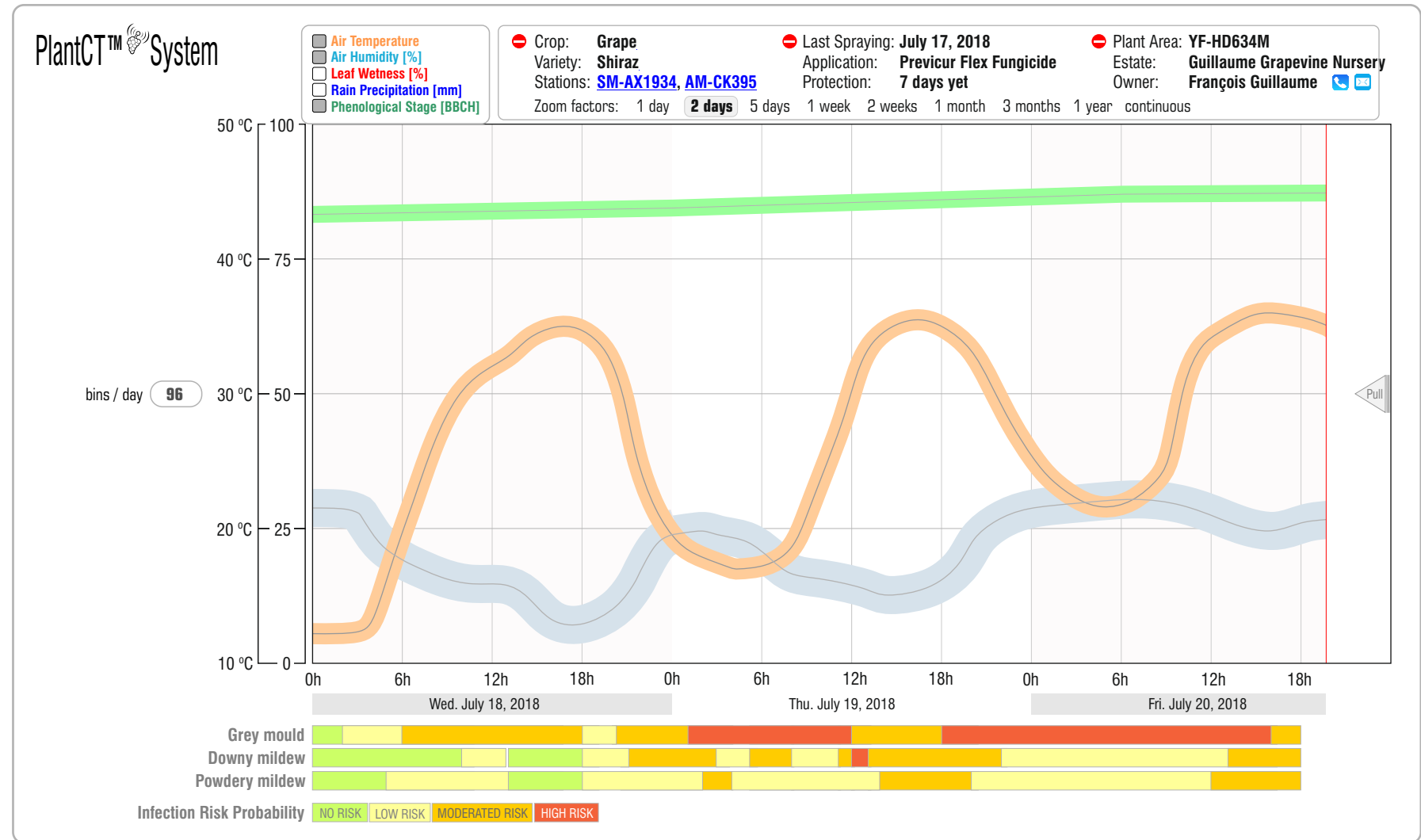


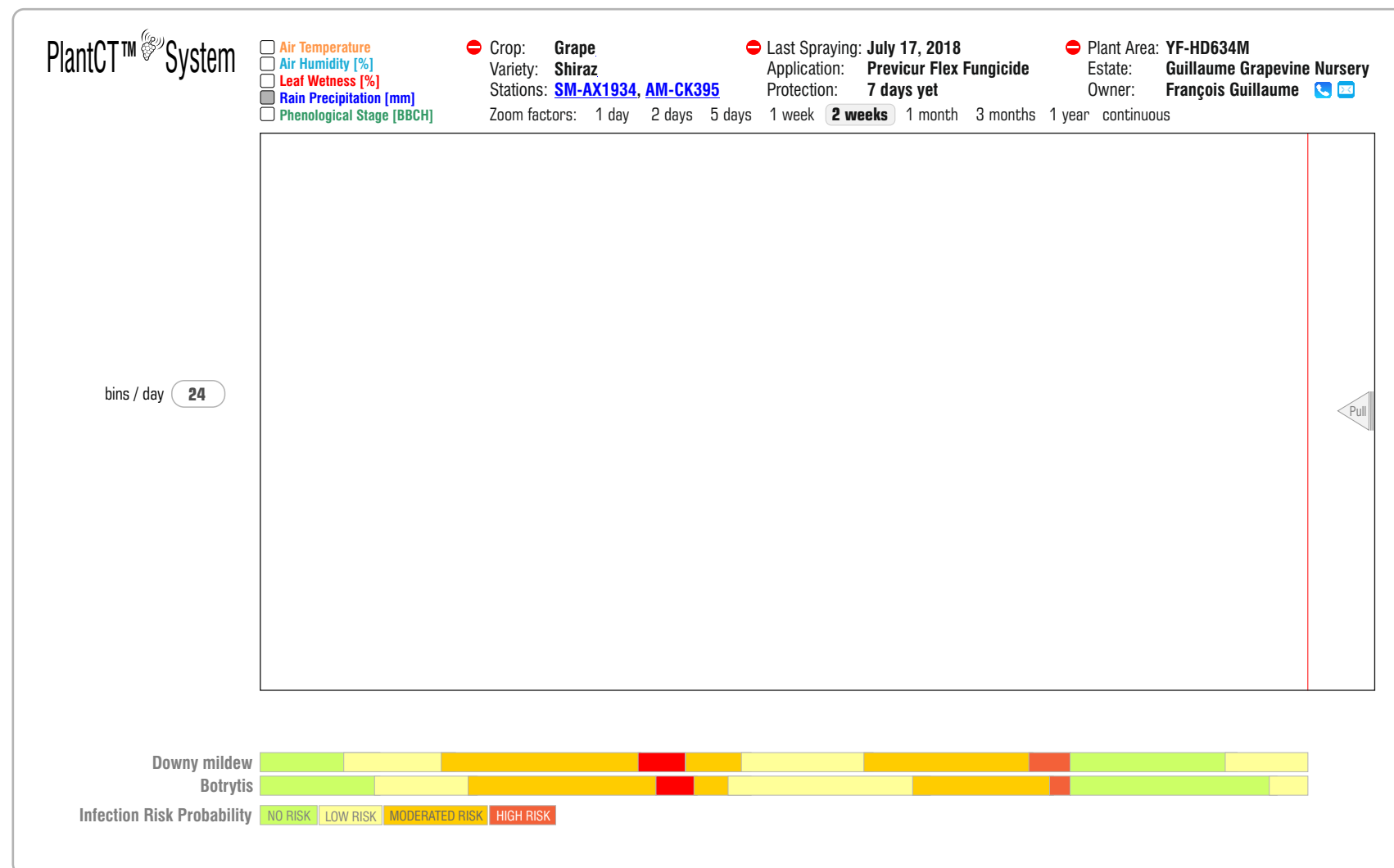
# PlantCT™ System User Interface

## Environmental Factors vs. Infection Risks

Air