

Sustainability

Ag Tech

Data

Innovation



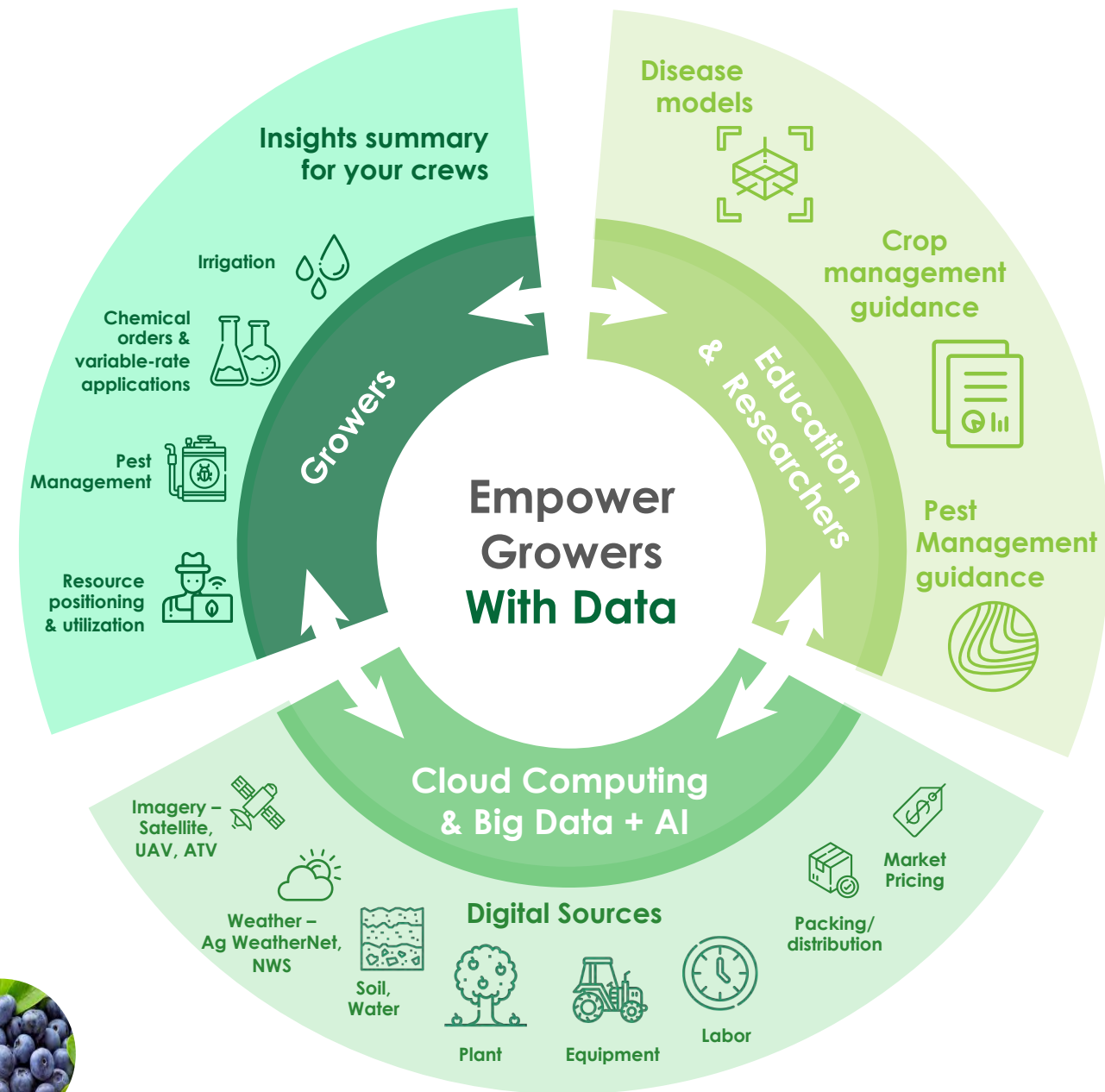
innov8.ag
EMPOWERING GROWERS WITH DATA

WA Fruit Smart Orchard
Grandview Green Atlas Data



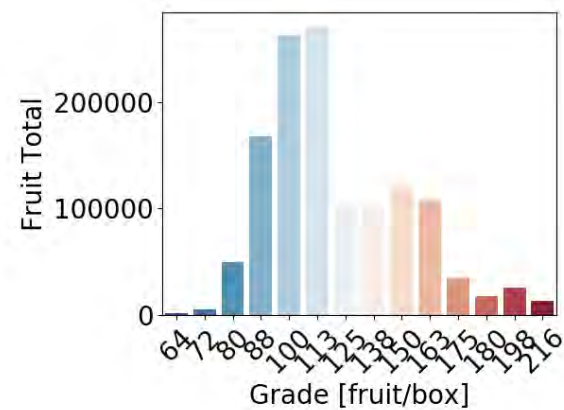
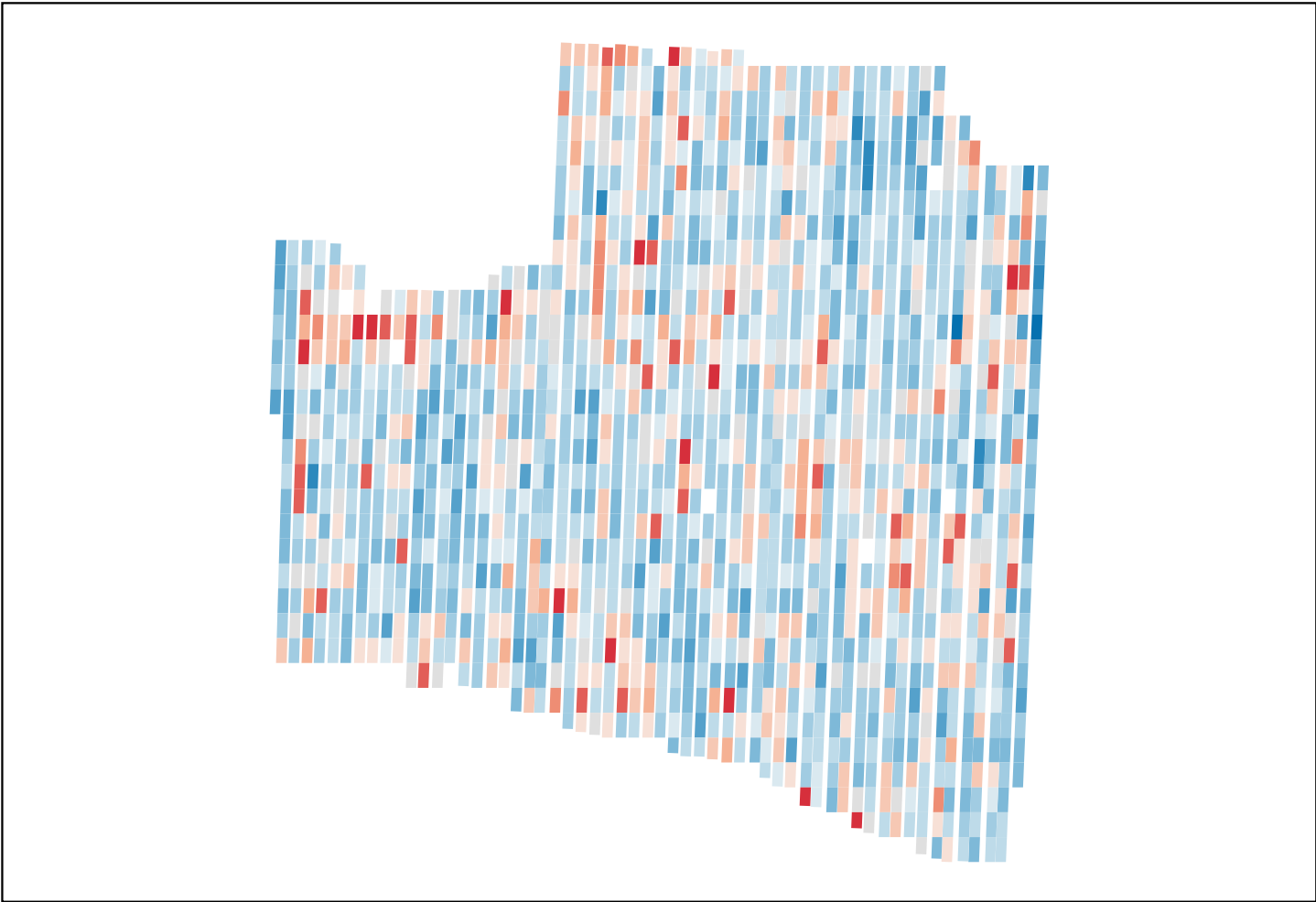
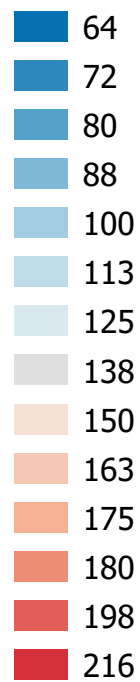
What's Inside

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



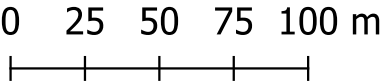
SmartOrchard : Fruit/Box by Size

Grade [Fruit/box]



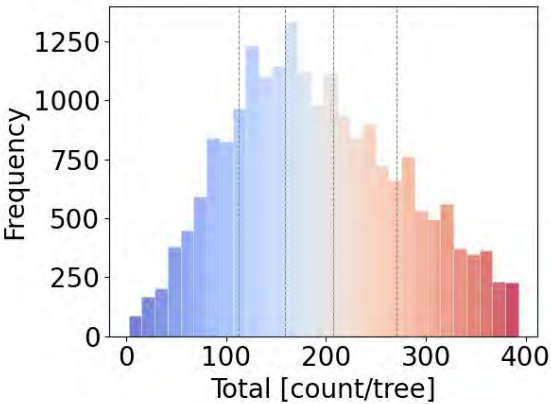
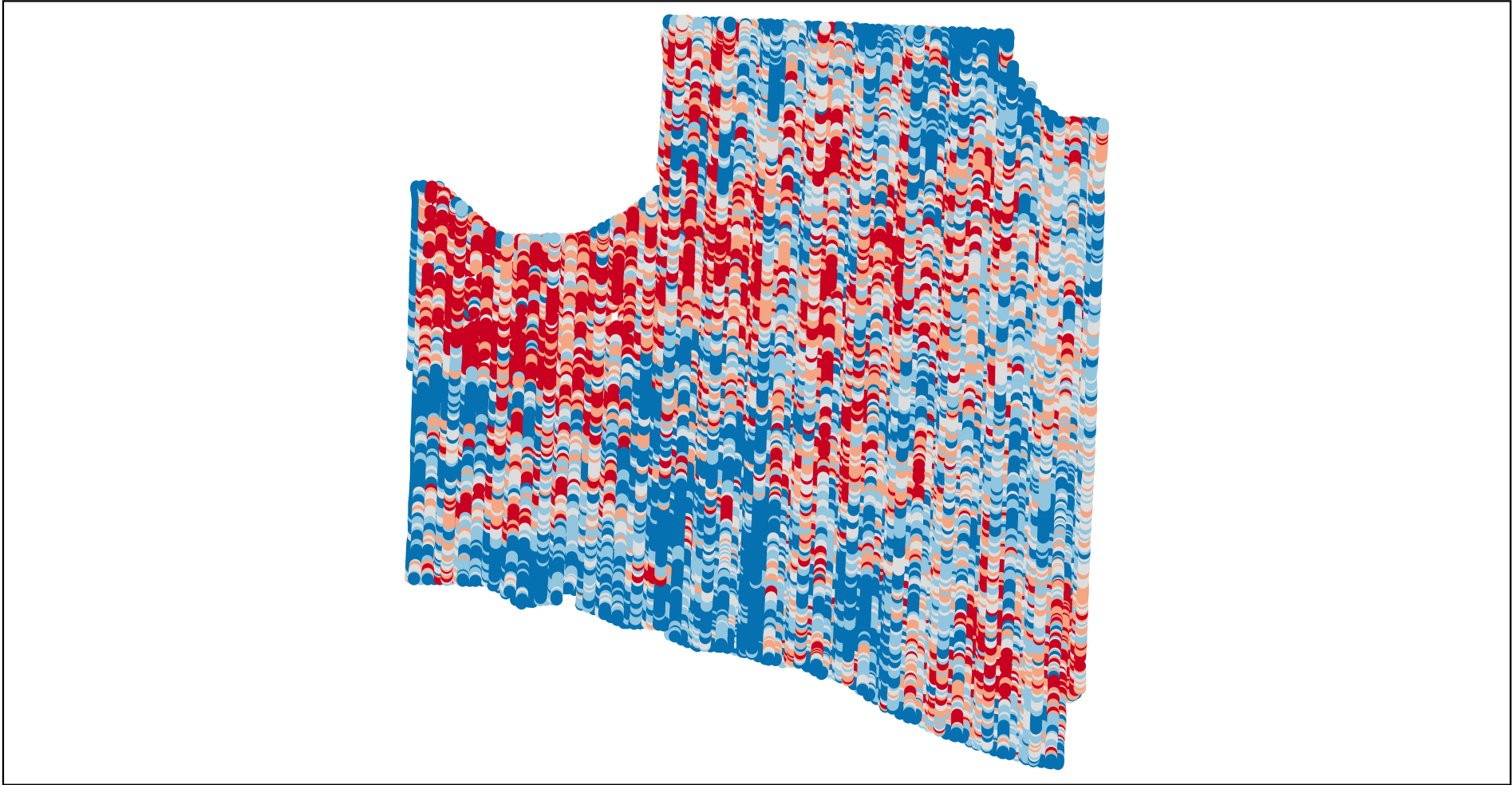
Client	Orchard	Block	Crop	Stage	Scan Date
WA Fruit	Grandview	SmartOrchard	Honeycrisp	preharvest	8/16/2021

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



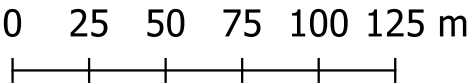
*This document is designed to provide you a “snapshot” of your field at a glance. Legend descriptions are not recommendations.

