

Yuma Fall 2025 Romaine Trial

AgroThrive (3-3-2)– Nitrogen Fertilizer Replacement

PI: Robert Masson

Assistant Ag Extension Agent

Yuma County Cooperative Extension



THE UNIVERSITY OF ARIZONA

Cooperative Extension

Yuma County

Trial Summary

- Out of the four treatments tested the full fertilizer treatment supplemented with AgroThrive appeared to produce higher aboveground biomass yield, but heart weights were similar across treatments. A trend was observed where the full fertilizer AgroThrive group had relatively less walkby percentage as well. However, due to high variation in the data the results were not “statistically significant”.
- Note: Temperatures were significantly hotter than normal, advancing harvest date a week ahead of initial forecast
- Note: Aphids encountered on plants but spray was applied multiple times to control them with very minimal damage.

Trial Details

- Product water reduction trial
 - Trt 1: Grower Standard Practice Fertilizer (GSP)
 - Trt 2: GSP + AgroThrive (3-3-2)
 - Trt 3: Reduced GSP fertilizer
 - Trt 4: Reduced GSP fertilizer + AgroThrive (3-3-2)
- Four treatment, six replication trial
- 3-line romaine of 42” beds
- Variety: Del Sol
- Planting Date: 11 Nov 2025
- Harvest Date: 24 Feb 2026 (105 DAP)

Fertilization Plan

Treatment 1:

- Total # N/AC: 157
- Preplant: 200# 11-52-0 MAP (22# N)
- 12.36 Gal/A UAN 32 (45# N per application)
 - 12/8 (27 DAP)
 - 1/13 (63 DAP)
 - 2/2 (83 DAP)

Treatment 2:

- Total # N/AC: 161.5
- Preplant: 200# 11-52-0 MAP + 5.15 Gal/A AgroThrive (23.5 #N)
- 12.36 Gal/A UAN 32 + 3.16 Gal/A AgroThrive (46# N per application)
 - 12/8 (27 DAP)
 - 1/13 (63 DAP)
 - 2/2 (83 DAP)

Treatment 3:

- Total # N/AC: 115.5
- Preplant: 150# 11-52-0 MAP
- 9.2 Gal/A UAN 32 (33# N per application)
 - 12/8 (27 DAP)
 - 1/13 (63 DAP)
 - 2/2 (83 DAP)

Treatment 4:

- Total # N/AC: 120
- Preplant: 150# 11-52-0 MAP + 5.15 Gal/A AgroThrive (18#N)
- 9.2 Gal/A UAN 32 + 3.16 Gal/A AgroThrive (34# N per application)
 - 12/8 (27 DAP)
 - 1/13 (63 DAP)
 - 2/2 (83 DAP)

Field Map

Mar-11-2026 (T-10 Agrothrive Romaine 2025)

University of Arizona

Evaluate Agrothrive organic fertilizer replacement of commercial N.
 Trial ID: T-10 Agrothrive Romaine 2025
 Protocol ID: T-10 Agrothrive Romaine 2025 Location: Yuma Arizona Trial Year: 2025
 Project ID: T-10 Agrothrive Romaine 2025
 Study Director: Robert Masson Sponsor Contact:
 Investigator:

Trial Map Treatment Description

Trt	Code	Description
1	CHK	Full Fertilizer - Grower Standard - 11-52 200 LB/A; Full Fertilizer - Grower Stan
2		Full Fertilizer + Agrothrive - 11-52 200 LB/A; Full Fertilizer + Agrothrive 5.15
3		Reduced Fertilizer - Grower Standard - 11-52 150 LB/A; Reduced Fertilizer - Growe
4		Reduced Fertilizer + Agrothrive - 11-52 150 LB/A; Reduced Fertilizer + Agrothrive



Irrigation

Sprinkler rate: 0.1 IN/HR
Drip rate: 0.186 Acre IN/HR

**Total Water Applied to full water
treatment area 14.686 Acre IN**

Irrigation Date	Type	Full Irr Treatment Irrigation Hours	Full Irr Water Used (AC IN)
11/10	Drip	3	0.558
11/11	Sprinkler	10	1.000
11/12	Sprinkler	10	1.000
11/13	Sprinkler	8	0.800
11/14	Sprinkler	8	0.800
11/19	Sprinkler	8	0.800
11/20	Sprinkler	8	0.800
11/25	Drip	4	0.744
12/8	Drip	6	1.116
12/9	Drip	3	0.558
12/22	Drip	4	0.744
1/7	Drip	4	0.744
1/13	Drip	5	0.930
1/29	Drip	2	0.372

Irrigation

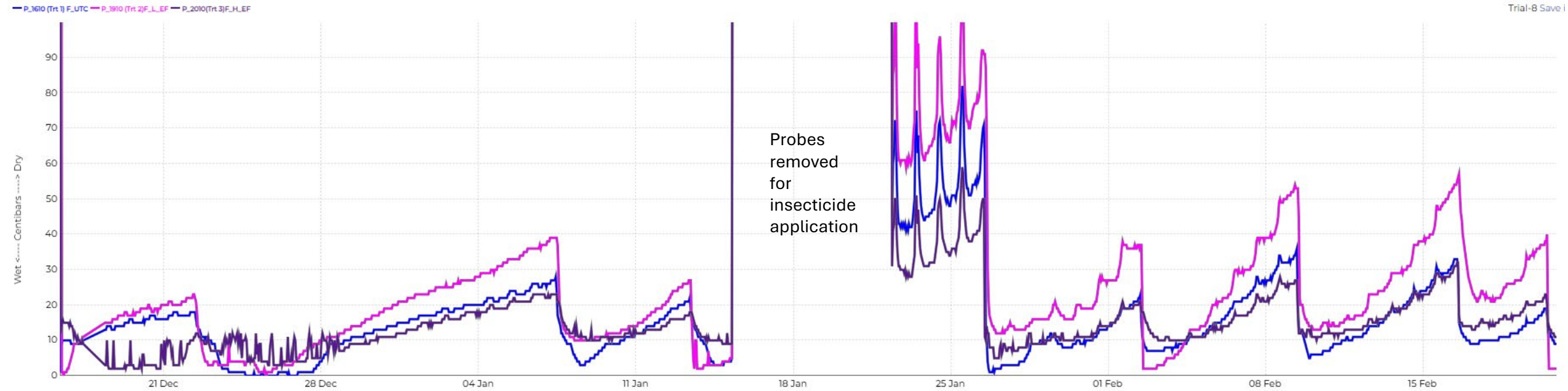
Sprinkler rate: 0.1 IN/HR

Drip rate: 0.186 Acre IN/HR

**Total Water Applied to full water
treatment area 14.686 Acre IN**

Irrigation Date	Type	Full Irr Irrigation Hours	Full Irr Water Used (AC IN)
2/2	Drip	5	0.930
2/5	Drip	2	0.372
2/9	Drip	5	0.930
2/16	Drip	4	0.744
2/21	Drip	4	0.744
Total			14.128

IC-10 Moisture Probe Data (Unit 1)



Pesticide

Date	Pesticide	Rate	Type	Method
11/13	Prefar	6.0 Q/A	Pre-emerge Herbicide	Sprinkler
1/15	Orondis Ultra	8.0 Oz/A	Fungicide	Spray
1/15	Quadris	12.0 Oz/A	Fungicide	Spray
1/15	Nu-Film	4.0 Oz/A	Adjuvant	Spray
1/25	Sequoia	4.0 Oz/A	Insecticide	Spray
2/4	Verimark	10.0 Oz/A	Insecticide	Spray
2/5	Verimark	10.0	Insecticide	Drip

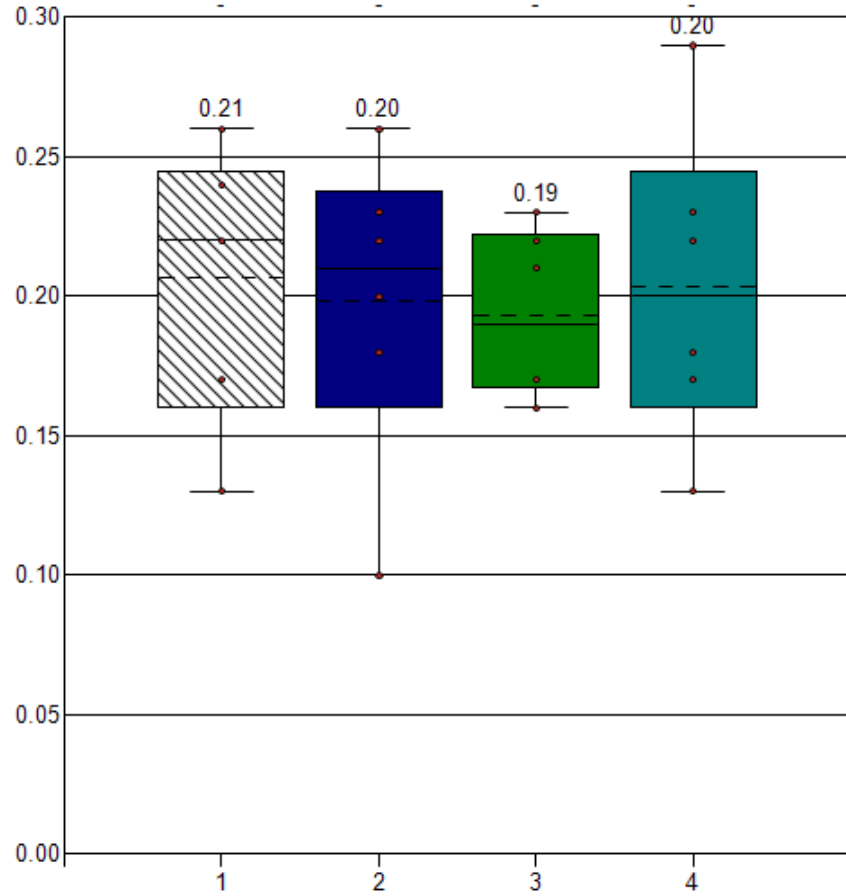
In Season Measurements (Dr. Bhupinder Singh)

- Net photosynthesis
- Gas exchange traits
 - Transpiration rate
 - Stomatal conductance
 - Vapor pressure deficit
- Light uptake traits
 - Maximum quantum yield
 - FY/FM
 - Electron transport rate
 - Chlorophyll content
- Meteorological traits
 - Canopy temperature
 - Surface temperature



Yuma Romaine - AgroThrive Trial - Fall 2025

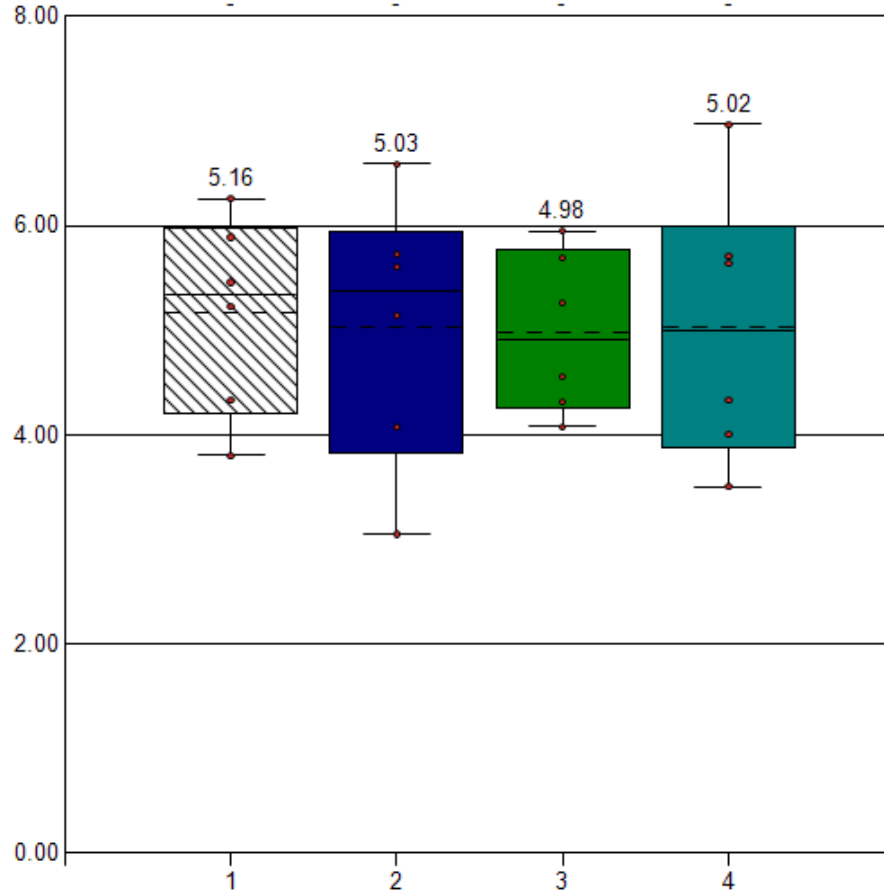
mol m⁻² Stomtal conductance



- 1 Full Fertilizer - Grower Standard - 11-52 200 LB/A; Full Fertilizer - Grower Stan
- 2 Full Fertilizer + Agrothrive - 11-52 200 LB/A; Full Fertilizer + Agrothrive 5.15
- 3 Reduced Fertilizer - Grower Standard - 11-52 150 LB/A; Reduced Fertilizer - ...
- 4 Reduced Fertilizer + Agrothrive - 11-52 150 LB/A; Reduced Fertilizer + Agrot...

Yuma Romaine - AgroThrive Trial - Fall 2025

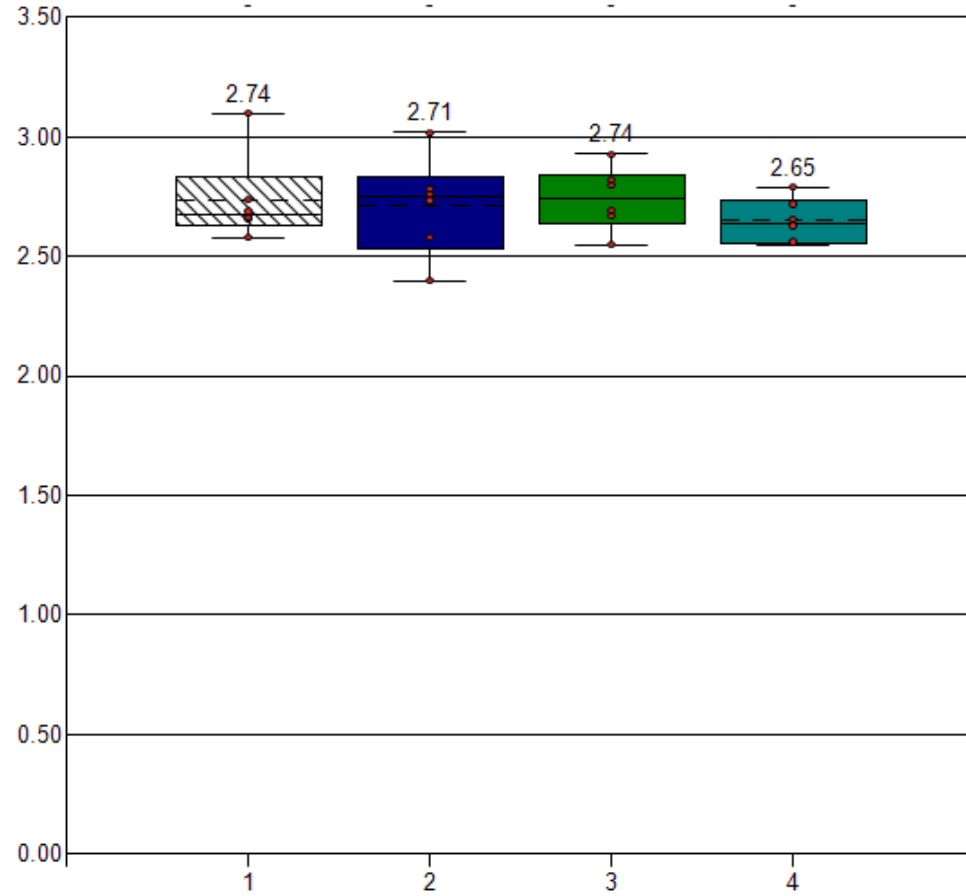
mol m⁻² Transpiration



- 1 Full Fertilizer - Grower Standard - 11-52 200 LB/A; Full Fertilizer - Grower Stan
- 2 Full Fertilizer + Agrothrive - 11-52 200 LB/A; Full Fertilizer + Agrothrive 5.15
- 3 Reduced Fertilizer - Grower Standard - 11-52 150 LB/A; Reduced Fertilizer - Gro...
- 4 Reduced Fertilizer + Agrothrive - 11-52 150 LB/A; Reduced Fertilizer + Agrothrive

