

Sustainability

Ag Tech

Data

Innovation



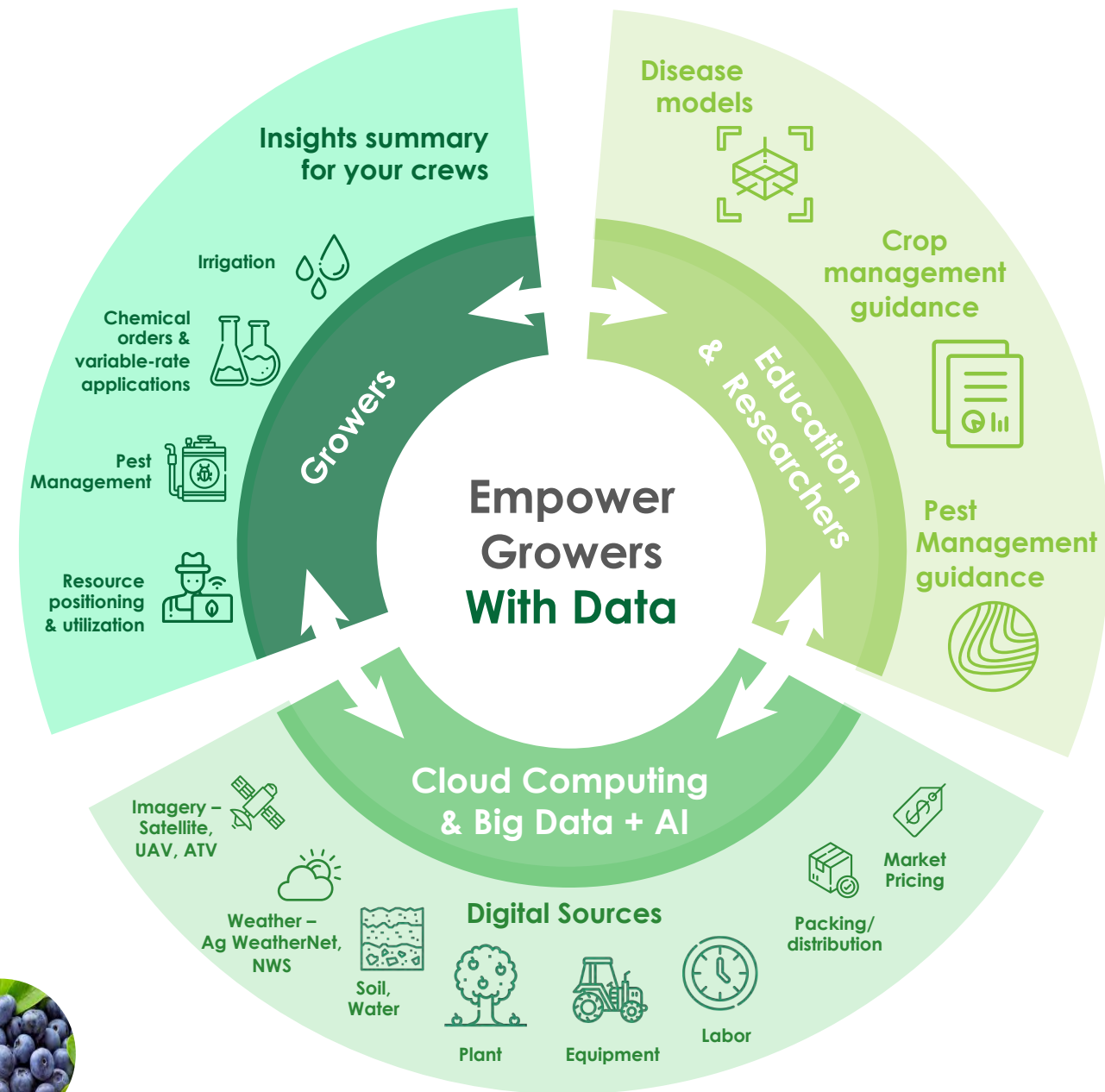
innov8.ag
EMPOWERING GROWERS WITH DATA

Columbia Reach Smart Orchard
Chiawana Green Atlas Data

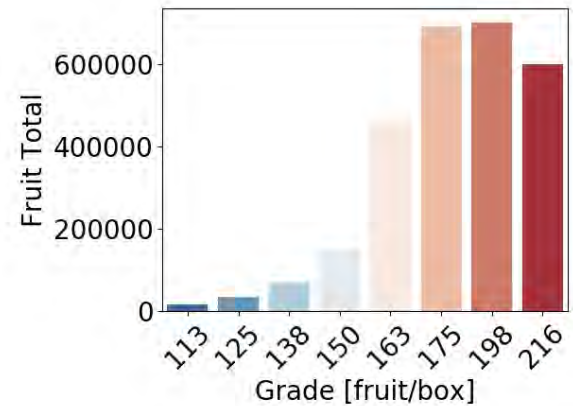
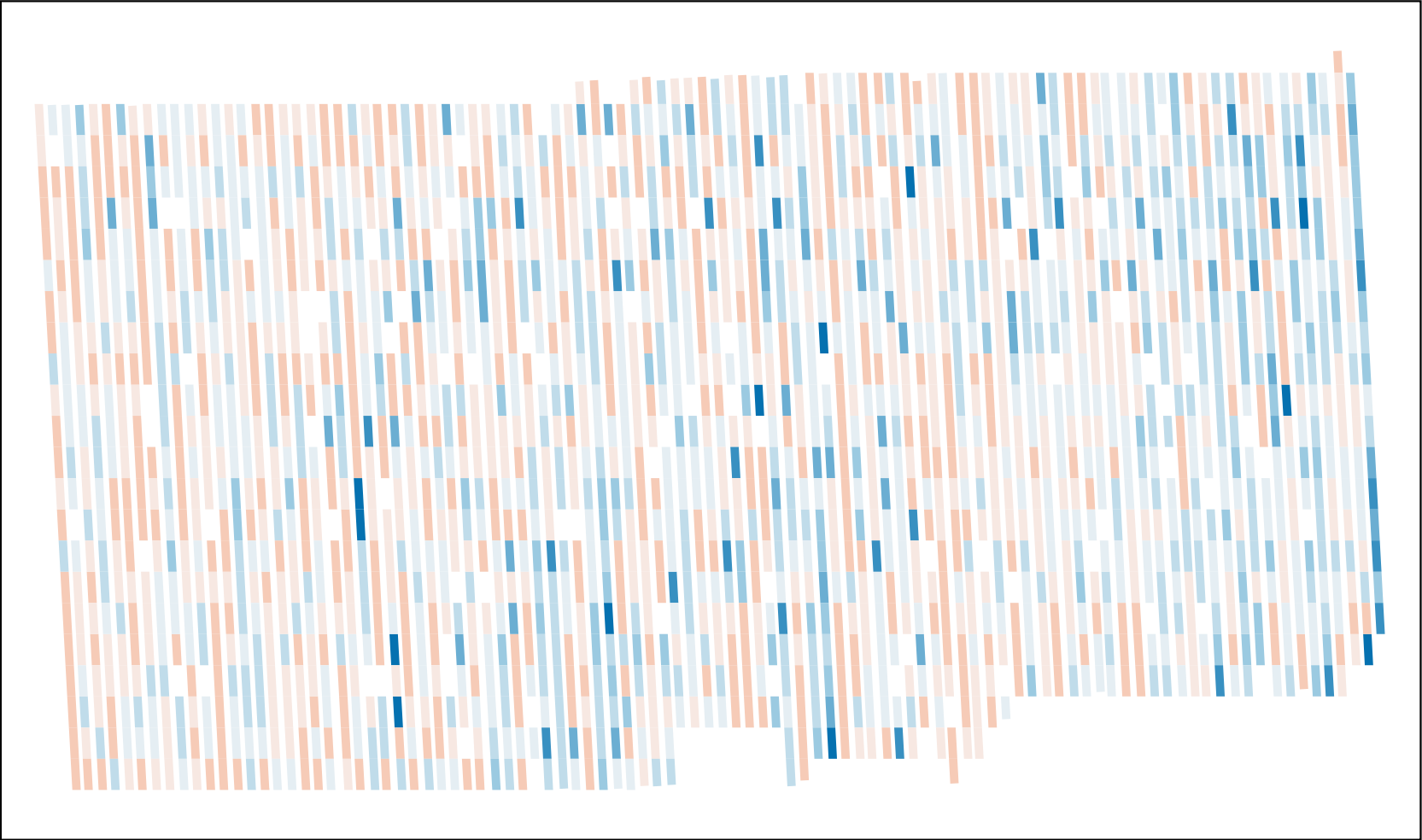
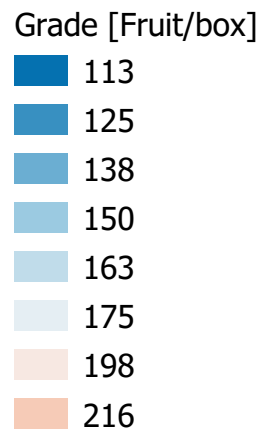


What's Inside

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

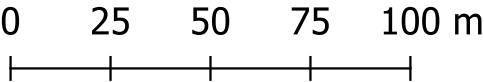


661 : Fruit/Box by Size



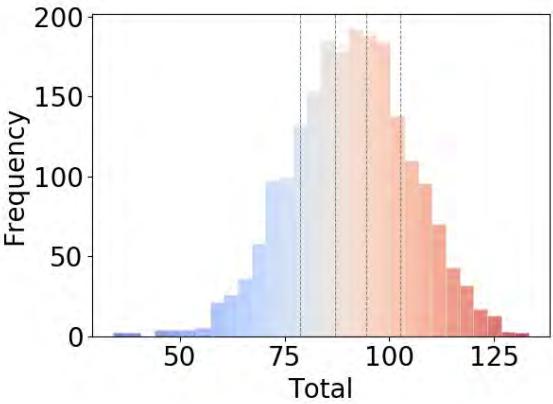
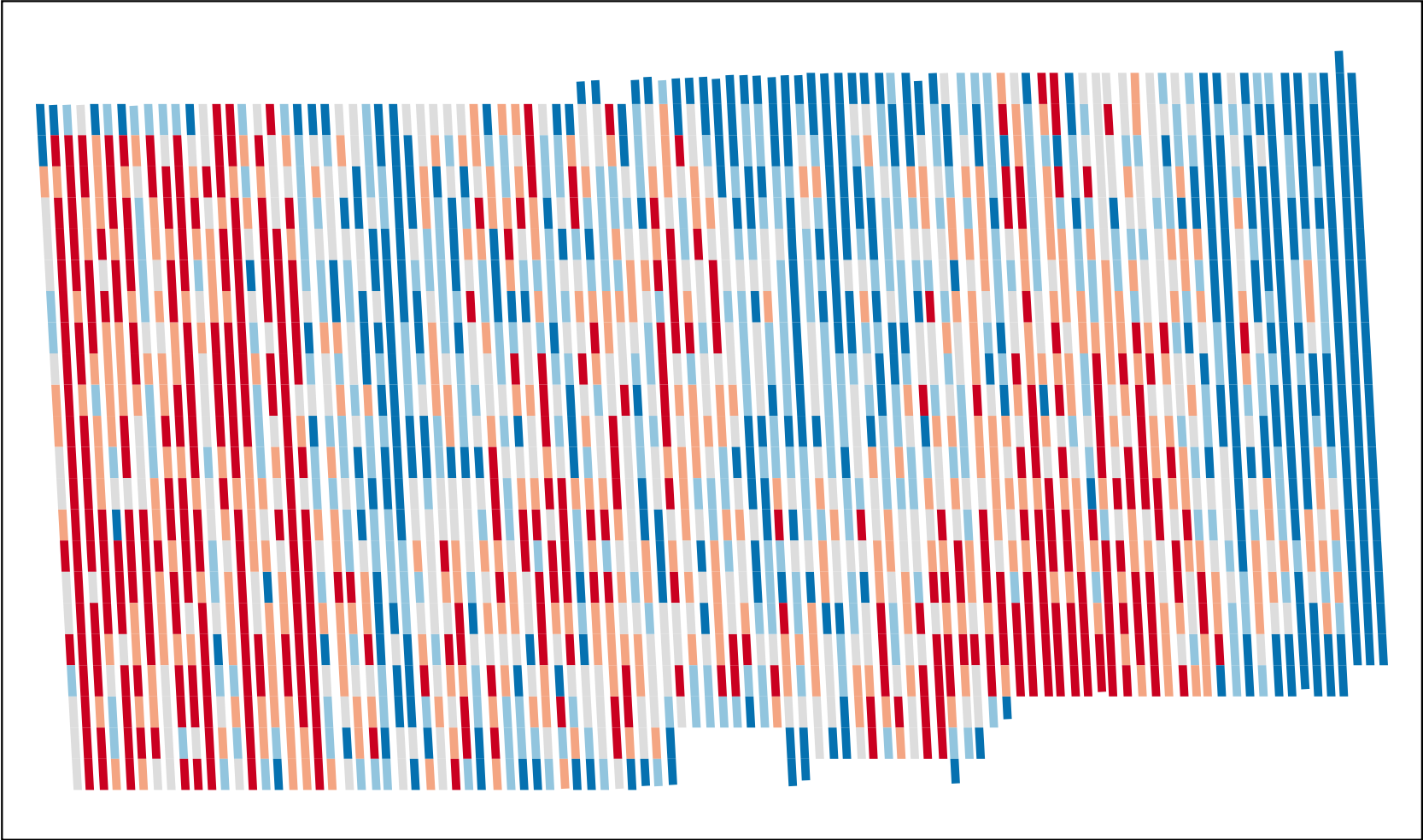
Client	Orchard	Block	Crop	Stage	Scan Date
Columbia Reach	Chiawana	661	Apples	preharvest	8/6/2021

Mean	Target	Block total	CV	Acres
184 [Fruit/box]	xyz [Fruit/box]	2725021	12 [%]	19.37



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

661 : Total



Total [count/30 ft]

