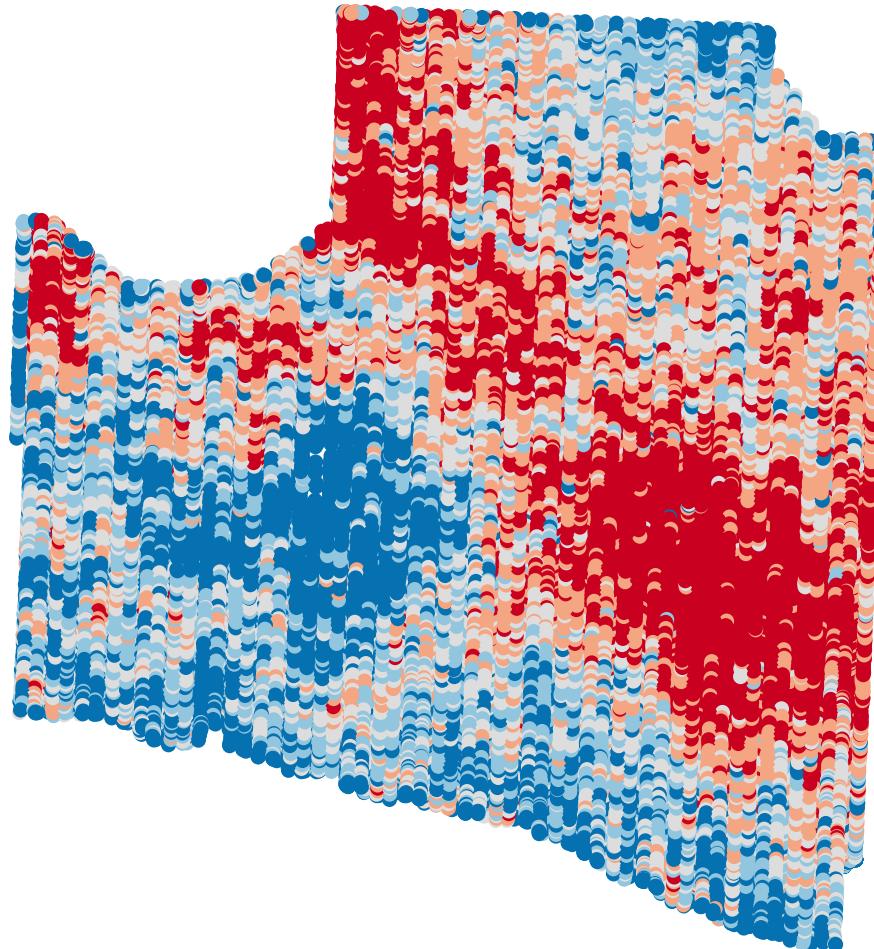
- 0.21-0.53
- 0.54-0.56
- 0.57-0.58
- 0.59-0.6
- >0.61

Client	Orchard	Block	Crop	Stage	Scan Date
WA Fruit	Grandview	SmartOrchard	Honeycrisp	preharvest	8/16/2021

Mean	Target	CV	Acres
0.56 [unitless]	xyz [unitless]	10 [%]	15.72



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Area [sq. m]