Yuma Romaine - AgroThrive Trial - Fall 2025

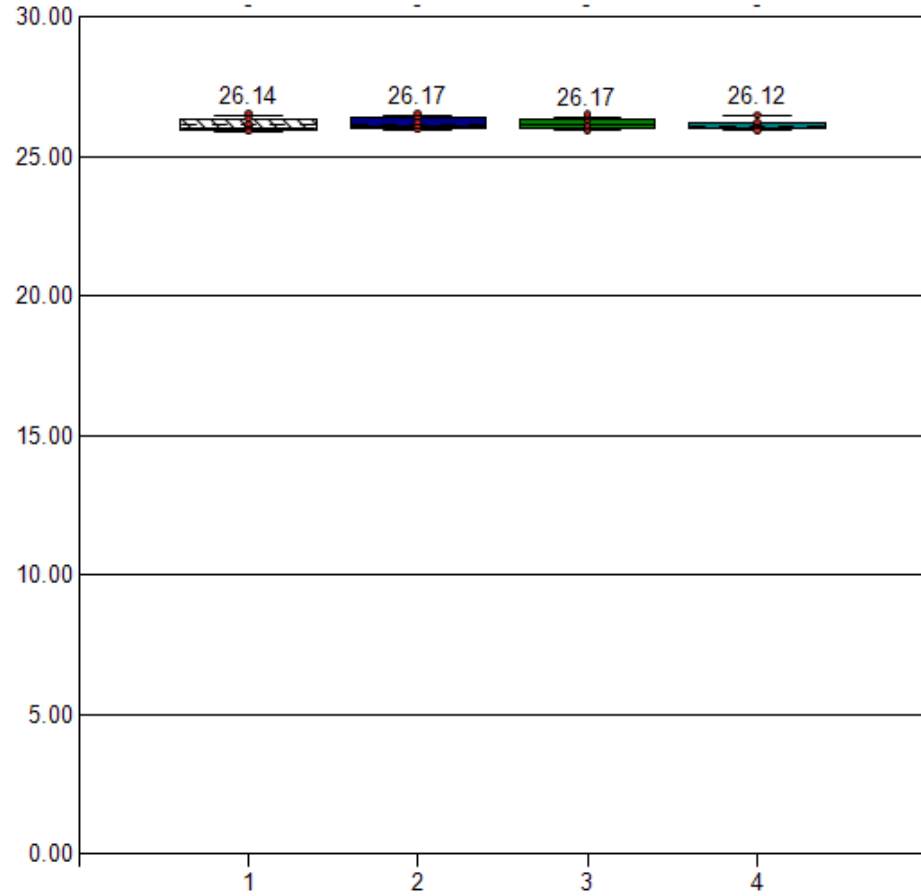
kPa VPDleaf



- 1 Full Fertilizer - Grower Standard - 11-52 200 LB/A; Full Fertilizer - Grower Stan
- 2 Full Fertilizer + Agrothrive - 11-52 200 LB/A; Full Fertilizer + Agrothrive 5.15
- 3 Reduced Fertilizer - Grower Standard - 11-52 150 LB/A; Reduced Fertilizer - Growe
- 4 Reduced Fertilizer + Agrothrive - 11-52 150 LB/A; Reduced Fertilizer + Agrothrive

Yuma Romaine - AgroThrive Trial - Fall 2025

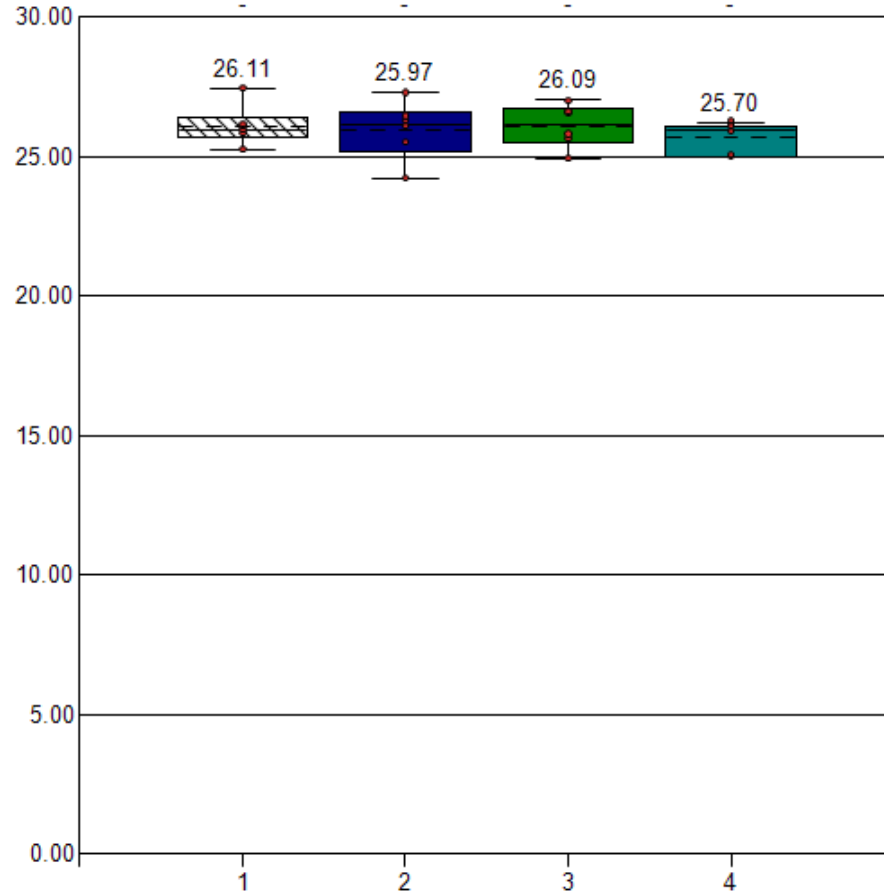
°C air temperature



- 1 Full Fertilizer - Grower Standard - 11-52 200 LB/A; Full Fertilizer - Grower Stan
- 2 Full Fertilizer + Agrothrive - 11-52 200 LB/A; Full Fertilizer + Agrothrive 5.15
- 3 Reduced Fertilizer - Grower Standard - 11-52 150 LB/A; Reduced Fertilizer - Growe
- 4 Reduced Fertilizer + Agrothrive - 11-52 150 LB/A; Reduced Fertilizer + Agrothrive

Yuma Romaine - AgroThrive Trial - Fall 2025

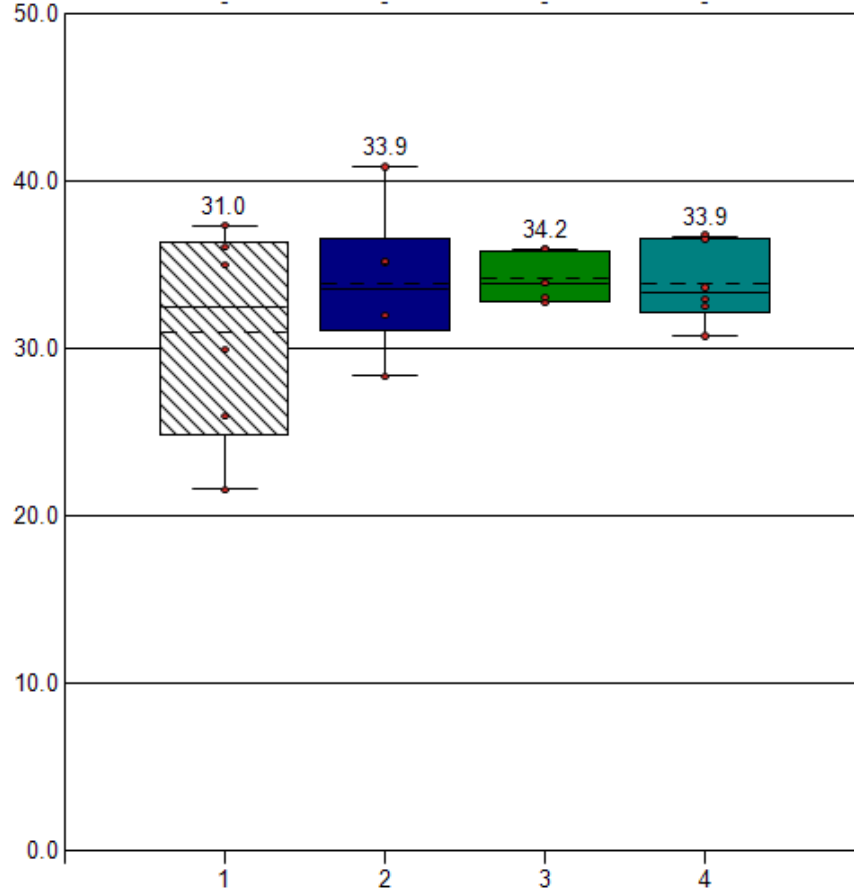
°C Canopy Temperature



- 1 Full Fertilizer - Grower Standard - 11-52 200 LB/A; Full Fertilizer - Grower Stan
- 2 Full Fertilizer + Agrothrive - 11-52 200 LB/A; Full Fertilizer + Agrothrive 5.15
- 3 Reduced Fertilizer - Grower Standard - 11-52 150 LB/A; Reduced Fertilizer - Gr...
- 4 Reduced Fertilizer + Agrothrive - 11-52 150 LB/A; Reduced Fertilizer + Agrothrive

Yuma Romaine - AgroThrive Trial - Fall 2025

$\mu\text{g m}^{-2}$ Chlorophyll content



- 1 Full Fertilizer - Grower Standard - 11-52 200 LB/A; Full Fertilizer - Grower Stan
- 2 Full Fertilizer + Agrothrive - 11-52 200 LB/A; Full Fertilizer + Agrothrive 5.15
- 3 Reduced Fertilizer - Grower Standard - 11-52 150 LB/A; Reduced Fertilizer - ...
- 4 Reduced Fertilizer + Agrothrive - 11-52 150 LB/A; Reduced Fertilizer + Agrothr...

Harvest

- 23 Feb 2026
- Harvest a 10 foot section of each plot
- Each plant weighed for total above ground biomass
- Hearts were trimmed from the biomass and weighed individually
- Walkby percentage was calculated by counting the plants that did not make a marketable heart (lower values = more harvestable plants per plot)
- Heart circumference and length was recorded for each trimmed head



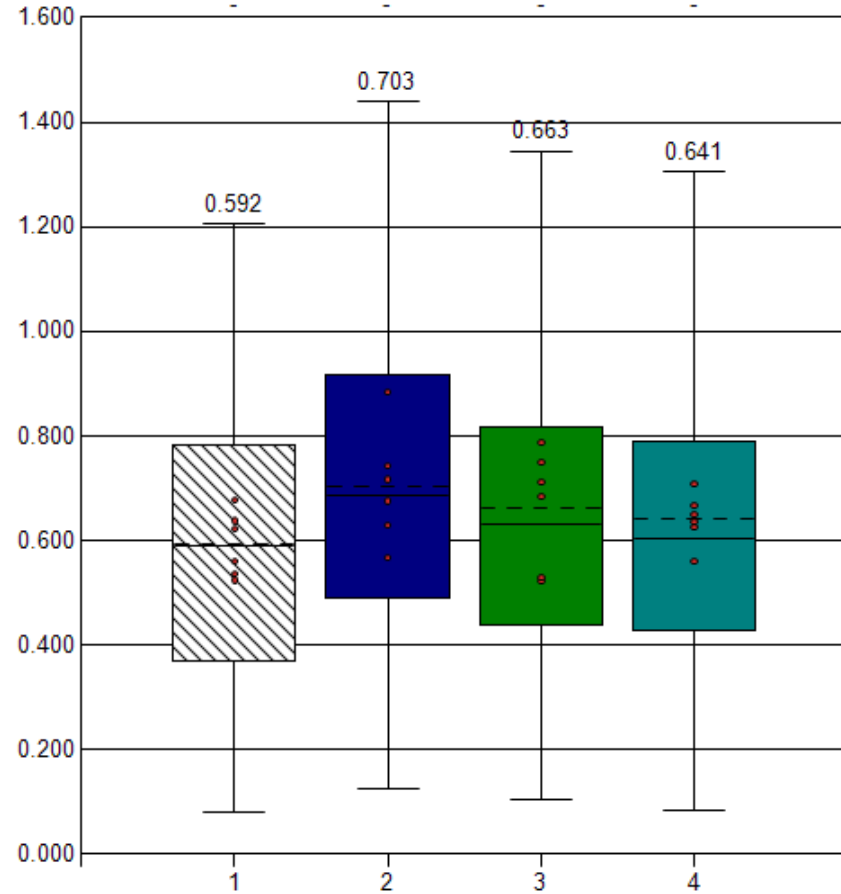






Yuma Romaine - AgroThrive Trial - Fall 2025

KG/Plant Above Ground Biomass



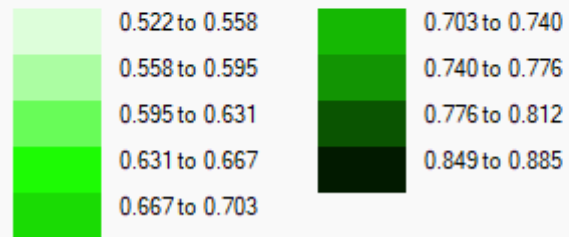
- 1 Full Fertilizer - Grower Standard - 11-52 200 LB/A;Full Fertilizer - Grower...
- 2 Full Fertilizer + Agrothrive - 11-52 200 LB/A;Full Fertilizer + Agrothrive 5.15
- 3 Reduced Fertilizer - Grower Standard - 11-52 150 LB/A;Reduced Fertilizer...
- 4 Reduced Fertilizer + Agrothrive - 11-52 150 LB/A;Reduced Fertilizer + Agr...

Assessment Map - Column 7 - KG/Plant Above Ground Biomass

Navigation icons: zoom in, zoom out, pan, home, 100%, zoom reset, and a checked box for "Always size to fit".