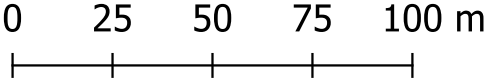
34-78

78-87

87-94

94-102

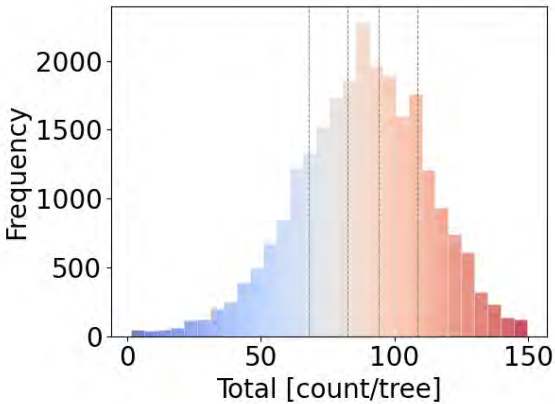
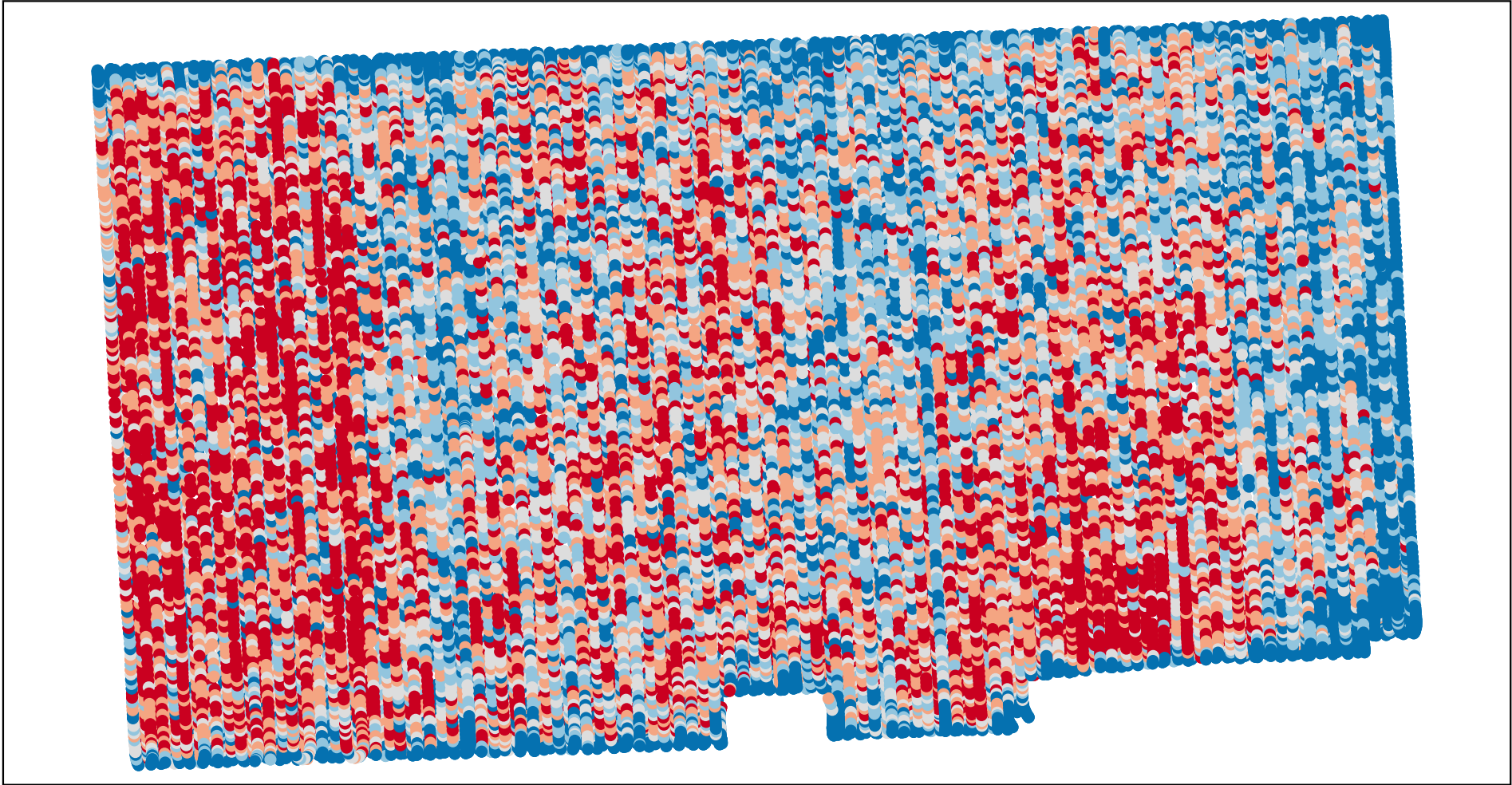
>102



Client	Orchard	Block	Crop	Stage	Scan Date
Columbia Reach	Chiawana	661	Apples	preharvest	8/6/2021

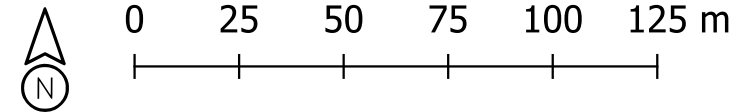
Mean	Target	CV	Acres
90 [count/30 ft]	xyz [count/30 ft]	15 [%]	19.37

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Total [count/tree]

- 1-68
- 68-82
- 82-94
- 94-108
- >108

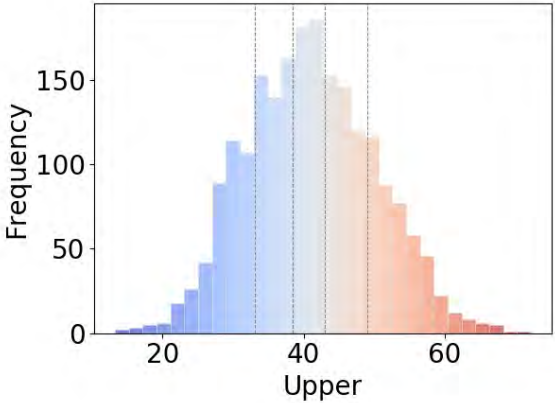
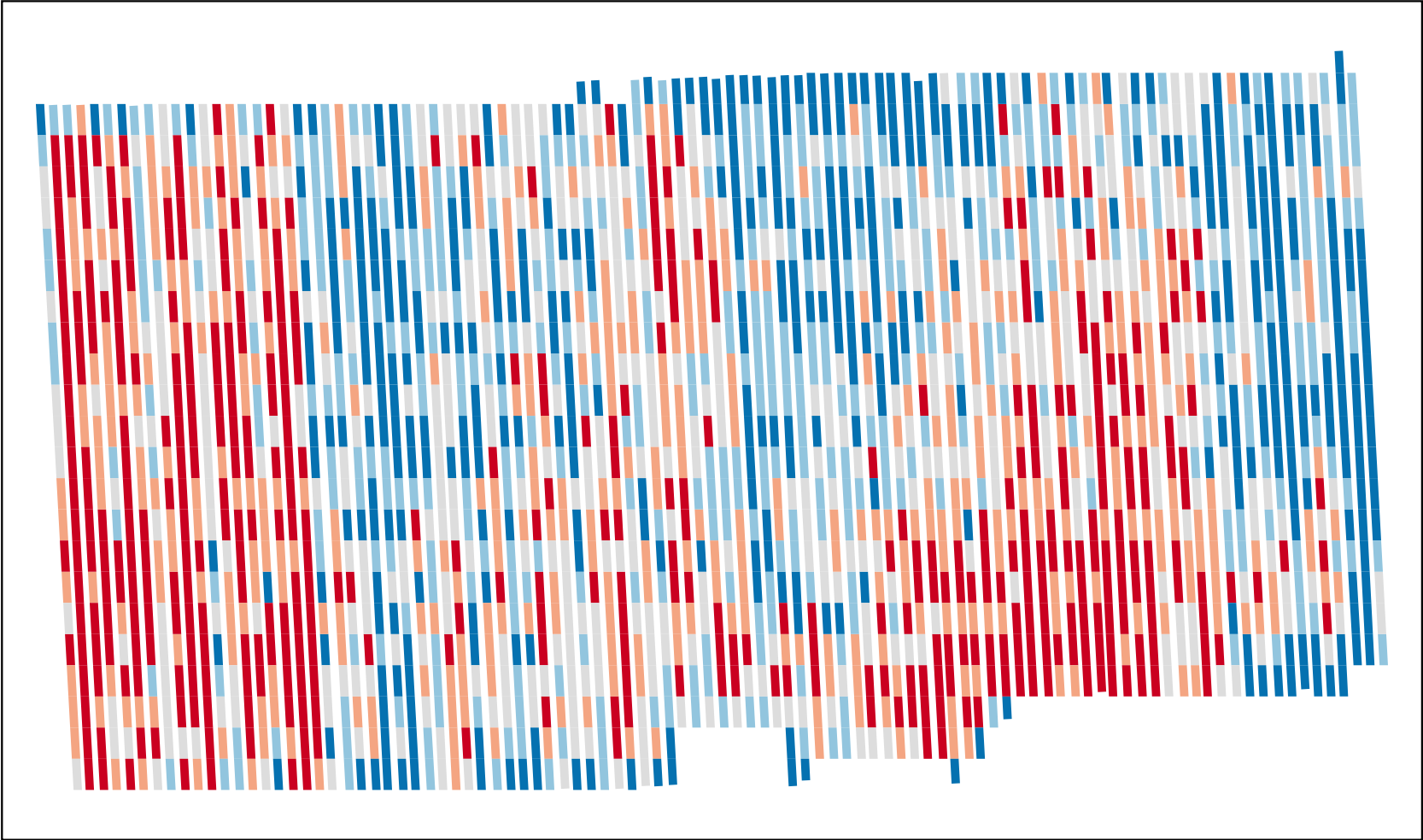


Client	Orchard	Block	Crop	Stage	Scan Date
Columbia Reach	Chiawana	661	Apples	preharvest	8/6/2021

Mean	Target	Block total	CV	Acres
87 [count/tree]	xyz [count/tree]	3084012	27 [%]	19.37

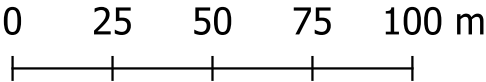
*This document is designed to provide you a “snapshot” of your field at a glance. Legend descriptions are not recommendations.

661 : Upper



Upper [count/30 ft]

- 13-33
- 33-38
- 38-42
- 42-48
- >48

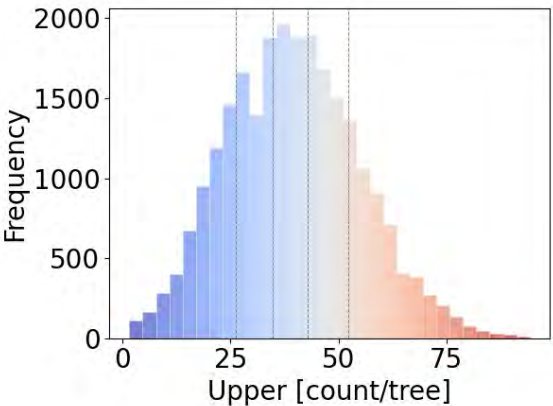
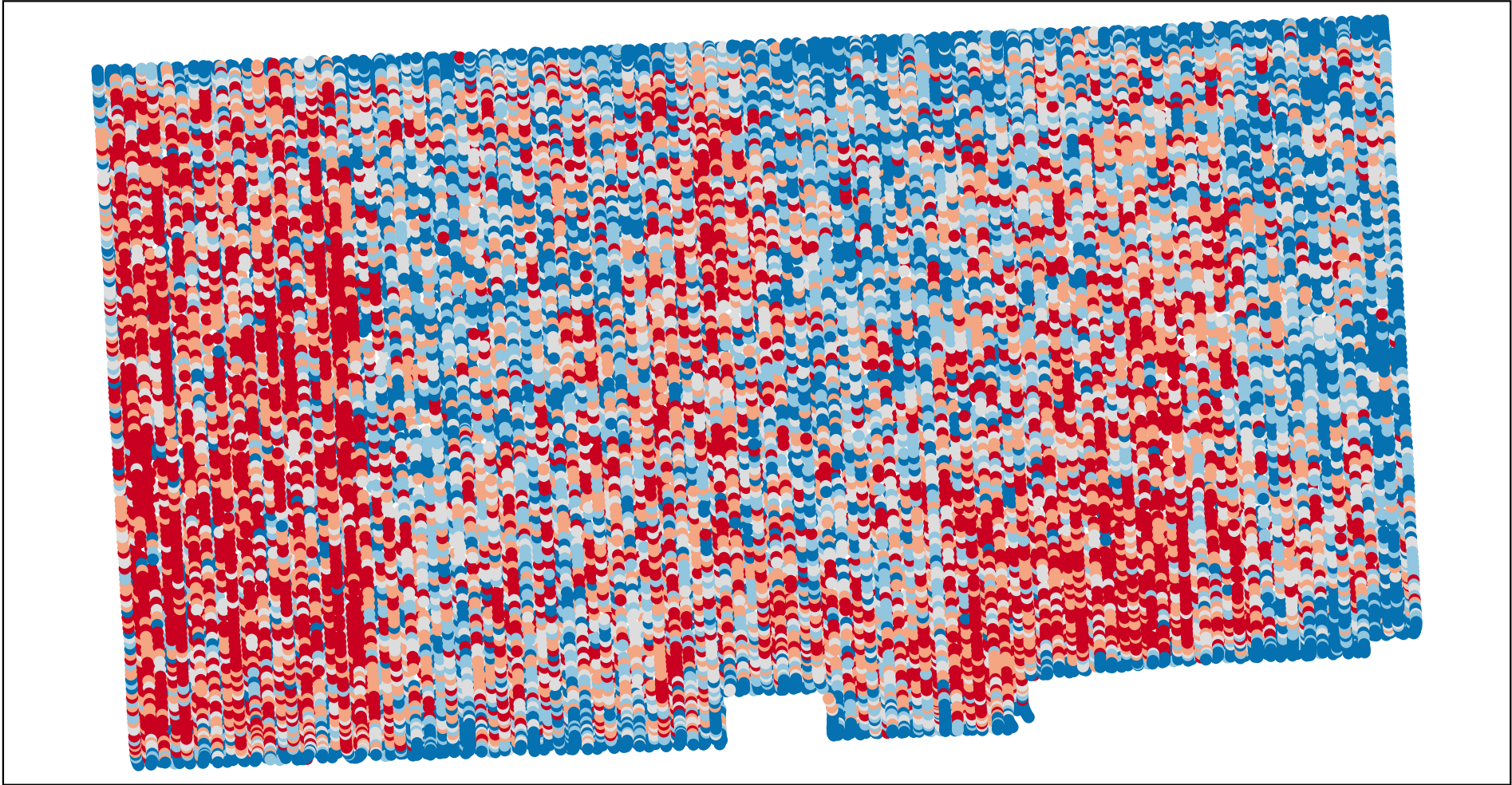


Client	Orchard	Block	Crop	Stage	Scan Date
Columbia Reach	Chiawana	661	Apples	preharvest	8/6/2021

Mean	Target	CV	Acres
40 [count/30 ft]	xyz [count/30 ft]	22 [%]	19.37

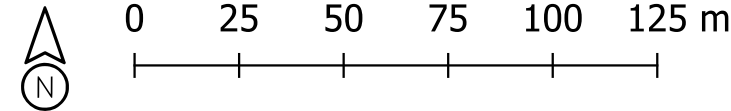
*This document is designed to provide you a “snapshot” of your field at a glance. Legend descriptions are not recommendations.