SmartOrchard : Total



Total [count/tree]

- 2-112
- 112-158
- 158-207
- 207-270
- >270

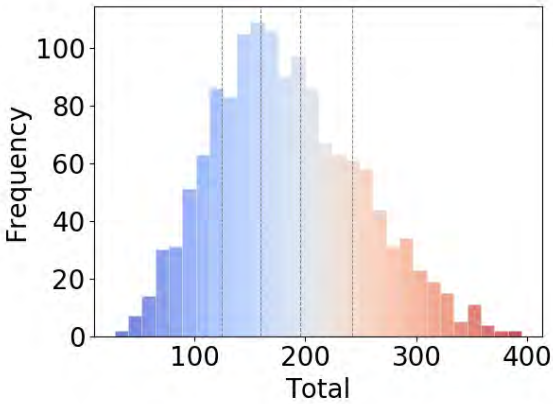
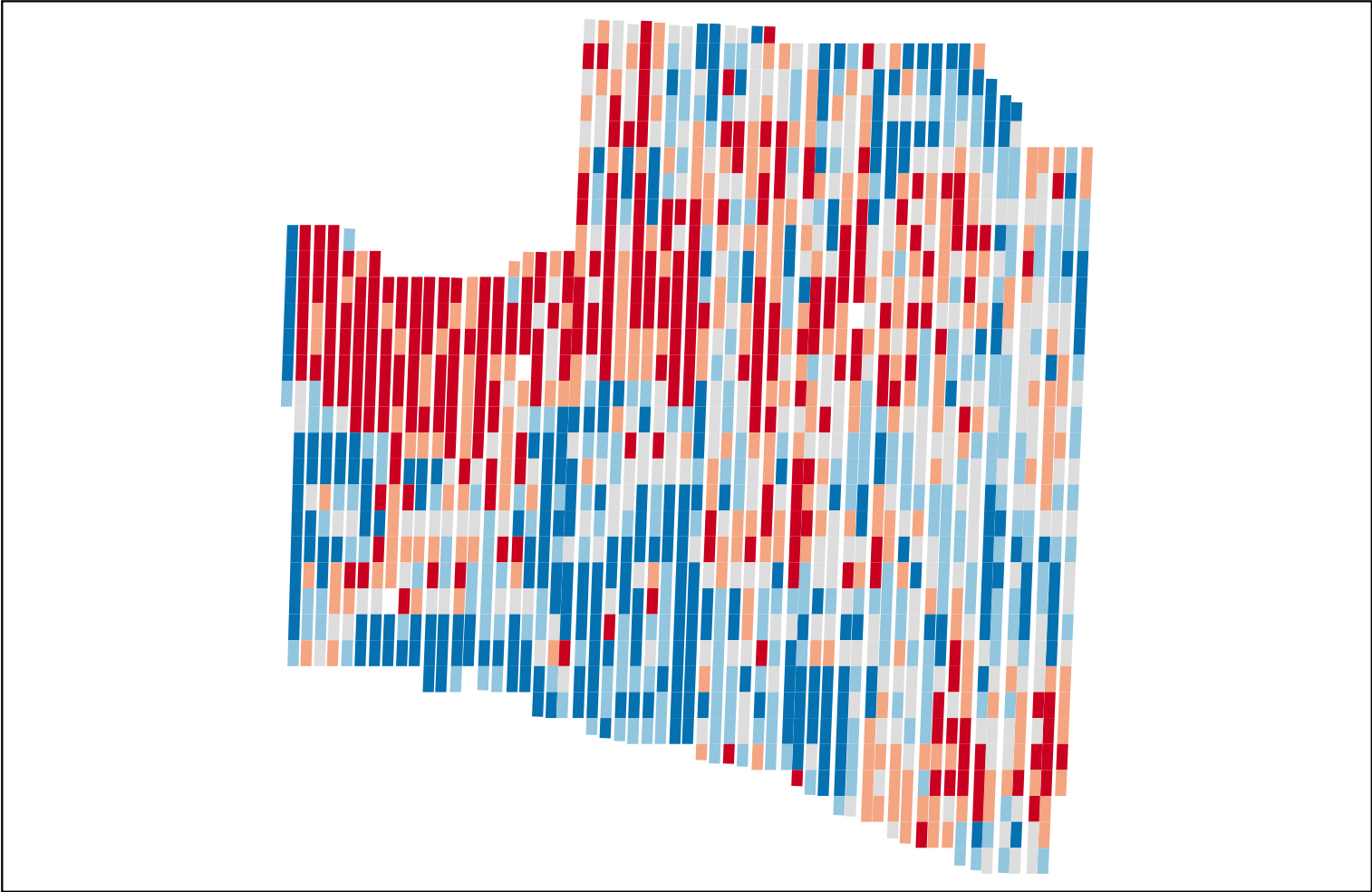


Client	Orchard	Block	Crop	Stage	Scan Date
WA Fruit	Grandview	SmartOrchard	Honeycrisp	preharvest	8/16/2021

Mean	Target	Block total	CV	Acres
190 [count/tree]	xyz [count/tree]	1359764	45 [%]	15.72

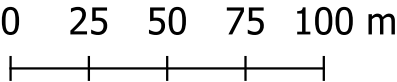
*This document is designed to provide you a “snapshot” of your field at a glance. Legend descriptions are not recommendations.

SmartOrchard : Total



Total [count/30 ft]

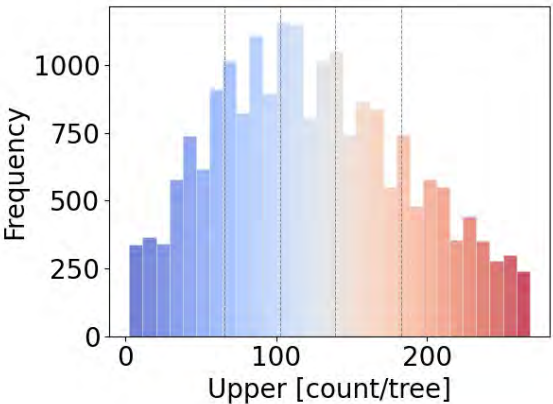
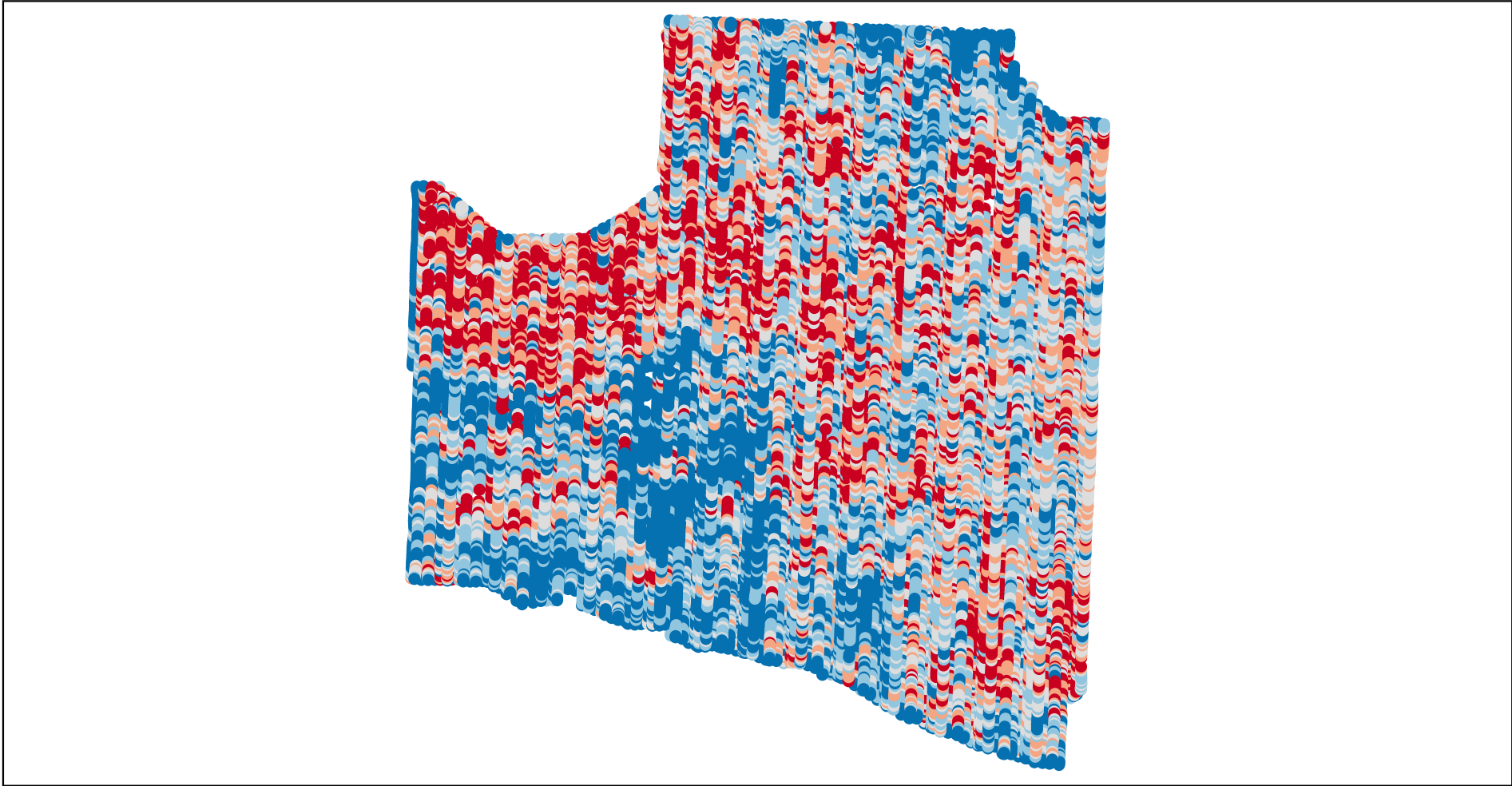
- 28-124
- 124-159
- 159-195
- 195-242
- >242



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

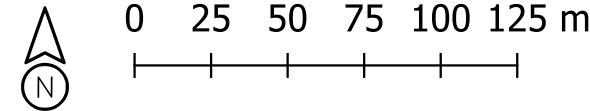
Mean	Target	CV	Acres
183 [count/30 ft]	xyz [count/30 ft]	35 [%]	15.72

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Upper [count/tree]

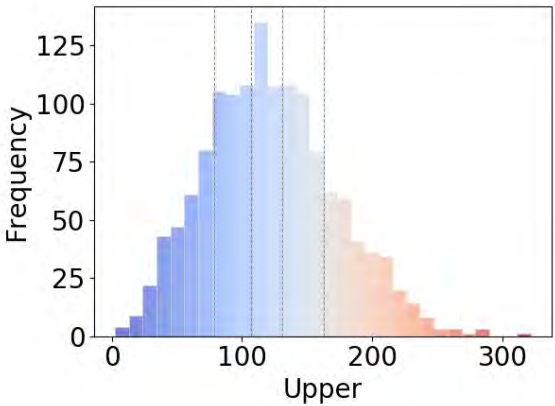
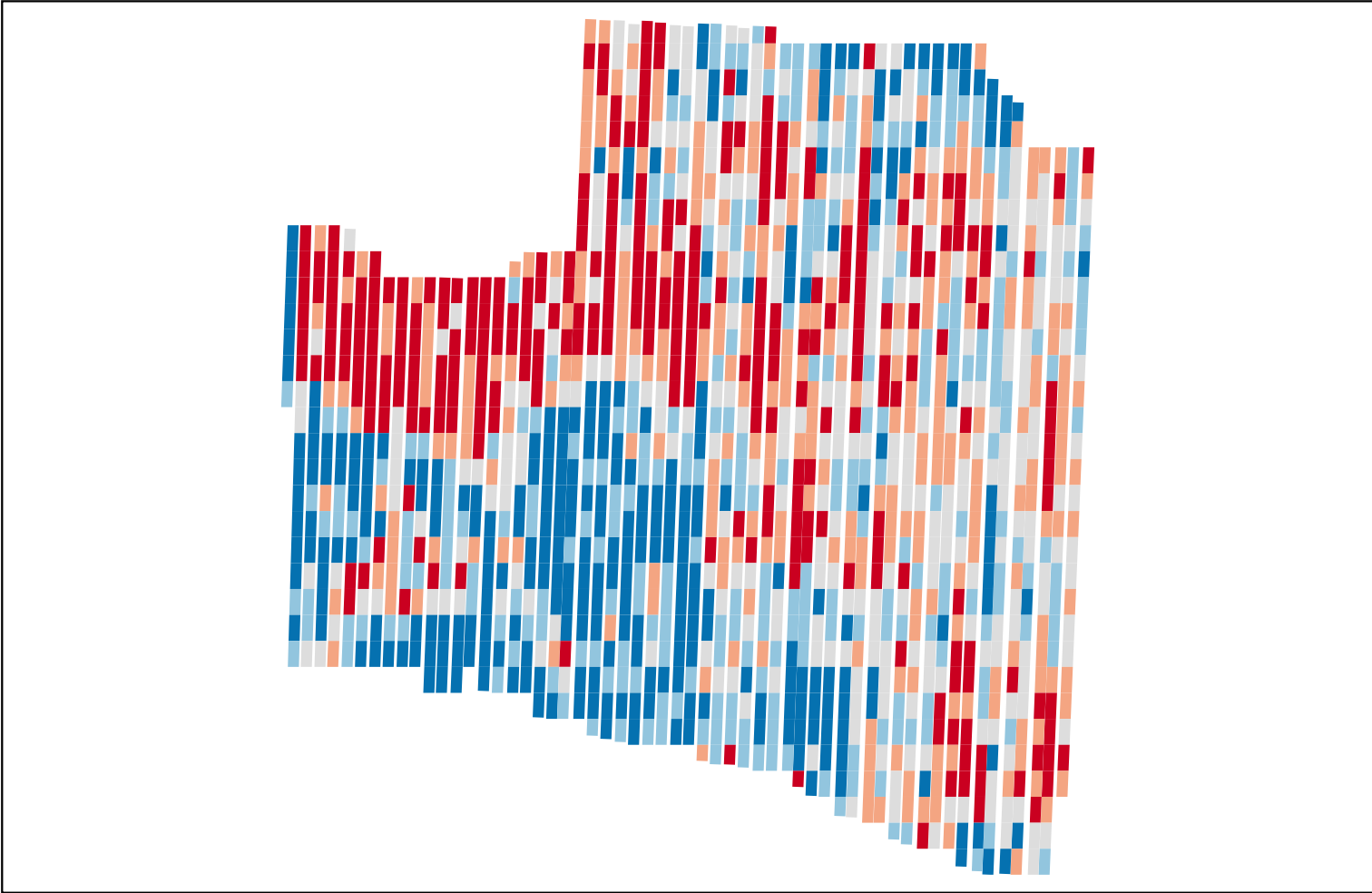
- 2-65
- 65-102
- 102-138
- 138-182
- >182