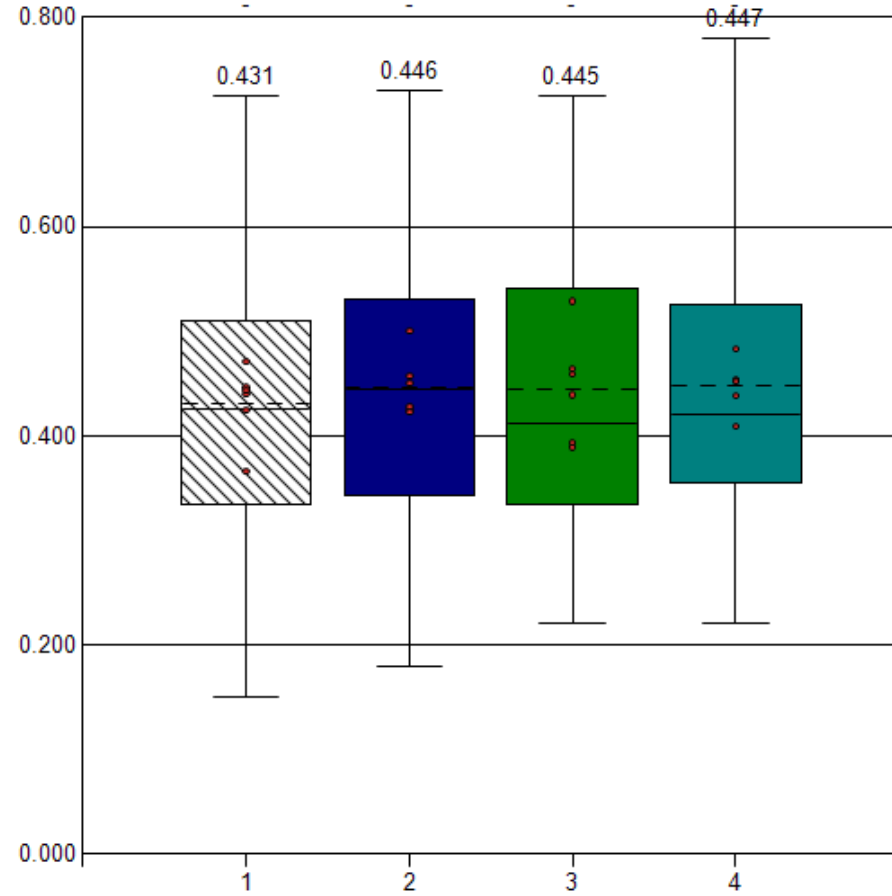


Color Description Options Treatment Description Assessment Description



Yuma Romaine - AgroThrive Trial - Fall 2025

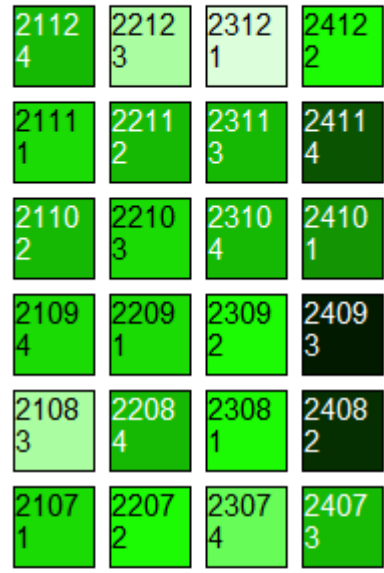
KG/Heart Heart Weights



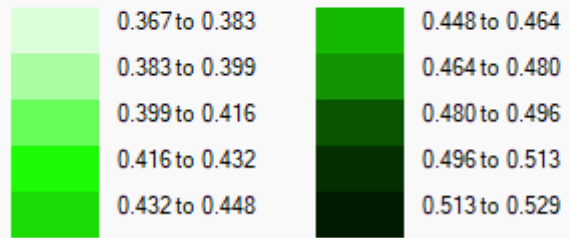
- 1 Full Fertilizer - Grower Standard - 11-52 200 LB/A; Full Fertilizer - Grower Stan
- 2 Full Fertilizer + Agrothrive - 11-52 200 LB/A; Full Fertilizer + Agrothrive 5.15
- 3 Reduced Fertilizer - Grower Standard - 11-52 150 LB/A; Reduced Fertilizer - Gr...
- 4 Reduced Fertilizer + Agrothrive - 11-52 150 LB/A; Reduced Fertilizer + Agrothrive

Assessment Map - Column 8 - KG/Heart Heart Weights

Navigation icons: zoom in, zoom out, hand, play, 100%, zoom in, pan, Always size to fit

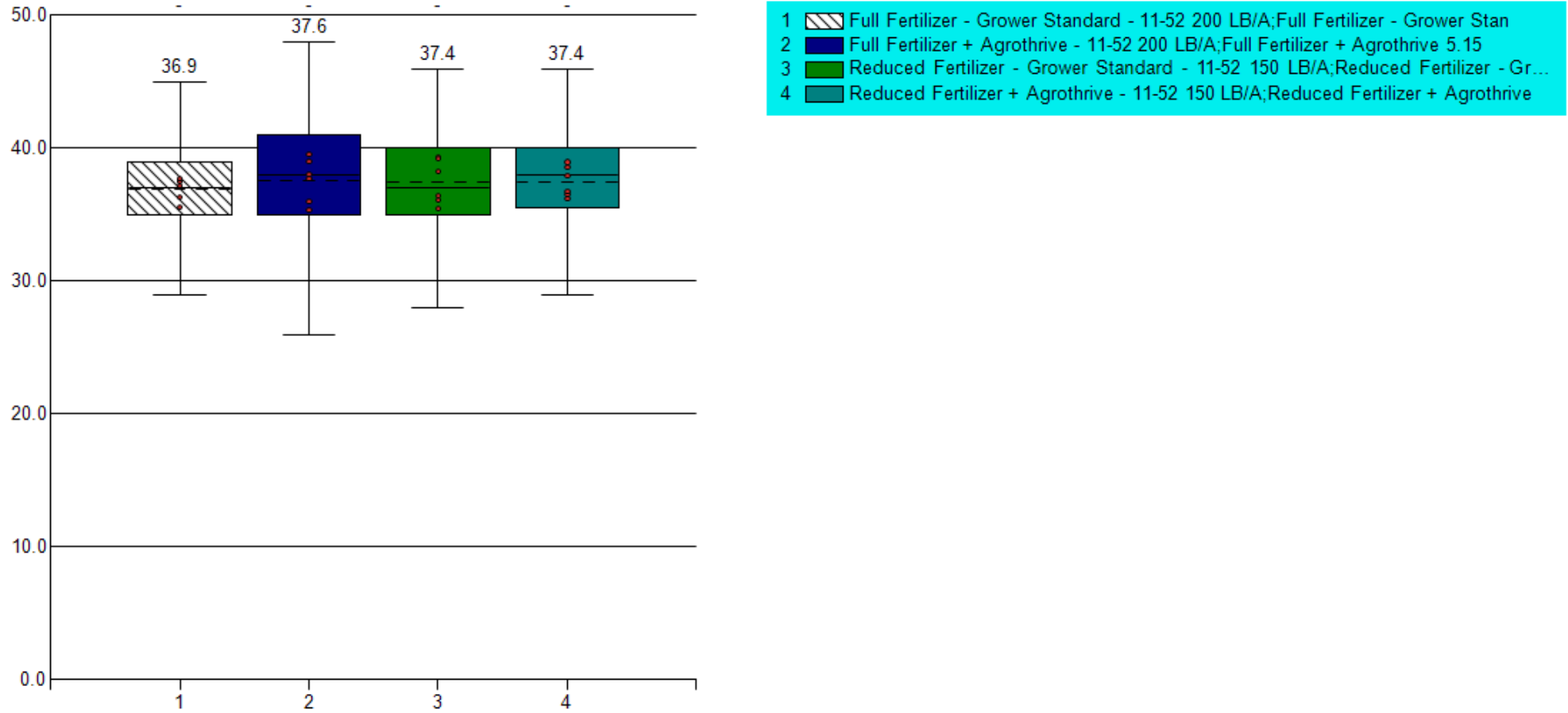


Color Description Options Treatment Description Assessment Description



Yuma Romaine - AgroThrive Trial - Fall 2025

CM/Heart Circumference

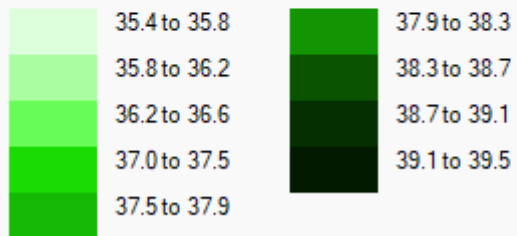


Assessment Map - Column 9 - CM/Heart Circumference

Navigation icons: zoom in, zoom out, pan, play, 100%, zoom reset, and a checked checkbox labeled "Always size to fit".

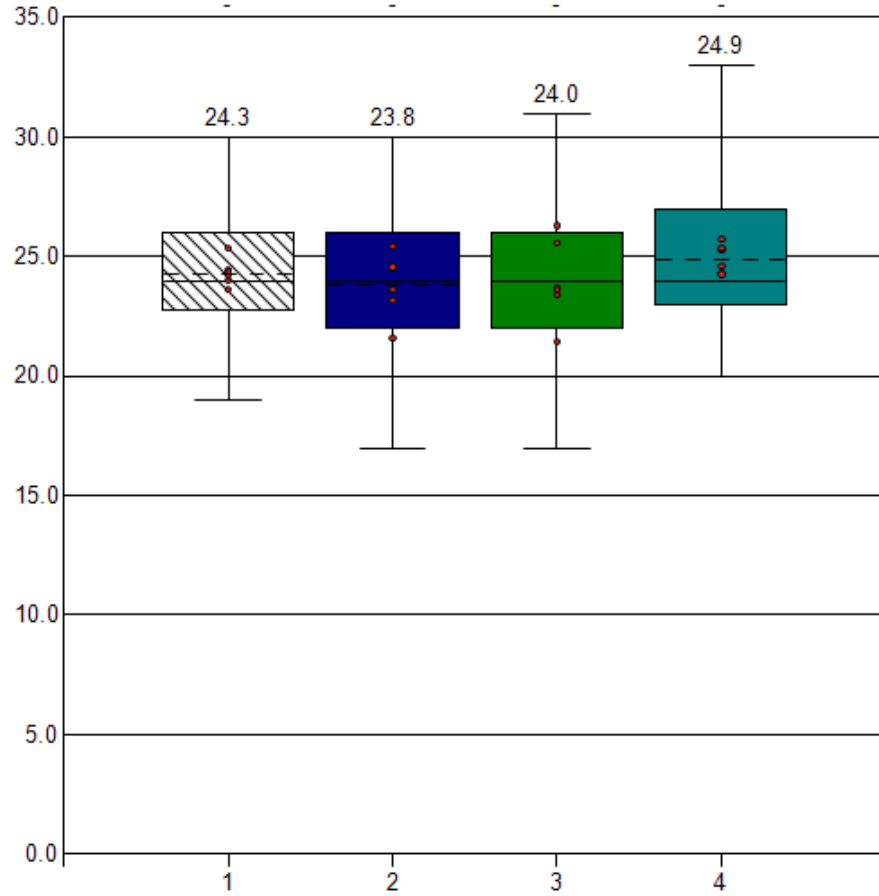


Color Description Options Treatment Description Assessment Description



Yuma Romaine - AgroThrive Trial - Fall 2025

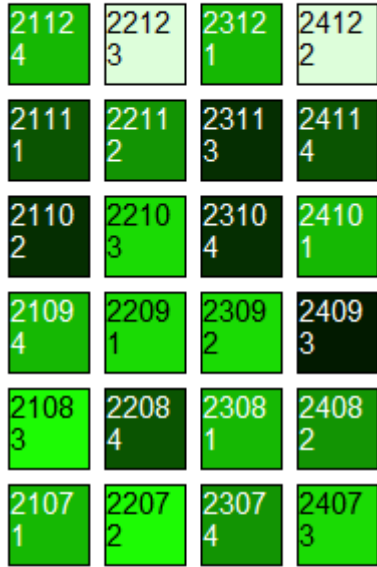
CM/Heart Heart Length



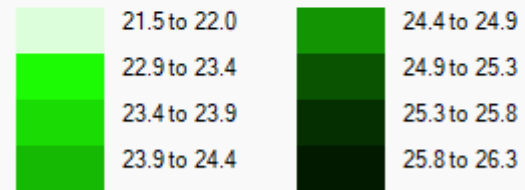
- 1 Full Fertilizer - Grower Standard - 11-52 200 LB/A; Full Fertilizer - Grower Stan
- 2 Full Fertilizer + Agrothrive - 11-52 200 LB/A; Full Fertilizer + Agrothrive 5.15
- 3 Reduced Fertilizer - Grower Standard - 11-52 150 LB/A; Reduced Fertilizer - Gr...
- 4 Reduced Fertilizer + Agrothrive - 11-52 150 LB/A; Reduced Fertilizer + Agrothrive

Assessment Map - Column 10 - CM/Heart Heart Length

Navigation icons: zoom in, zoom out, pan, play, 100%, zoom reset, and a checked box for "Always size to fit".

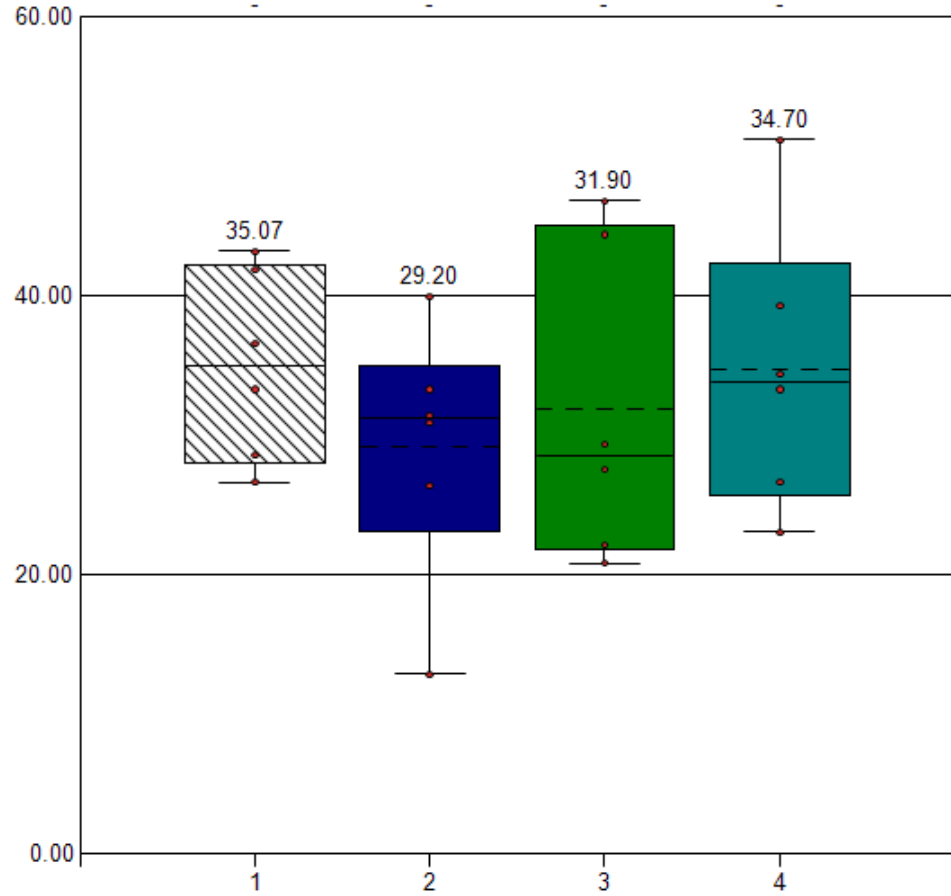


Color Description Options Treatment Description Assessment Description



Yuma Romaine - AgroThrive Trial - Fall 2025

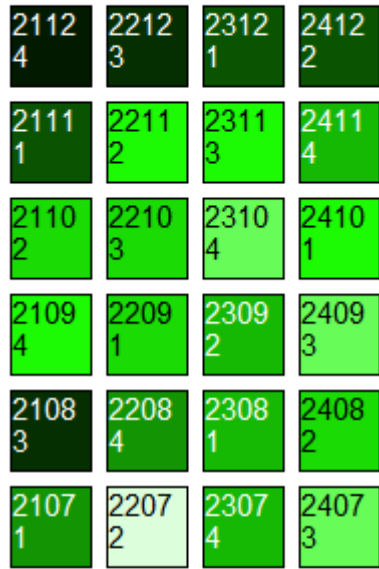
Walkby Percent



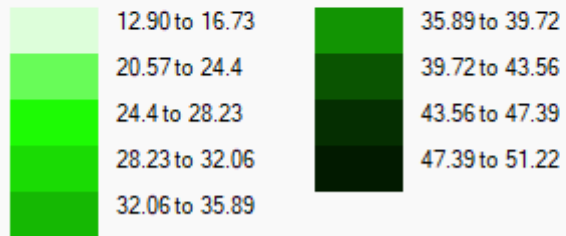
- 1 Full Fertilizer - Grower Standard - 11-52 200 LB/A; Full Fertilizer - Grower Stan
- 2 Full Fertilizer + Agrothrive - 11-52 200 LB/A; Full Fertilizer + Agrothrive 5.15
- 3 Reduced Fertilizer - Grower Standard - 11-52 150 LB/A; Reduced Fertilizer - Growe
- 4 Reduced Fertilizer + Agrothrive - 11-52 150 LB/A; Reduced Fertilizer + Agrothrive

Assessment Map - Column 11 - Walkby Percent

Navigation icons: Home, Previous, Next, Refresh, Zoom In, Zoom Out, 100%, Always size to fit (checked)



Color Description Options Treatment Description Assessment Description



University of Arizona

Evaluate Agrothrive organic fertilizer replacement of commercial N.