661 : Upper



Upper [count/tree]

- 1-26
- 26-34
- 34-42
- 42-52
- >52

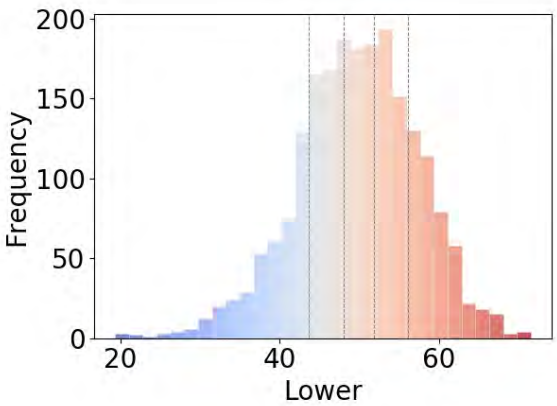
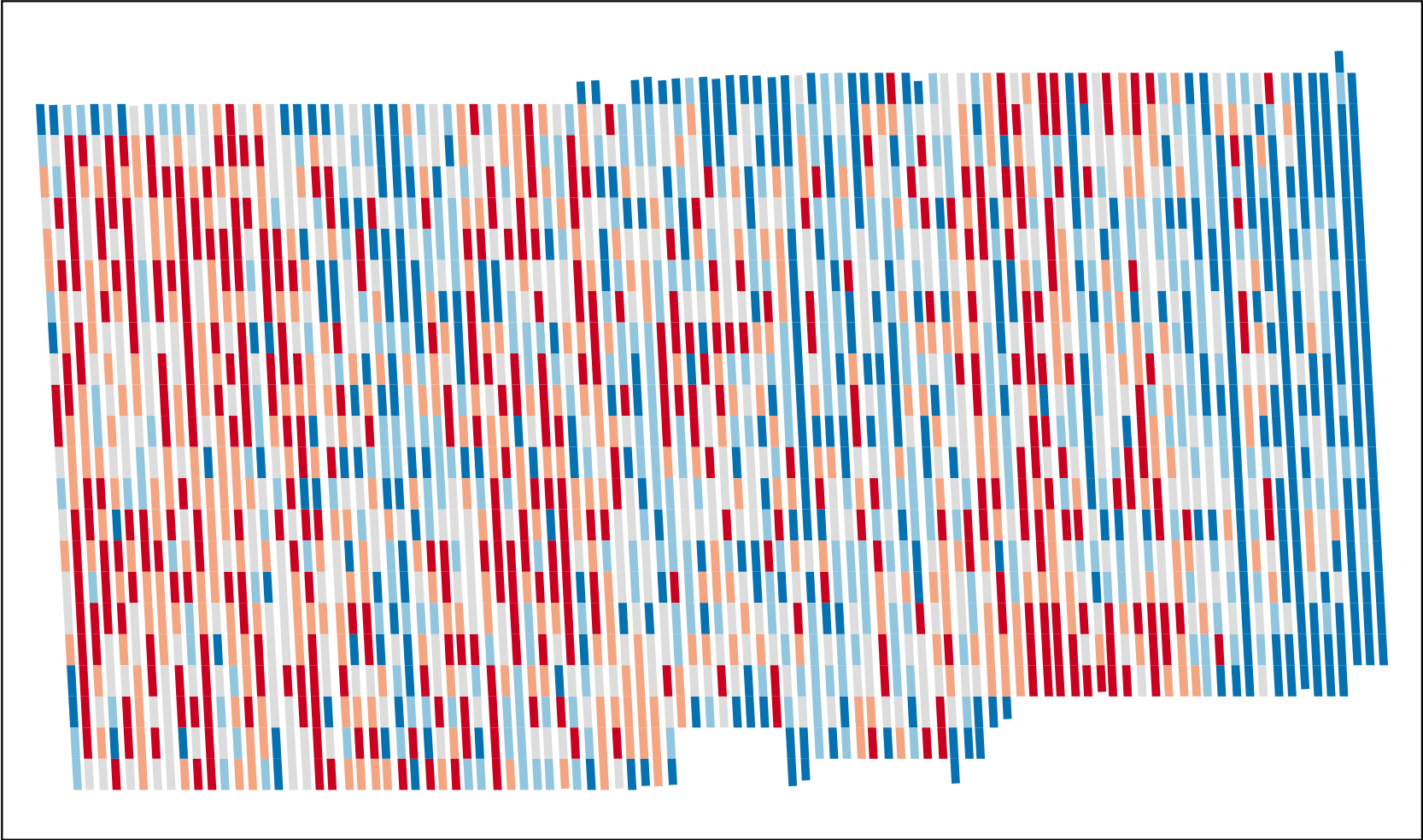


Client	Orchard	Block	Crop	Stage	Scan Date
Columbia Reach	Chiawana	661	Apples	preharvest	8/6/2021

Mean	Target	CV	Acres
39 [count/tree]	xyz [count/tree]	39 [%]	19.37

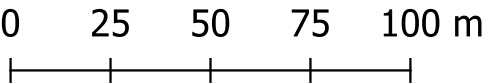
*This document is designed to provide you a “snapshot” of your field at a glance. Legend descriptions are not recommendations.

661 : Lower



Lower [count/30 ft]

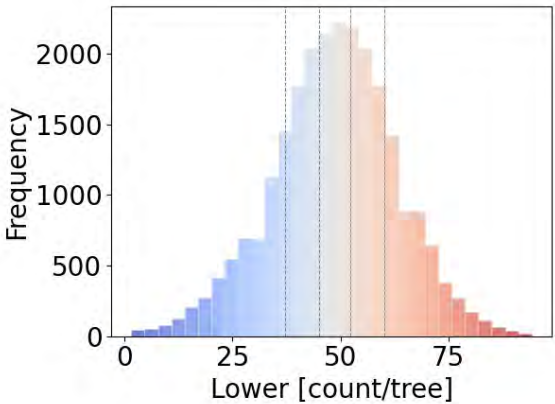
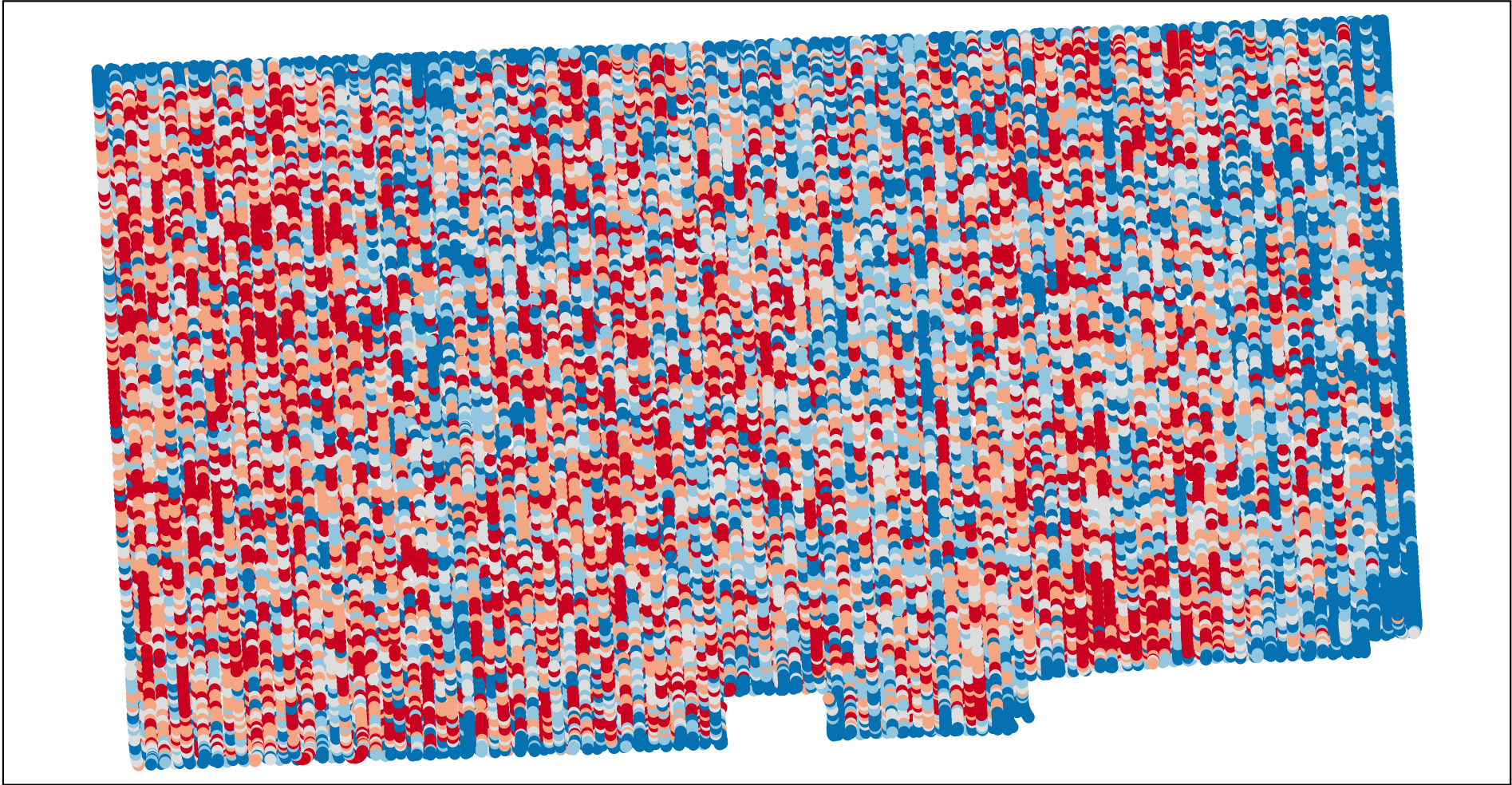
- 19-43
- 43-48
- 48-51
- 51-56
- >56



Client	Orchard	Block	Crop	Stage	Scan Date
Columbia Reach	Chiawana	661	Apples	preharvest	8/6/2021

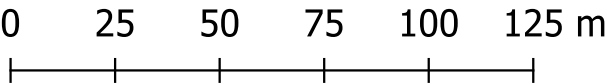
Mean	Target	CV	Acres
49 [count/30 ft]	xyz [count/30 ft]	15 [%]	19.37

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Lower [count/tree]

- 1-37
- 37-45
- 45-52
- 52-60
- >60

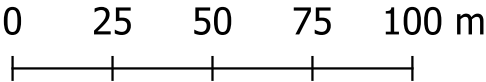
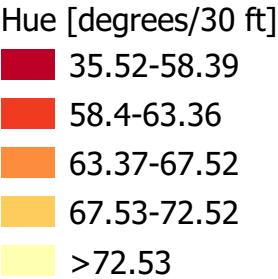
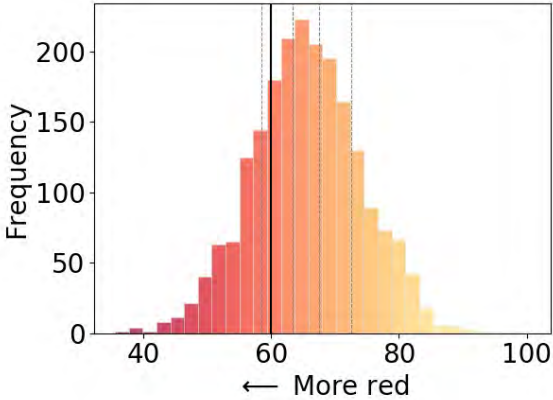
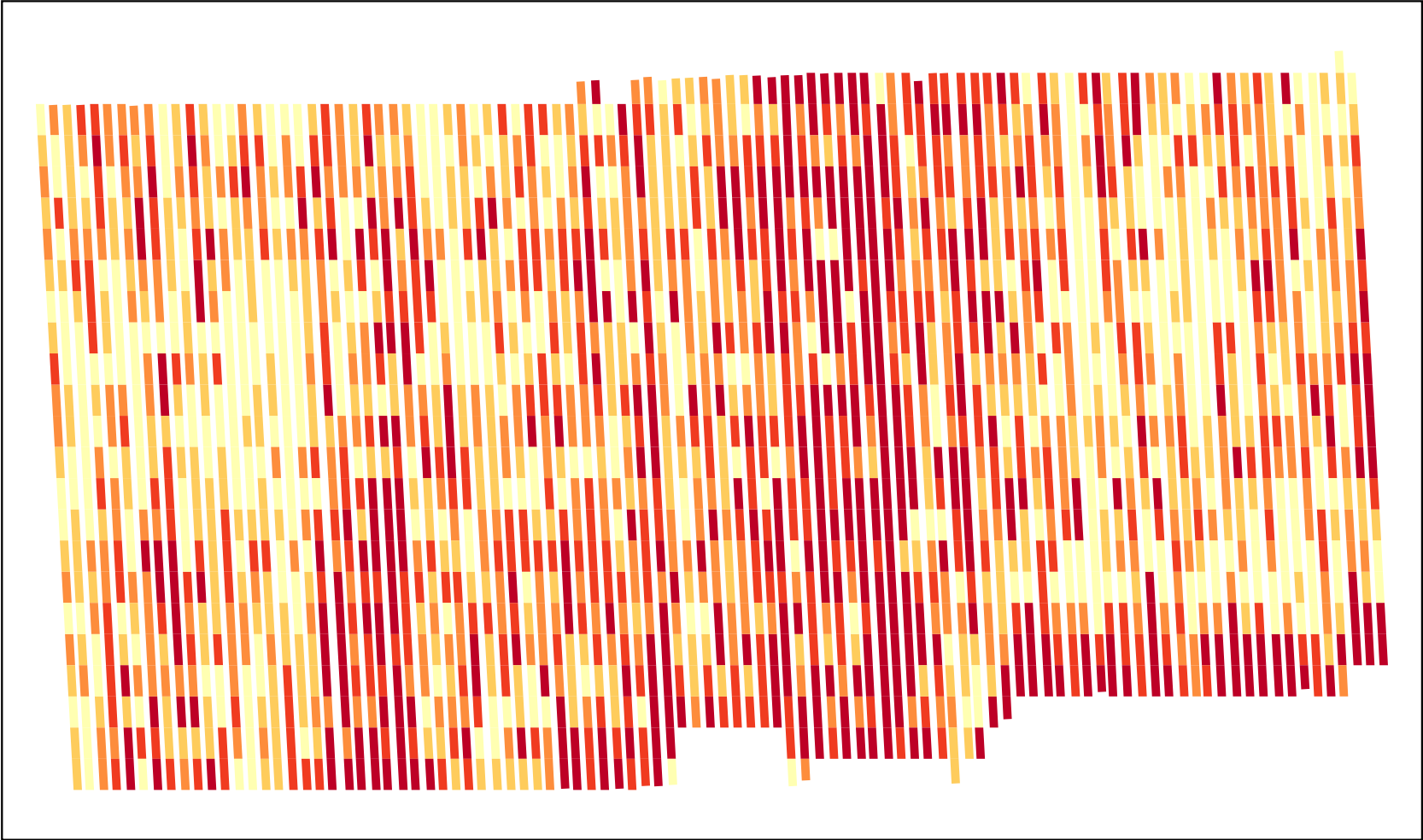


Client	Orchard	Block	Crop	Stage	Scan Date
Columbia Reach	Chiawana	661	Apples	preharvest	8/6/2021

