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Date: 12-Nov-02
To: Anywhere Farms
From: Aron A. Quist, CPAg/SS
SUBJECT: Anywere Field, Soil Analysis Report

Thank you for giving Stanworth Crop Consultants, Inc the opportunity to work on this project.

Attached are the soil test results. Page one shows the layout of the field and soil sample points. Sites were sampled incrementally 0-1 foot deep (top foot), 1-2 feet (second foot), and 2-3 feet (third foot).

Maps marked SP indicate the moisture holding capacity and soil texture can be estimated from these results. The legend indicates red as sandy soils, green as loam, and grey as clay soils, generally. The majority of the samples indicated the soils as sand- loamy sand texture. We will analyze for % sand, % silt, and % clay in a few samples and forward these results to you when completed.

Maps marked ECe indicate the soil salinity resident in the soil. The legend indicates the lowest salinity as dark green and the highest salinity as red. The salinity increases from east to west generally. This increase is inverse to elevation as the elevation decreases from east to west. Salinity in this field is low in the higher elevation areas and higher in the lower elevation. Therefore, high salinity may be caused by poor drainage. More investigation is needed.

Interpretation of soil salinity results is attached as the Maas reduction in crop yield potential due to ECe maps. These show the reduction in yield for the labeled crop by color. The legend is interpreted as: dark green, no decrease in yield potential due to salinity: green, up to 10% loss in yield potential: light green, up to 25% loss in yield potential: yellow, up to 50% loss in yield potential: red, up to the maximum: black over the maximum allowed for the crop. The level used to prepare these maps is the average salinity over the whole three foot profile.

ANYWHERE FARMS EVERYWHERE, CALIFORNIA

ANYWHERE FIELD, 419.3 AC GIS/GPS SURVEY

MAP LEGEND

- ▼ Soil Sample Point
- ↘ Surface Drain
- ⊙ Turnout Port
- ↗ Gate
- ▭ Field Boundary