Trial ID: T-10 Agrothrive Romaine 2025
 Protocol ID: T-10 Agrothrive Romaine 2025 Location: Yuma Arizona Trial Year: 2025
 Project ID: T-10 Agrothrive Romaine 2025
 Study Director: Robert Masson Sponsor Contact:
 Investigator:

SE Group No.		6	6	6	6
Rating Unit		mol m ⁻²	mol m ⁻²	kPa	°C
Rating Min/Max/Interval					
Number of Subsamples		1	1	1	1
Description		Stomatal conduct>	Transpiration	VPDleaf	air temperature
Number of Decimals		2	2	2	2
Data Entry Date		Mar-11-2026	Mar-11-2026	Mar-11-2026	Mar-11-2026
Trt Treatment No. Name	Rate Appl Rate Unit Code	1*	2*	3*	4*
1 Full Fertilizer - Grower Standard - 11-52	200 lb/a A	0.21 -	5.16 -	2.74 -	26.14 -
Full Fertilizer - Grower Standard - UAN-32	12.36 gal/a BCD				
2 Full Fertilizer + Agrothrive - 11-52	200 lb/a A	0.20 -	5.03 -	2.71 -	26.17 -
Full Fertilizer + Agrothrive	5.15 gal/a A				
Full Fertilizer + Agrothrive- UAN-32	12.36 gal/a BCD				
Full Fertilizer + Agrothrive	3.16 gal/a BCD				
3 Reduced Fertilizer - Grower Standard - 11-52	150 lb/a A	0.19 -	4.98 -	2.74 -	26.17 -
Reduced Fertilizer - Grower Standard - UAN-32	9.2 gal/a BCD				
4 Reduced Fertilizer + Agrothrive - 11-52	150 lb/a A	0.20 -	5.02 -	2.65 -	26.12 -
Reduced Fertilizer + Agrothrive	5.15 gal/a A				
Reduced Fertilizer + Agrothrive - UAN-32	9.2 gal/a BCD				
Reduced Fertilizer + Agrothrive	3.16 gal/a BCD				
LSD P= .05		0.060	1.342	0.189	0.281
Standard Deviation		0.049	1.090	0.153	0.228
CV		24.21	21.6	5.66	0.87
Levene's F^		0.253	0.482	0.017	0.214
Levene's P rob(F)		0.858	0.699	0.997	0.885
Shapiro-Wilk^		0.9748	0.9592	0.9716	0.8672*
P(Shapiro-Wilk)^		0.7847	0.4232	0.7068	0.0046*
Skewness^		0.1724	0.4333	-0.3593	0.71
P(Skewness)^		0.7184	0.3684	0.4546	0.1463
Kurtosis^		-0.4978	-0.5385	-0.263	-0.9244
P(Kurtosis)^		0.5927	0.5631	0.777	0.3243
Replicate F		0.983	1.013	1.418	0.194
Replicate Prob(F)		0.4599	0.4442	0.2739	0.9602
Treatment F		0.087	0.033	0.443	0.071
Treatment Prob(F)		0.9662	0.9917	0.7260	0.9747

University of Arizona

Evaluate Agrothrive organic fertilizer replacement of commercial N.					
Trial ID: T-10 Agrothrive Romaine 2025					
Protocol ID: T-10 Agrothrive Romaine 2025 Location: Yuma Arizona Trial Year: 2025					
Project ID: T-10 Agrothrive Romaine 2025					
Study Director: Robert Masson Sponsor Contact:					
Investigator:					
SE Group No.		6	6	1	2
Rating Unit		°C	µg m ⁻²	KG/Plant	KG/Heart
Rating Min/Max/Interval				0.01, 2, -	0.01, 2, -
Number of Subsamples		1	1	41	27
Description		Canopy Temperat>	Chlorophyll con>	Above Ground Bi>	Heart Weights
Number of Decimals		2	1	3	3
Data Entry Date		Mar-11-2026	Mar-11-2026	Feb-25-2026	Feb-25-2026
Trt Treatment	Rate Appl	5*	6*	7*	8*
No. Name	Rate Unit Code				
1 Full Fertilizer - Grower Standard - 11-52	200 lb/a A	26.11 -	31.0	0.592 -	0.431 -
Full Fertilizer - Grower Standard - UAN-32	12.36 gal/a BCD				
2 Full Fertilizer + Agrothrive - 11-52	200 lb/a A	25.97 -	33.9 -	0.703 -	0.446 -
Full Fertilizer + Agrothrive	5.15 gal/a A				
Full Fertilizer + Agrothrive - UAN-32	12.36 gal/a BCD				
Full Fertilizer + Agrothrive	3.16 gal/a BCD				
3 Reduced Fertilizer - Grower Standard - 11-52	150 lb/a A	26.09 -	34.2 -	0.663 -	0.445 -
Reduced Fertilizer - Grower Standard - UAN-32	9.2 gal/a BCD				
4 Reduced Fertilizer + Agrothrive - 11-52	150 lb/a A	25.70 -	33.9 -	0.641 -	0.447 -
Reduced Fertilizer + Agrothrive	5.15 gal/a A				
Reduced Fertilizer + Agrothrive - UAN-32	9.2 gal/a BCD				
Reduced Fertilizer + Agrothrive	3.16 gal/a BCD				
LSD P= .05		0.930	4.19	0.1197	0.0443
Standard Deviation		0.756	3.25	0.0973	0.0360
CV		2.91	9.57	14.97	8.13
Levene's F^		0.203	0.162	1.776	0.583
Levene's Prob(F)		0.893	0.852	0.184	0.633
Shapiro-Wilk^		0.9312	0.9707	0.9649	0.9648
P(Shapiro-Wilk)^		0.1035	0.8104	0.5454	0.5416
Skewness^		-0.8278	0.4043	0.4286	0.606
P(Skewness)^		0.0929	0.4612	0.3735	0.2122
Kurtosis^		0.4226	-0.2003	0.7502	0.3591
P(Kurtosis)^		0.6495	0.8492	0.4221	0.6992
Replicate F		1.294	0.388	0.284	1.180
Replicate Prob(F)		0.3180	0.8458	0.9144	0.3644
Treatment F		0.379	0.017	1.354	0.253
Treatment Prob(F)		0.7698	0.9830	0.2947	0.8580

University of Arizona

Evaluate Agrothrive organic fertilizer replacement of commercial N.

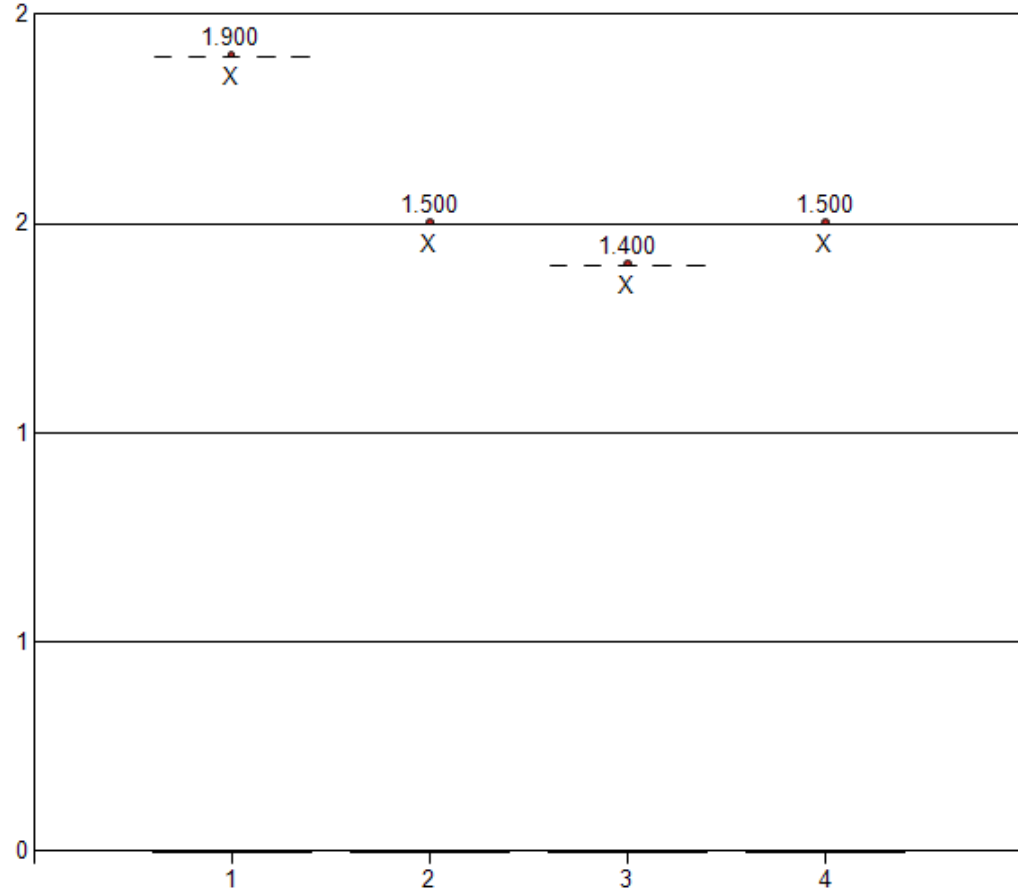
Trial ID: T-10 Agrothrive Romaine 2025
 Protocol ID: T-10 Agrothrive Romaine 2025 Location: Yuma Arizona Trial Year: 2025
 Project ID: T-10 Agrothrive Romaine 2025
 Study Director: Robert Masson Sponsor Contact:
 Investigator:

SE Group No.		3	4	5
Rating Unit		CM/Heart	CM/Heart	
Rating Min/Max/Interval		1, 60, -	1, 60, -	
Number of Subsamples		27	27	1
Description		Circumference	Heart Length	Walkby Percent
Number of Decimals		1	1	2
Data Entry Date		Feb-25-2026	Feb-25-2026	Feb-25-2026
Trt. Treatment No. Name	Rate Appl Rate Unit Code	9*	10*	11*
1 Full Fertilizer - Grower Standard - 11-52	200 lb/a A	36.9 -	24.3 -	35.07 -
Full Fertilizer - Grower Standard - UAN-32	12.36 gal/a BCD			
2 Full Fertilizer + Agrothrive - 11-52	200 lb/a A	37.6 -	23.8 -	29.20 -
Full Fertilizer + Agrothrive	5.15 gal/a A			
Full Fertilizer + Agrothrive- UAN-32	12.36 gal/a BCD			
Full Fertilizer + Agrothrive	3.16 gal/a BCD			
3 Reduced Fertilizer - Grower Standard - 11-52	150 lb/a A	37.4 -	24.0 -	31.90 -
Reduced Fertilizer - Grower Standard - UAN-32	9.2 gal/a BCD			
4 Reduced Fertilizer + Agrothrive - 11-52	150 lb/a A	37.4 -	24.9 -	34.70 -
Reduced Fertilizer + Agrothrive	5.15 gal/a A			
Reduced Fertilizer + Agrothrive - UAN-32	9.2 gal/a BCD			
Reduced Fertilizer + Agrothrive	3.16 gal/a BCD			
LSD P= .05		1.69	1.22	8.229
Standard Deviation		1.37	0.99	6.687
CV		3.67	4.08	20.44
Levene's F^		0.188	0.846	0.287
Levene's Prob(F)		0.903	0.485	0.834
Shapiro-Wilk^		0.956	0.9477	0.9499
P(Shapiro-Wilk)^		0.3633	0.2417	0.2694
Skewness^		0.0446	0.8563	0.281
P(Skewness)^		0.9255	0.0829	0.5576
Kurtosis^		-1.2006	0.703	-0.9251
P(Kurtosis)^		0.2037	0.4515	0.324
Replicate F		0.922	2.657	4.900
Replicate Prob(F)		0.4933	0.0651	0.0074
Treatment F		0.274	1.400	1.008
Treatment Prob(F)		0.8435	0.2814	0.4167

End of Season Soil Testing

Composite samples taken for each treatment. Four total soil samples sent to the lab.

Yuma Romaine - AgroThrive - Fall 2025 - End of Season Soil Samples

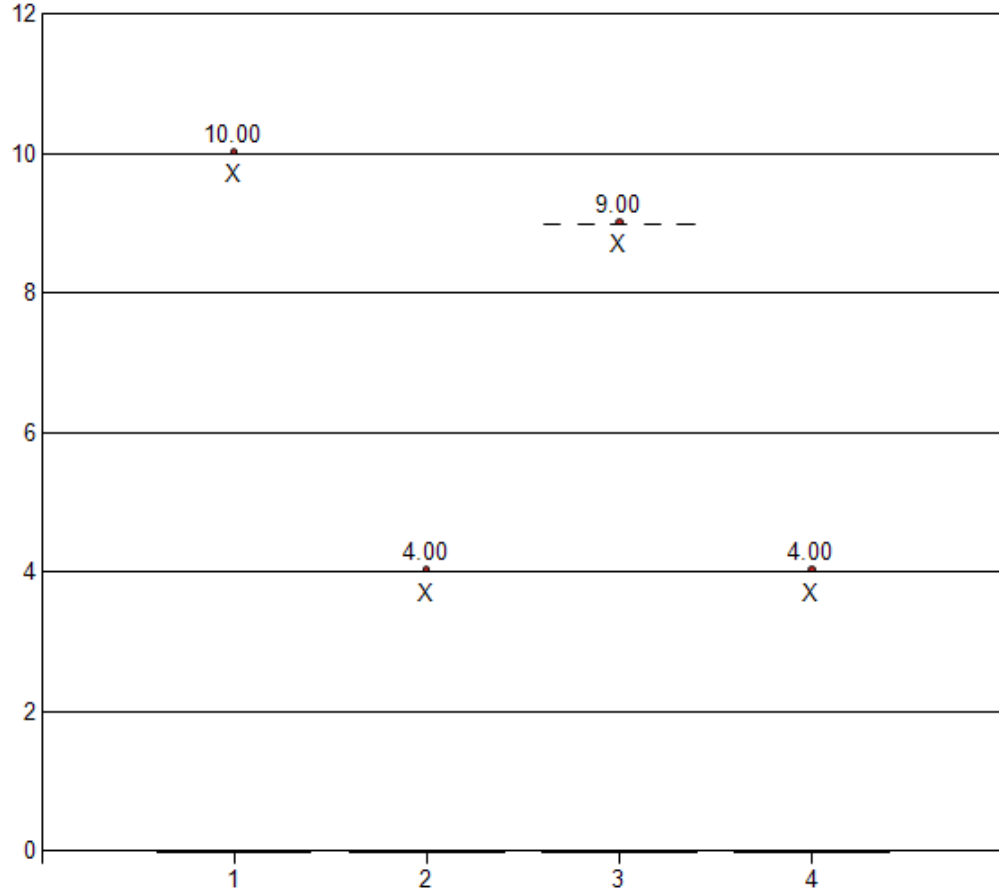


- 1 Full Fertilizer - Grower Standard - 11-52 200 LB/A; Full Fertilizer - Grower Stan
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OM