Mean	Target	CV	Acres
48 [count/tree]	xyz [count/tree]	29 [%]	19.37

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Chiawana : Hue - Red

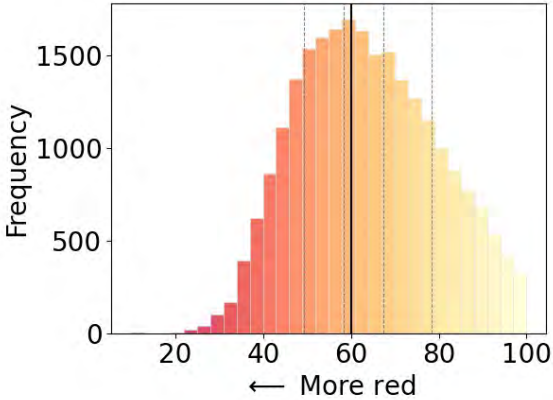
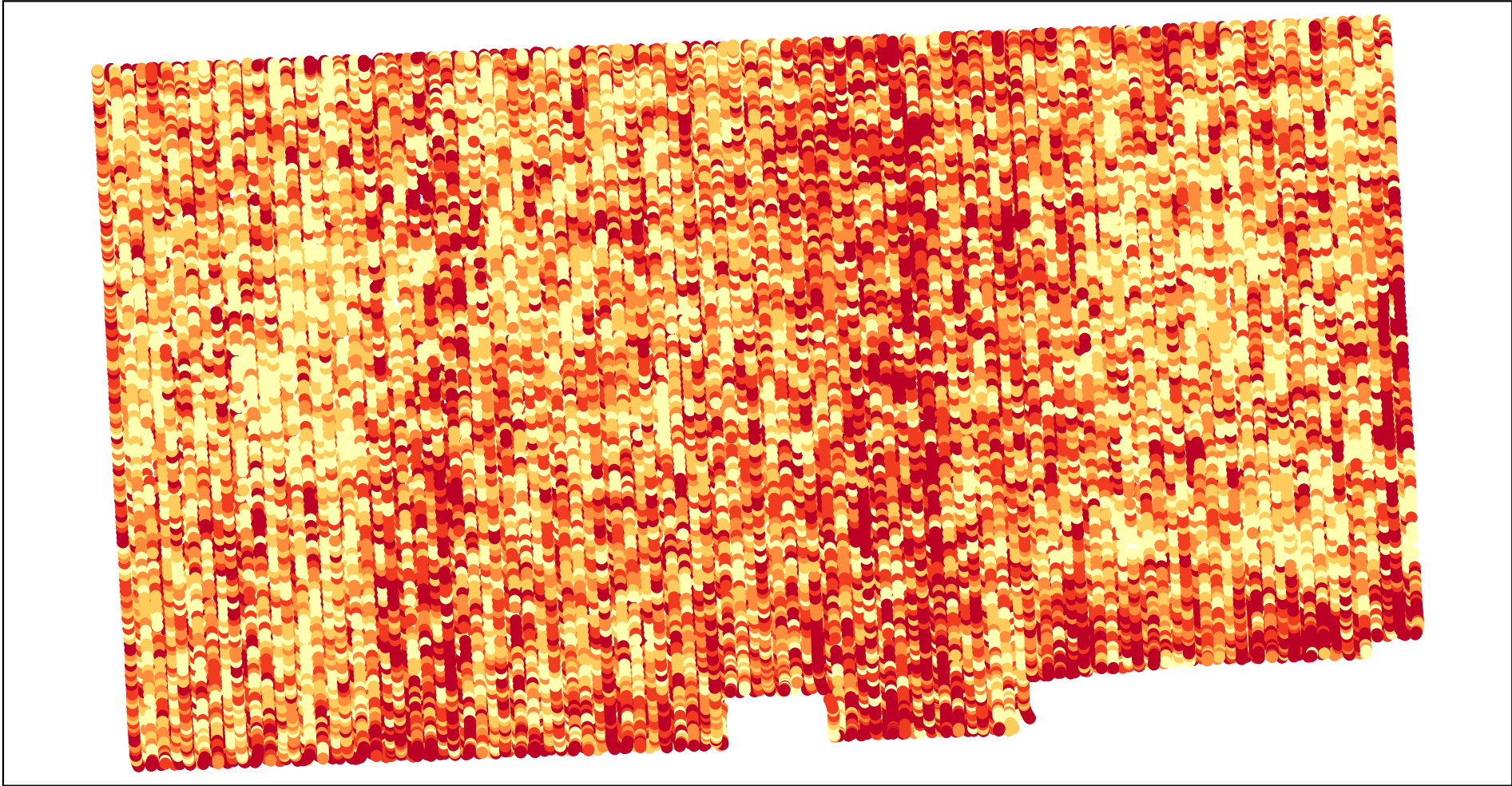


Client	Orchard	Block	Crop	Stage	Scan Date
Columbia Reach	Chiawana	661	Apples	preharvest	8/6/2021

Mean	Target	CV	Acres
65.52 [degrees/30 ft]	xyz [degrees/30 ft]	13 [%]	19.37

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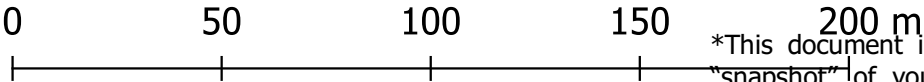
661 : Hue - Red



- Hue [degrees]
- 9.89-49.27
 - 49.28-58.33
 - 58.34-67.44
 - 67.45-78.39
 - >78.405

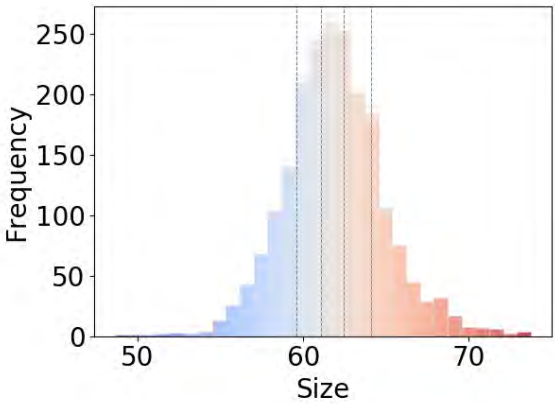
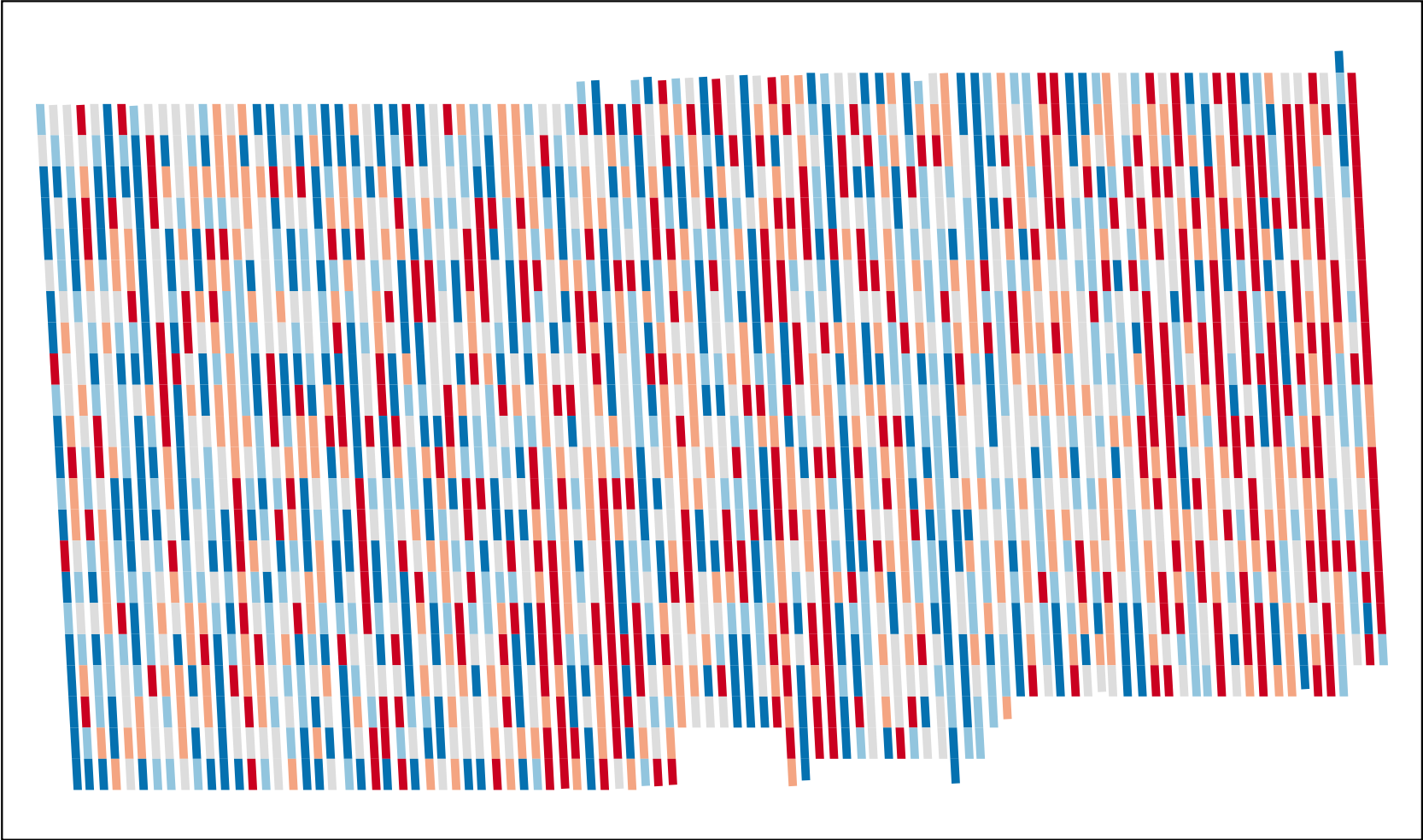
Client	Orchard	Block	Crop	Stage	Scan Date
Columbia Reach	Chiawana	661	Apples	preharvest	8/6/2021

Mean	Target	CV	Acres
63.75 [degrees]	xyz [degrees]	24 [%]	19.37

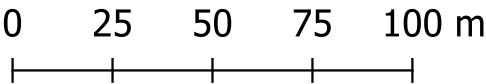


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661 : Size



- Size [mm/30 ft]
- 48.65-59.57
 - 59.58-61.09
 - 61.1-62.45
 - 62.46-64.12
 - >64.13

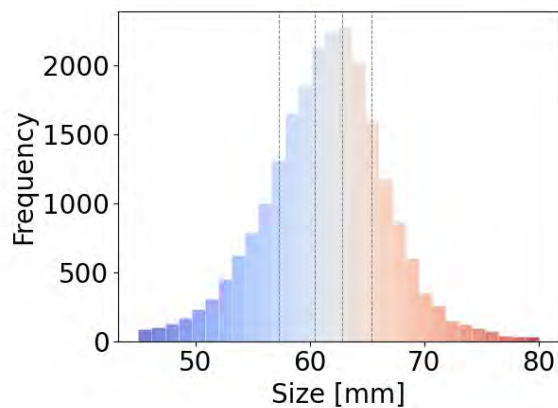
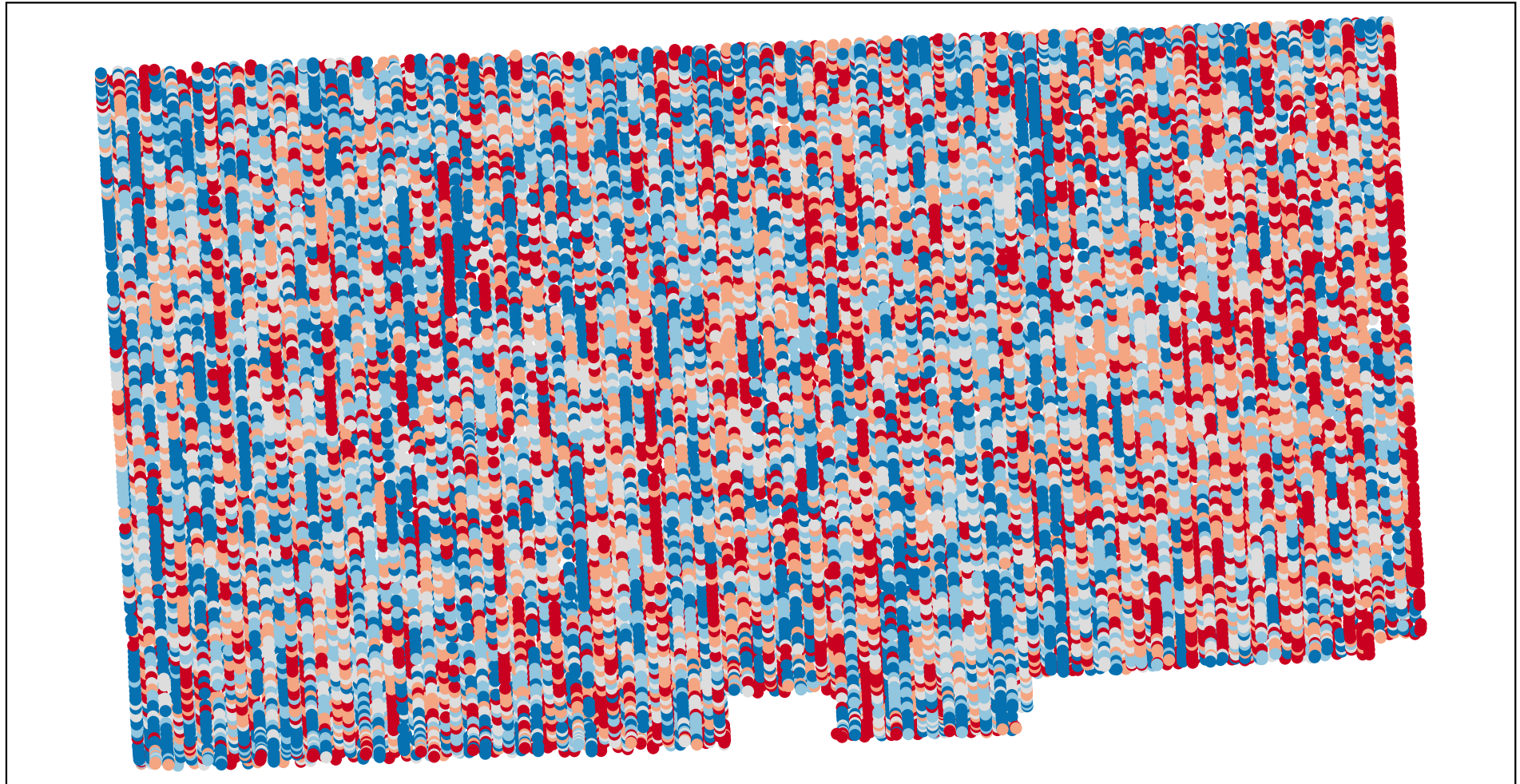


Client	Orchard	Block	Crop	Stage	Scan Date
Columbia Reach	Chiawana	661	Apples	preharvest	8/6/2021

Mean	Target	CV	Acres
61.87 [mm/30 ft]	xyz [mm/30 ft]	4 [%]	19.37

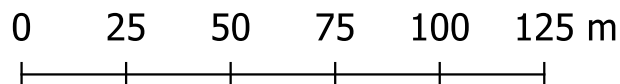
*This document is designed to provide you a “snapshot” of your field at a glance. Legend descriptions are not recommendations.