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

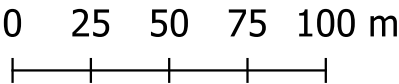
Mean	Target	CV	Acres
124 [count/tree]	xyz [count/tree]	50 [%]	15.72

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Upper [count/30 ft]

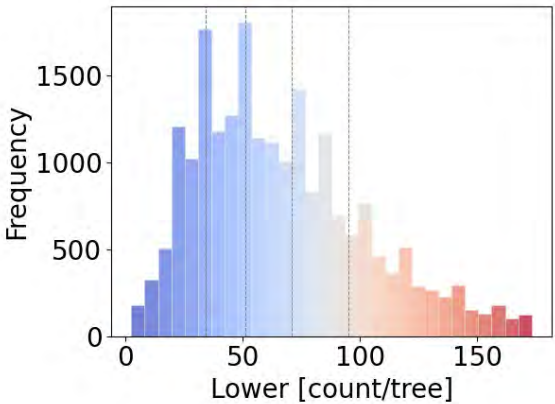
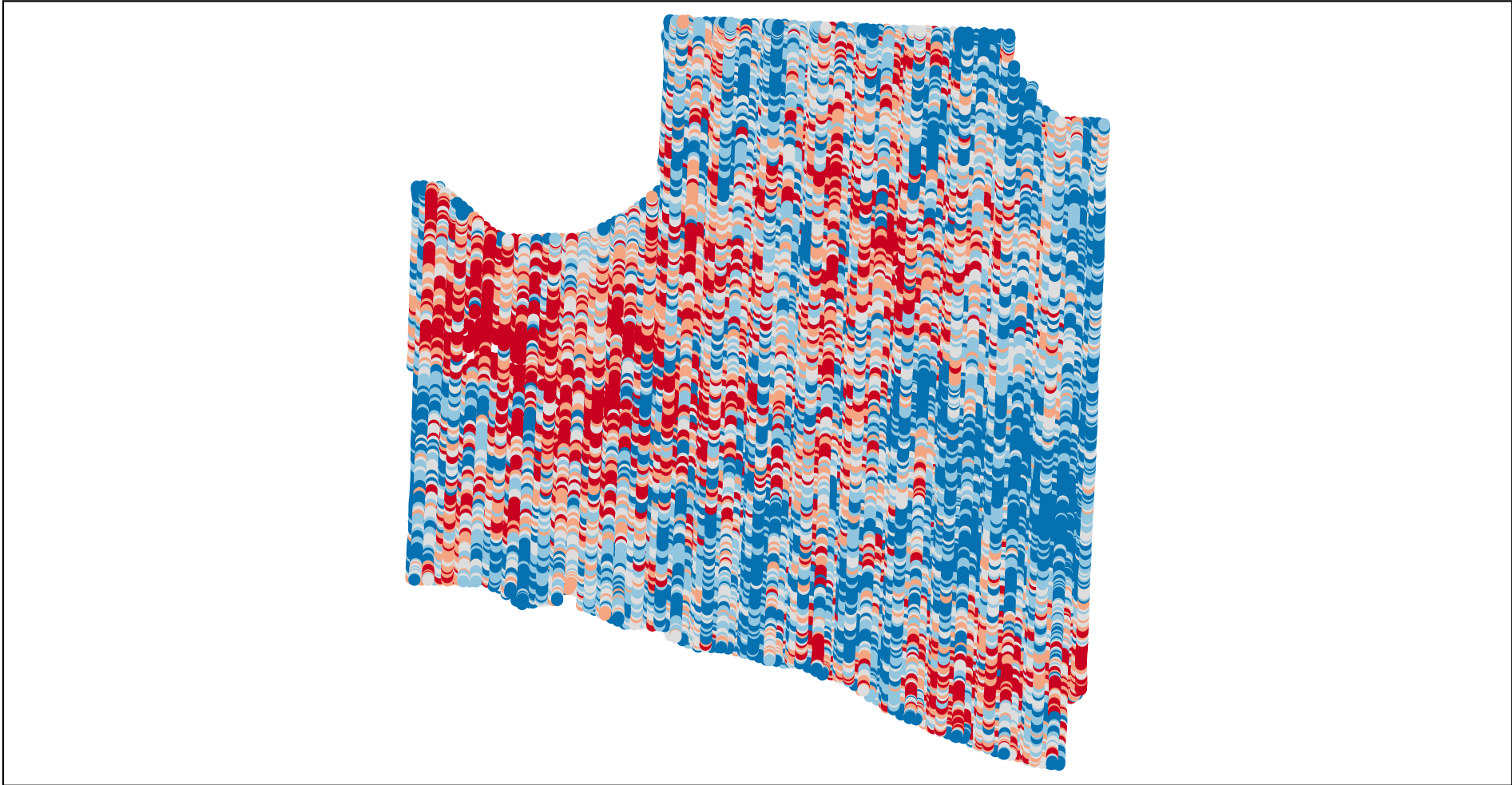
- 2-78
- 78-106
- 106-131
- 131-162
- >162



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

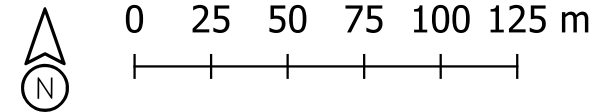
Mean	Target	CV	Acres
121 [count/30 ft]	xyz [count/30 ft]	40 [%]	15.72

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Lower [count/tree]

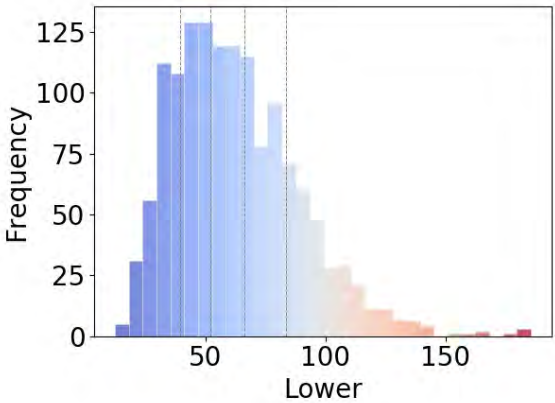
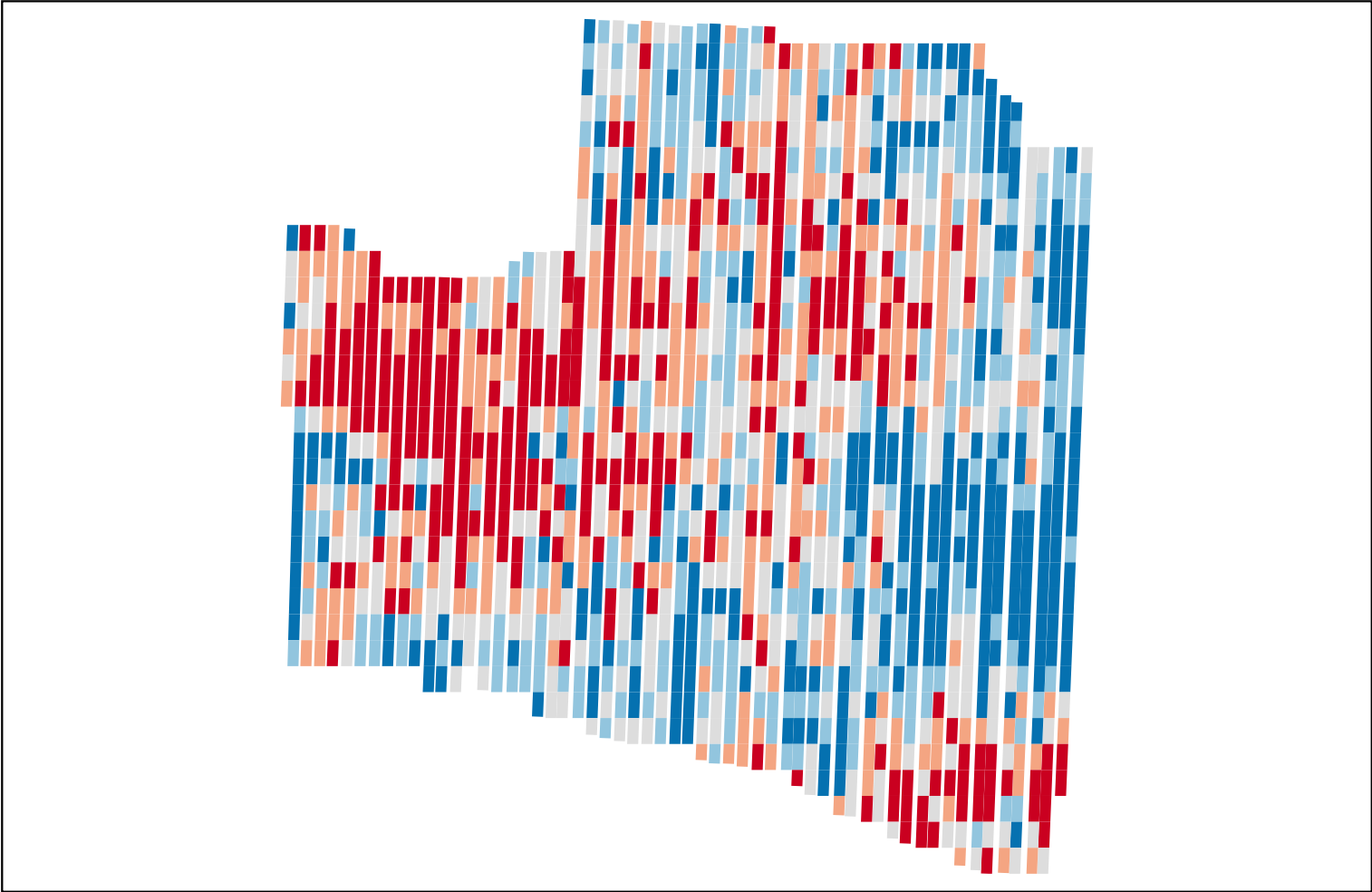
- 2-34
- 34-51
- 51-70
- 70-95
- >95



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

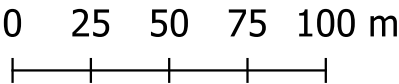
Mean	Target	CV	Acres
66 [count/tree]	xyz [count/tree]	53 [%]	15.72

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Lower [count/30 ft]

- 12-39
- 39-52
- 52-66
- 66-83
- >83

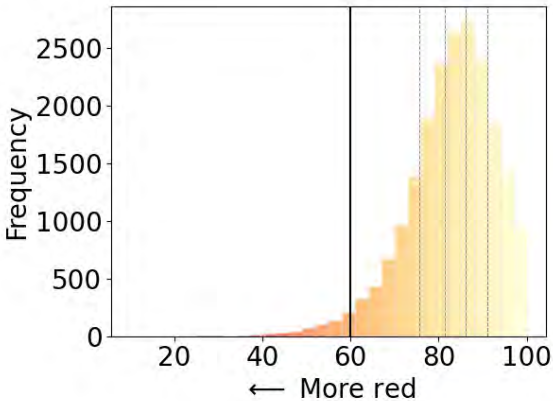
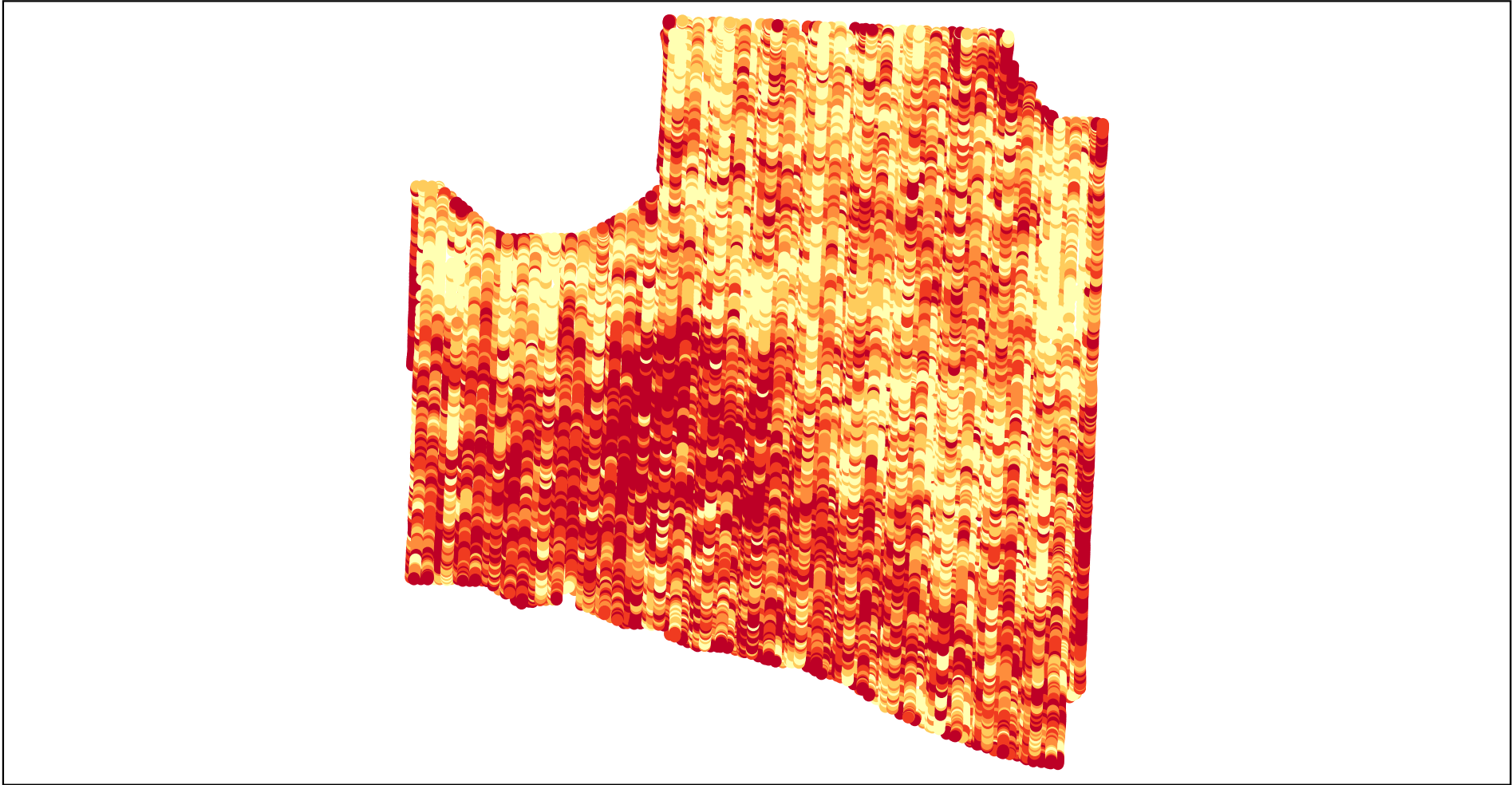