Temperature, Air Humidity, and Phenological Stage vs. Infection Risks

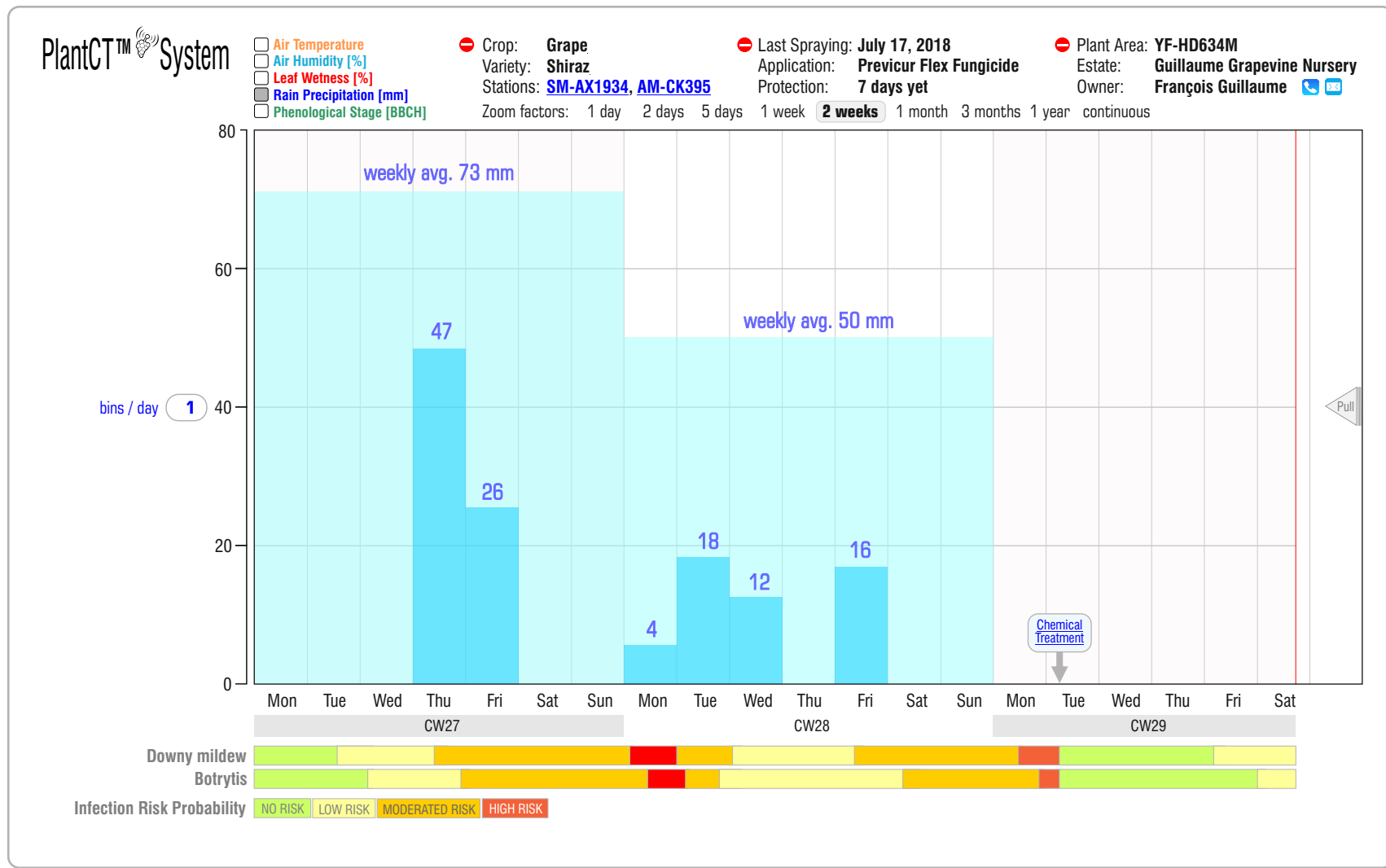


Template Diagram  
(zoom factor = 2 weeks,  
bins/day = 24)