661 : Size



Size [mm]

- 45.03-57.32
- 57.33-60.39
- 60.4-62.8
- 62.8-65.41
- >65.422

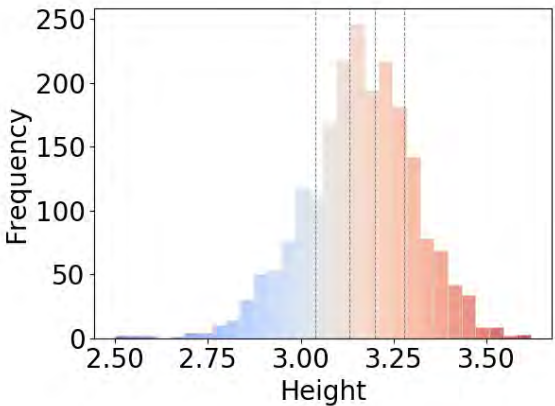
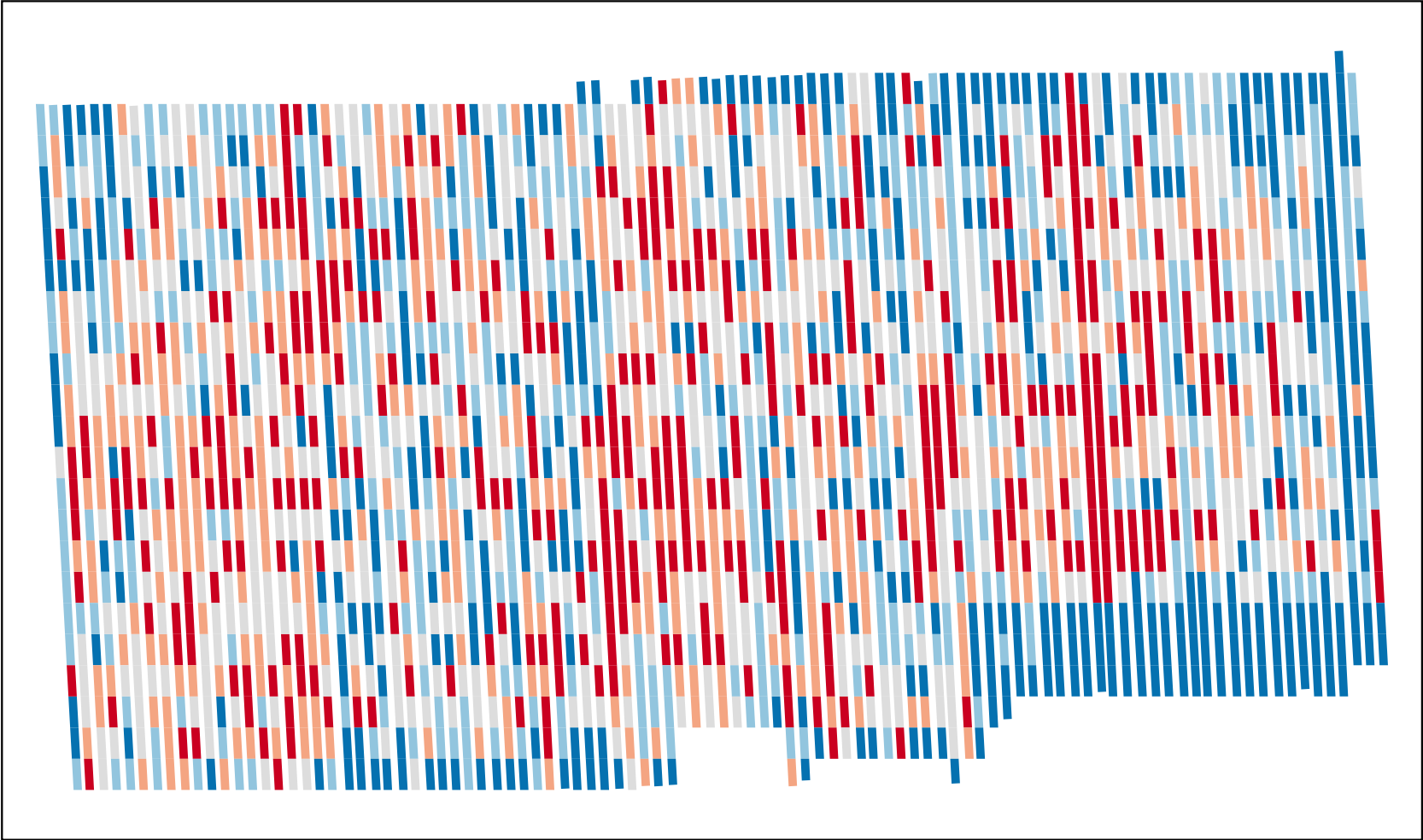


Client	Orchard	Block	Crop	Stage	Scan Date
Columbia Reach	Chiawana	661	Apples	preharvest	8/6/2021

Mean	Target	CV	Acres
61.38 [mm]	xyz [mm]	8 [%]	19.37

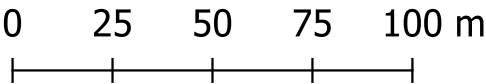
*This document is designed to provide you a "snapshot" of your field at a glance. Legend descriptions are not recommendations.

661 : Height



Height [m/30 ft]

- 2.5-3.04
- 3.05-3.13
- 3.14-3.2
- 3.21-3.28
- >3.29

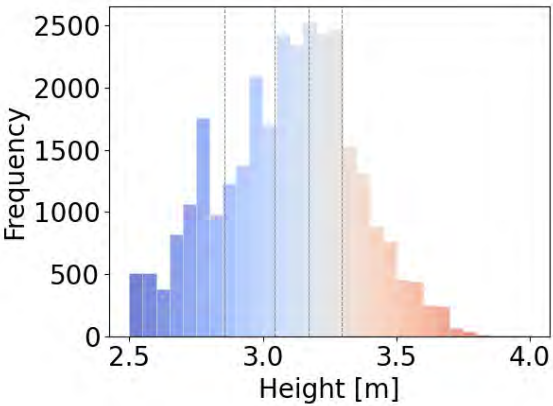
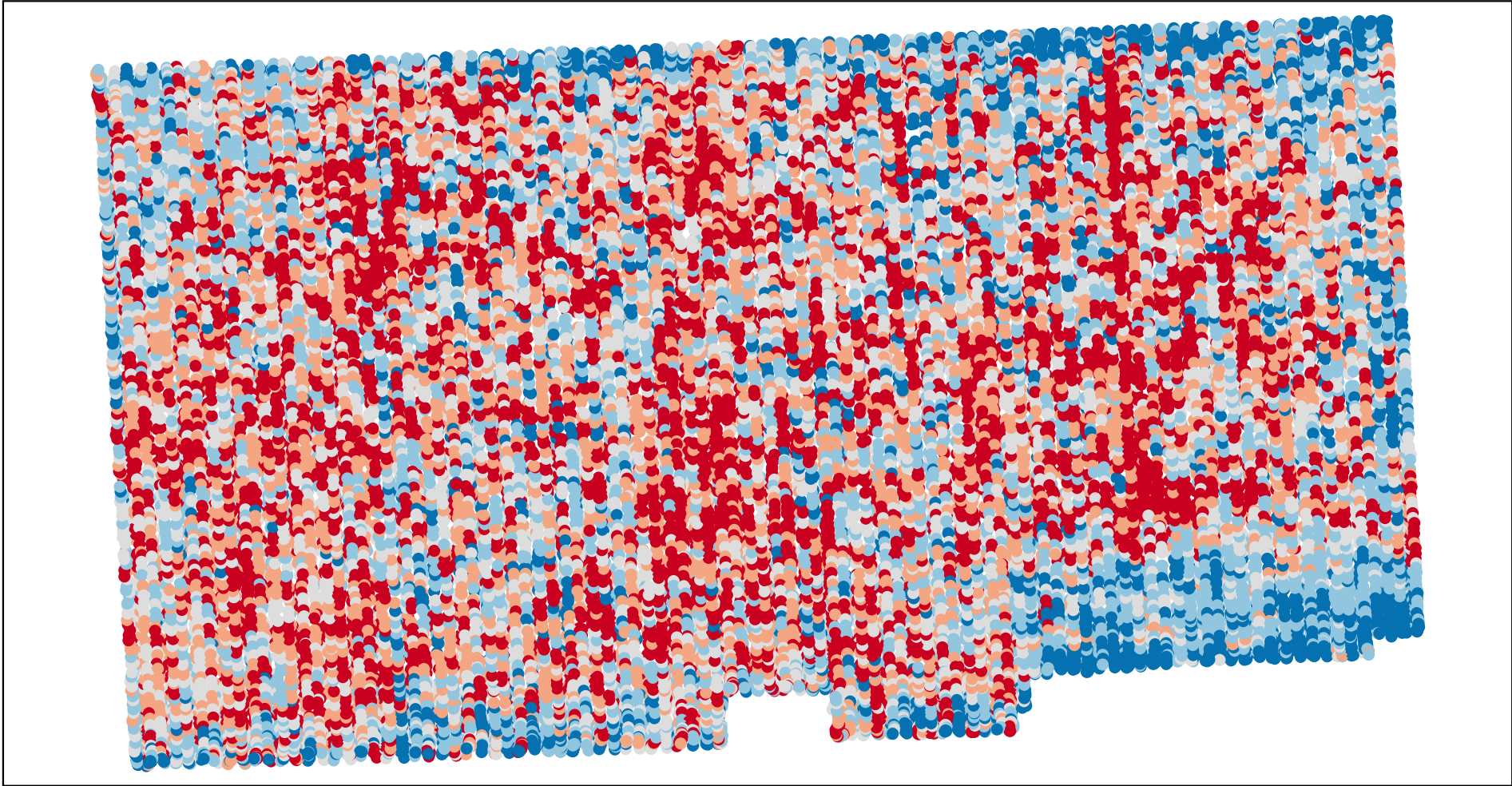


Client	Orchard	Block	Crop	Stage	Scan Date
Columbia Reach	Chiawana	661	Apples	preharvest	8/6/2021

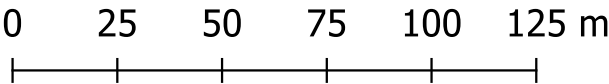
Mean	Target	CV	Acres
3.16 [m/30 ft]	xyz [m/30 ft]	4 [%]	19.37

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661 : Height



- Height [m]
- 2.5-2.85
 - 2.86-3.04
 - 3.05-3.17
 - 3.18-3.3
 - >3.306

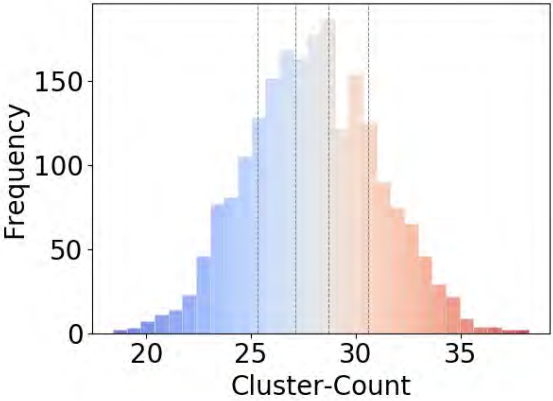
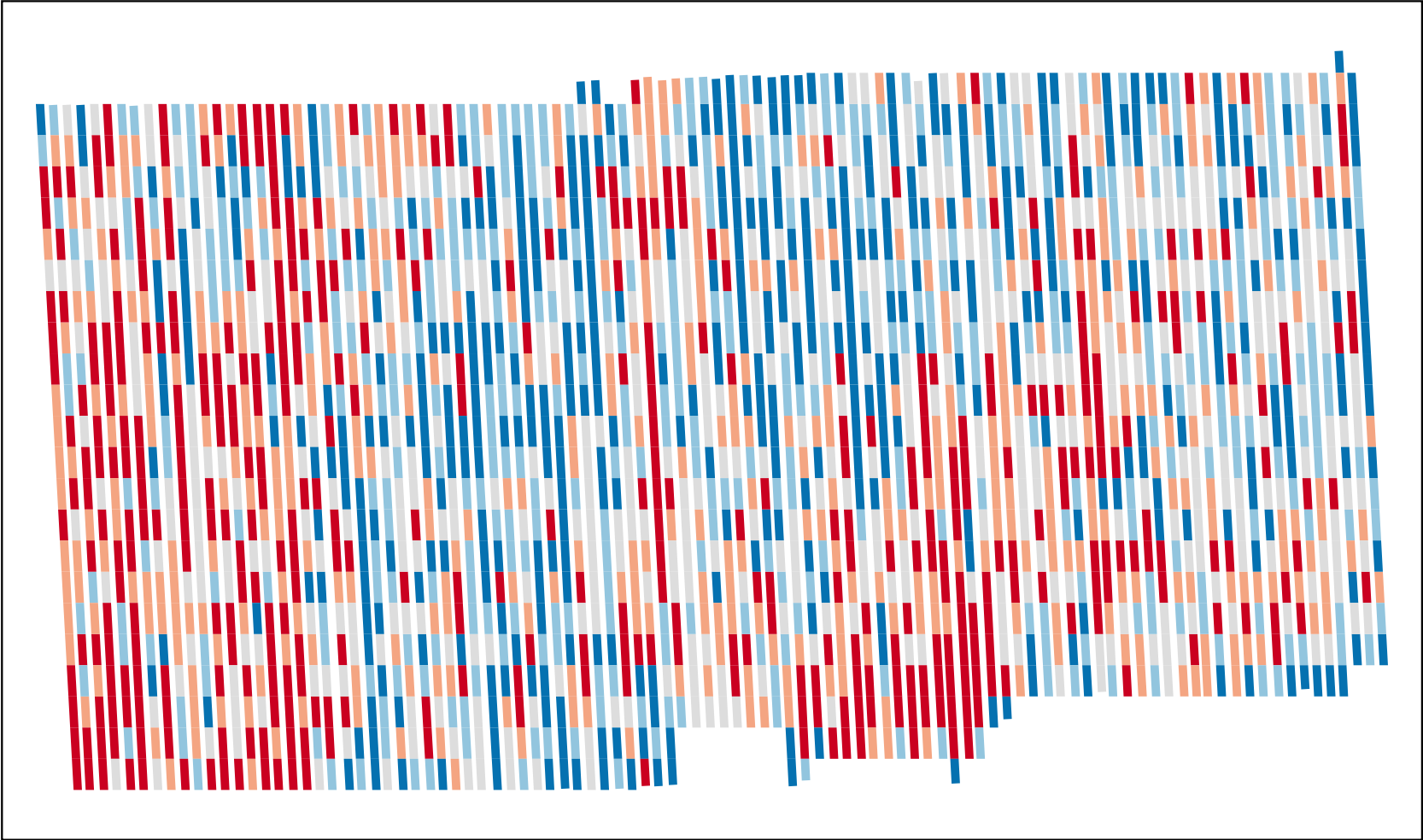


Client	Orchard	Block	Crop	Stage	Scan Date
Columbia Reach	Chiawana	661	Apples	preharvest	8/6/2021

Mean	Target	CV	Acres
3.09 [m]	xyz [m]	8 [%]	19.37

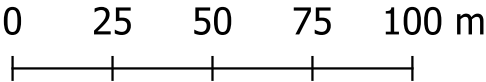
*This document is designed to provide you a “snapshot” of your field at a glance. Legend descriptions are not recommendations.