Client	Orchard	Block	Crop	Stage	Scan Date
WA Fruit	Grandview	SmartOrchard	Honeycrisp	preharvest	8/16/2021

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

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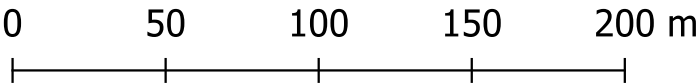
SmartOrchard : Hue - Red



- Hue [degrees]
- 10.19-75.56
 - 75.57-81.52
 - 81.53-86.2
 - 86.21-91.14
 - >91.145

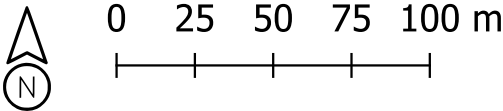
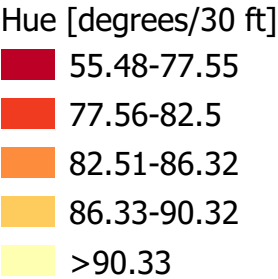
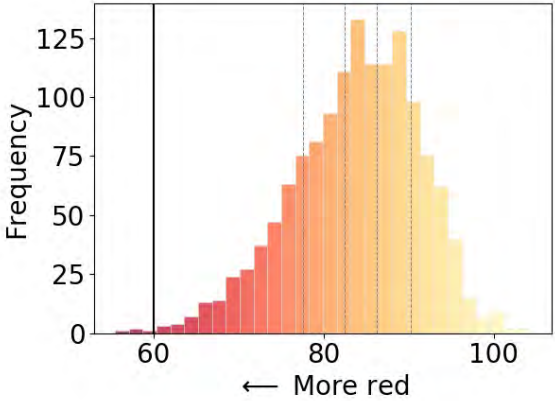
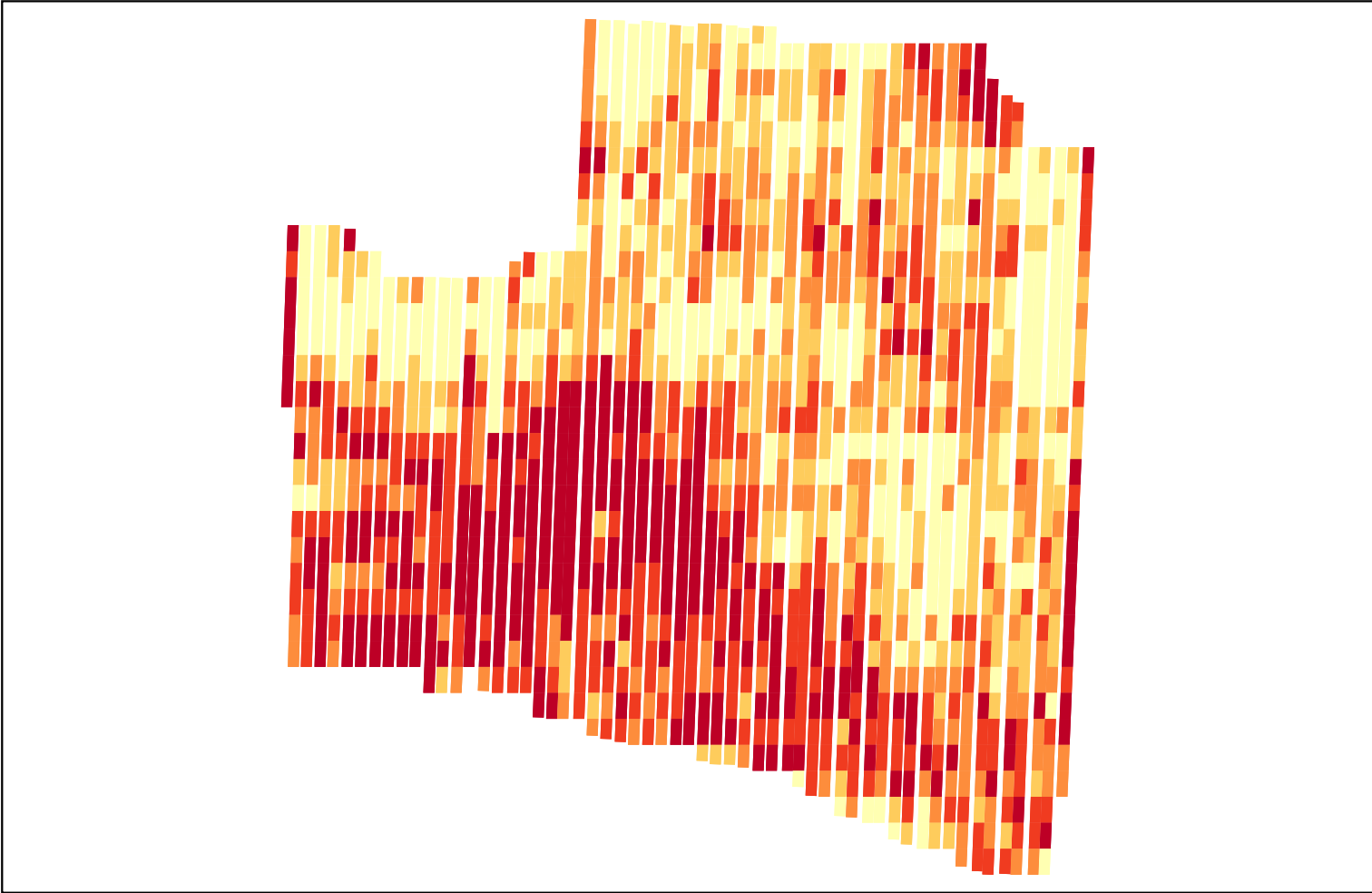
Client	Orchard	Block	Crop	Stage	Scan Date
WA Fruit	Grandview	SmartOrchard	Honeycrisp	preharvest	8/16/2021

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



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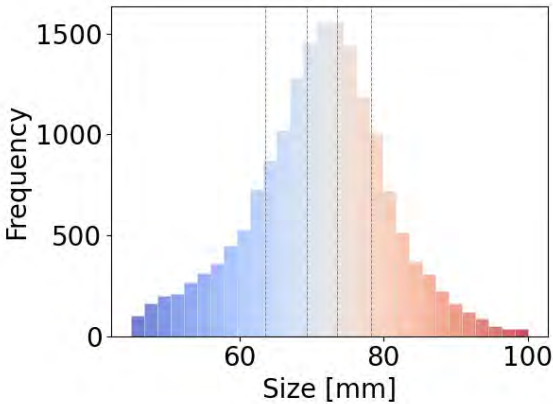
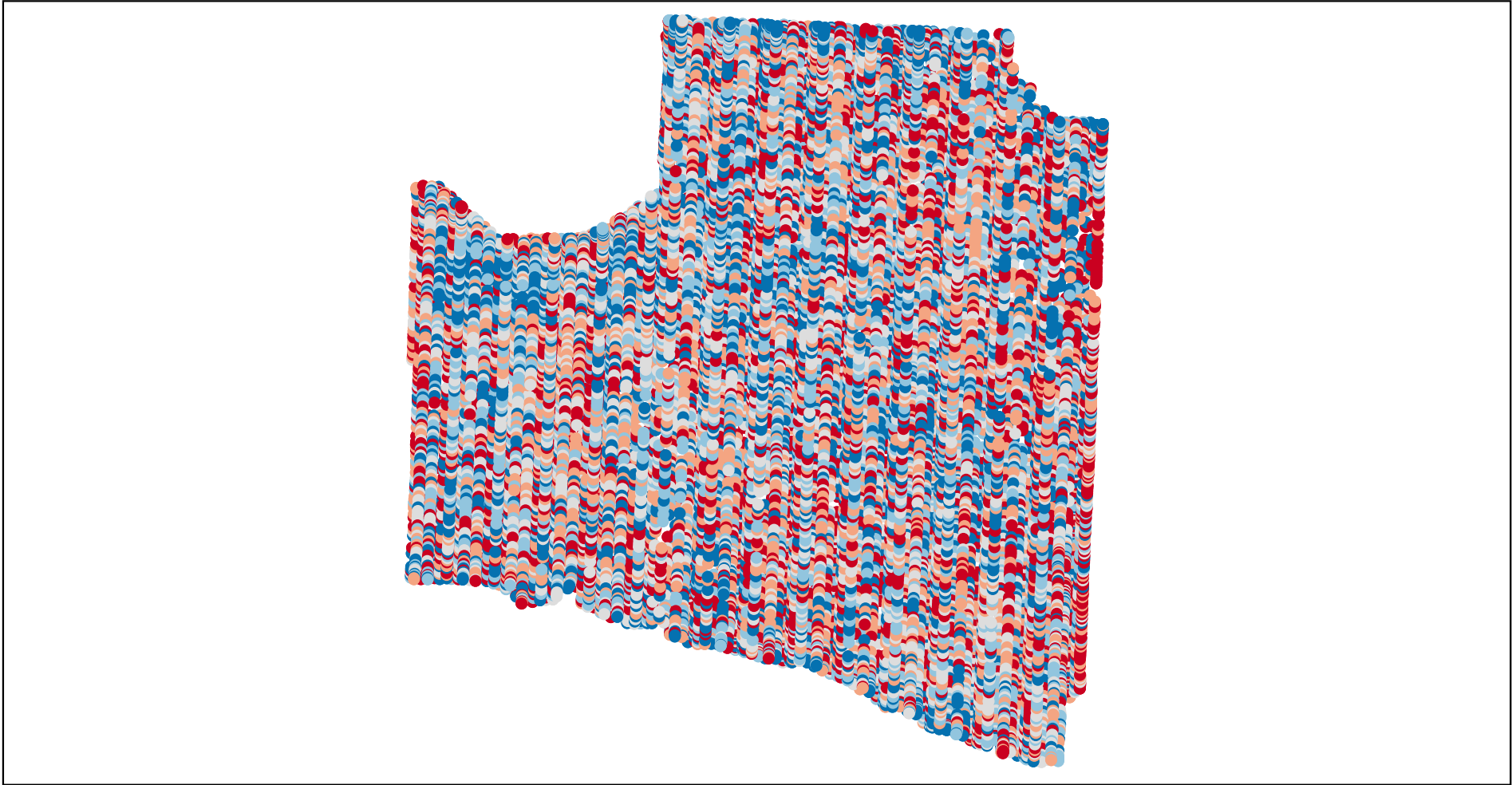
Grandview : Hue - Red



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

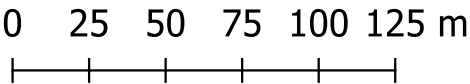
*This document is designed to provide you a “snapshot” of your field at a glance. Legend descriptions are not recommendations.



- Size [mm]
- 45.0-63.63
 - 63.64-69.39
 - 69.4-73.53
 - 73.54-78.25
 - >78.255

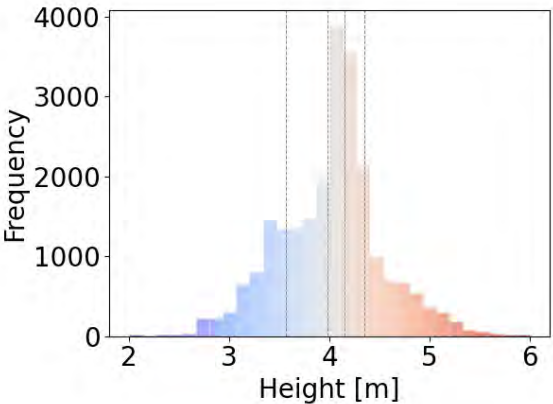
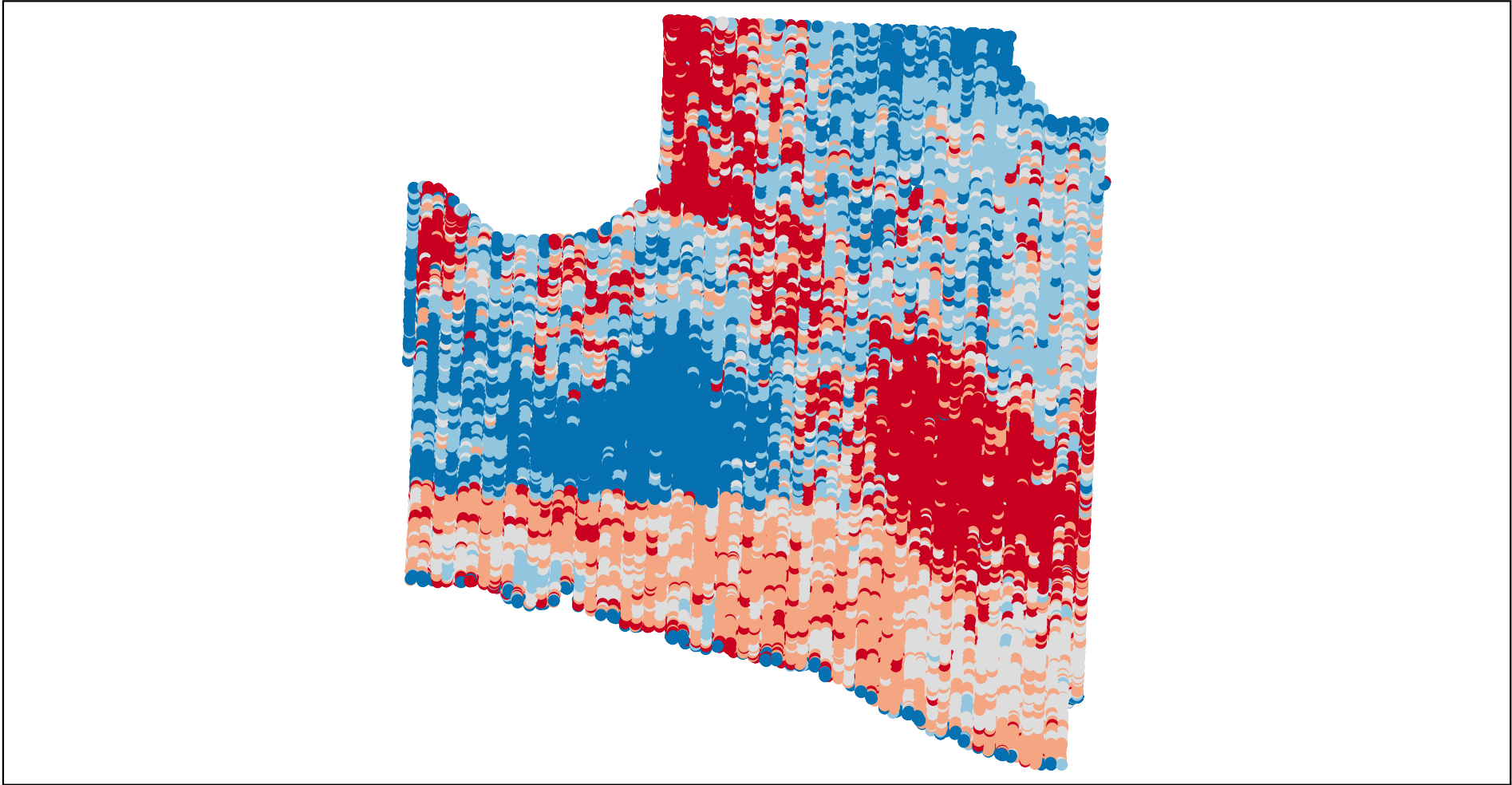
Client	Orchard	Block	Crop	Stage	Scan Date
WA Fruit	Grandview	SmartOrchard	Honeycrisp	preharvest	8/16/2021