Display Streets

- Street
- Secondary Highway
- - - Trail
- Primary Highway

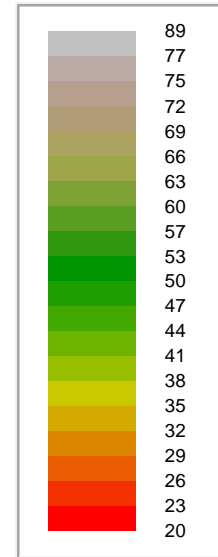
Water Rivers

- Stream, River, Canal or Ditch

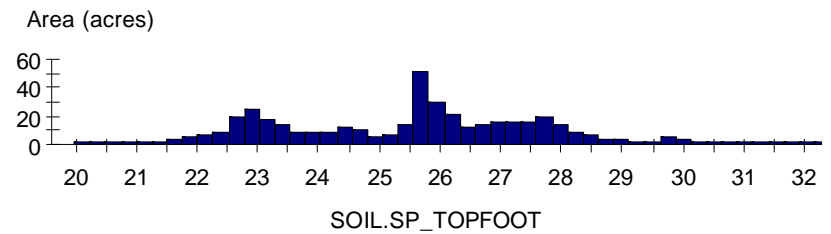
STANWORTH CROP CONSULTANTS, INC



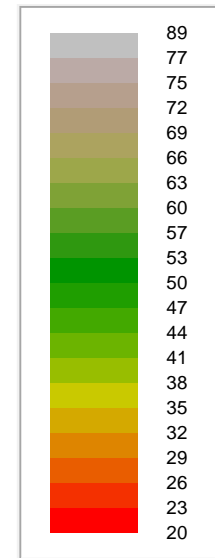
SOIL.SP_TOPFOOT



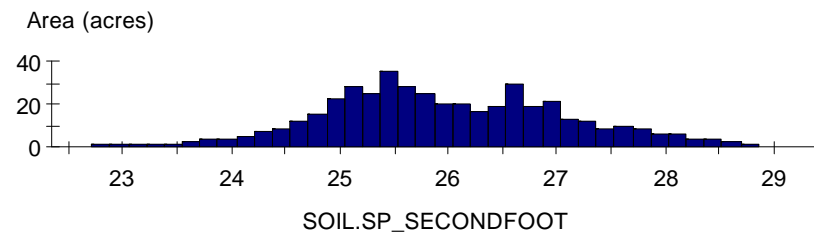
Min:	19.6
Max:	32.3
Range:	12.7
Mean:	25.4
Median:	25.6
Variance:	5.2
Std Dev:	2.28
Area:	448 acres



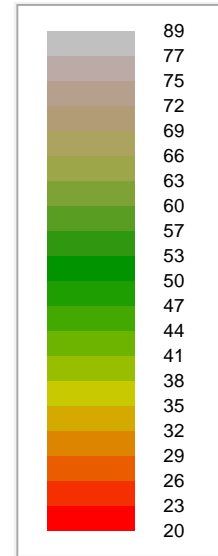
SOIL.SP_SECONDFOOT



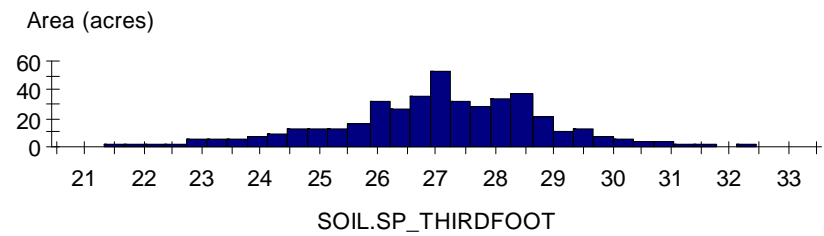
Min:	21.8
Max:	30.1
Range:	8.28
Mean:	25.9
Median:	25.8
Variance:	1.31
Std Dev:	1.14
Area:	448 acres



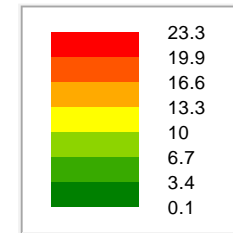
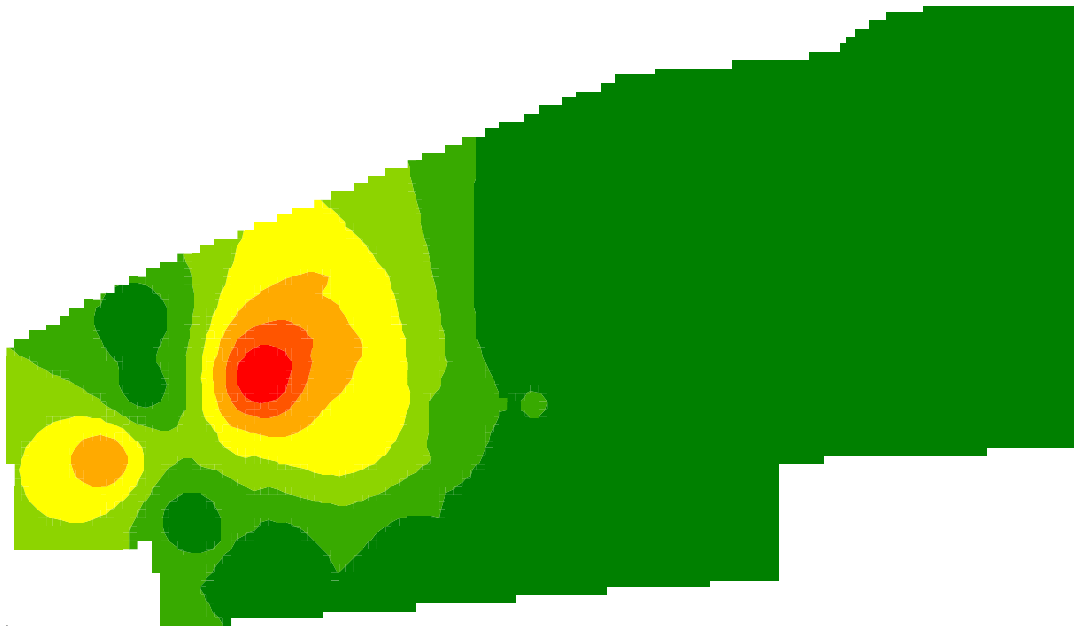
SOIL.SP_THIRDFOOT