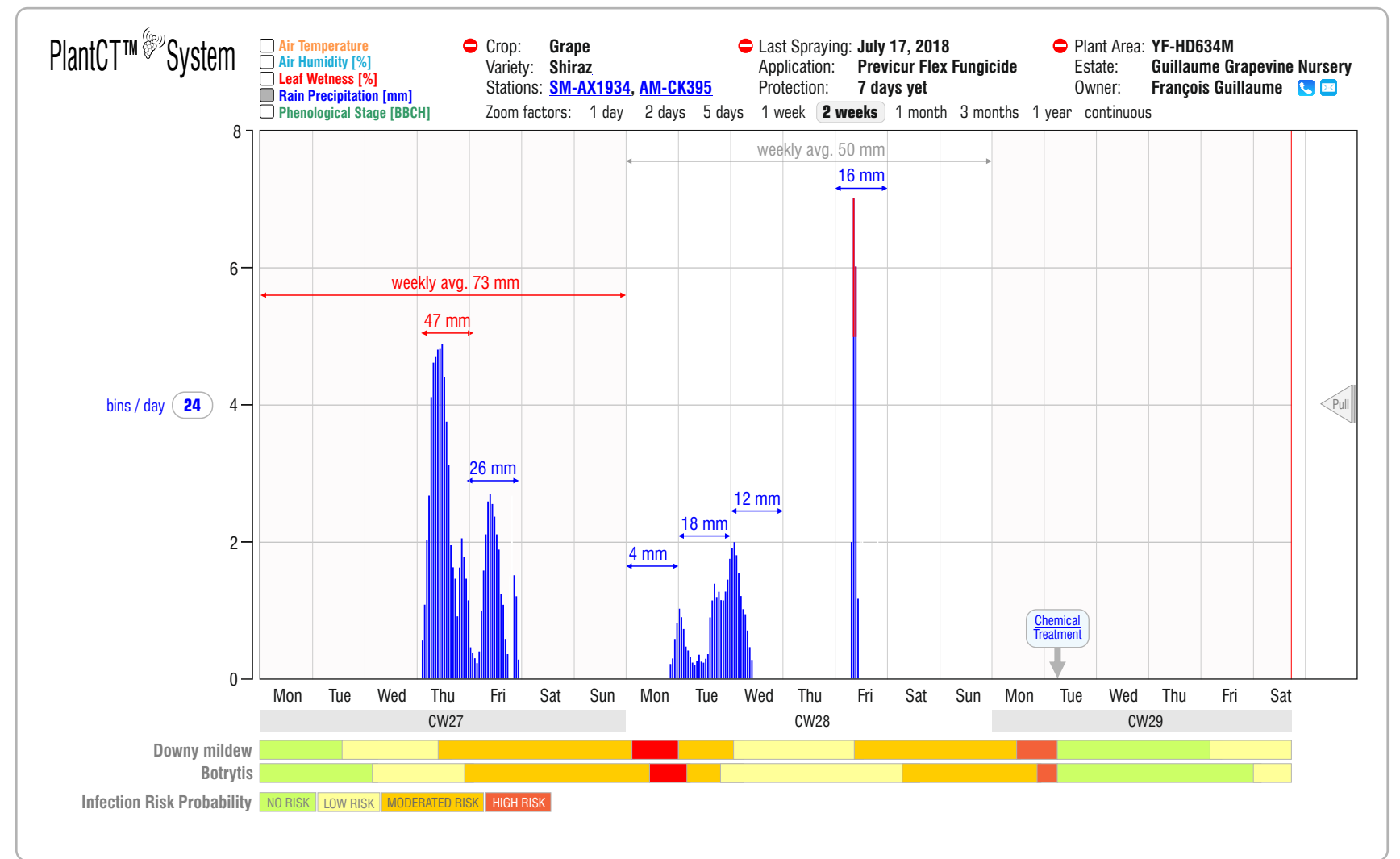


# PlantCT™ System User Interface

## Environmental Factors vs. Infection Risks



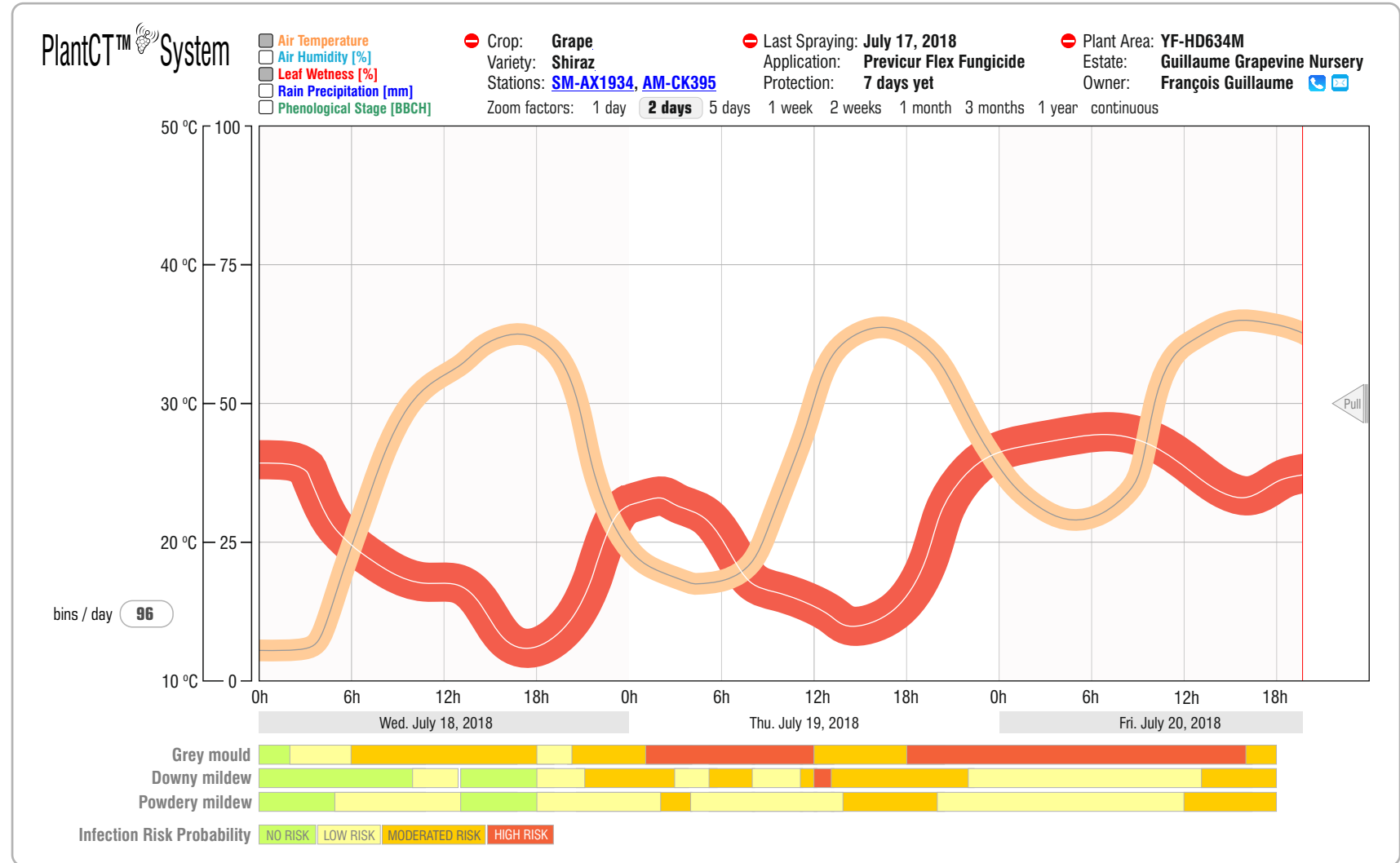
Rain Precipitation vs. Infection Risks