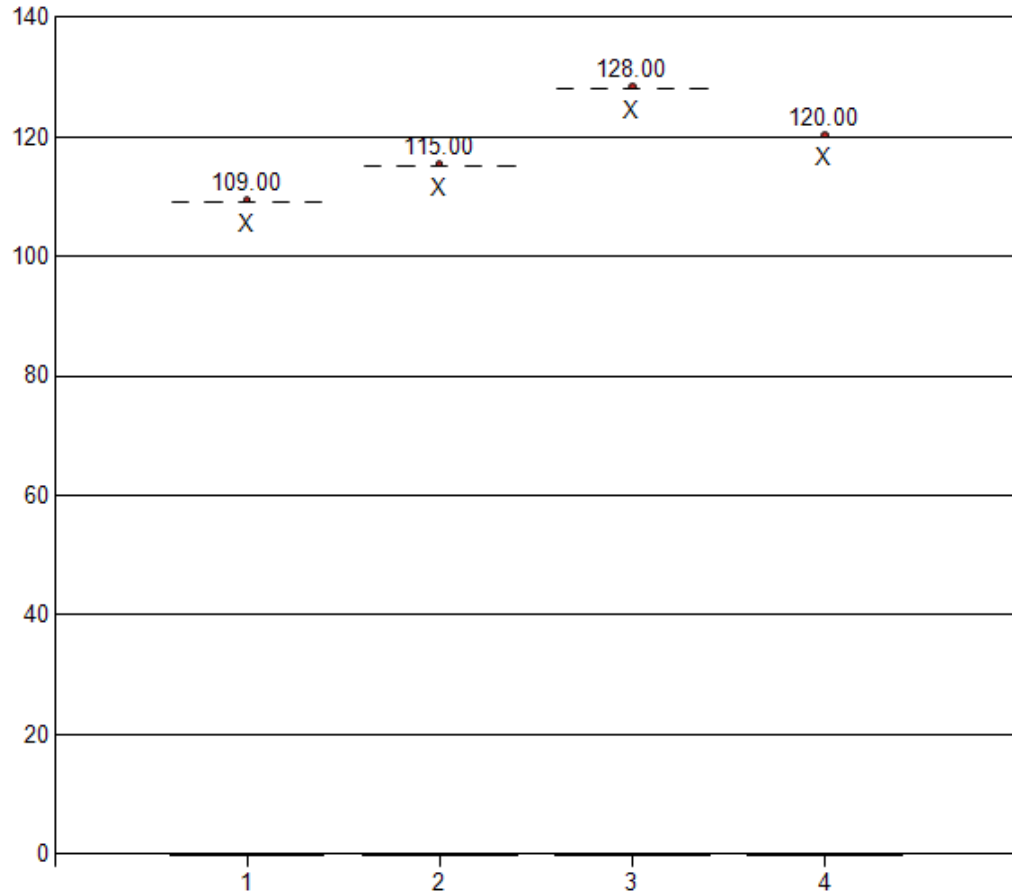
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Yuma Romaine - AgroThrive - Fall 2025 - End of Season Soil Samples



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Yuma Romaine - AgroThrive - Fall 2025 - End of Season Soil Samples

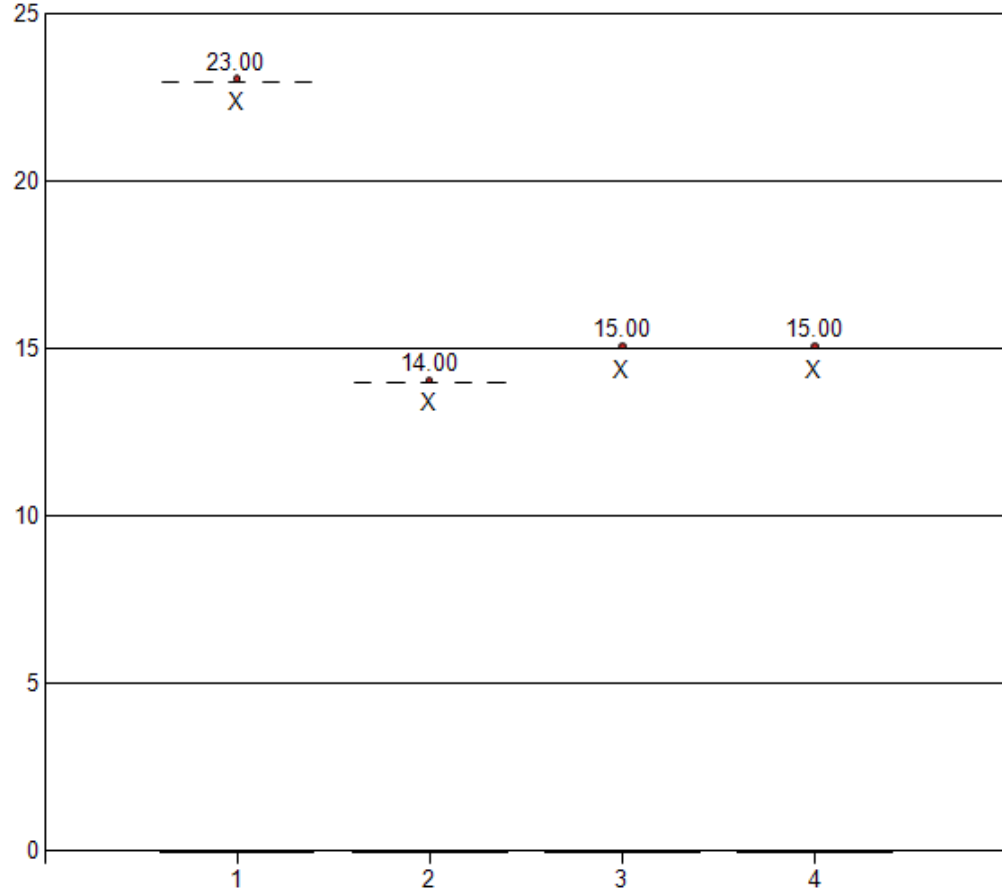


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P2

P2

Yuma Romaine - AgroThrive - Fall 2025 - End of Season Soil Samples

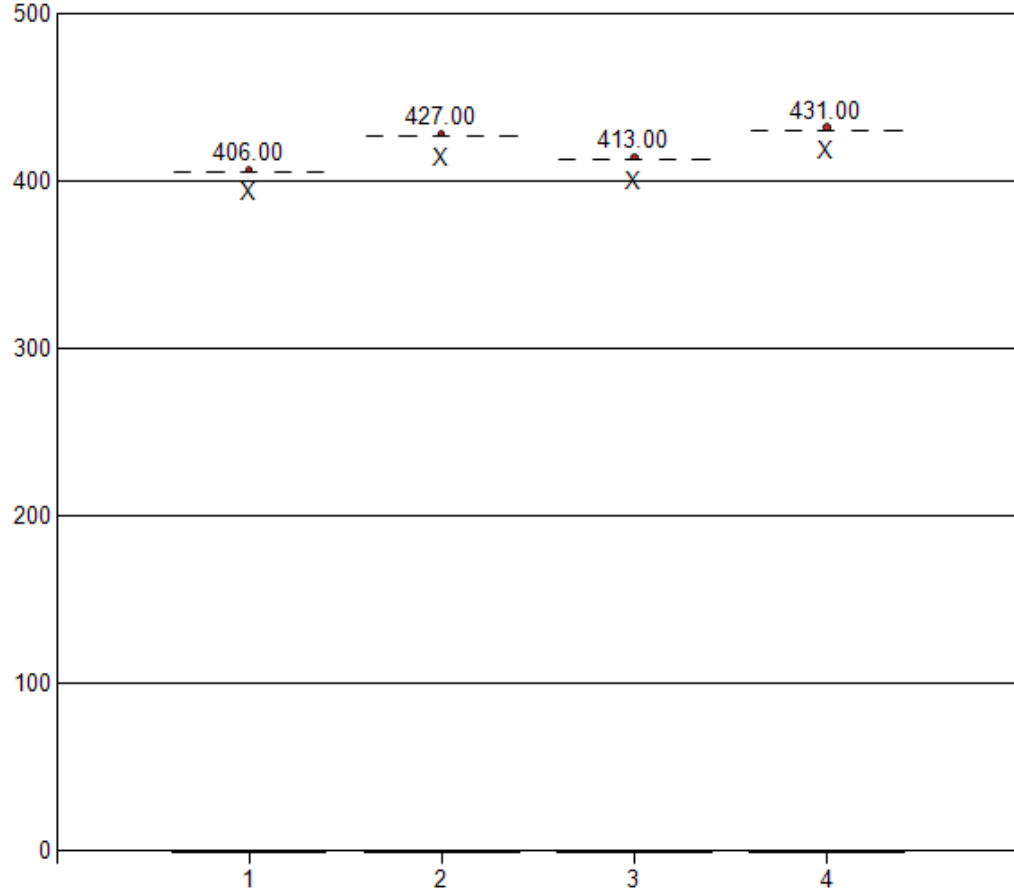


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Olsen

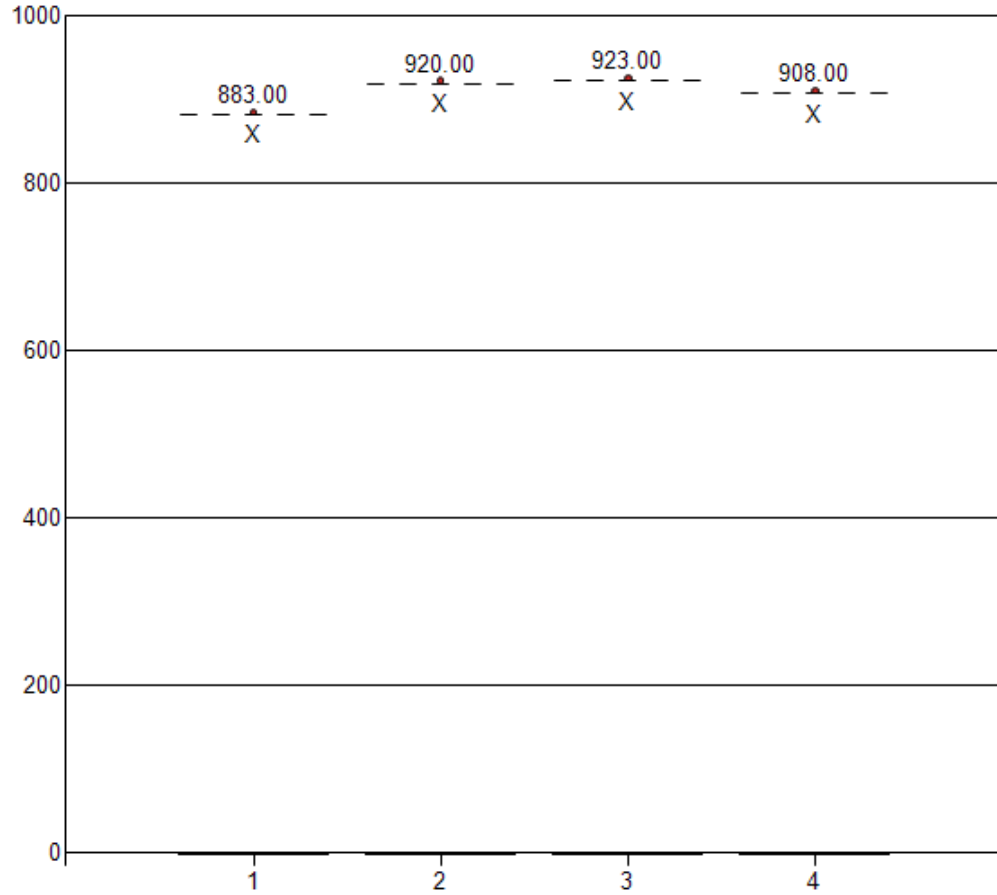
Olsen

Yuma Romaine - AgroThrive - Fall 2025 - End of Season Soil Samples



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Yuma Romaine - AgroThrive - Fall 2025 - End of Season Soil Samples