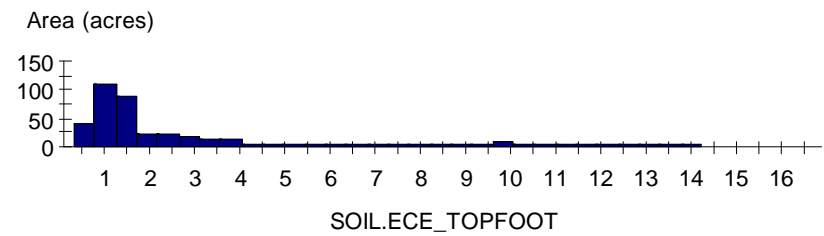
Min:	20.1
Max:	37.5
Range:	17.4
Mean:	27
Median:	26.9
Variance:	4.5
Std Dev:	2.12
Area:	448 acres



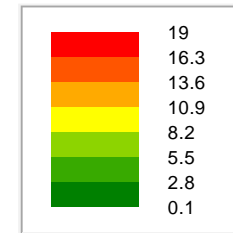
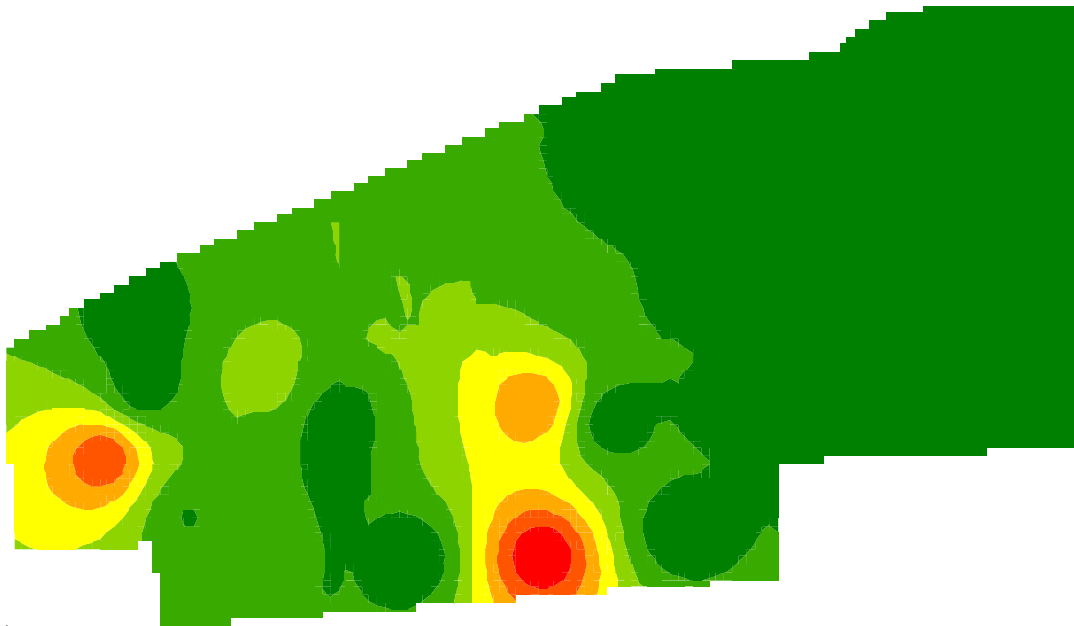
SOIL.ECE_TOPFOOT