# PlantCT™ System User Interface

## Environmental Factors vs. Infection Risks

Air Temperature, Leaf Wetness, vs. Infection Risks



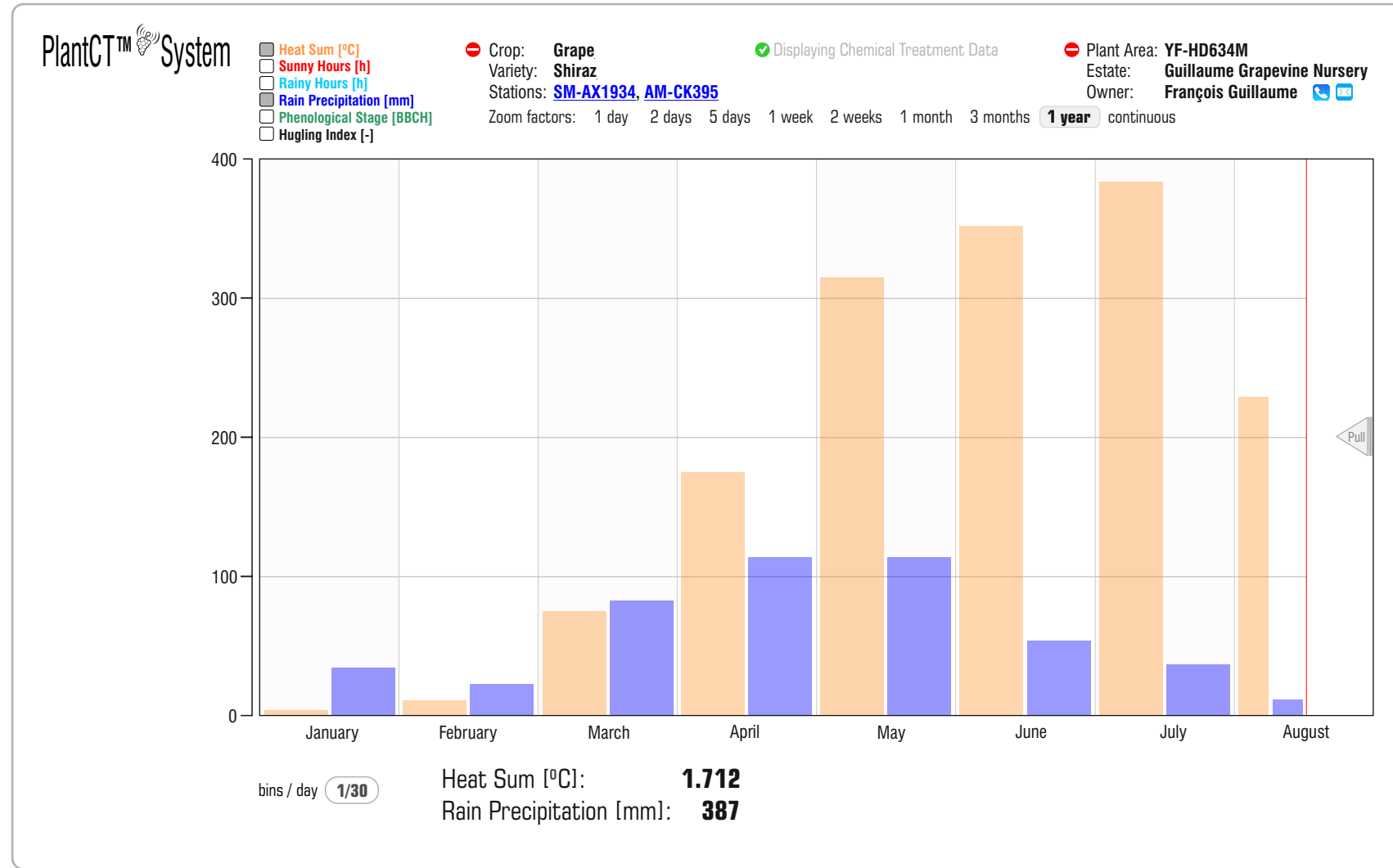
BBCH vs. Infection Risks