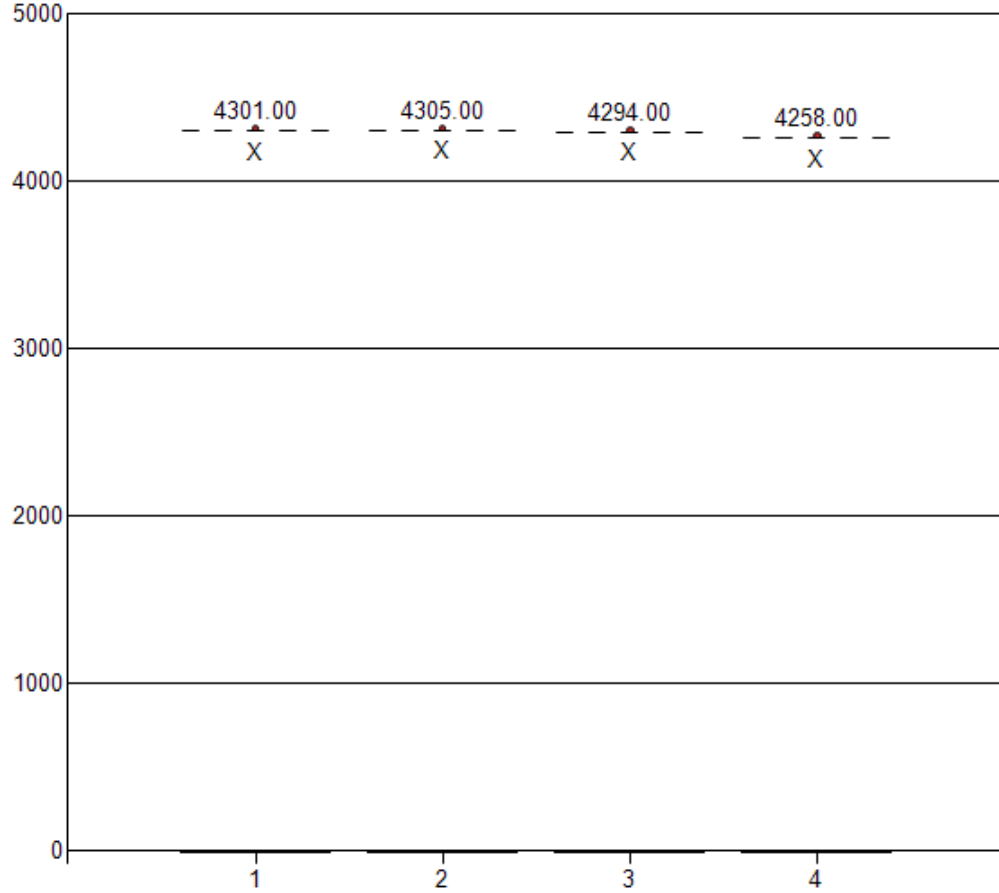


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Mg

Mg

Yuma Romaine - AgroThrive - Fall 2025 - End of Season Soil Samples

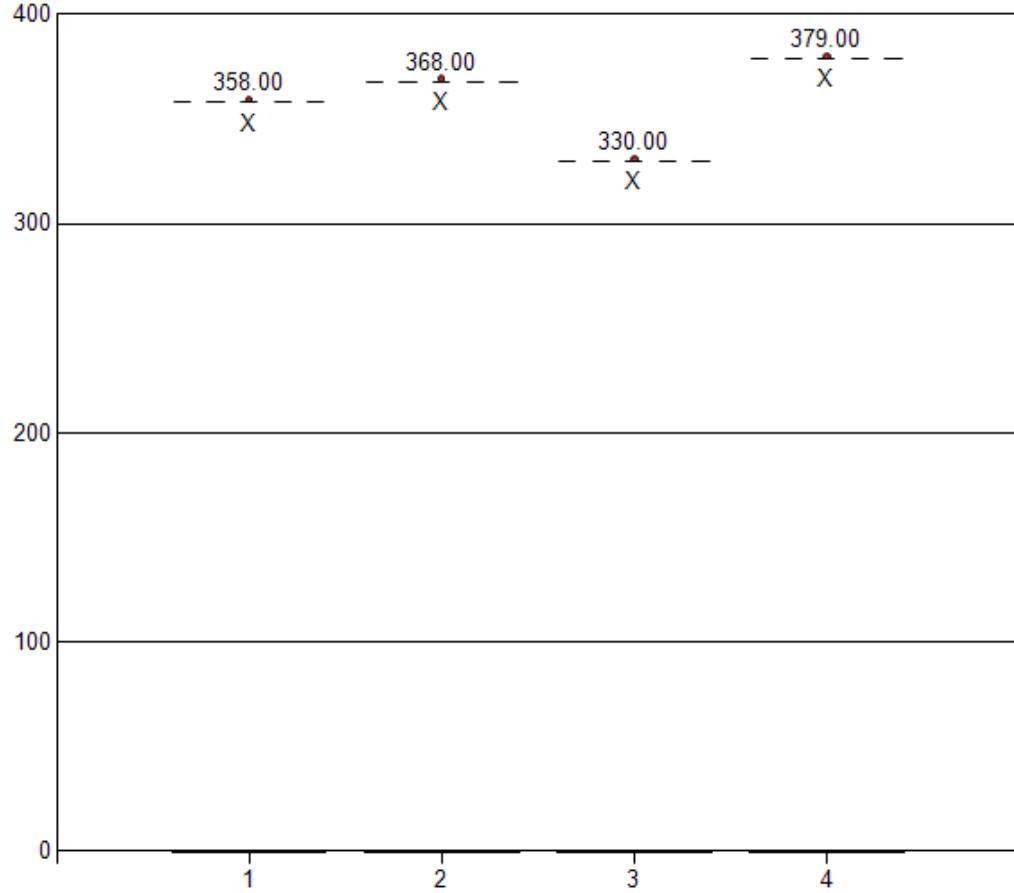


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Ca

Ca

Yuma Romaine - AgroThrive - Fall 2025 - End of Season Soil Samples



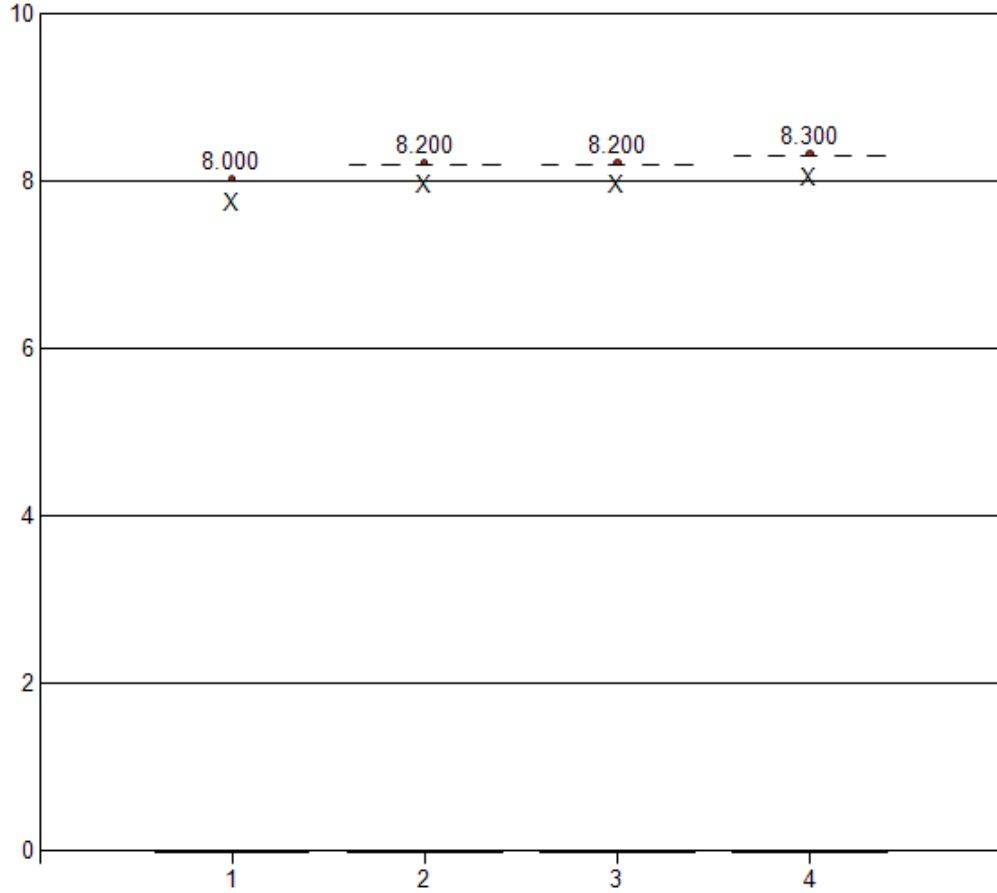
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Na

Na

Yuma Romaine - AgroThrive - Fall 2025 - End of Season Soil Samples

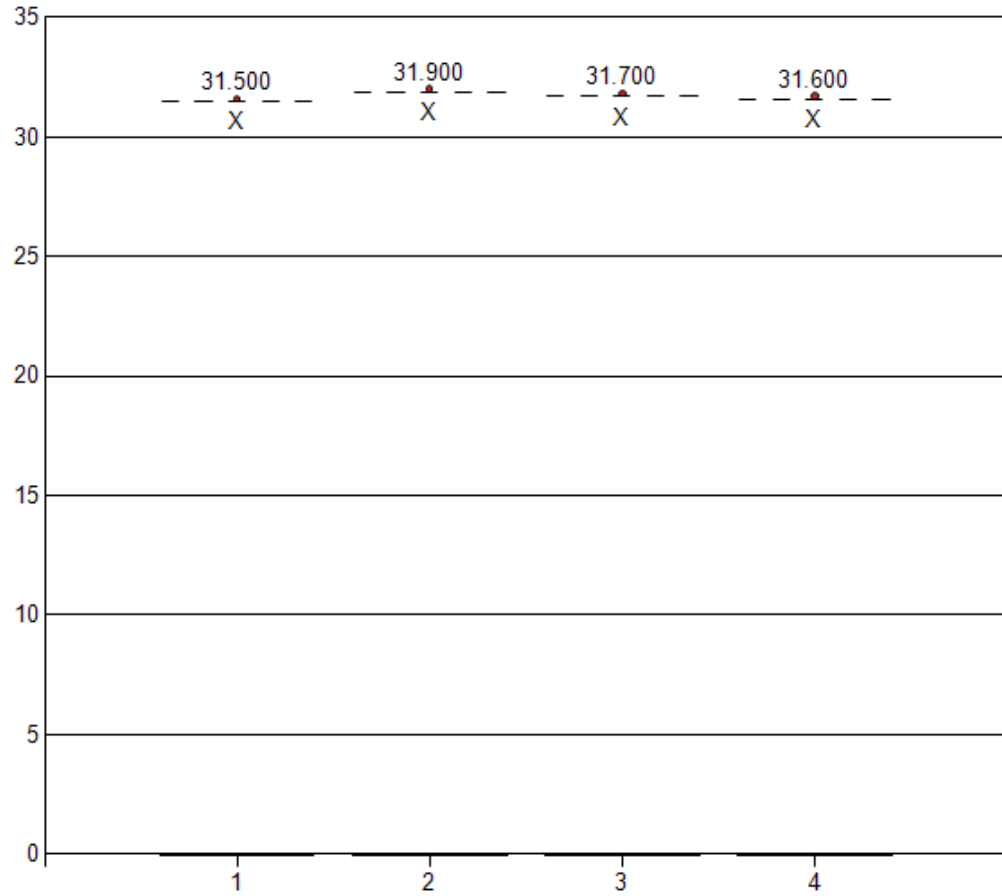
pH



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pH

Yuma Romaine - AgroThrive - Fall 2025 - End of Season Soil Samples

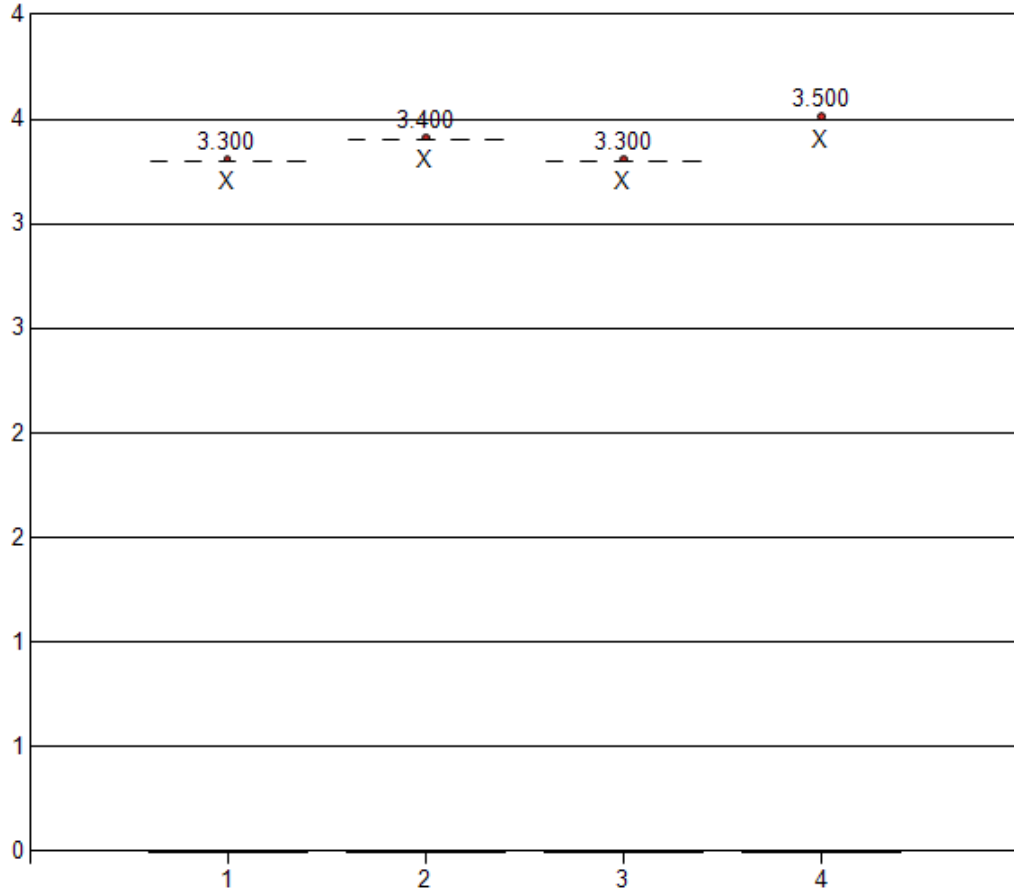


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CEC

CEC

Yuma Romaine - AgroThrive - Fall 2025 - End of Season Soil Samples



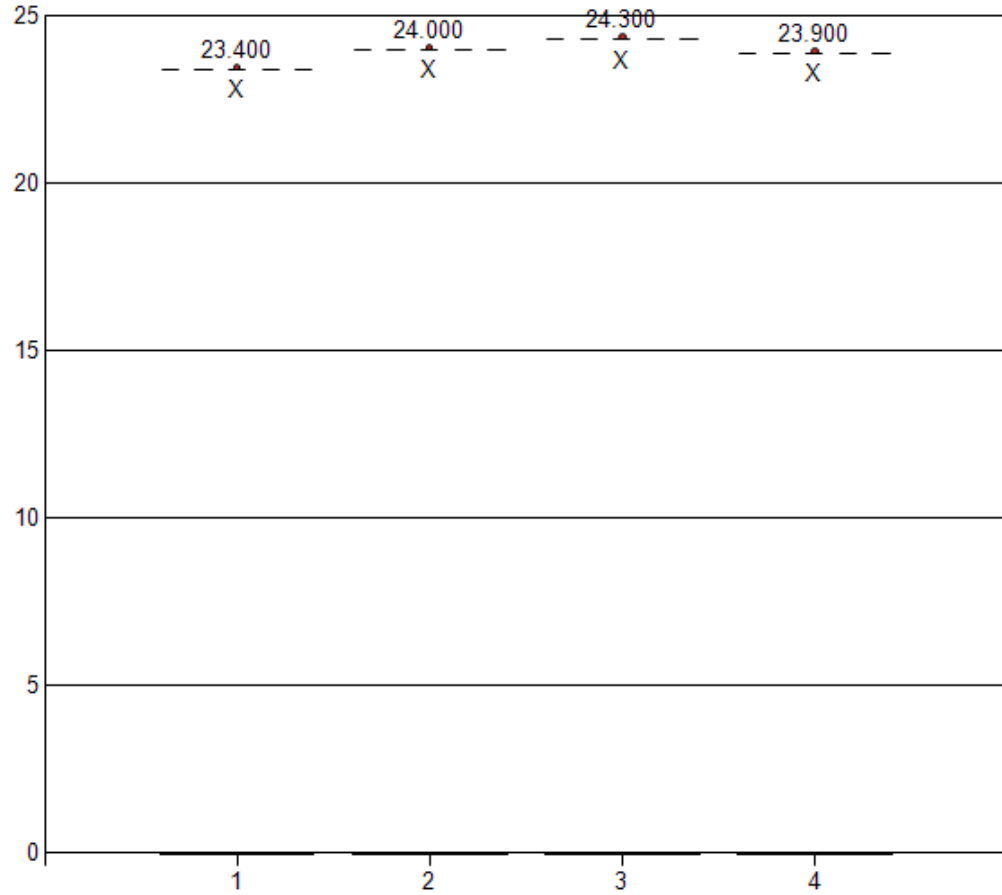
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Percent K