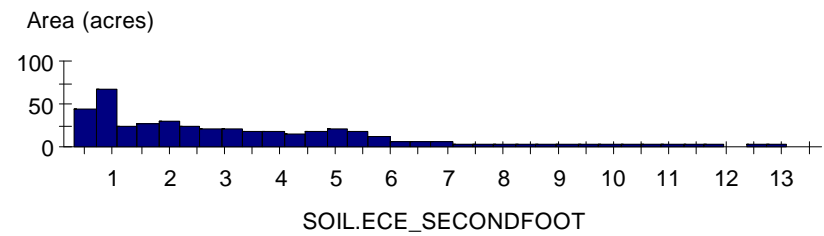
Min:	0.0957
Max:	23.3
Range:	23.2
Mean:	3.63
Median:	1.41
Variance:	18.4
Std Dev:	4.28
Area:	448 acres



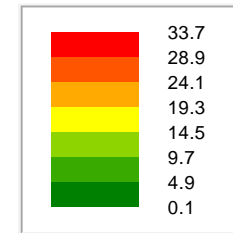
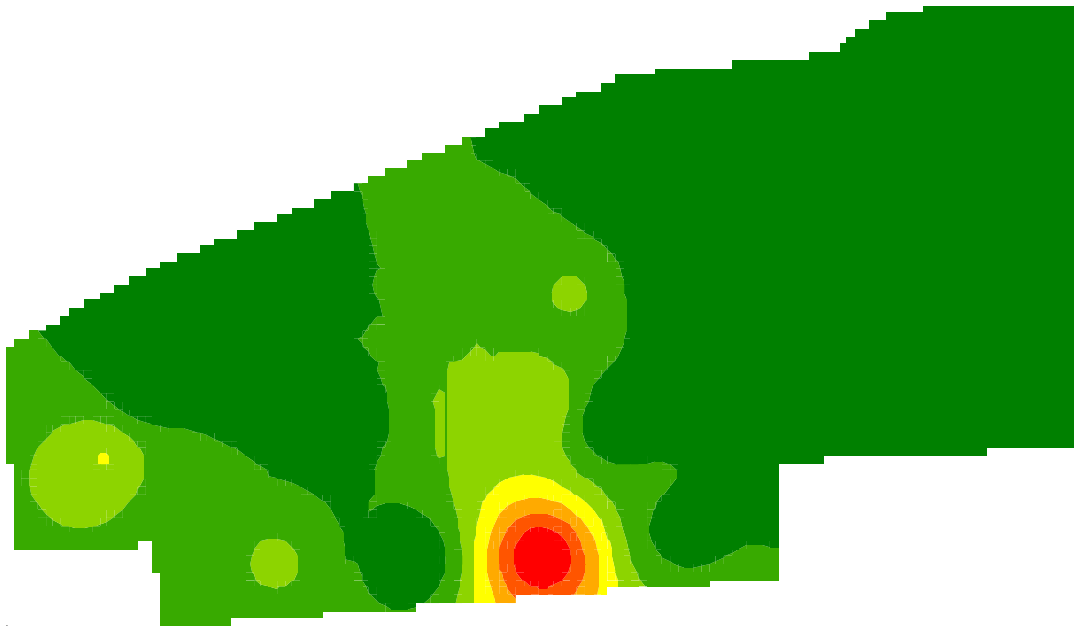
SOIL.ECE_SECONDFOOT



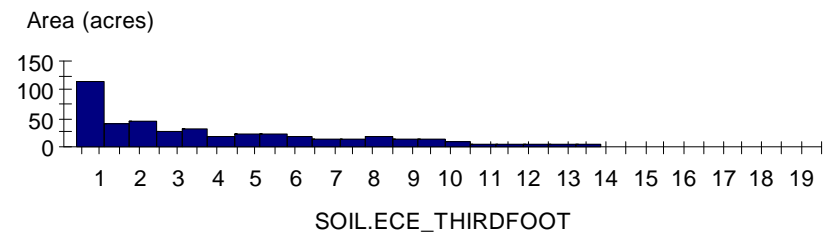
Min:	0.124
Max:	19
Range:	18.8
Mean:	3.48
Median:	2.52
Variance:	11
Std Dev:	3.31
Area:	448 acres