661 : Cluster-Count



Cluster-Count [count/30 ft]

- 18.42-25.33
- 25.34-27.11
- 27.12-28.7
- 28.71-30.6
- >30.61

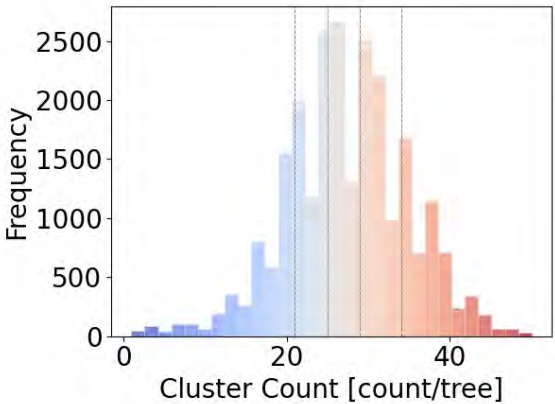
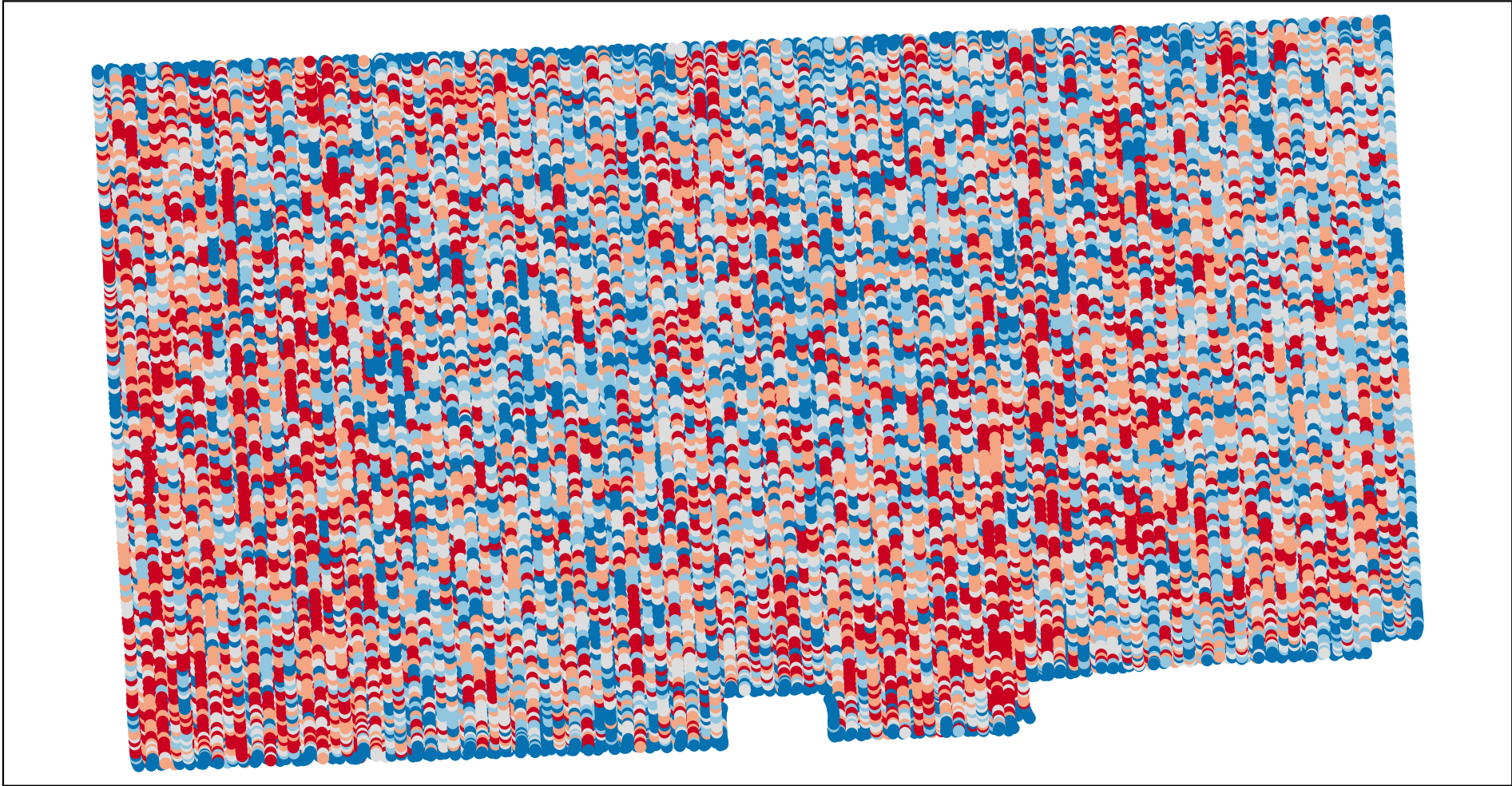


Client	Orchard	Block	Crop	Stage	Scan Date
Columbia Reach	Chiawana	661	Apples	preharvest	8/6/2021

Mean	Target	CV	Acres
27.97 [count/30 ft]	xyz [count/30 ft]	11 [%]	19.37

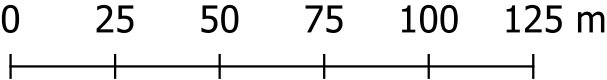
*This document is designed to provide you a “snapshot” of your field at a glance. Legend descriptions are not recommendations.

661 : Cluster Count



Cluster Count [count/tree]

- 1.0-21.0
- 21.01-25.0
- 25.01-29.0
- 29.01-34.0
- >34.01

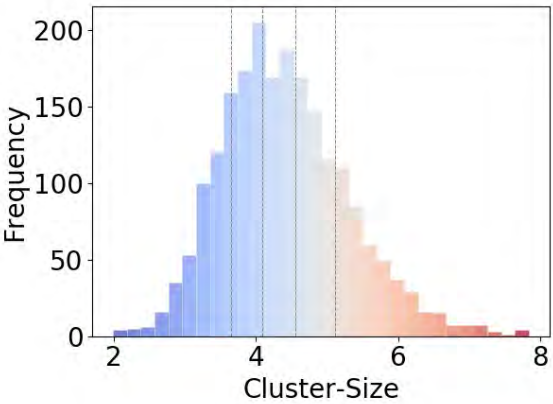
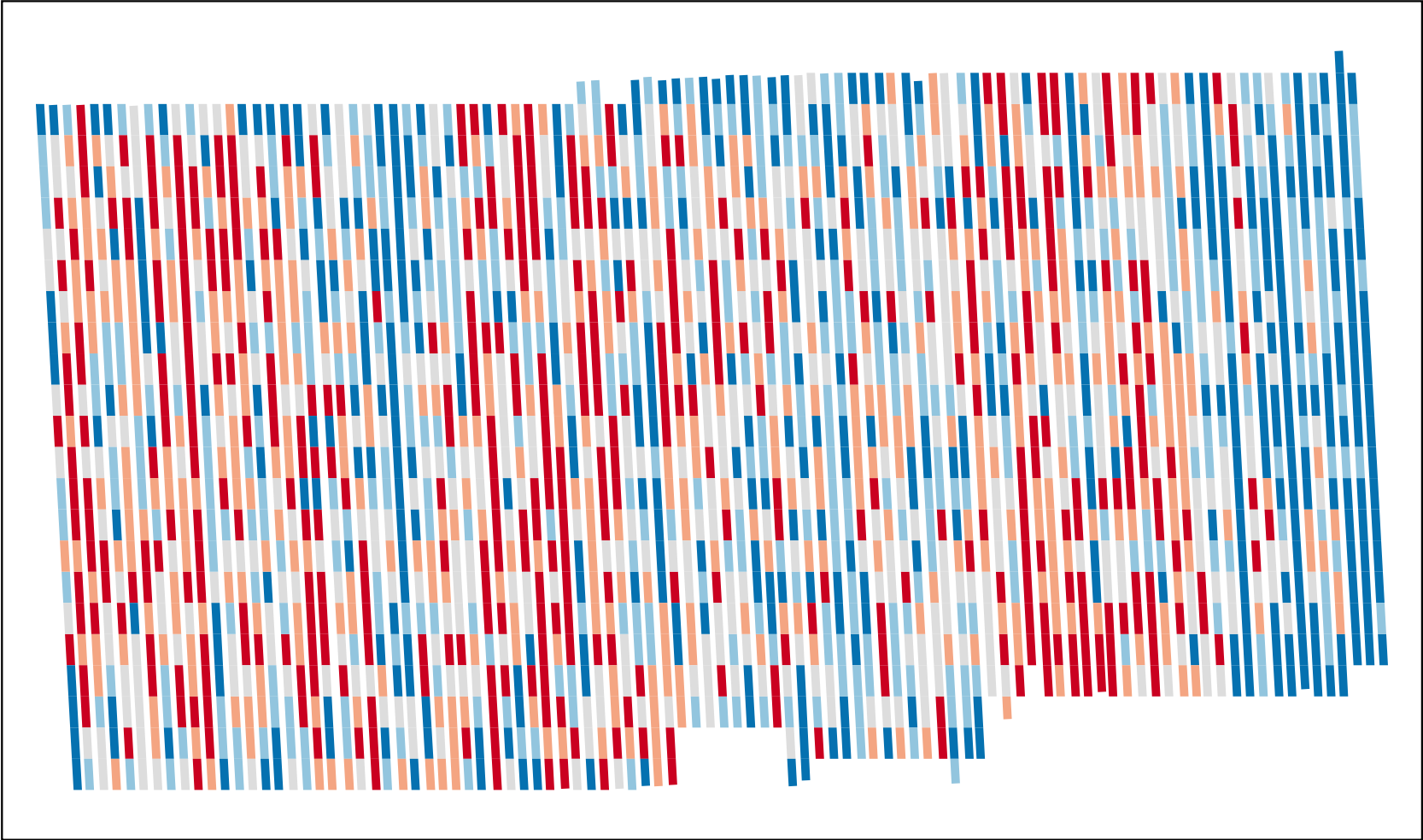


Client	Orchard	Block	Crop	Stage	Scan Date
Columbia Reach	Chiawana	661	Apples	preharvest	8/6/2021

Mean	Target	CV	Acres
27.38 [count/tree]	xyz [count/tree]	27 [%]	19.37

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661 : Cluster-Size

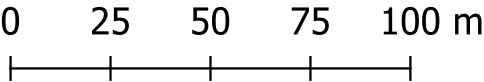


Cluster-Size [count/30 ft]

- 1.99-3.65
- 3.66-4.09
- 4.1-4.55
- 4.56-5.12
- >5.13

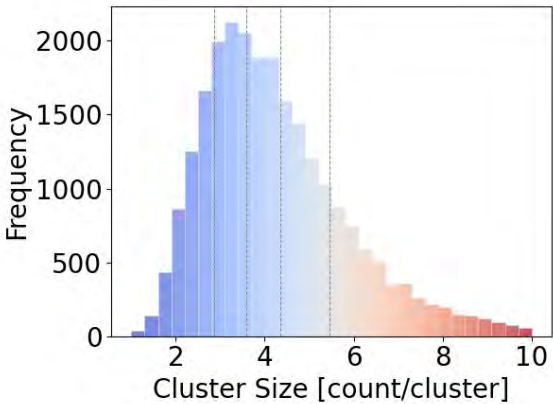
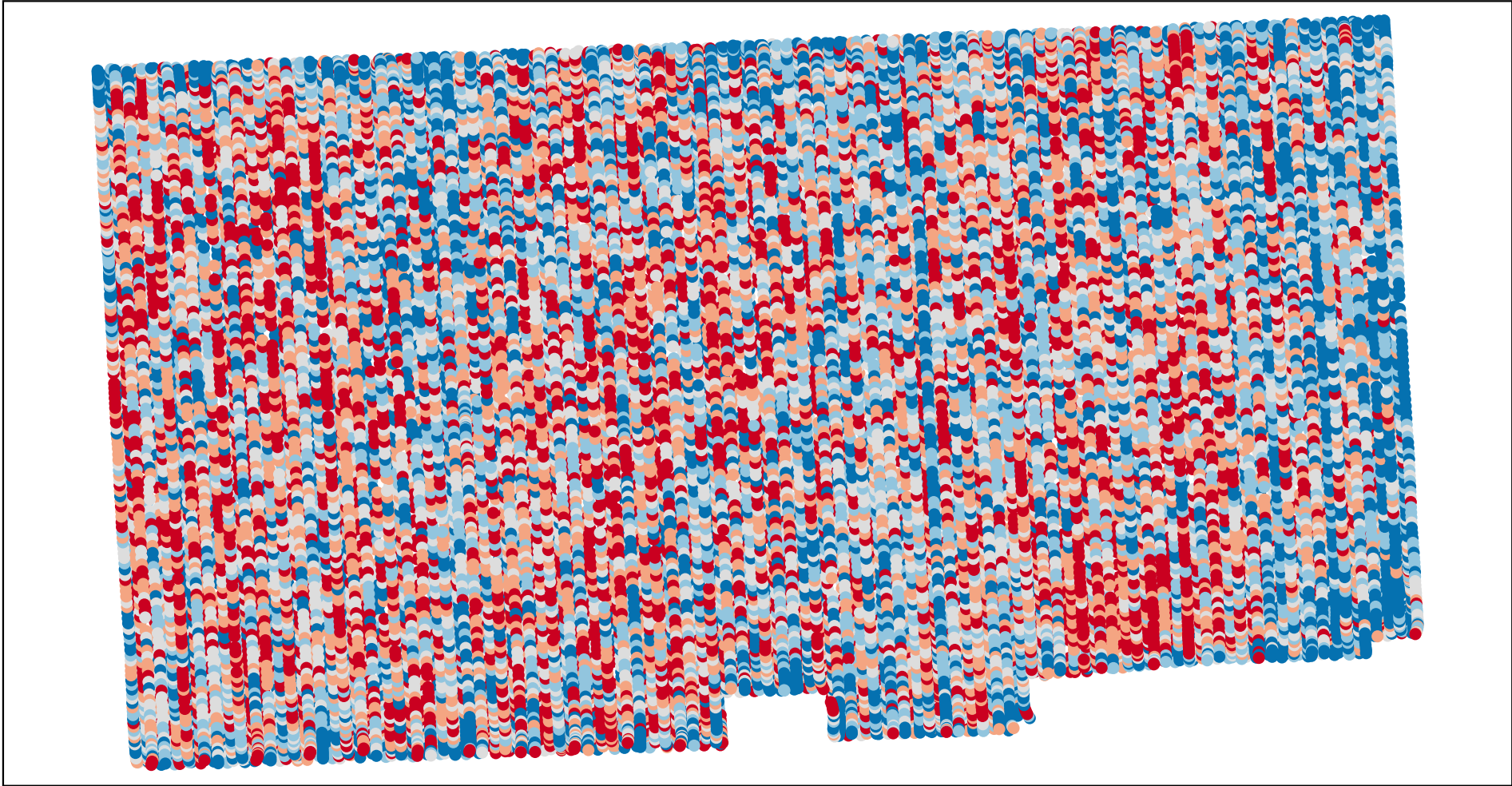
Client	Orchard	Block	Crop	Stage	Scan Date
Columbia Reach	Chiawana	661	Apples	preharvest	8/6/2021

Mean	Target	CV	Acres
4.4 [count/30 ft]	xyz [count/30 ft]	20 [%]	19.37



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661 : Cluster Size

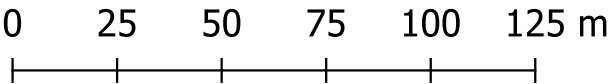


Cluster Size [count/cluster]