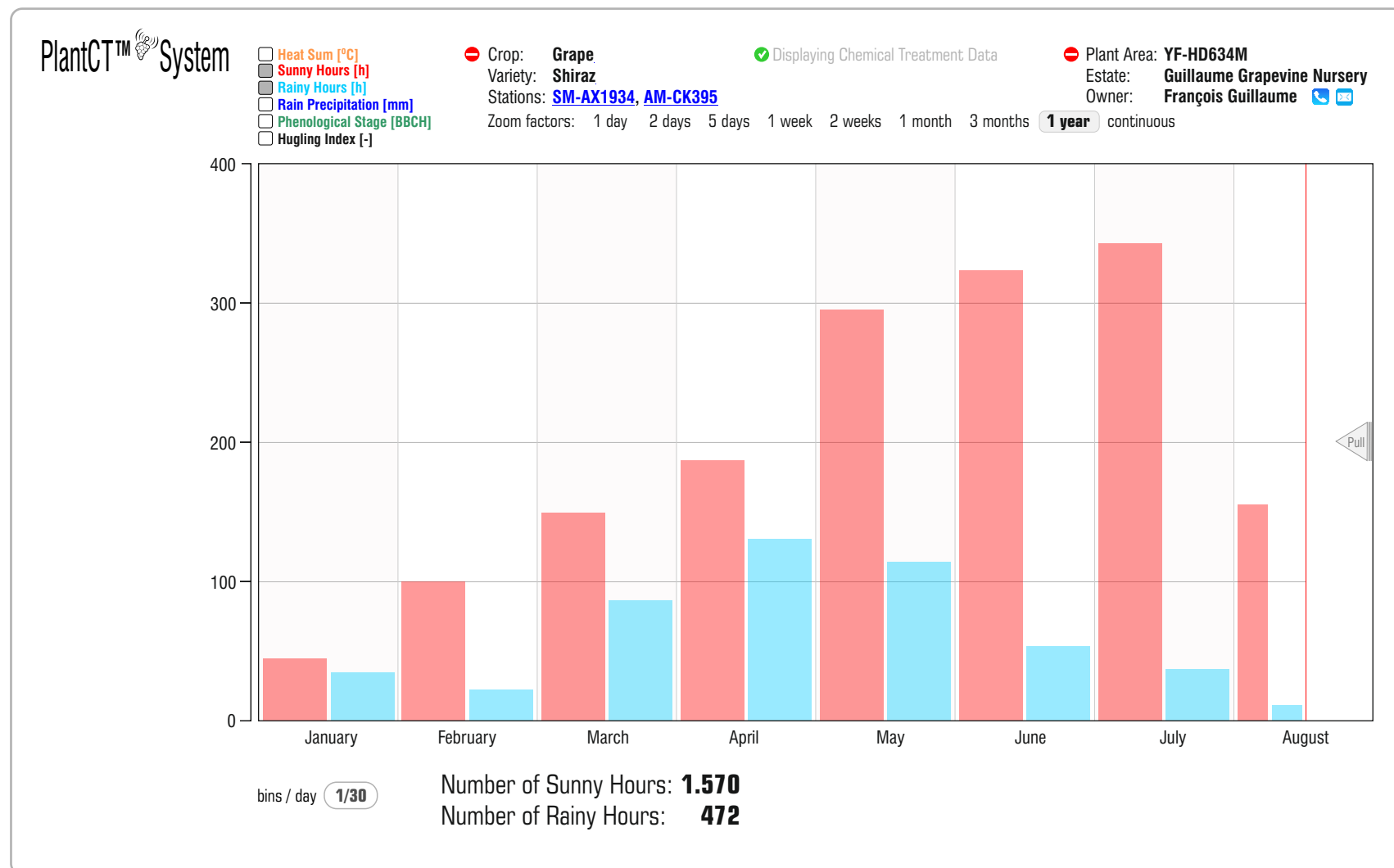
# PlantCT™ System User Interface

## Vintage Analysis for Grapevine

Vintage Analysis for Grapevine  
Heat Sum and Rain Precipitation