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

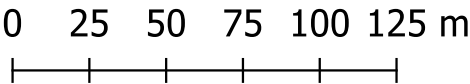


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SmartOrchard : Height



- Height [m]
- 2.0-3.56
 - 3.57-3.98
 - 3.99-4.15
 - 4.16-4.34
 - >4.355

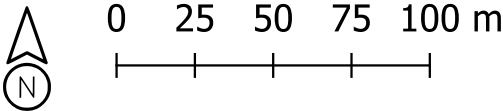
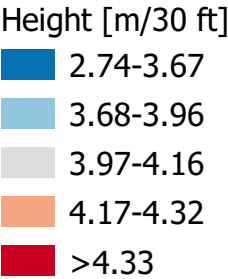
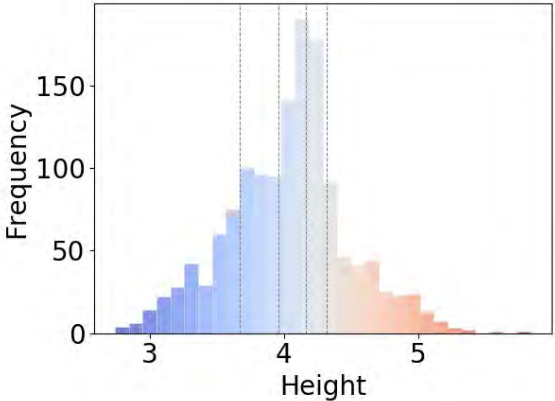
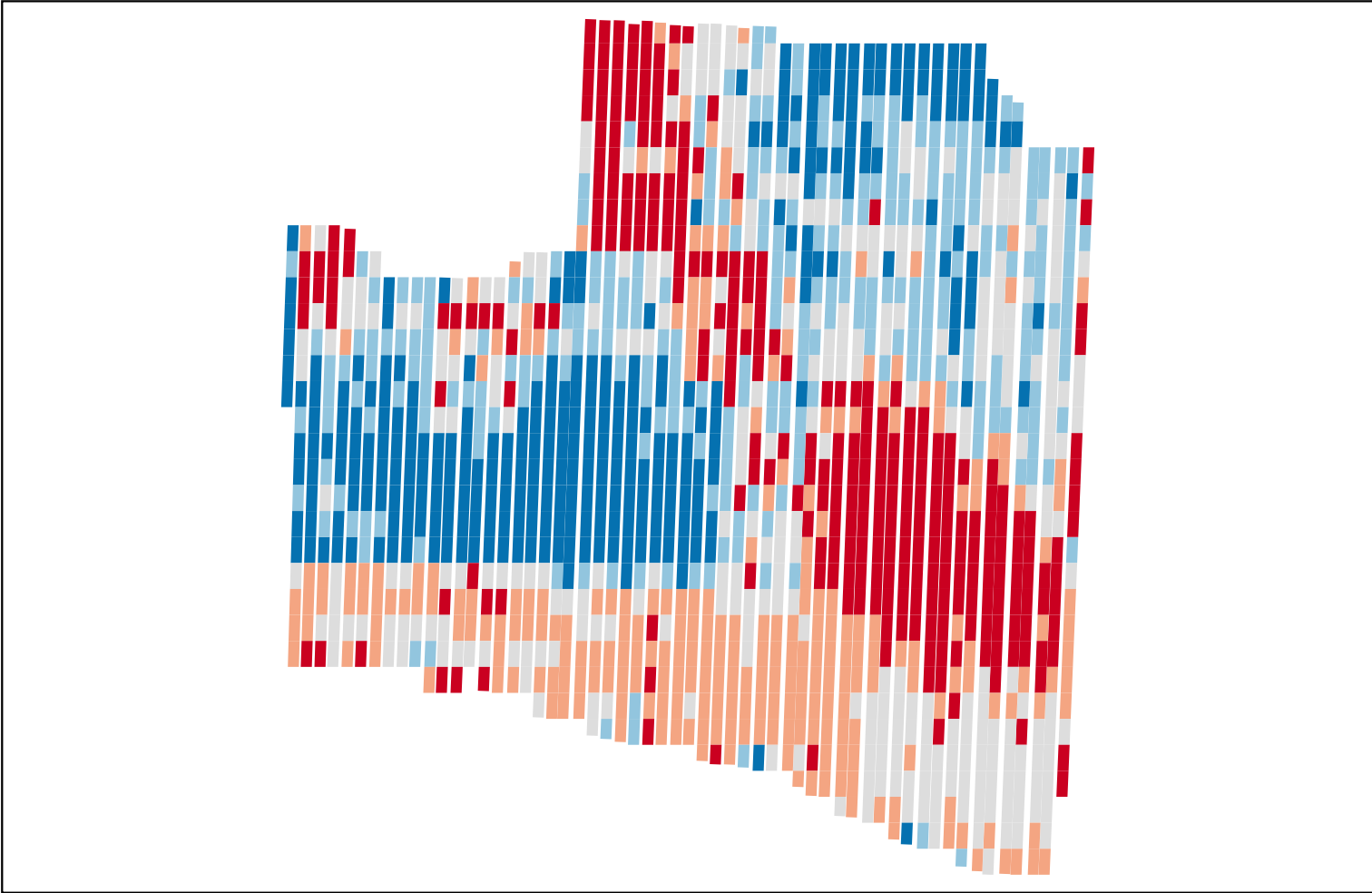


Client	Orchard	Block	Crop	Stage	Scan Date
WA Fruit	Grandview	SmartOrchard	Honeycrisp	preharvest	8/16/2021

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

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SmartOrchard : Height

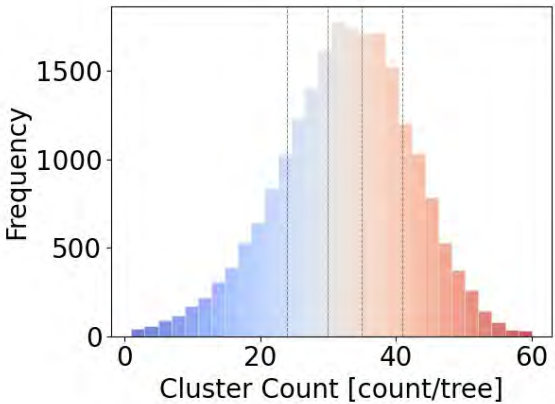
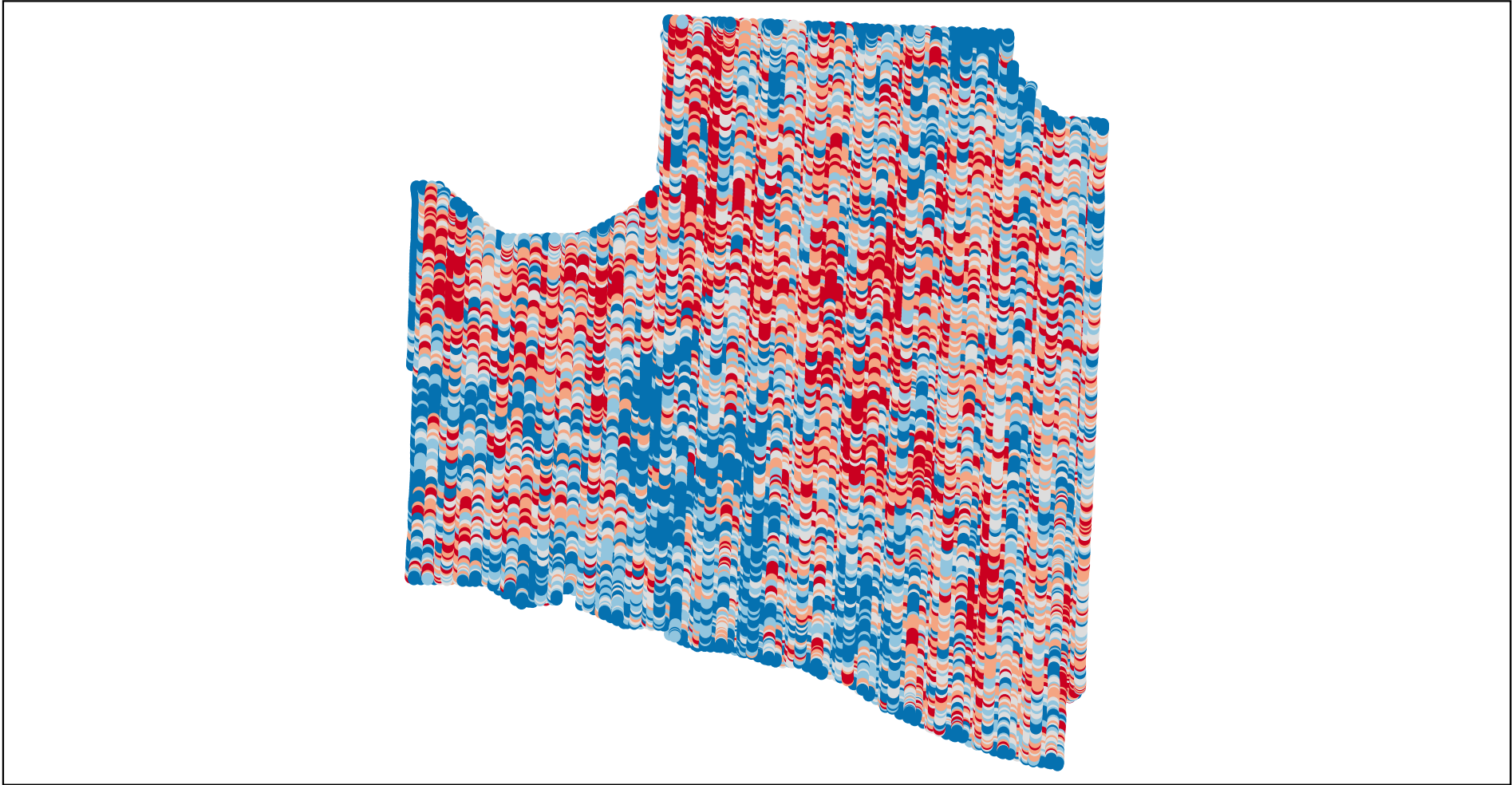


Client	Orchard	Block	Crop	Stage	Scan Date
WA Fruit	Grandview	SmartOrchard	Honeycrisp	preharvest	8/16/2021

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

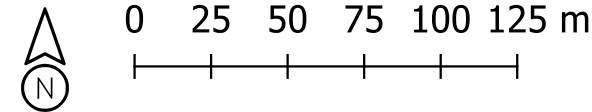
*This document is designed to provide you a “snapshot” of your field at a glance. Legend descriptions are not recommendations.