- 1.01-3.73
- 3.74-4.29
- 4.3-4.95
- 4.96-5.79
- >5.797

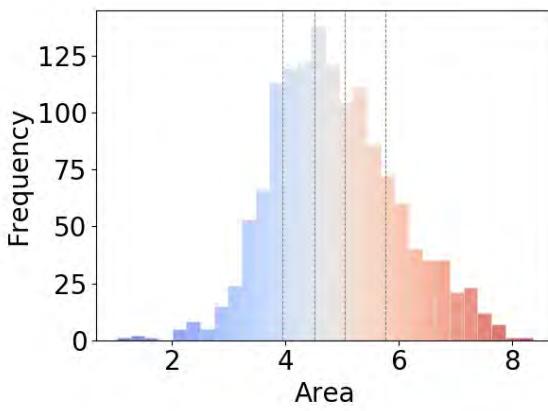
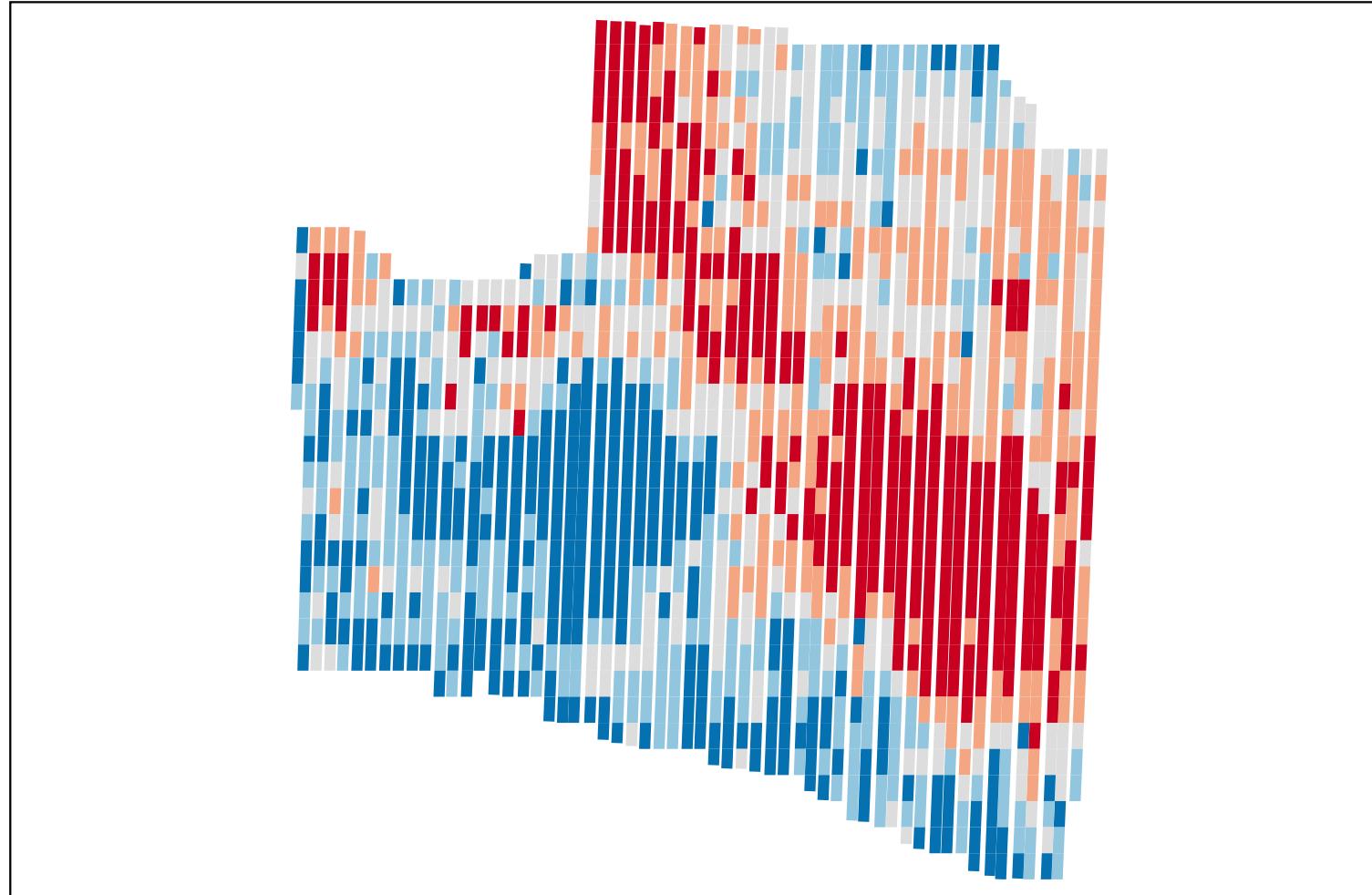
Client	Orchard	Block	Crop	Stage	Scan Date
WA Fruit	Grandview	SmartOrchard	Honeycrisp	preharvest	8/16/2021

Mean	Target	CV	Acres
4.74 [sq. m]	xyz [sq. m]	26 [%]	15.72



0 25 50 75 100 125 m

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Area [sq. m]