- 1.0-2.87
- 2.88-3.58
- 3.59-4.34
- 4.35-5.45
- >5.46

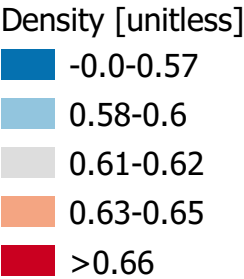
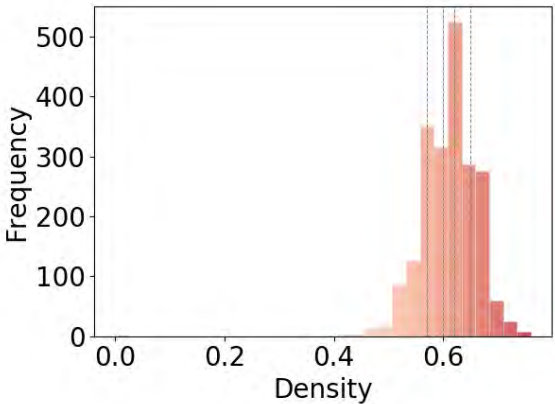
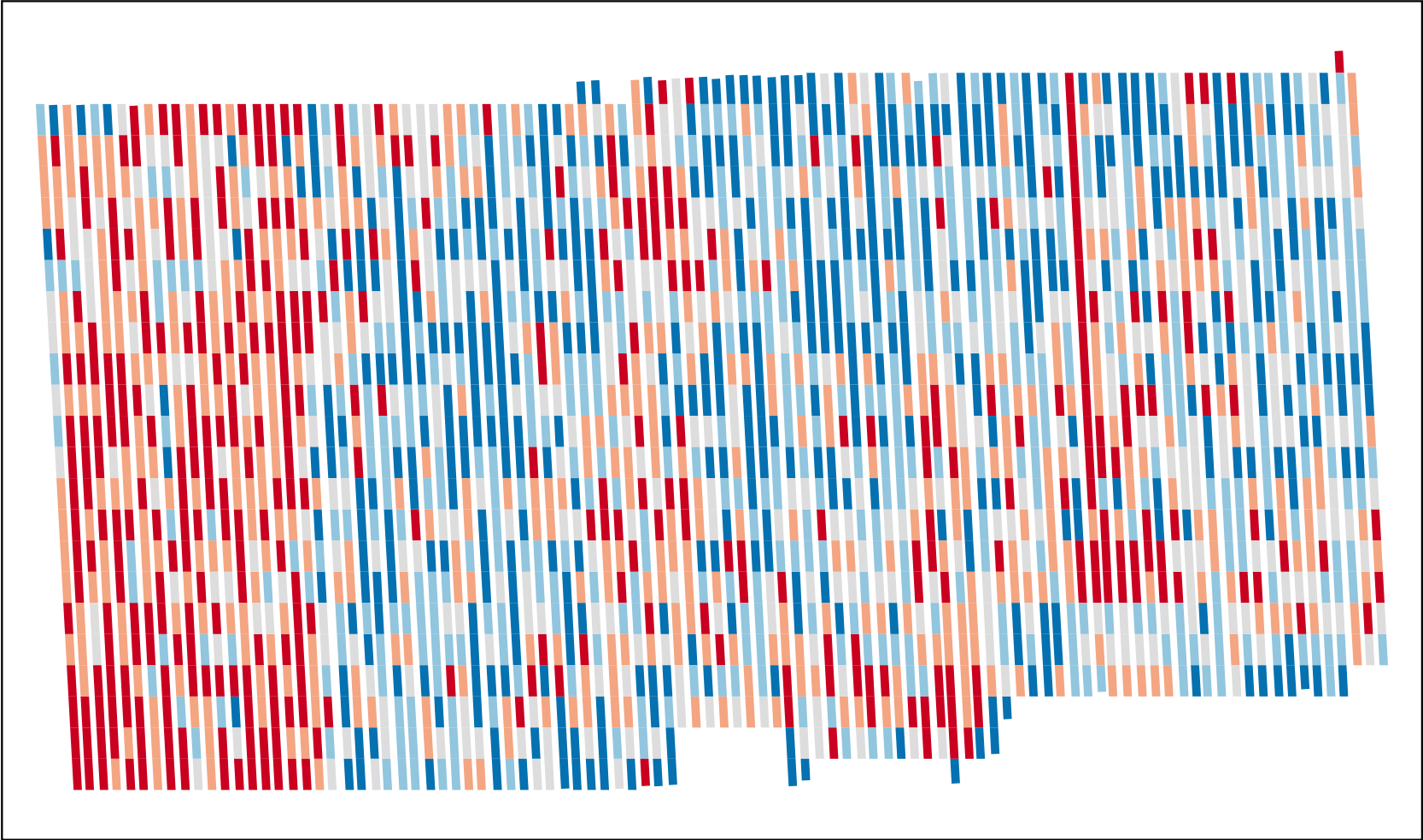
Client	Orchard	Block	Crop	Stage	Scan Date
Columbia Reach	Chiawana	661	Apples	preharvest	8/6/2021

Mean	Target	CV	Acres
4.23 [count/cluster]	xyz [count/cluster]	37 [%]	19.37



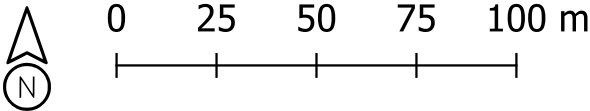
*This document is designed to provide you a “snapshot” of your field at a glance. Legend descriptions are not recommendations.

661 : Density



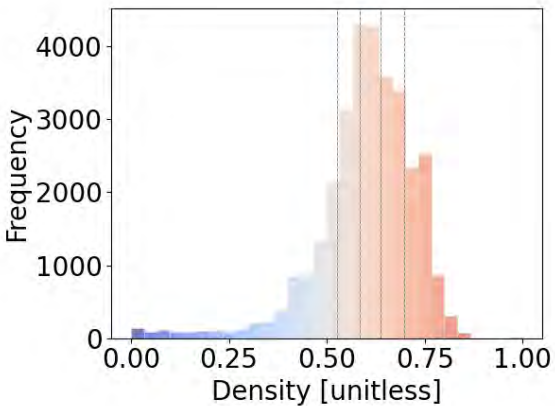
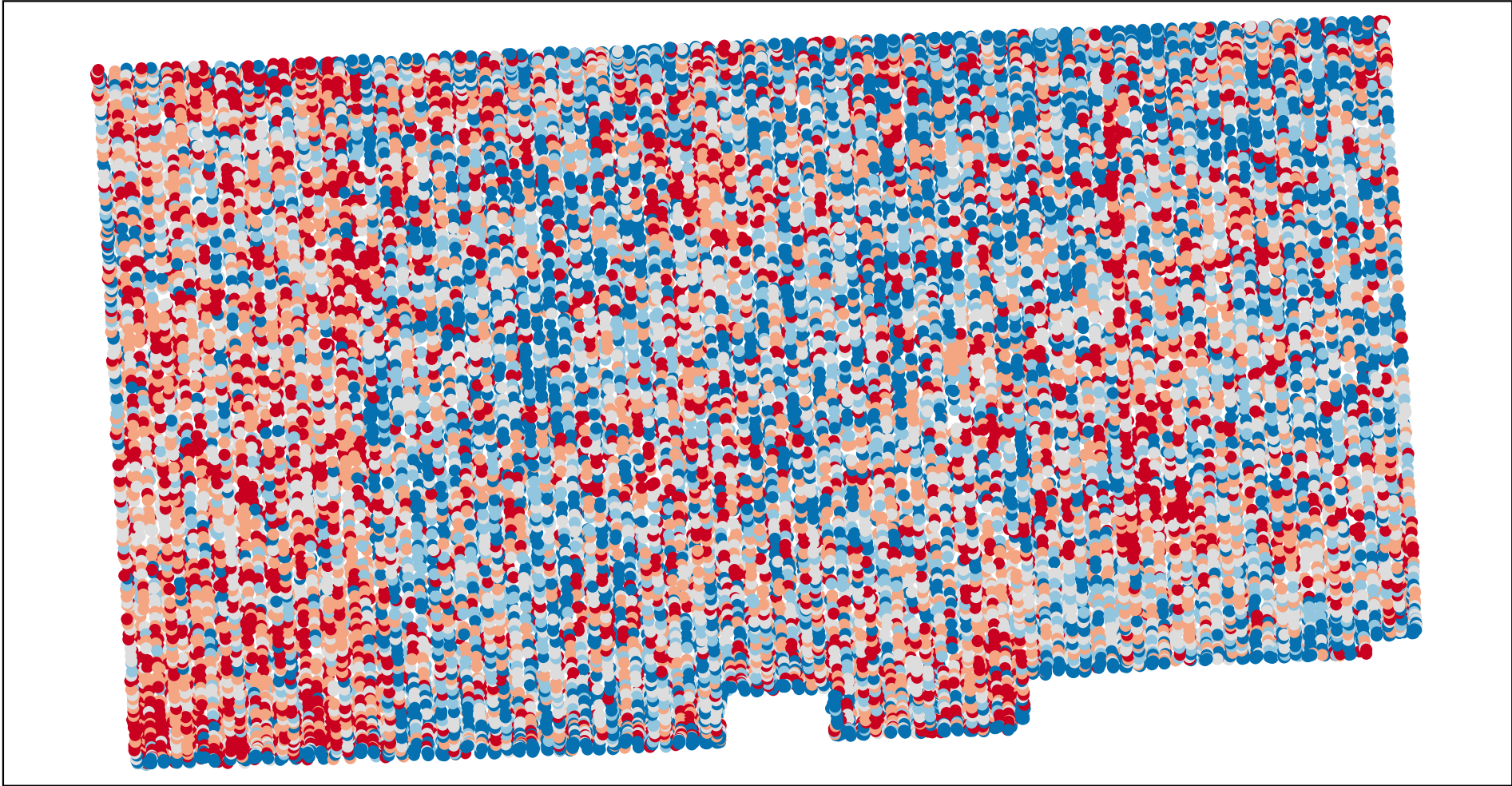
Client	Orchard	Block	Crop	Stage	Scan Date
Columbia Reach	Chiawana	661	Apples	preharvest	8/6/2021

Mean	Target	CV	Acres
0.61 [unitless]	xyz [unitless]	8 [%]	19.37



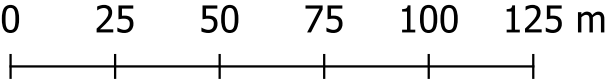
*This document is designed to provide you a “snapshot” of your field at a glance. Legend descriptions are not recommendations.

661 : Density



Density [unitless]

- -0.0-0.53
- 0.54-0.58
- 0.59-0.64
- 0.65-0.7
- >0.708

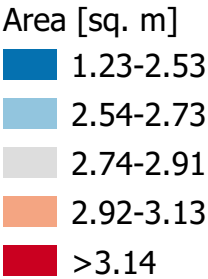
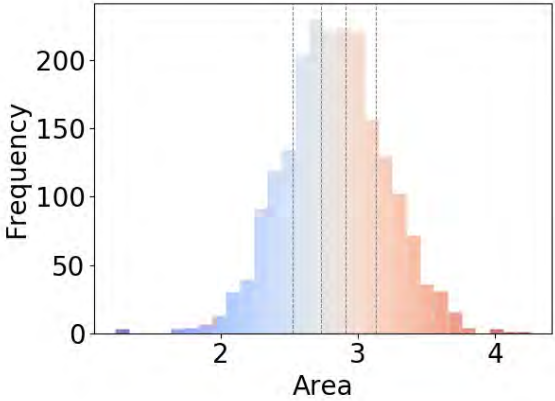
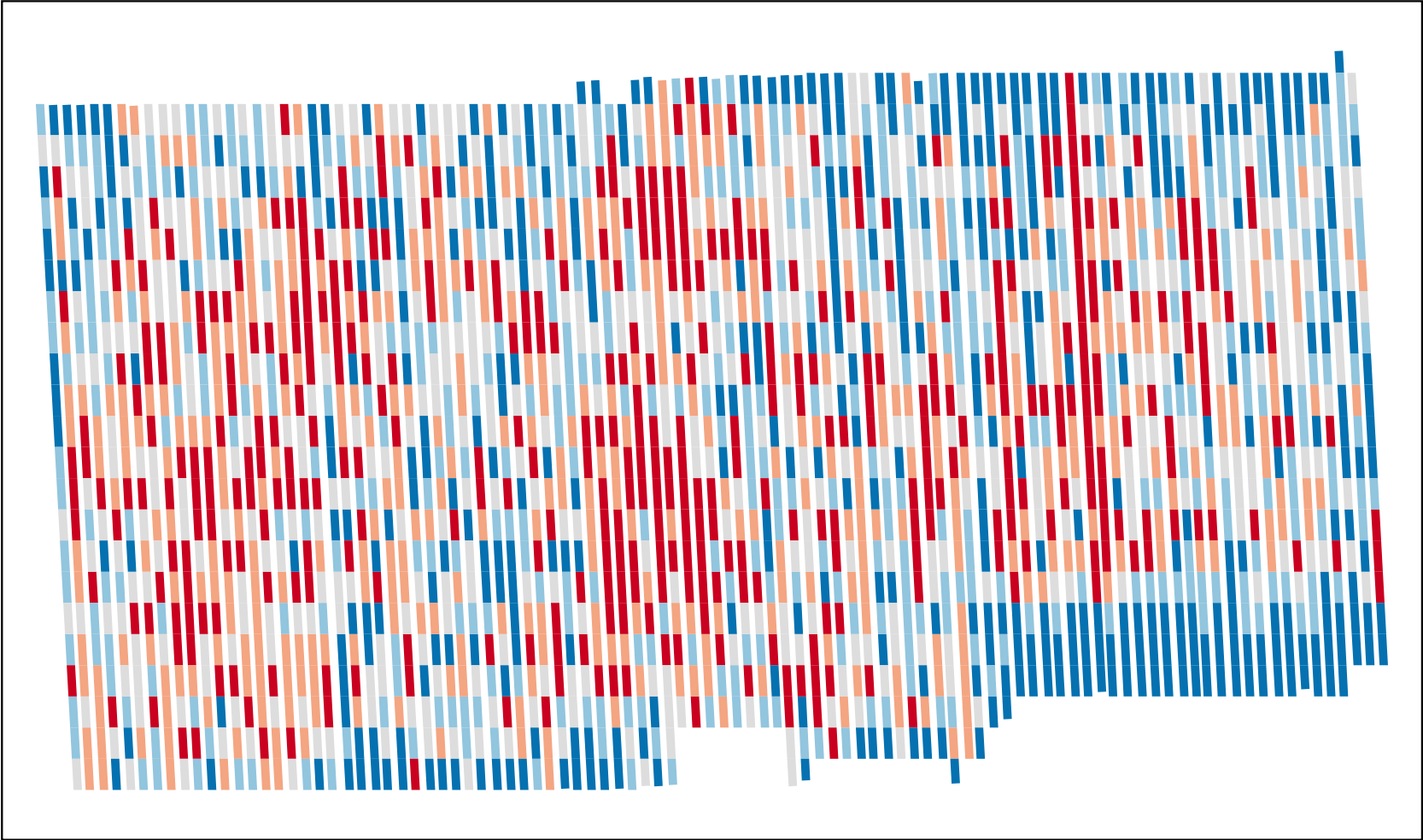


Client	Orchard	Block	Crop	Stage	Scan Date
Columbia Reach	Chiawana	661	Apples	preharvest	8/6/2021

Mean	Target	CV	Acres
0.6 [unitless]	xyz [unitless]	21 [%]	19.37

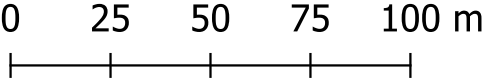
*This document is designed to provide you a “snapshot” of your field at a glance. Legend descriptions are not recommendations.