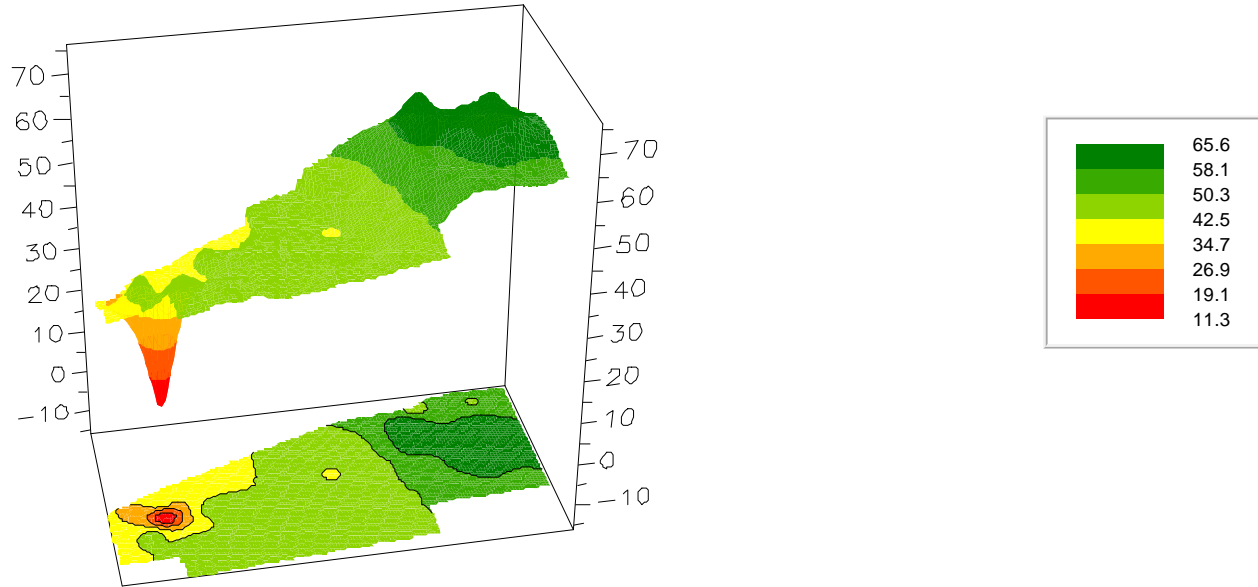
SOIL.ECE_THIRDFOOT



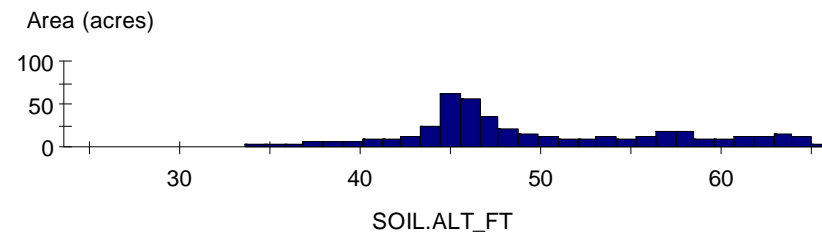
Min:	0.0726
Max:	33.7
Range:	33.7
Mean:	4.36
Median:	2.8
Variance:	23.9
Std Dev:	4.89
Area:	448 acres