Percent K

Yuma Romaine - AgroThrive - Fall 2025 - End of Season Soil Samples

Percent Mg

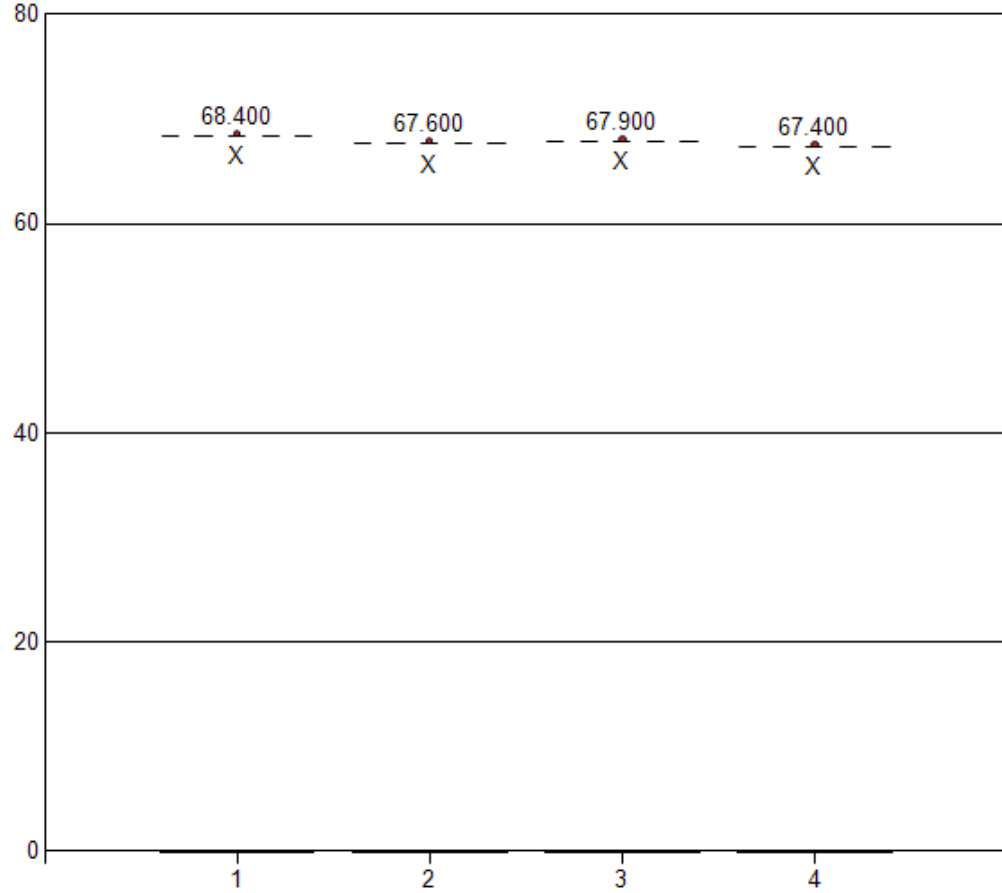


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Percent Mg

Yuma Romaine - AgroThrive - Fall 2025 - End of Season Soil Samples

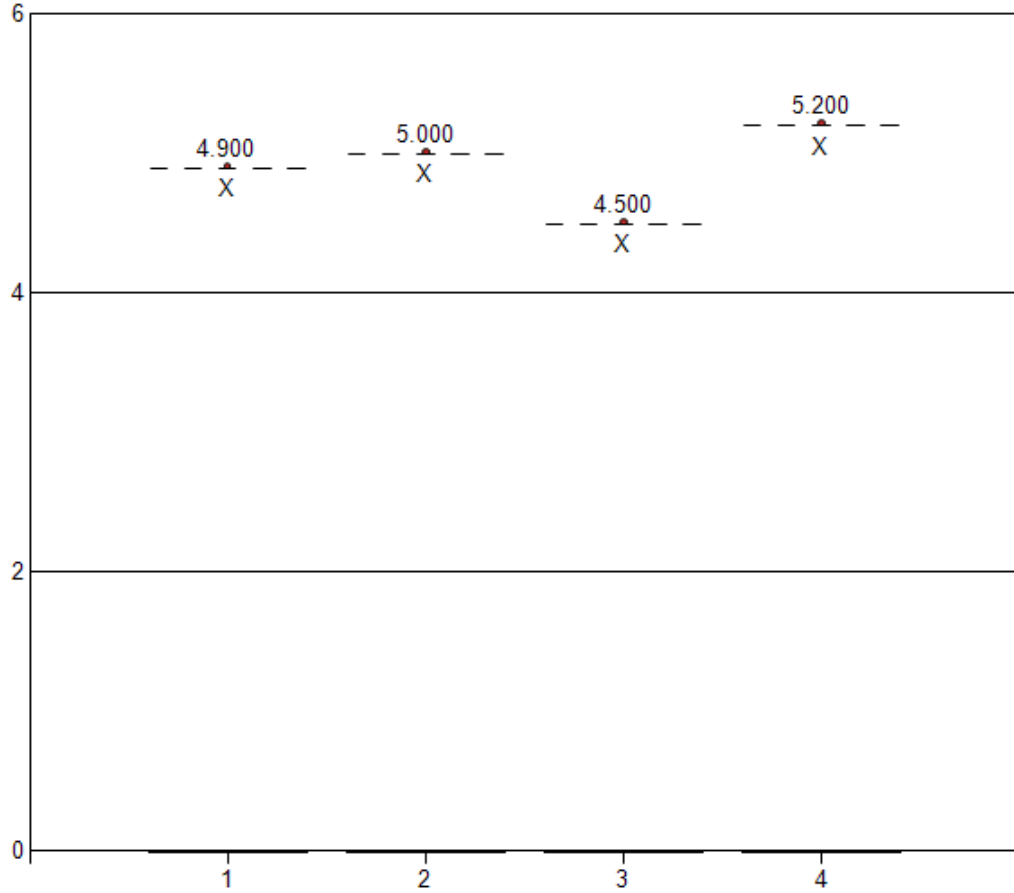
Percent Ca



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Percent Ca

Yuma Romaine - AgroThrive - Fall 2025 - End of Season Soil Samples



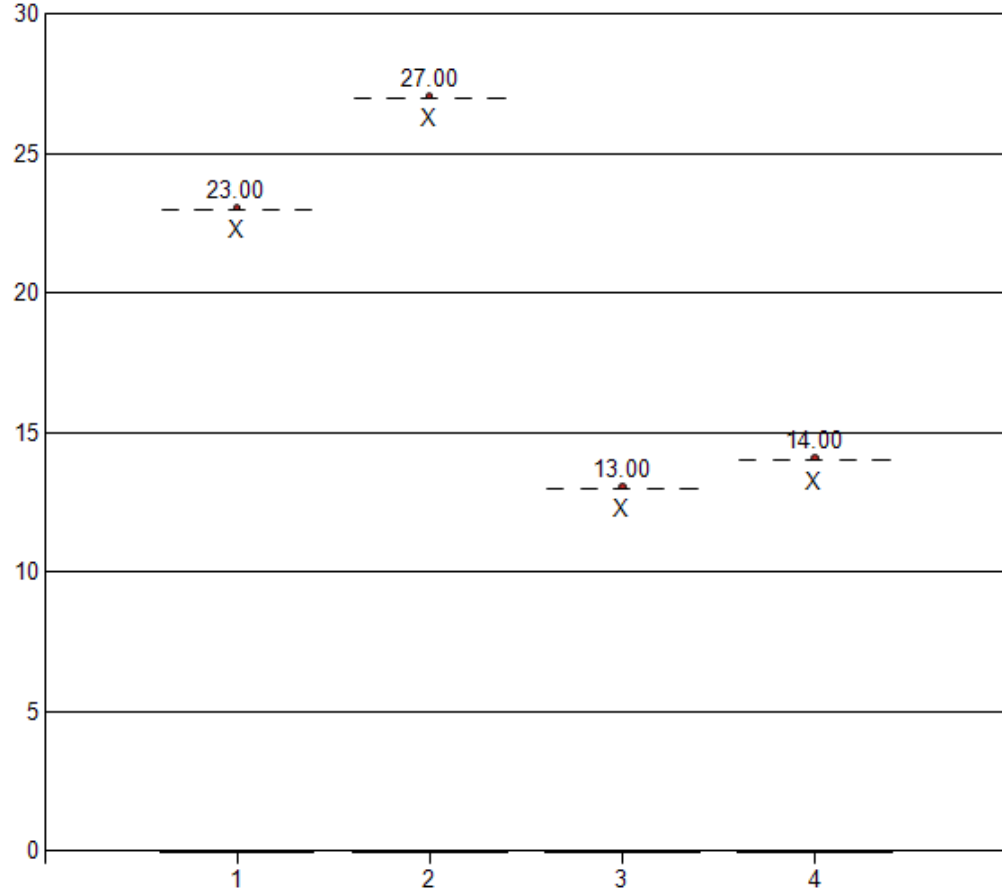
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Percent Na

Percent Na

Yuma Romaine - AgroThrive - Fall 2025 - End of Season Soil Samples

NO3 ppm

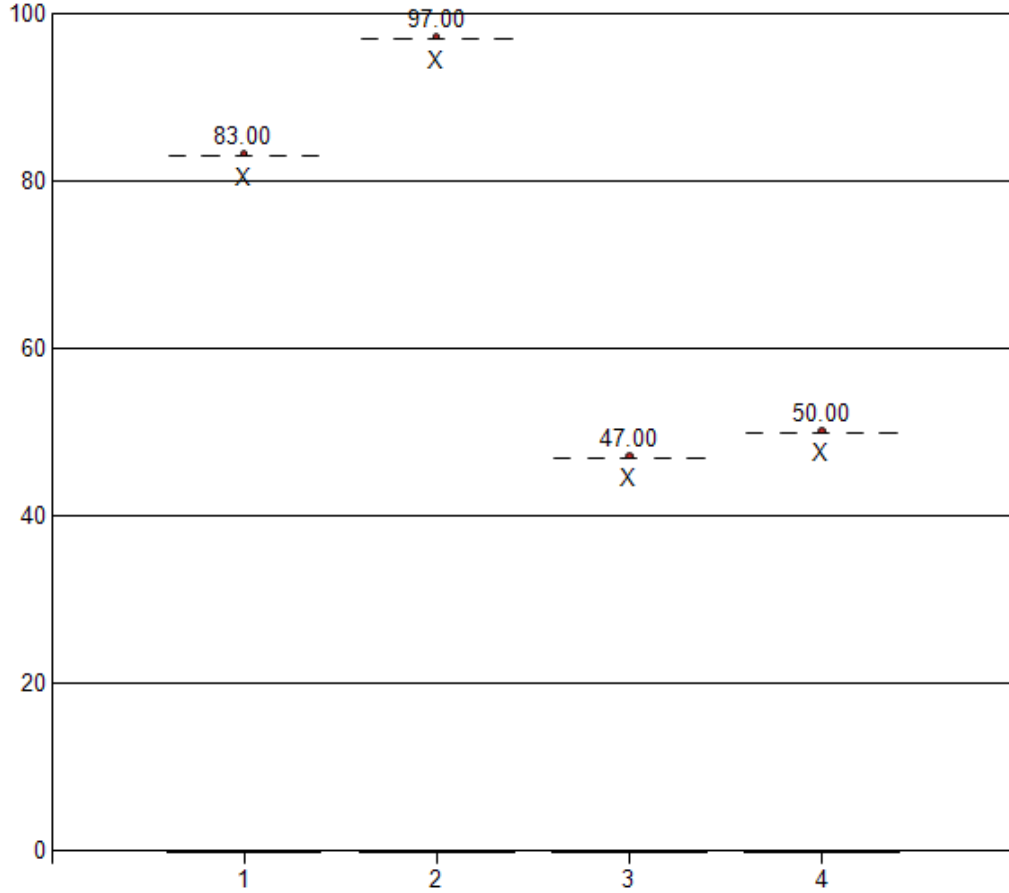


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NO3 ppm

Yuma Romaine - AgroThrive - Fall 2025 - End of Season Soil Samples

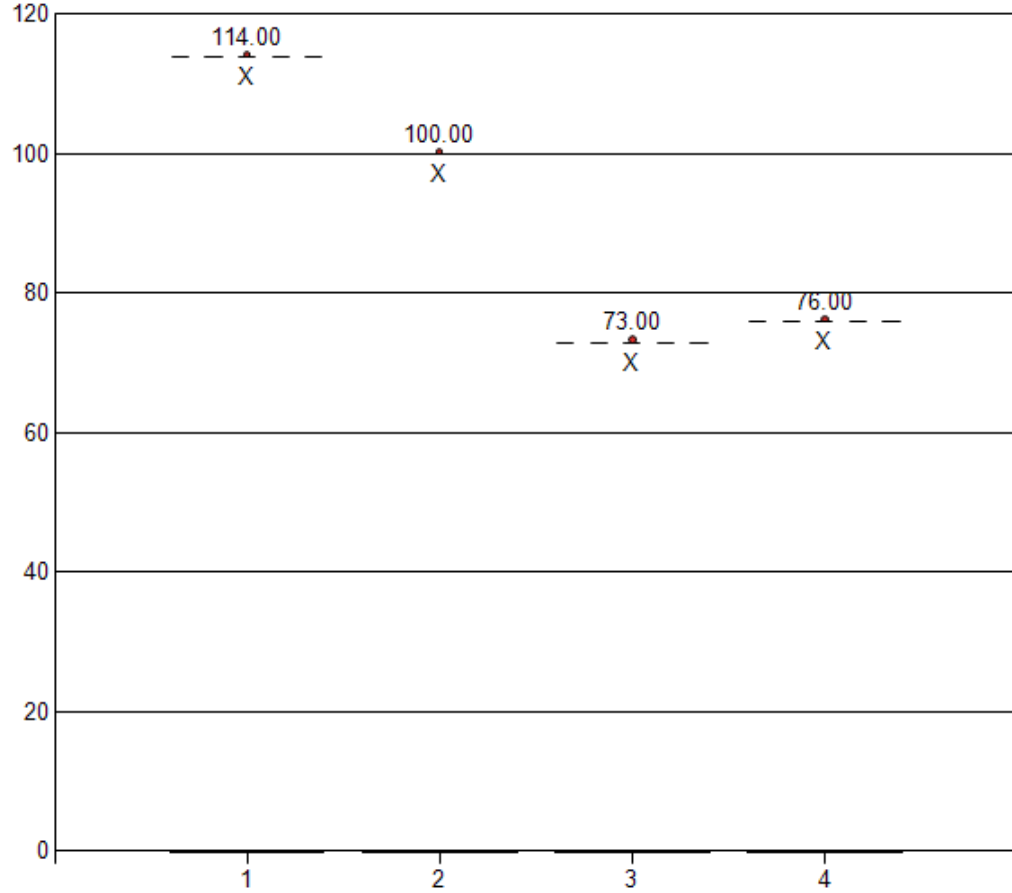
NO3 Lbs/AC



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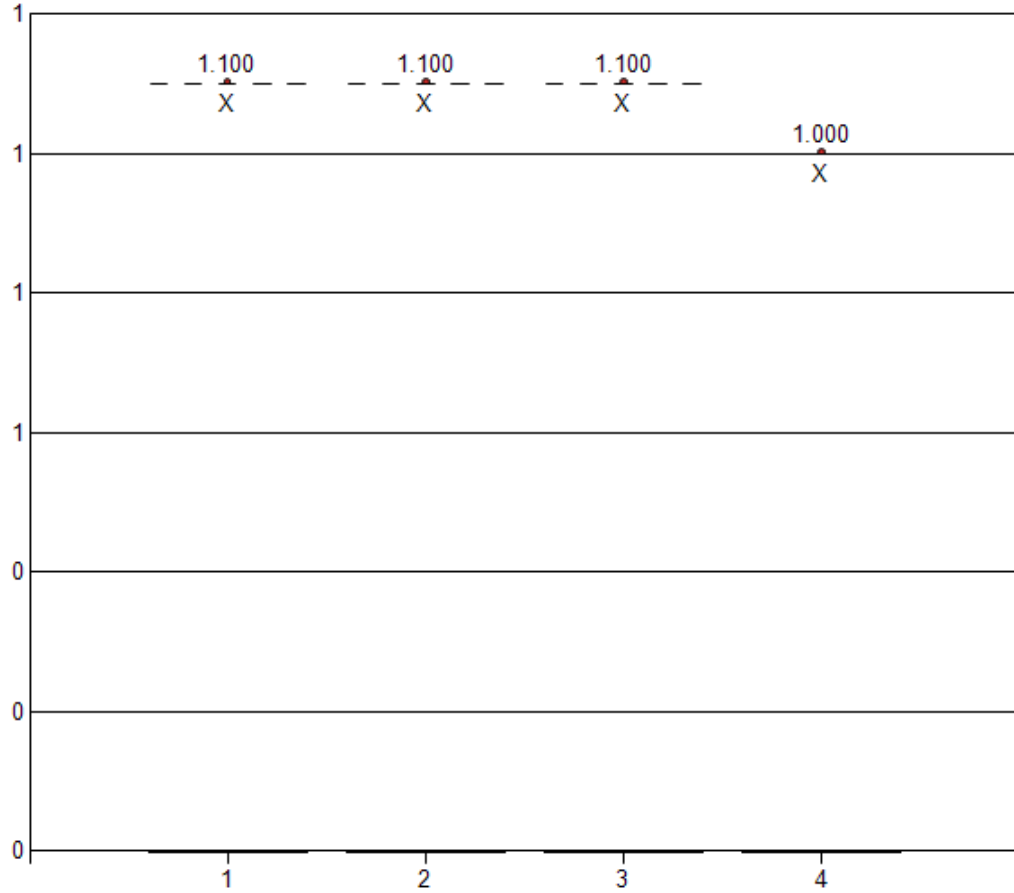
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Yuma Romaine - AgroThrive - Fall 2025 - End of Season Soil Samples



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Yuma Romaine - AgroThrive - Fall 2025 - End of Season Soil Samples