Vintage Analysis for Grapevine  
Sunny and Rainy Hours



# PlantCT™ System User Interface

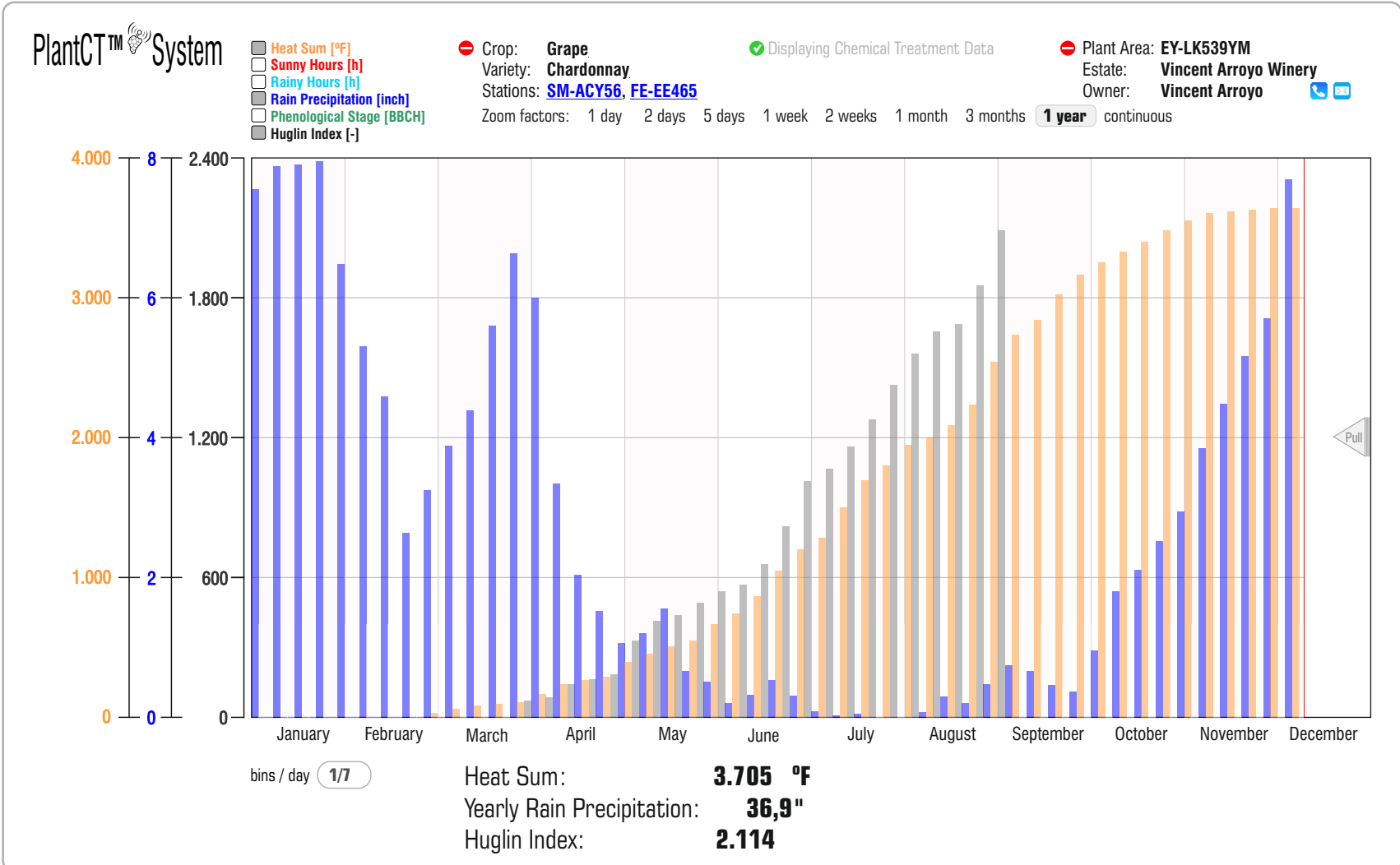
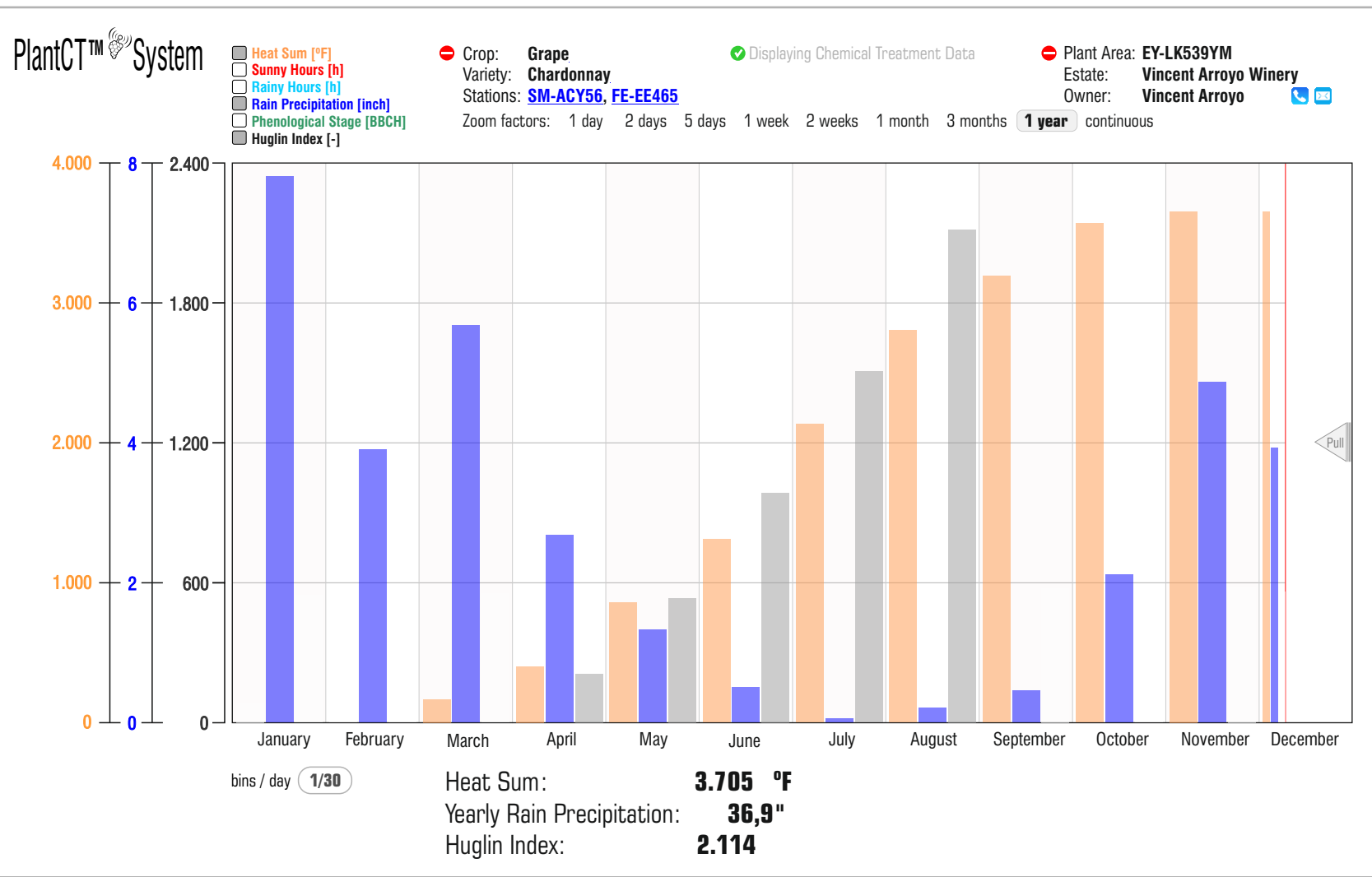
## Vintage Analysis for Grapevine