661 : Area



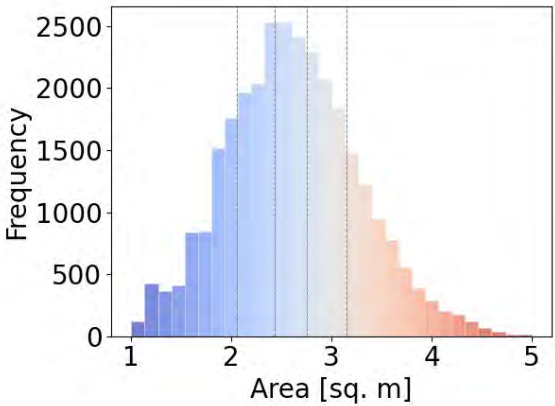
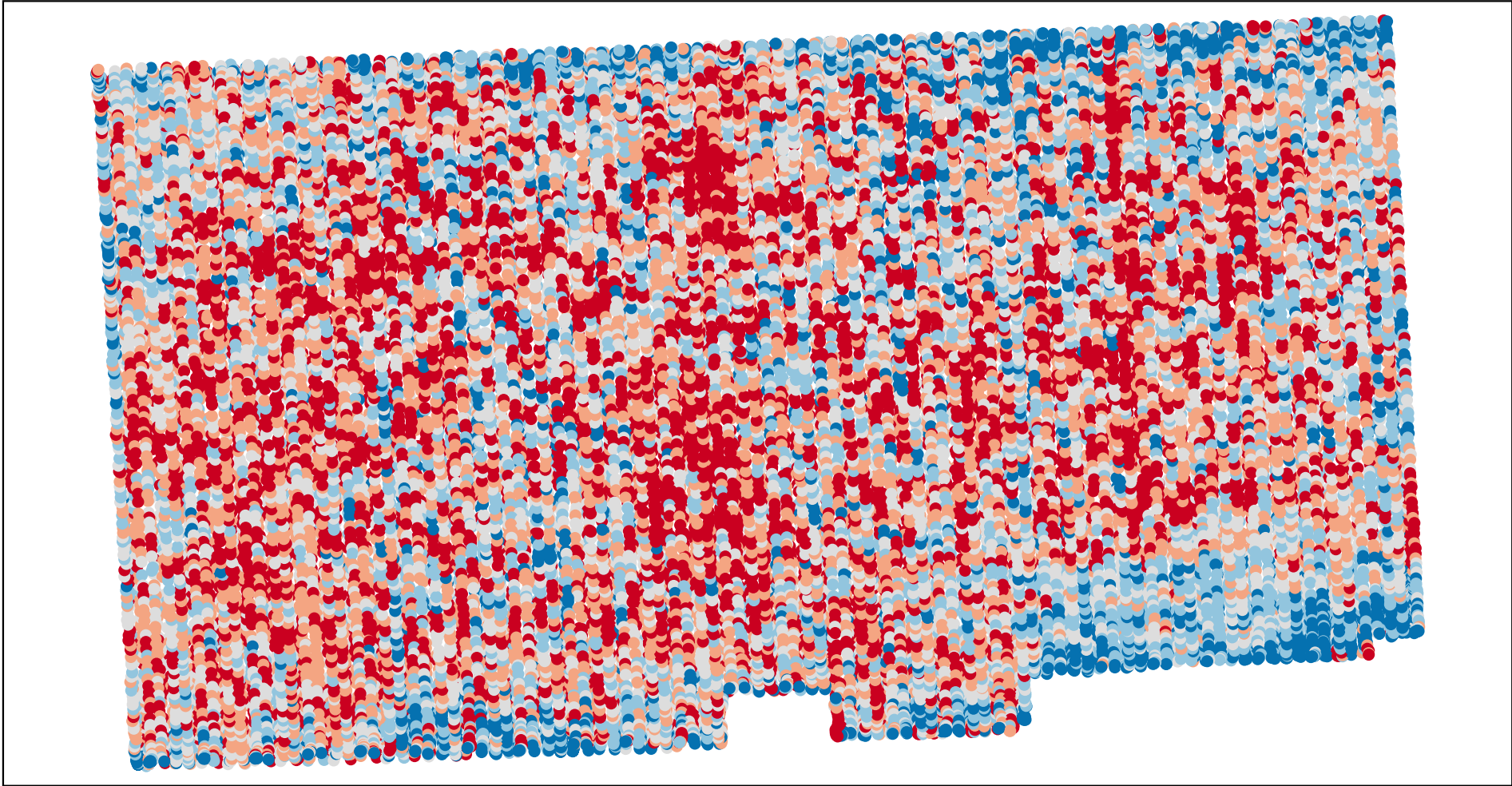
Client	Orchard	Block	Crop	Stage	Scan Date
Columbia Reach	Chiawana	661	Apples	preharvest	8/6/2021

Mean	Target	CV	Acres
2.83 [sq. m]	xyz [sq. m]	13 [%]	19.37



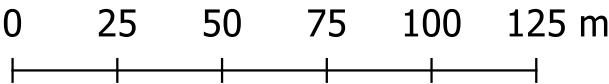
*This document is designed to provide you a “snapshot” of your field at a glance. Legend descriptions are not recommendations.

661 : Area



Area [sq. m]

- 1.0-2.05
- 2.06-2.43
- 2.44-2.76
- 2.77-3.15
- >3.162

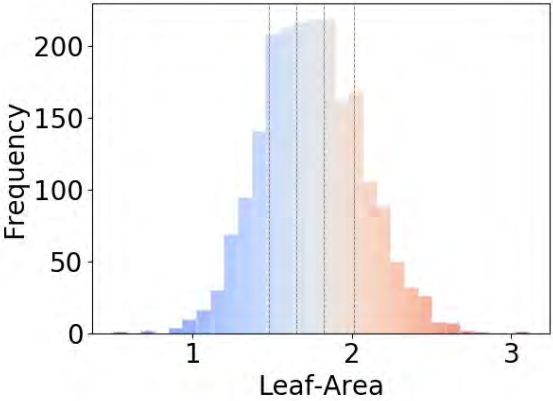
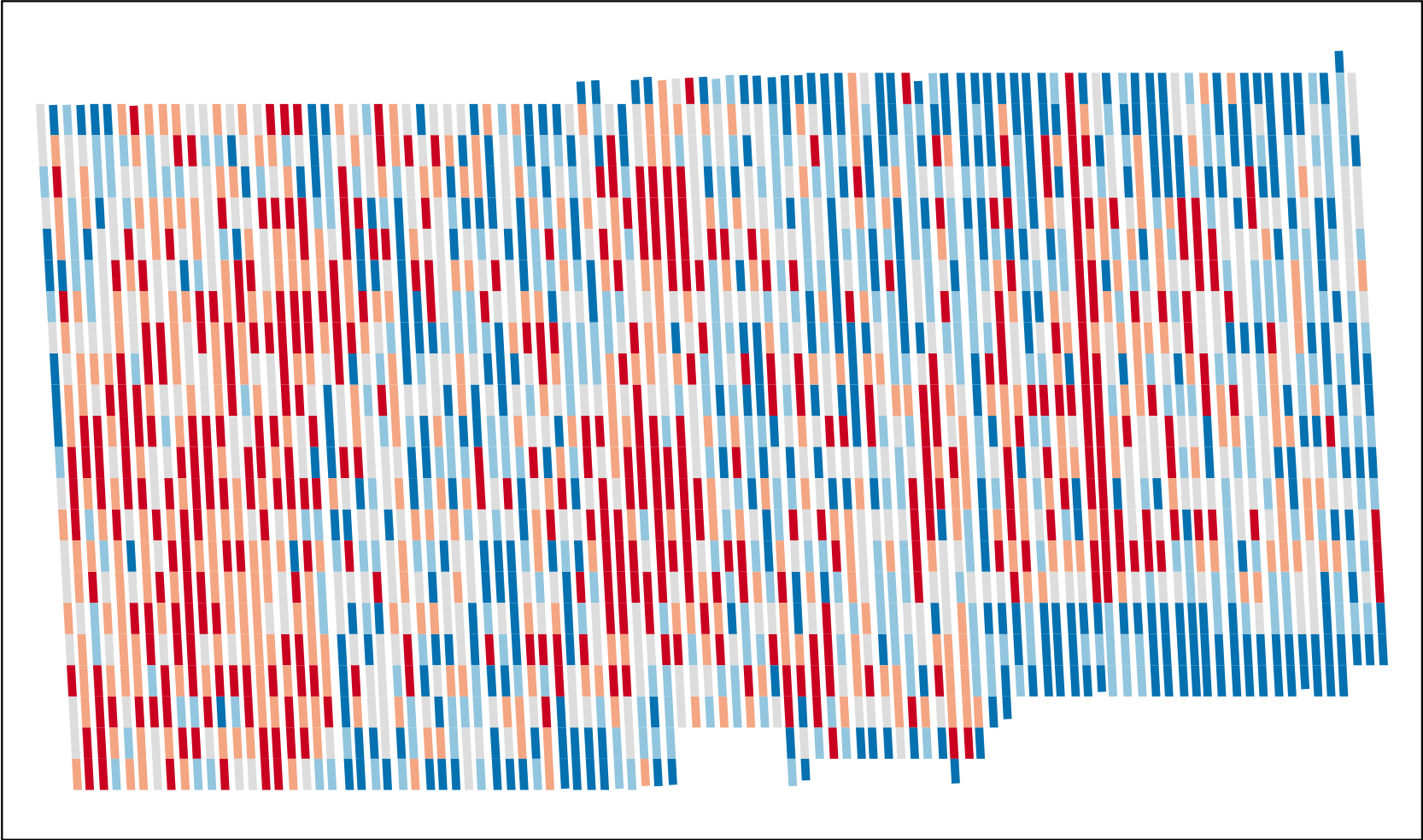


Client	Orchard	Block	Crop	Stage	Scan Date
Columbia Reach	Chiawana	661	Apples	preharvest	8/6/2021

Mean	Target	CV	Acres
2.62 [sq. m]	xyz [sq. m]	25 [%]	19.37

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661 : Leaf-Area



Leaf-Area [unitless]

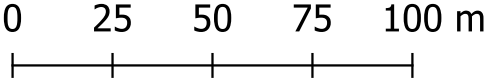
0.5-1.48

1.49-1.65

1.66-1.82

1.83-2.01

>2.02

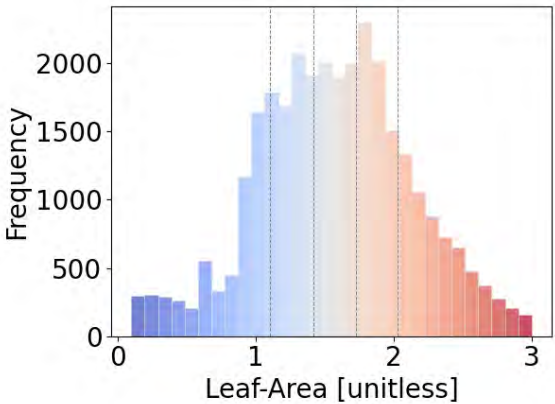
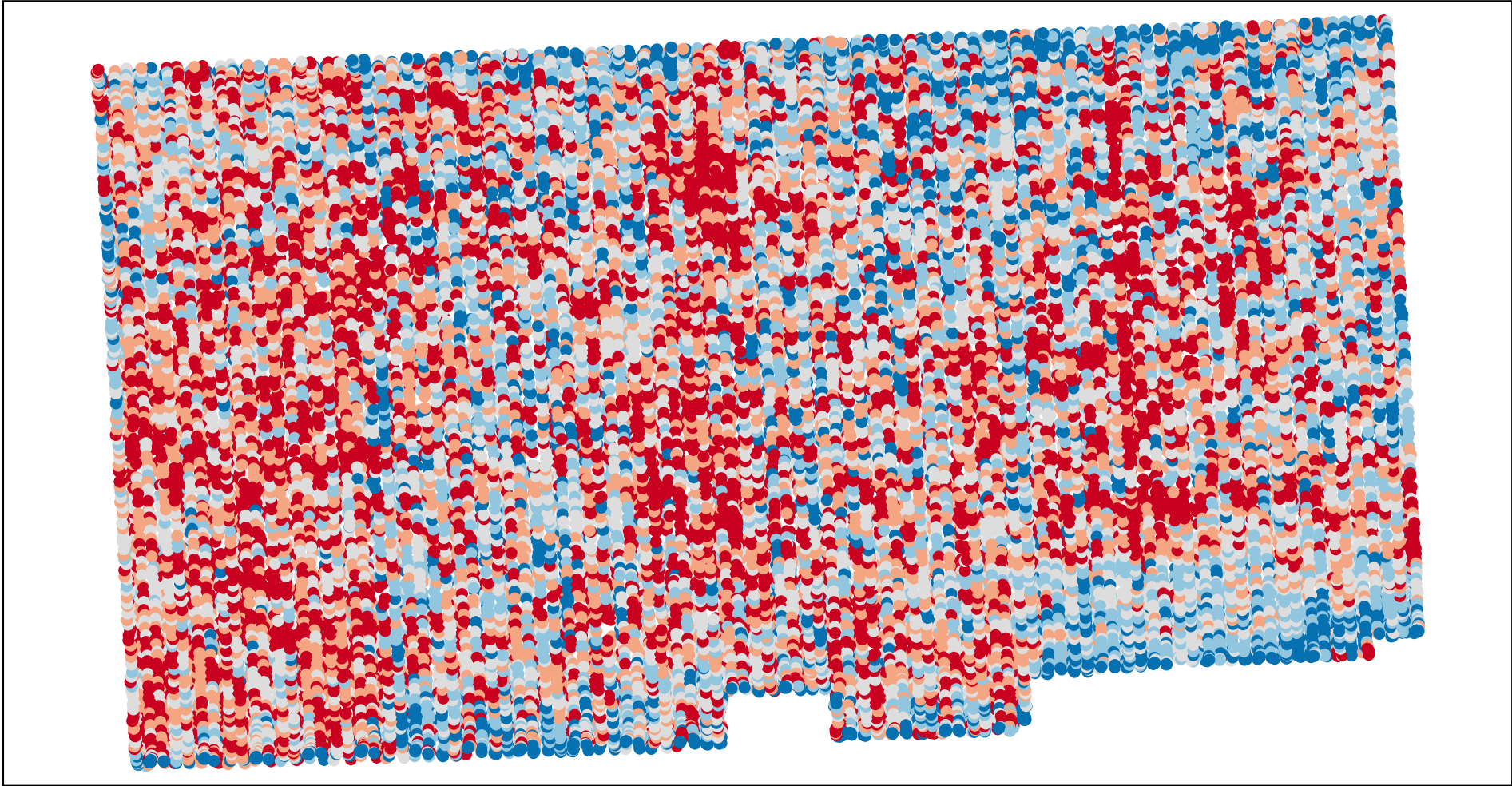


Client	Orchard	Block	Crop	Stage	Scan Date
Columbia Reach	Chiawana	661	Apples	preharvest	8/6/2021

Mean	Target	CV	Acres
1.75 [unitless]	xyz [unitless]	17 [%]	19.37

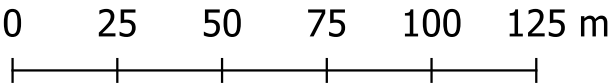
*This document is designed to provide you a "snapshot" of your field at a glance. Legend descriptions are not recommendations.

661 : Leaf-Area



Leaf-Area [unitless]

- 0.1-1.1
- 1.11-1.42
- 1.43-1.73
- 1.74-2.03
- >2.042



Client	Orchard	Block	Crop	Stage	Scan Date
Columbia Reach	Chiawana	661	Apples	preharvest	8/6/2021

Mean	Target	CV	Acres
1.57 [unitless]	xyz [unitless]	35 [%]	19.37

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