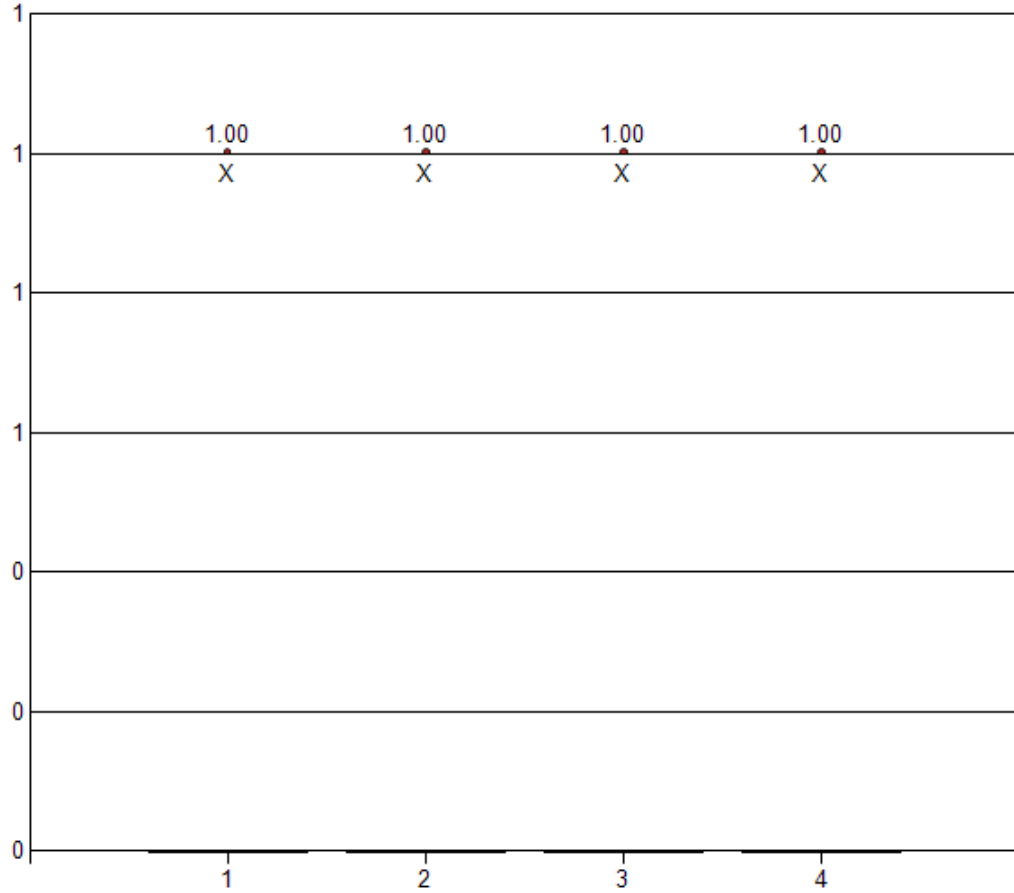






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Zn

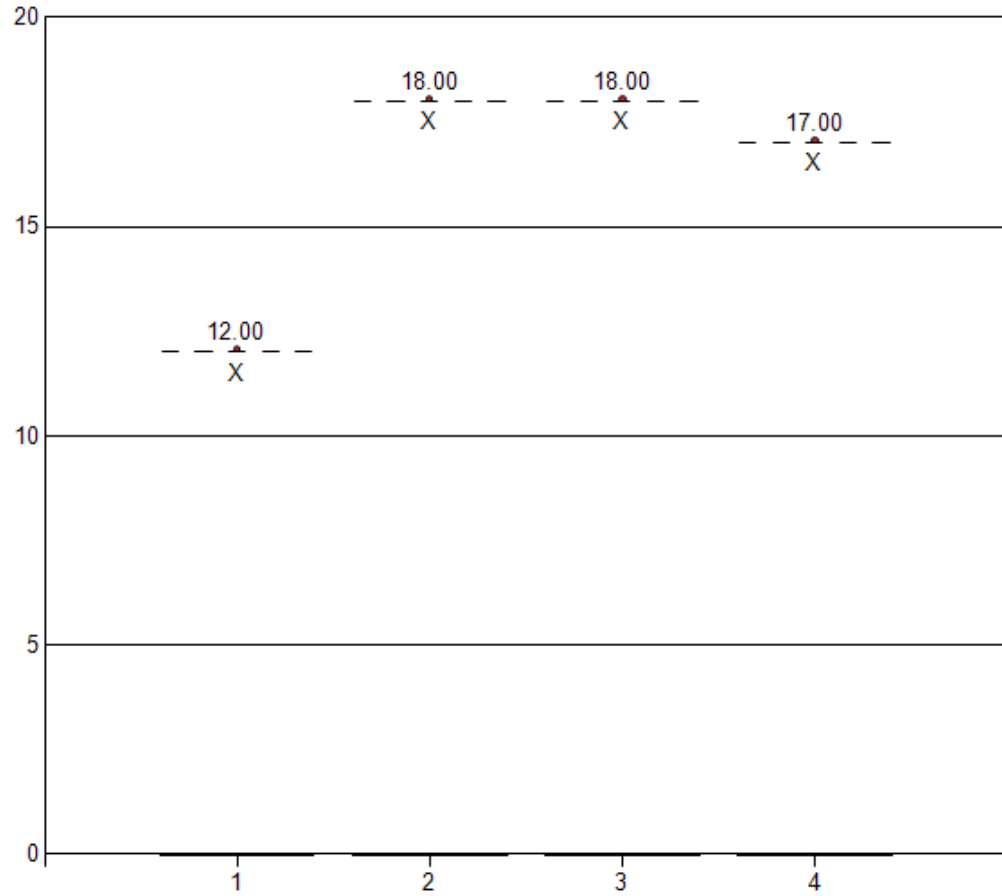
Zn

Yuma Romaine - AgroThrive - Fall 2025 - End of Season Soil Samples



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Yuma Romaine - AgroThrive - Fall 2025 - End of Season Soil Samples

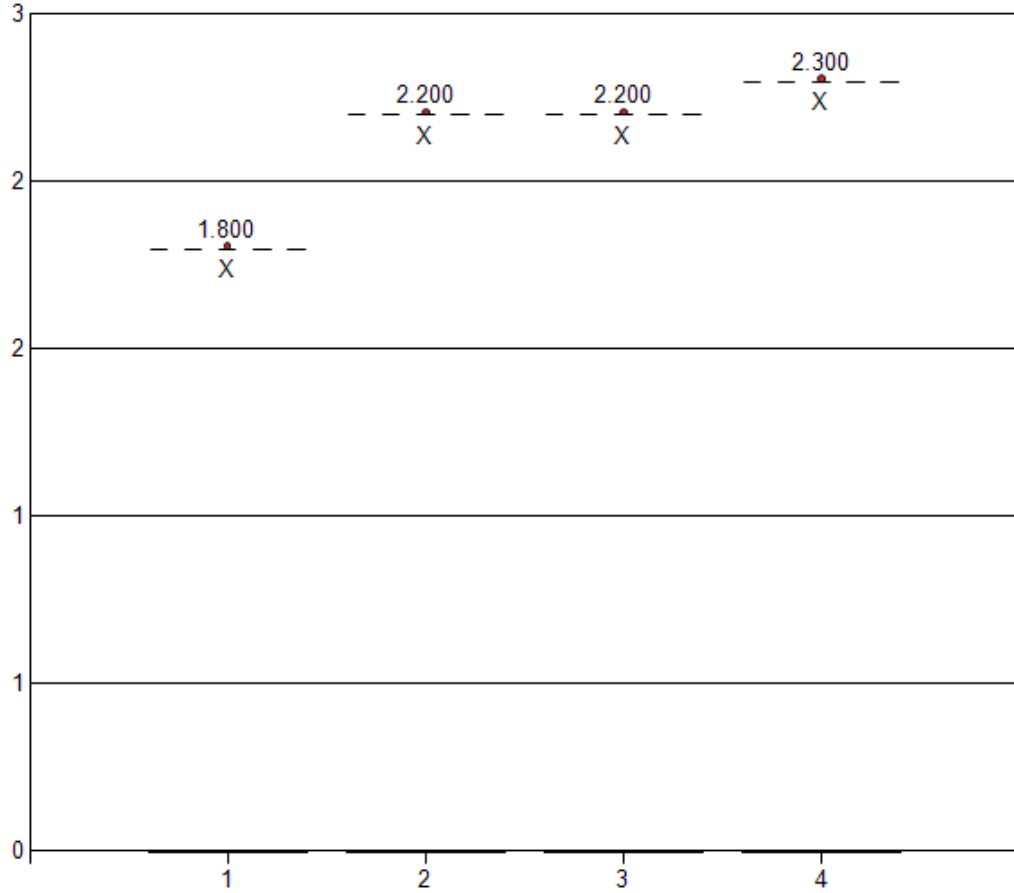


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Fe

Fe

Yuma Romaine - AgroThrive - Fall 2025 - End of Season Soil Samples

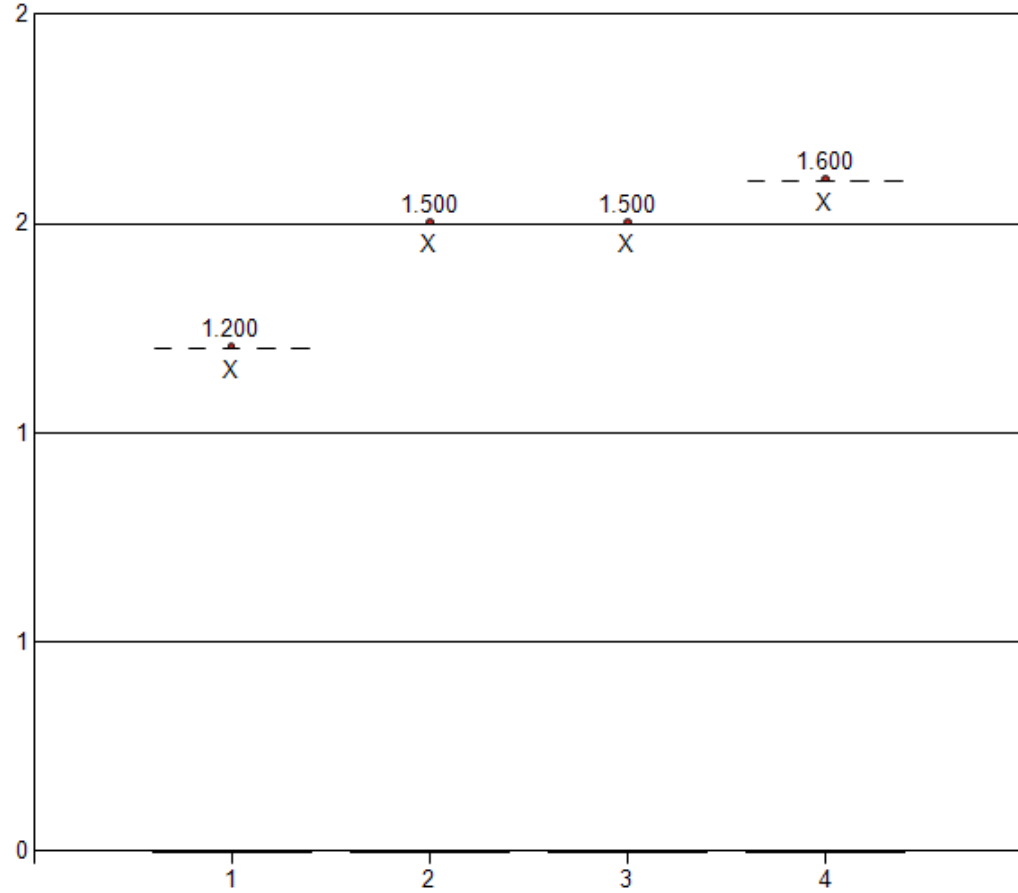


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Cu

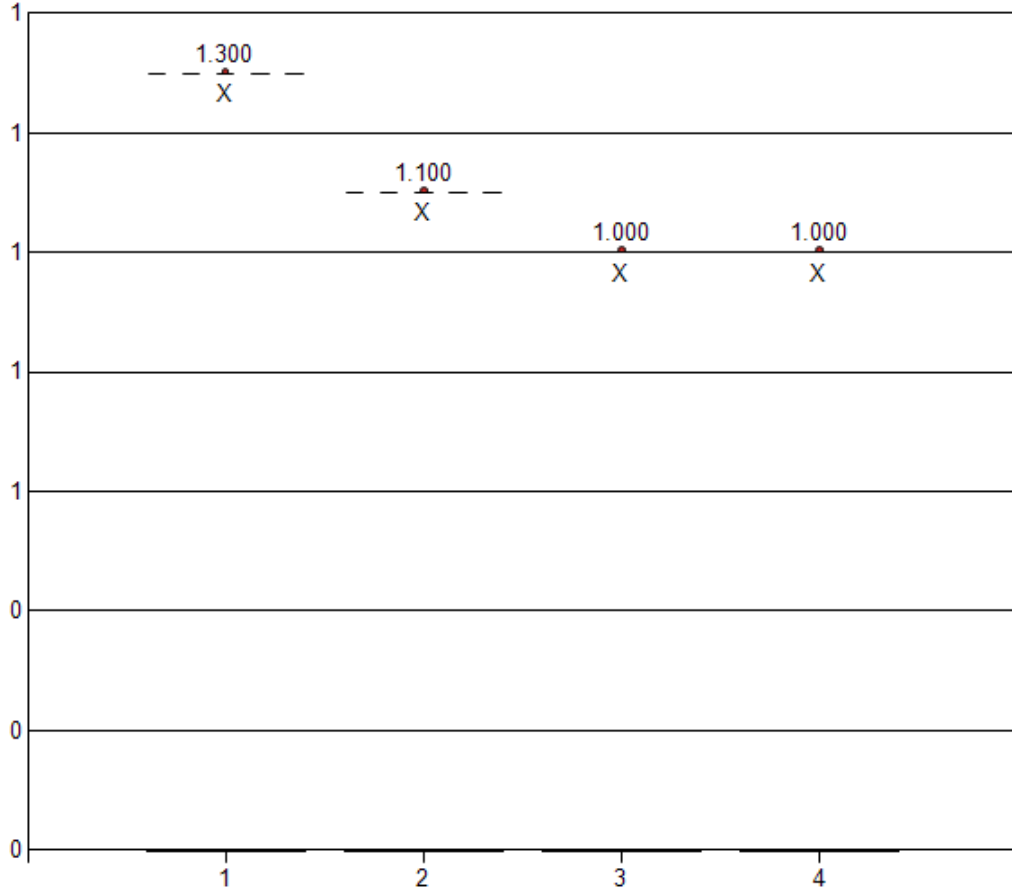
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Yuma Romaine - AgroThrive - Fall 2025 - End of Season Soil Samples



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Yuma Romaine - AgroThrive - Fall 2025 - End of Season Soil Samples



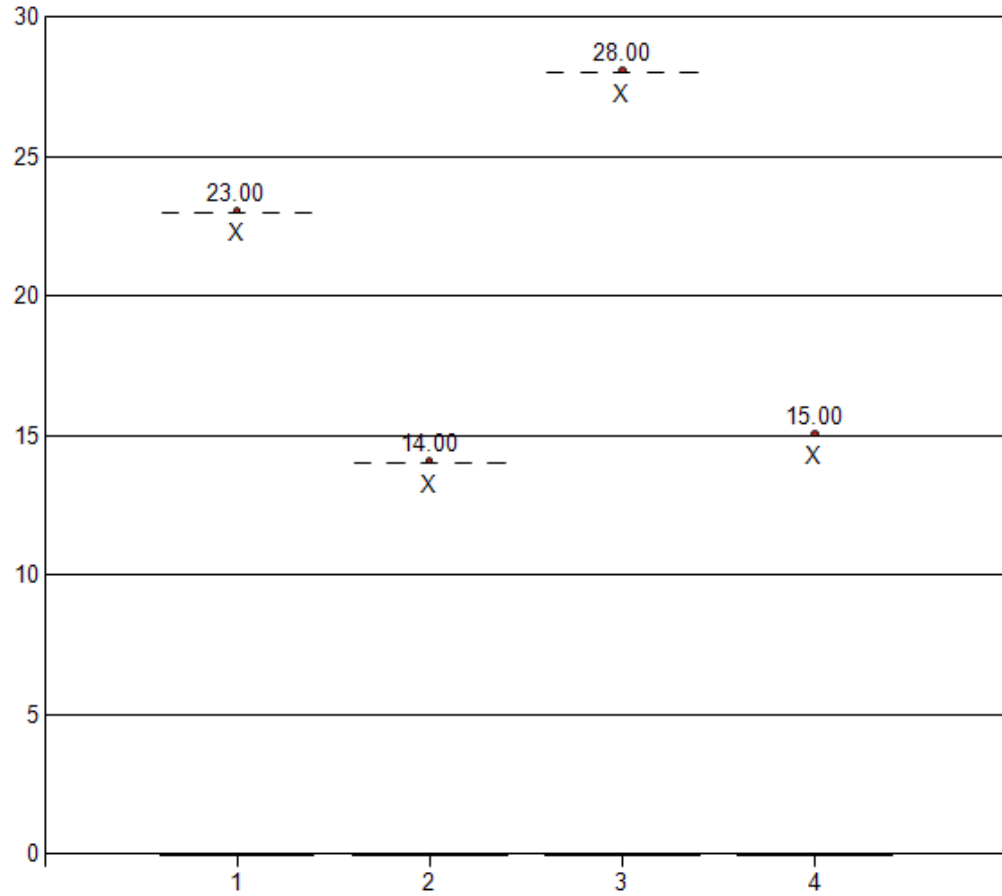
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Sol Salts

Sol Salts

Yuma Romaine - AgroThrive - Fall 2025 - End of Season Soil Samples

Bicarb



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Bicarb

Plot Photos



Plot - 2107

Trt - 1



Plot - 2207
Trt - 2



Plot - 2307
Trt - 4



Plot - 2407

Trt - 3



Plot - 2108

Trit - 3



Plot - 2208
Trt - 4



Plot - 2308

Trit - 1



Plot - 2408
Trt - 2



Plot - 2109
Trt - 4



Plot - 2209

Trit - 1



Plot - 2309

Trt - 2



Plot - 2409

Trit - 3



Plot - 2110
Trt - 2



Plot - 2210
Trt - 3



Plot - 2310

Trit - 4



Plot - 2410
Trt - 1



Plot - 2111
Trt - 1







Plot - 2411
Trt - 4



Plot-2112
Trt-4



Plot - 2212
Trt - 3



Plot - 2312
Trt - 1



Plot - 2412
Trt - 2