### Weather Data in Calistoga (Napa Valley)



	min air temp		avg air temp		max air temp		rainfall		Huglin Index	Heat sum [F]	
	[F]	[C]	[F]	[C]	[F]	[C]	[inch]	[mm]			
January	37	2.78	49	9.44	60	15.56	8	203.20		0.00	
February	37	2.78	50	10.00	62	16.67	3.9	99.06		0.00	
March	41	5.00	54	12.22	67	19.44	5.7	144.78		124.00	
April	41	5.00	56	13.33	68	20.00	2.39	60.71	200	304.00	
May	46	7.78	64	17.78	78	25.56	1.4	35.56	562	738.00	
June	50	10.00	68	20.00	86	30.00	0.3	7.62	1,012	1,278.00	
July	53	11.67	73	22.78	92	33.33	0.03	0.76	1,571	1,991.00	
August	52	11.11	72	22.22	91	32.78	0.1	2.54	2,114	2,673.00	
September	50	10.00	69	20.56	88	31.11	0.3	7.62		3,243.00	
October	46	7.78	62	16.67	79	26.11	2.1	53.34		3,615.00	
November	40	4.44	53	11.67	66	18.89	4.75	120.65		3,705.00	
December	36	2.22	48	8.89	59	15.00	7.88	200.15		3,705.00	
<b>Monthly Average Rainfall</b>							<b>3.07</b>	<b>78.00</b>			
<b>Yearly Rainfall</b>							<b>36.85</b>	<b>935.99</b>			