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

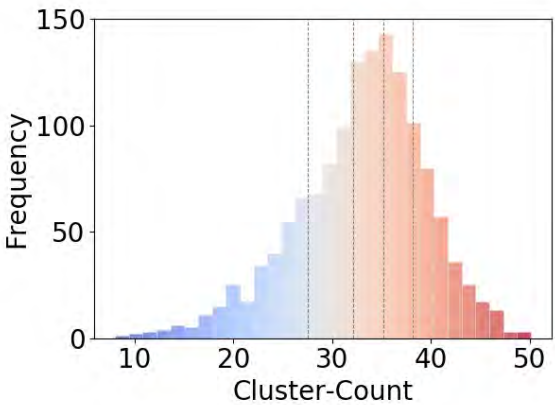
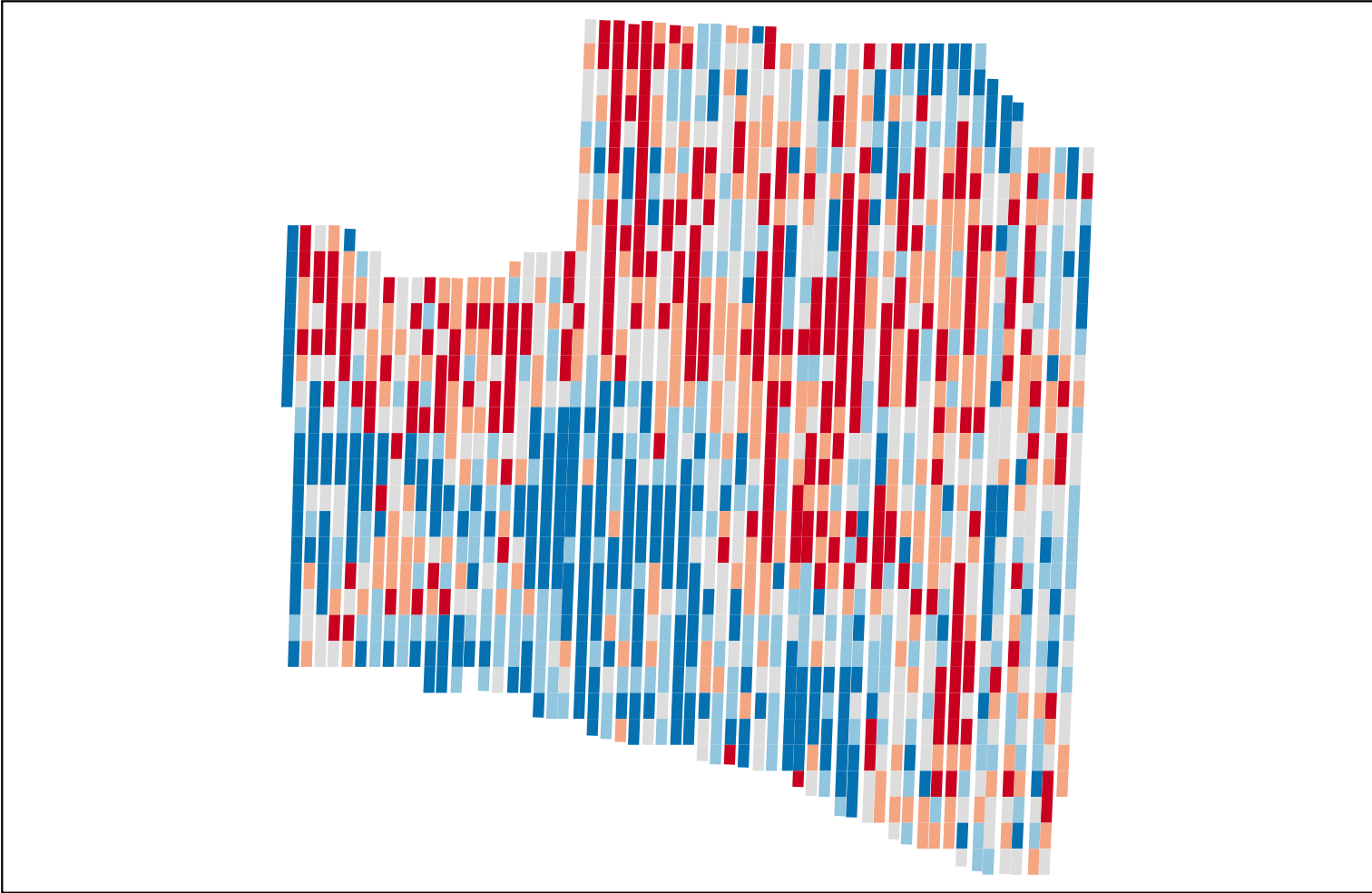


Client	Orchard	Block	Crop	Stage	Scan Date
WA Fruit	Grandview	SmartOrchard	Honeycrisp	preharvest	8/16/2021

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

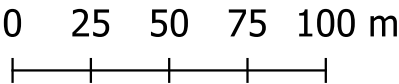
*This document is designed to provide you a “snapshot” of your field at a glance. Legend descriptions are not recommendations.

SmartOrchard : Cluster-Count



Cluster-Count [count/30 ft]

- 8.0-27.57
- 27.58-32.14
- 32.15-35.21
- 35.22-38.2
- >38.21

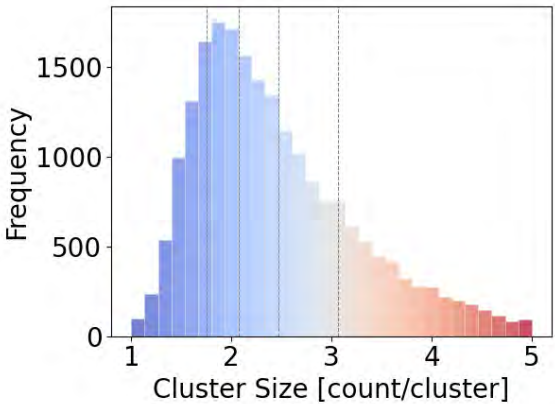
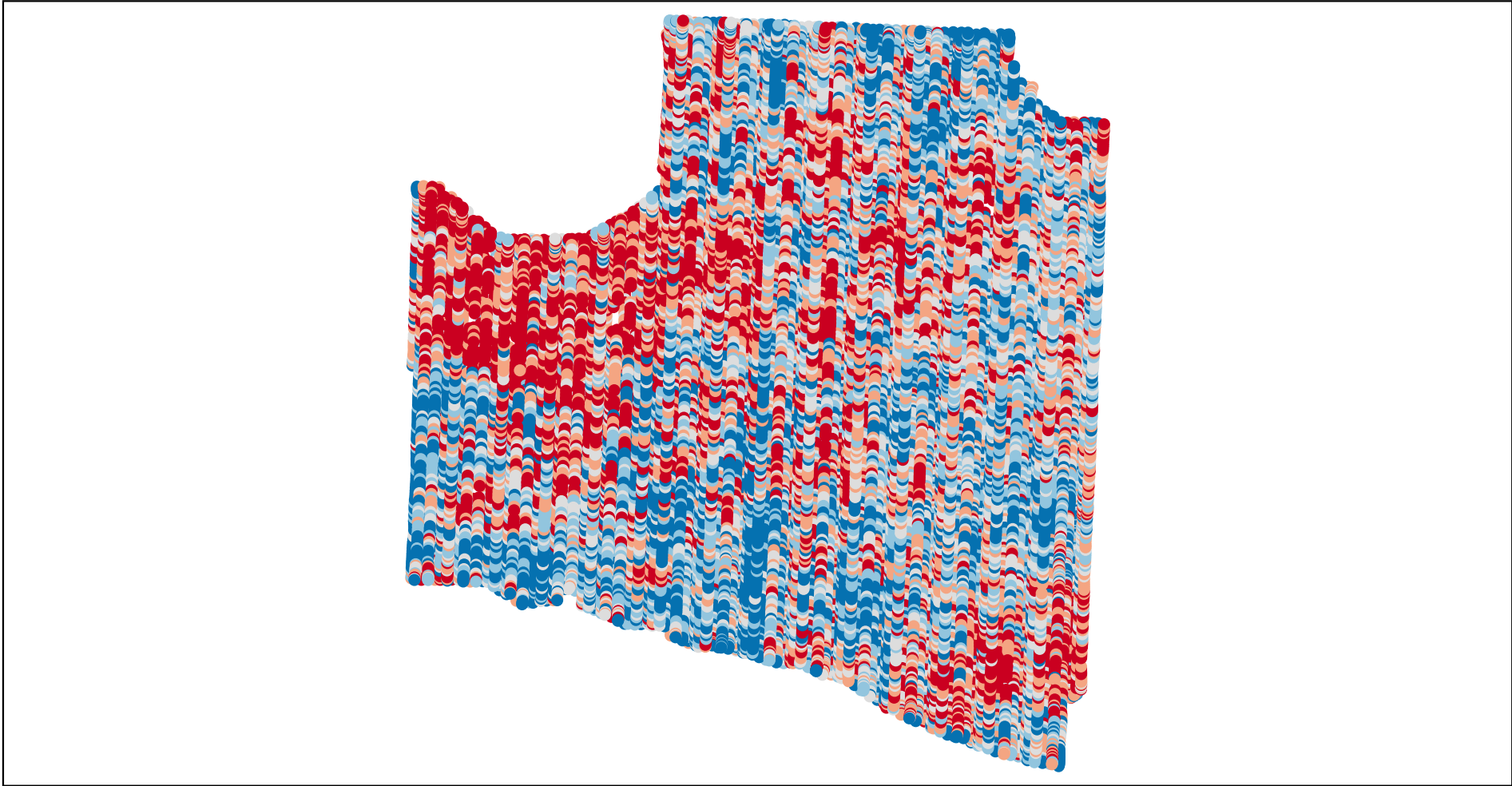


Client	Orchard	Block	Crop	Stage	Scan Date
WA Fruit	Grandview	SmartOrchard	Honeycrisp	preharvest	8/16/2021

Mean	Target	CV	Acres
32.92 [count/30 ft]	xyz [count/30 ft]	19 [%]	15.72

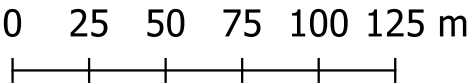
*This document is designed to provide you a “snapshot” of your field at a glance. Legend descriptions are not recommendations.

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

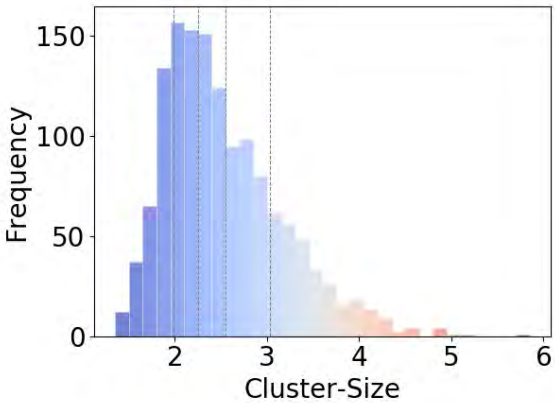
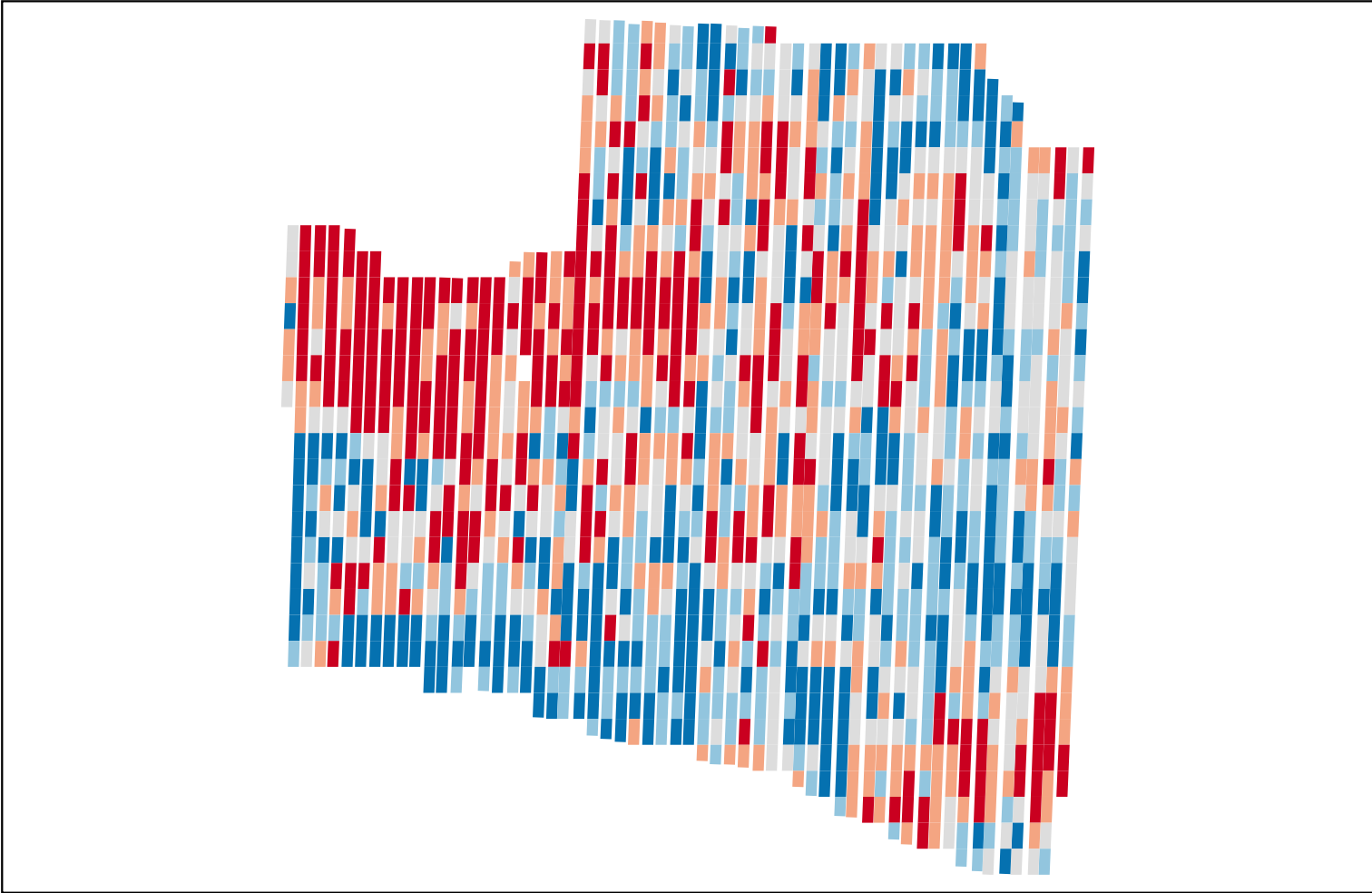


Client	Orchard	Block	Crop	Stage	Scan Date
WA Fruit	Grandview	SmartOrchard	Honeycrisp	preharvest	8/16/2021

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

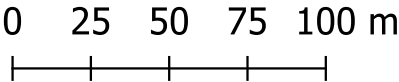
*This document is designed to provide you a “snapshot” of your field at a glance. Legend descriptions are not recommendations.