- 1.03-3.94
- 3.95-4.51
- 4.52-5.05
- 5.06-5.76
- >5.77

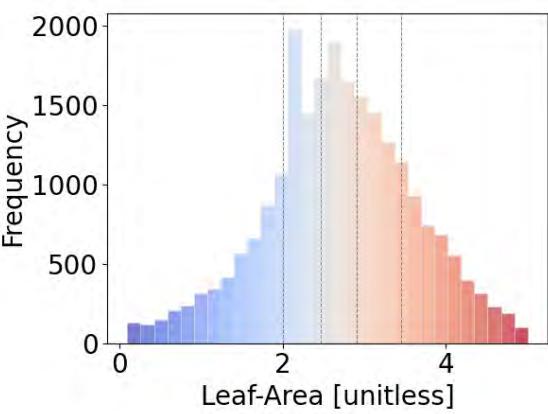
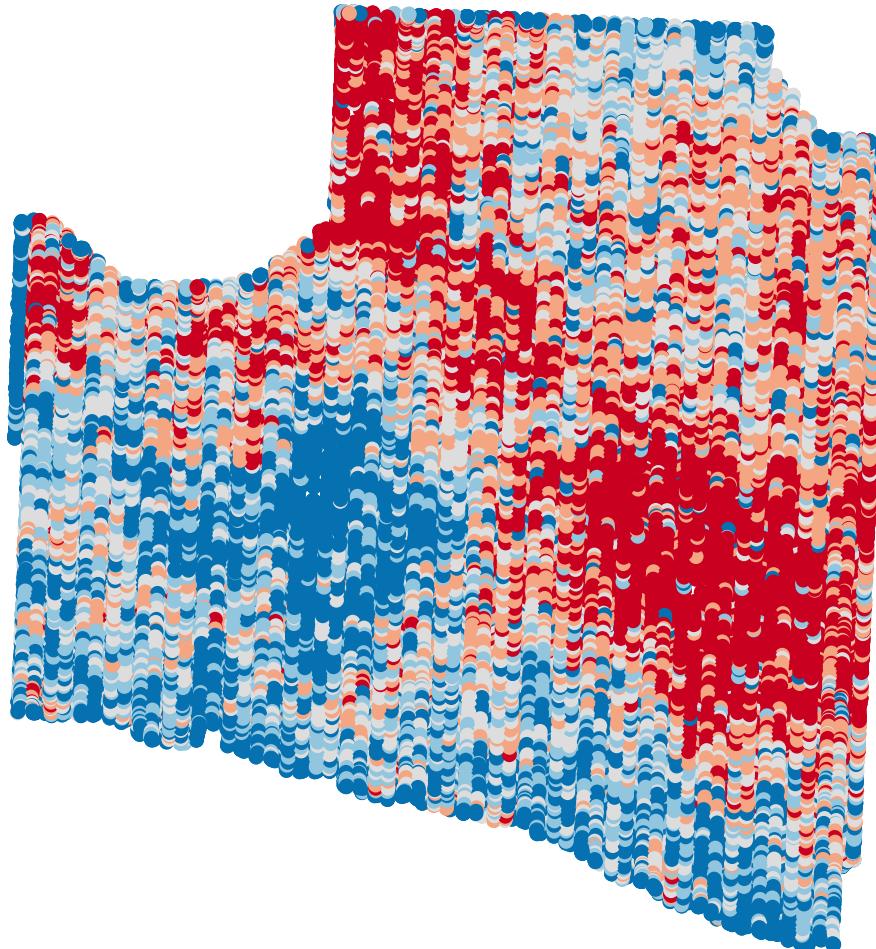


0 25 50 75 100 m

Client	Orchard	Block	Crop	Stage	Scan Date
WA Fruit	Grandview	SmartOrchard	Honeycrisp	preharvest	8/16/2021

Mean	Target	CV	Acres
4.86 [sq. m]	xyz [sq. m]	22 [%]	15.72

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Leaf-Area [unitless]