Source: <http://www.goldenhaven.com/regions/napa/weather/jan.html>  
 (c) QuantisLabs Ltd | 2017 | Dr Hlaszny, Edit | +36 30 3116516 |



### Vintage Analysis for Grapevine: Heat Sum, Rain Precipitation and Huglin Index

# PlantCT™ System User Interface

## Environmental Factors vs. Infection Risks

### Explanation of Symbols

A  
B  
C  
D  
E  
F  
G

Each environmental factor can simultaneously be displayed. Only the perspicuity can limit the number of displayed factors at the same time

The diagrams can be zoomed. There are fixed zoom-values and can continuously be zoomed, as well

The Station Modules' data are available per click on their links

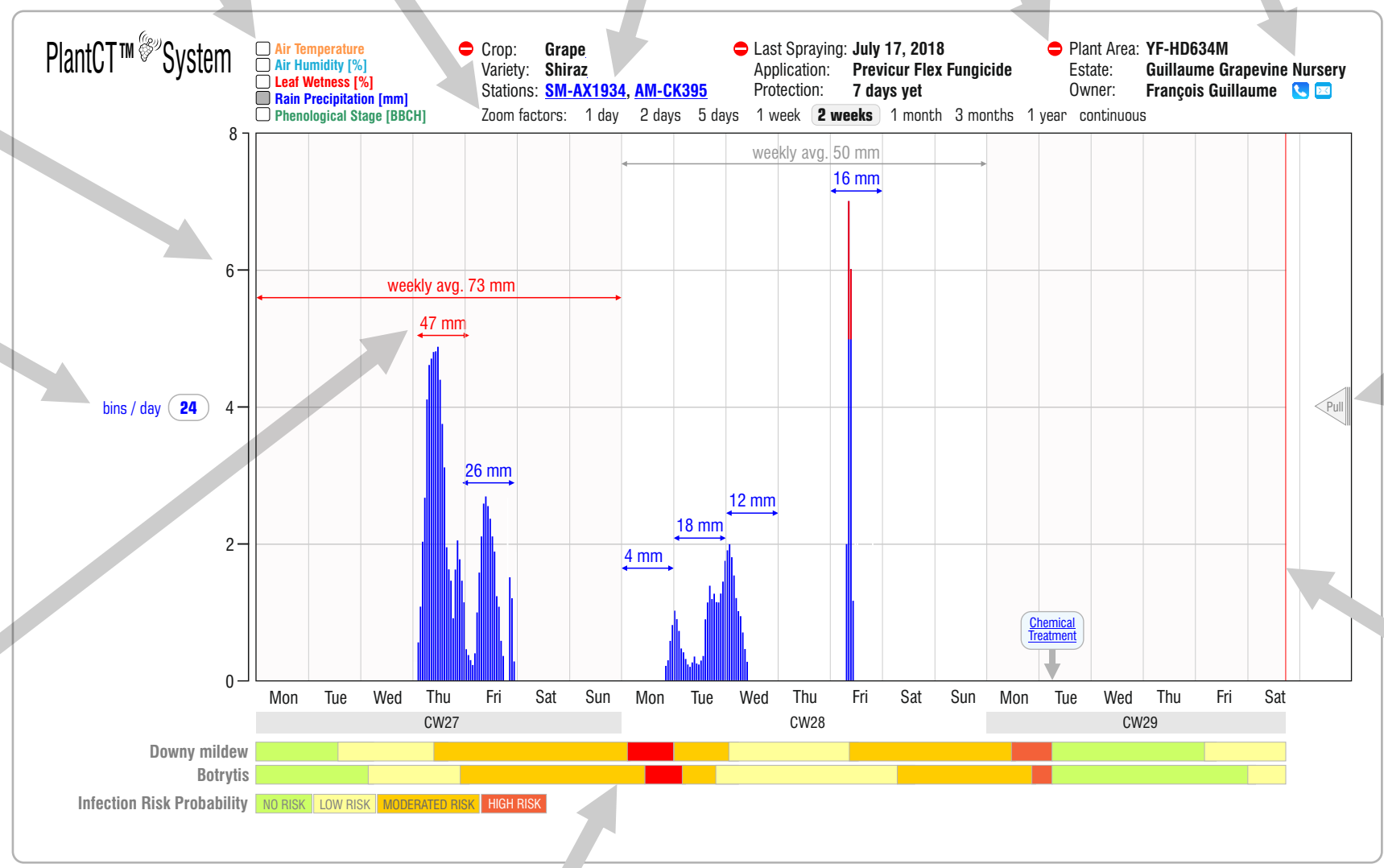
Clicking the symbol, hides the field mapped to it and changes its form to

The owner of the plant area can be per phone or even per eMail contacted directly

Self-setting scale: The basis is the maximal value within the selected time interval increased with 20 % and rounded up

Adjustable resolution: The number of bin can individually be set. Max. number of bins is 96/day (according to the maximal sample frequency of the environment factors' measurements in the field)

Values over predefinit thresholds are displayed in red. There are different thresholds for values on hourly, daily, and weekly basis, as well



Pulling the symbol left continuously will the diagram be zoomed. Clicking it on, will the fixed zoom values selected in circular order

Red line shows the timestamp when the diagram was downloaded

The multistage output of the prediction are symbolised with different colours. The sequence of the infections is ordered by seriousness. Highest frequency in status changing is a global system parameter