SmartOrchard : Cluster-Size



Cluster-Size [count/30 ft]

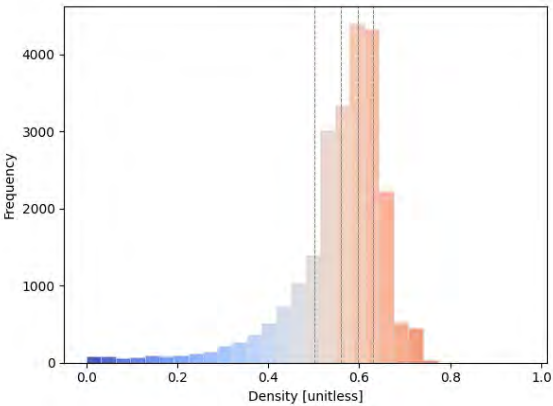
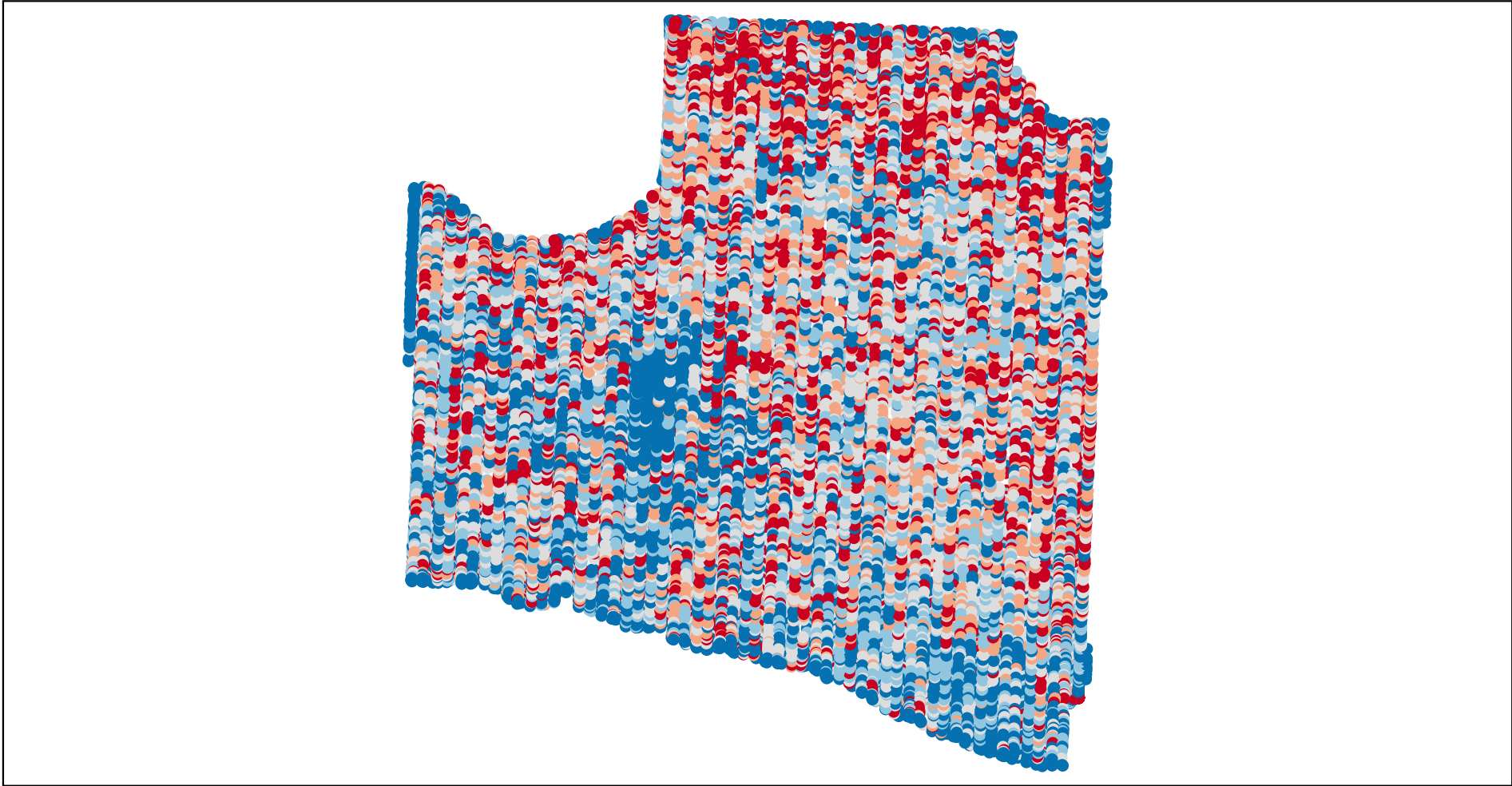
- 1.35-1.99
- 2.0-2.25
- 2.26-2.55
- 2.56-3.03
- >3.04



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

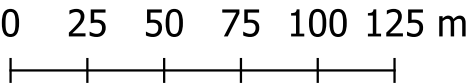
Mean	Target	CV	Acres
2.52 [count/30 ft]	xyz [count/30 ft]	25 [%]	15.72

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Density [unitless]

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

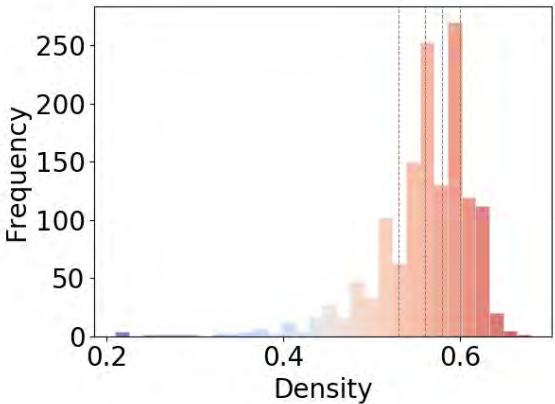
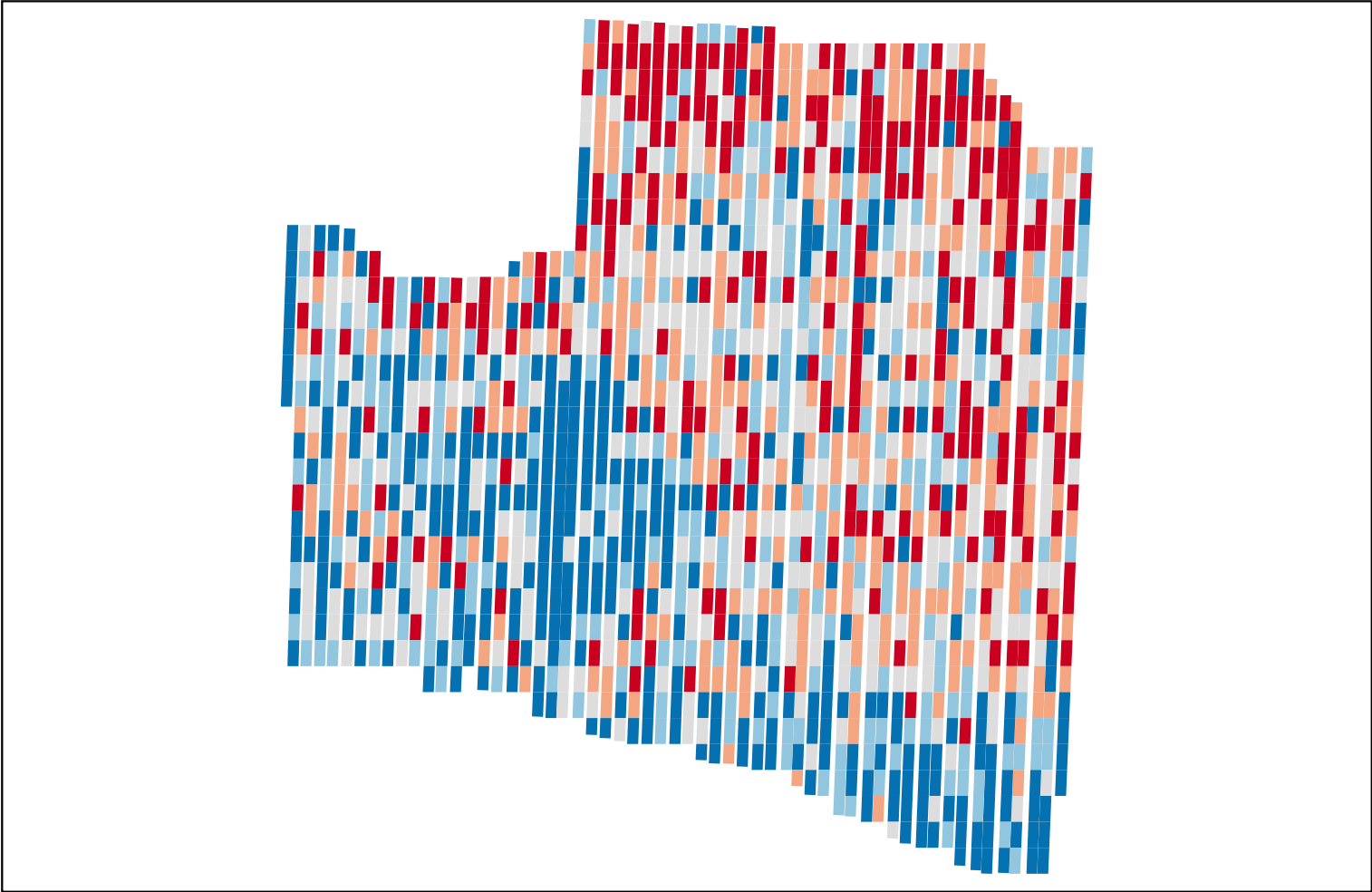


Client	Orchard	Block	Crop	Stage	Scan Date
WA Fruit	Grandview	SmartOrchard	Honeycrisp	preharvest	8/16/2021

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

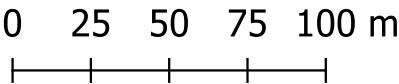
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SmartOrchard : Density



Density [unitless]

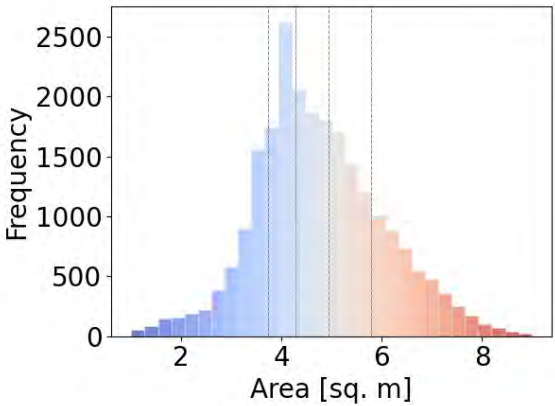
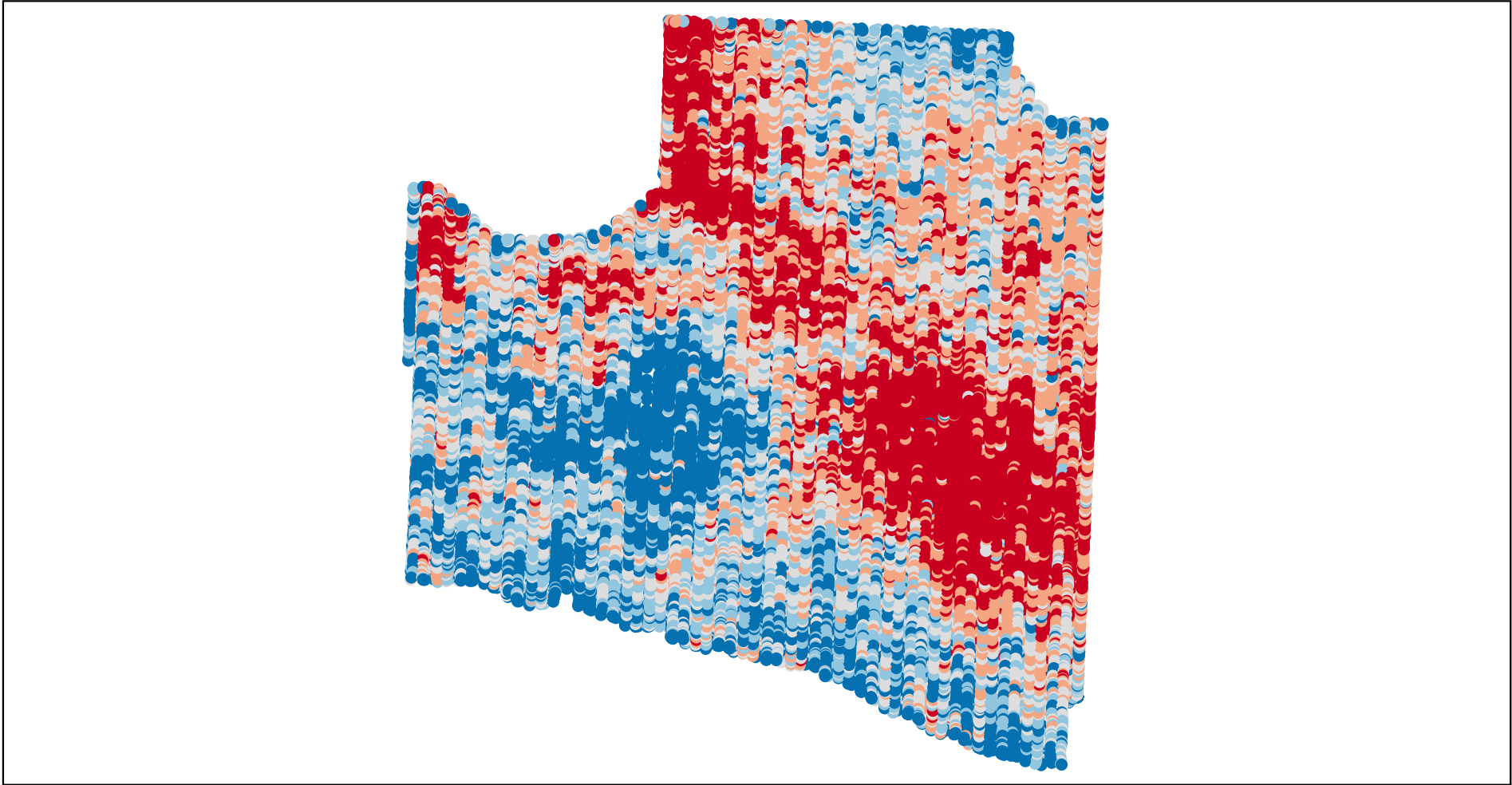
- 0.21-0.53
- 0.54-0.56
- 0.57-0.58
- 0.59-0.6
- >0.61



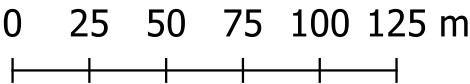
Client	Orchard	Block	Crop	Stage	Scan Date
WA Fruit	Grandview	SmartOrchard	Honeycrisp	preharvest	8/16/2021