- 0.1-2.0
- 2.01-2.47
- 2.48-2.9
- 2.91-3.45
- >3.462

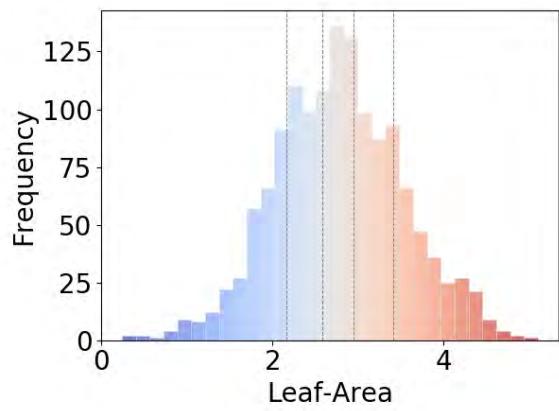
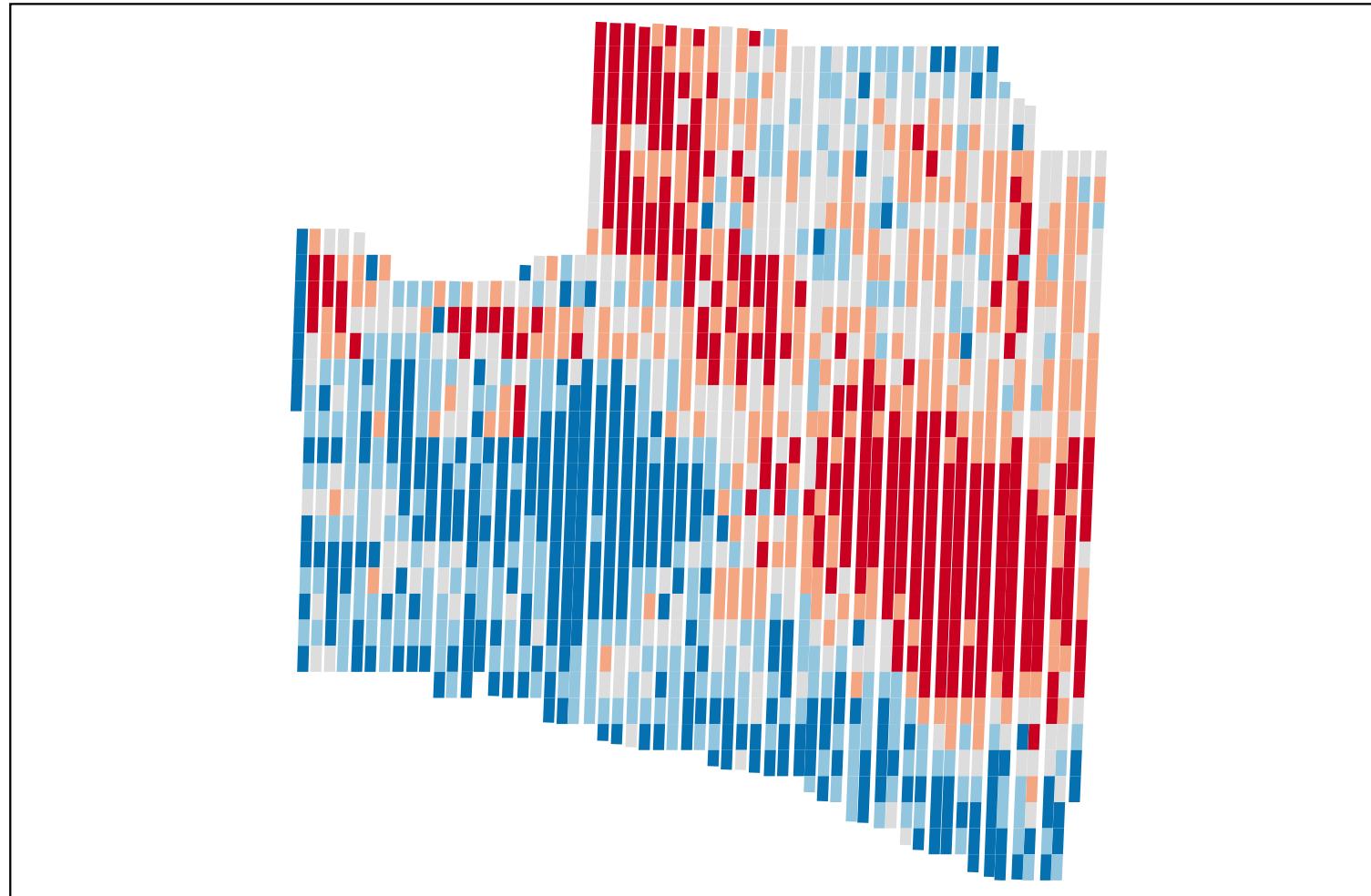
Client	Orchard	Block	Crop	Stage	Scan Date
WA Fruit	Grandview	SmartOrchard	Honeycrisp	preharvest	8/16/2021

Mean	Target	CV	Acres
2.69 [unitless]	xyz [unitless]	33 [%]	15.72



0 25 50 75 100 125 m

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Leaf-Area [unitless]

0.24-2.16

2.17-2.58

2.59-2.94

2.95-3.41

>3.42

Client	Orchard	Block	Crop	Stage	Scan Date
WA Fruit	Grandview	SmartOrchard	Honeycrisp	preharvest	8/16/2021

Mean	Target	CV	Acres
2.78 [unitless]	xyz [unitless]	26 [%]	15.72



0 25 50 75 100 m

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