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

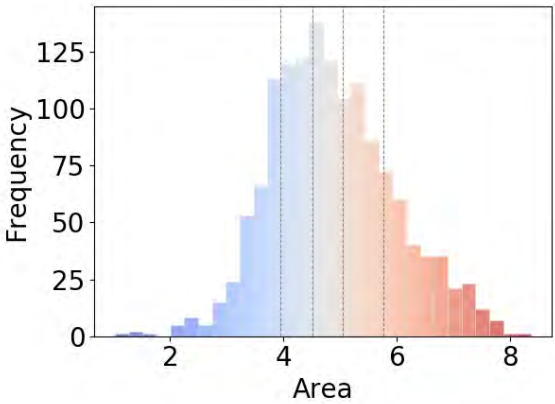
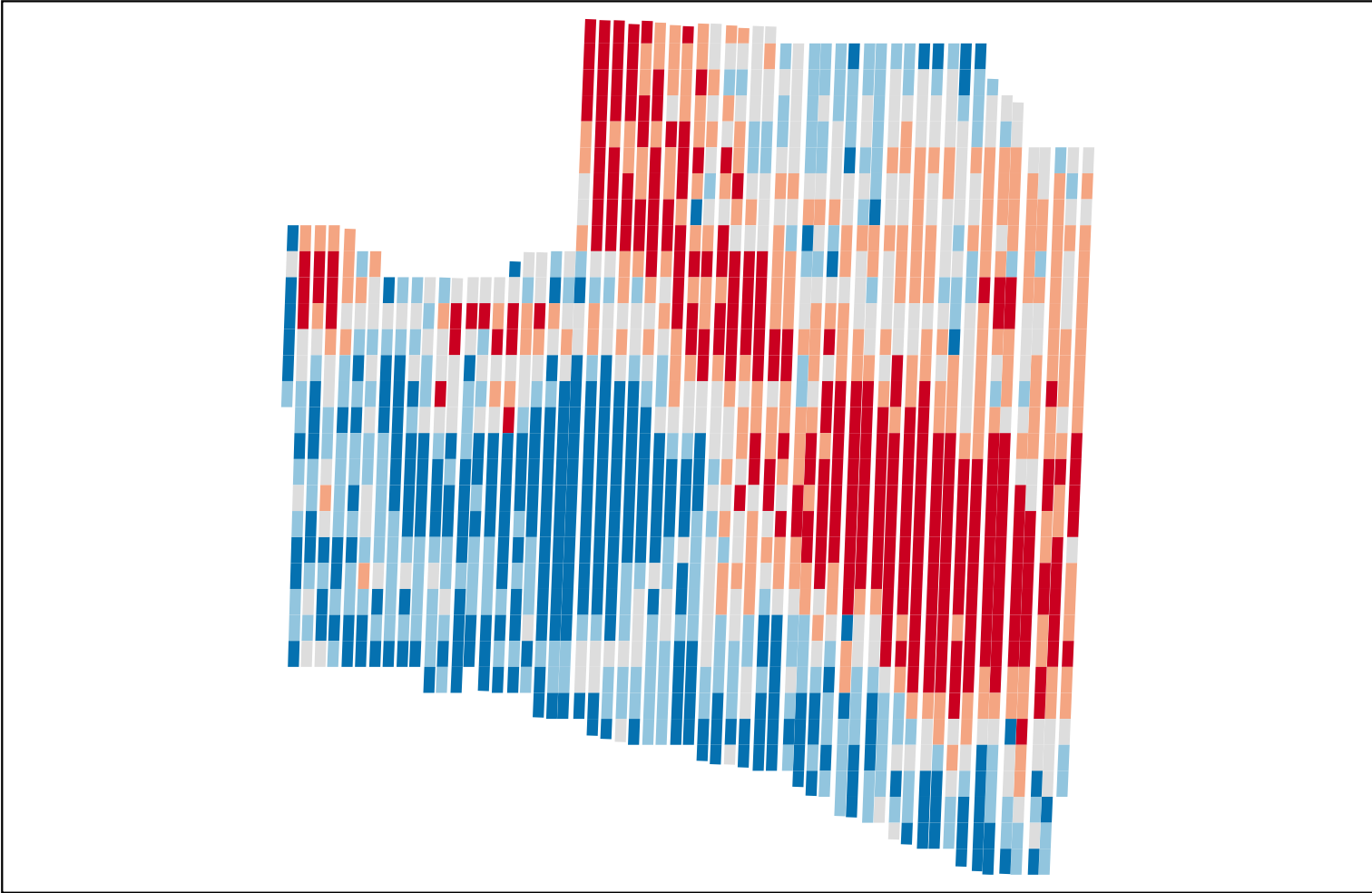


Client	Orchard	Block	Crop	Stage	Scan Date
WA Fruit	Grandview	SmartOrchard	Honeycrisp	preharvest	8/16/2021

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

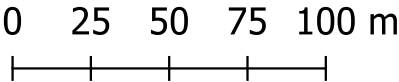
*This document is designed to provide you a “snapshot” of your field at a glance. Legend descriptions are not recommendations.

SmartOrchard : Area



Area [sq. m]

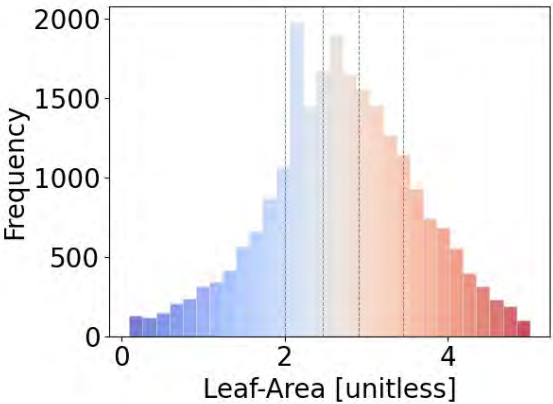
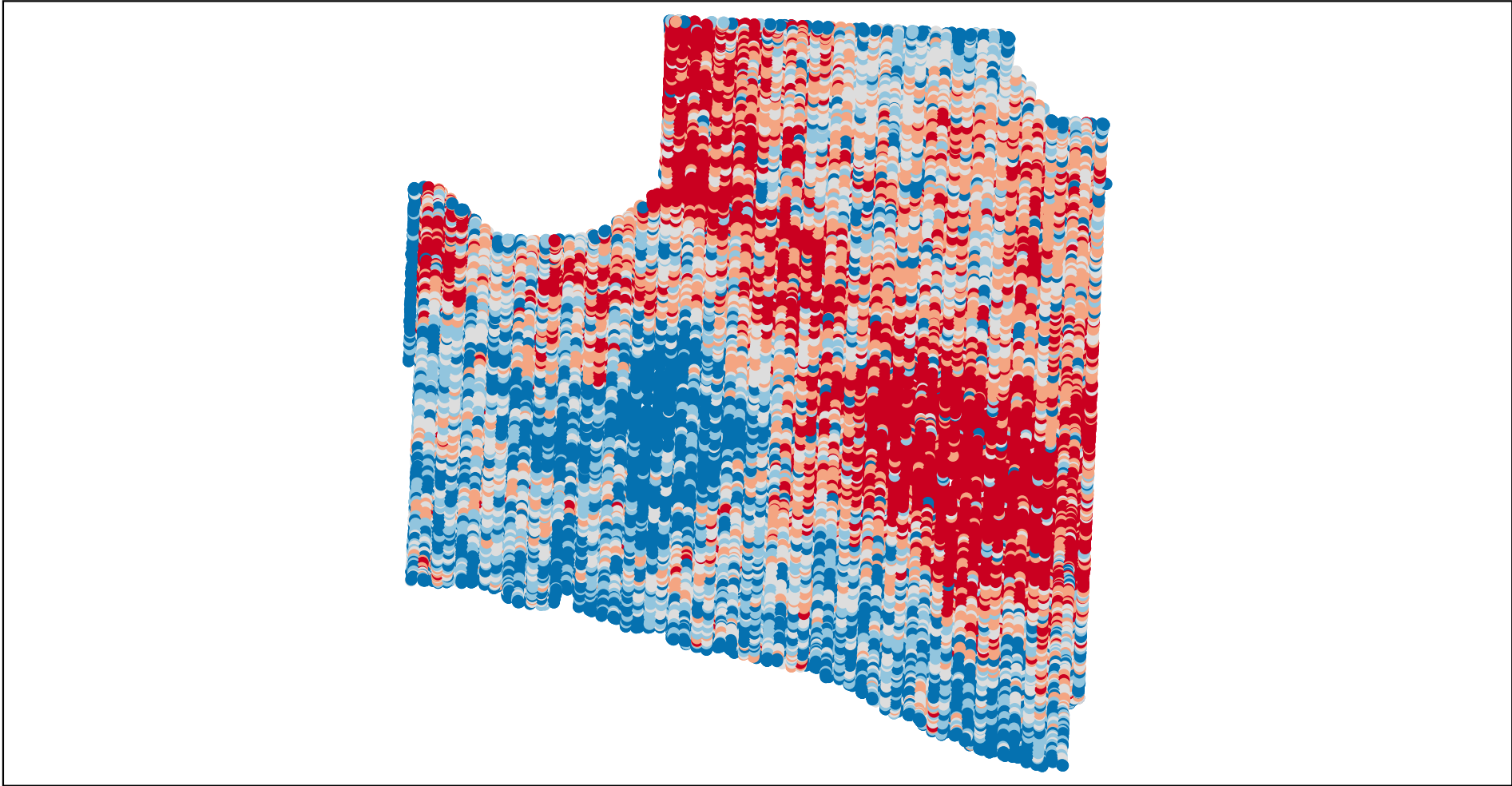
- 1.03-3.94
- 3.95-4.51
- 4.52-5.05
- 5.06-5.76
- >5.77



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

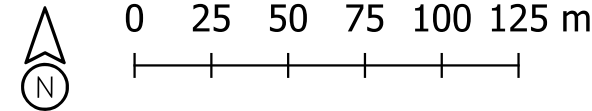
Mean	Target	CV	Acres
4.86 [sq. m]	xyz [sq. m]	22 [%]	15.72

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



Leaf-Area [unitless]

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

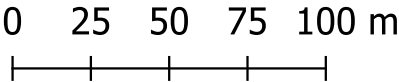
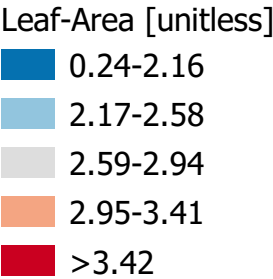
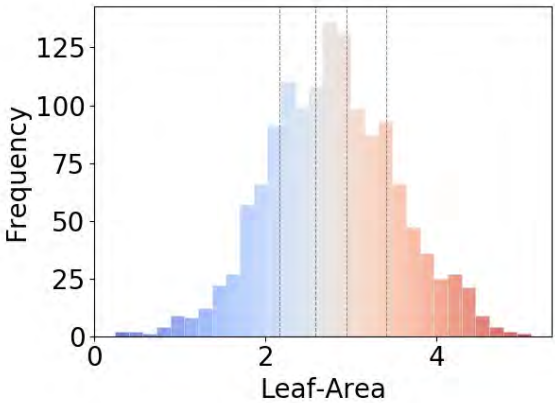
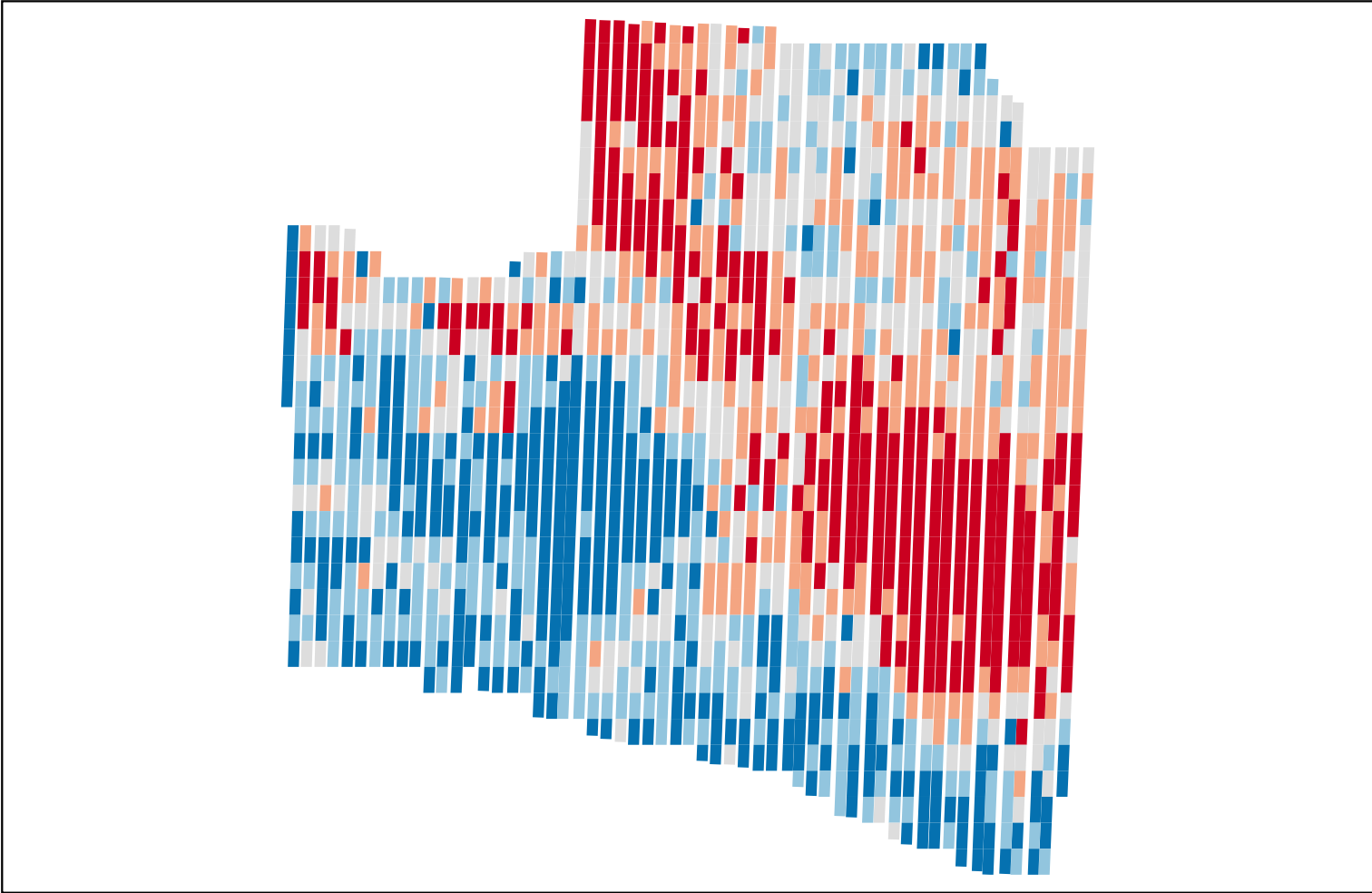


Client	Orchard	Block	Crop	Stage	Scan Date
WA Fruit	Grandview	SmartOrchard	Honeycrisp	preharvest	8/16/2021

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

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SmartOrchard : Leaf-Area



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

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