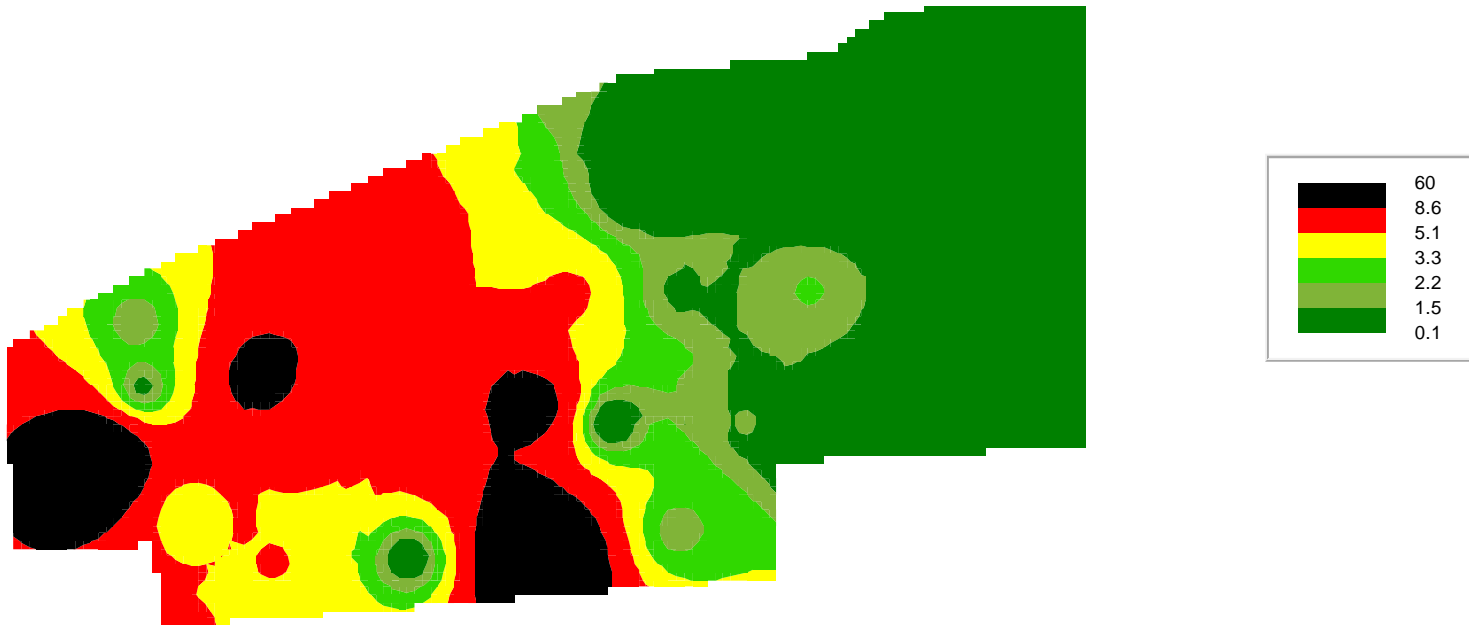
SOIL.ALT_FT



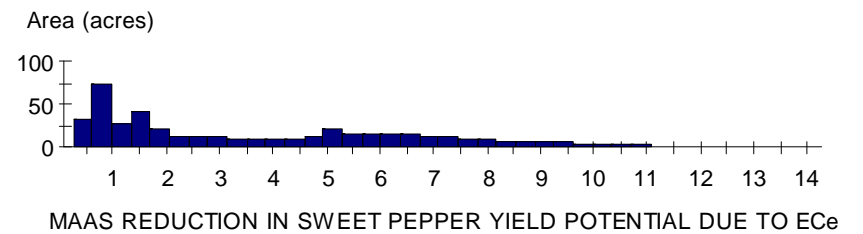
Min:	11.3
Max:	65.6
Range:	54.3
Mean:	48.7
Median:	46.5
Variance:	65.7
Std Dev:	8.11
Area:	448 acres



MAAS REDUCTION IN SWEET PEPPER YIELD POTENTIAL DUE TO ECe



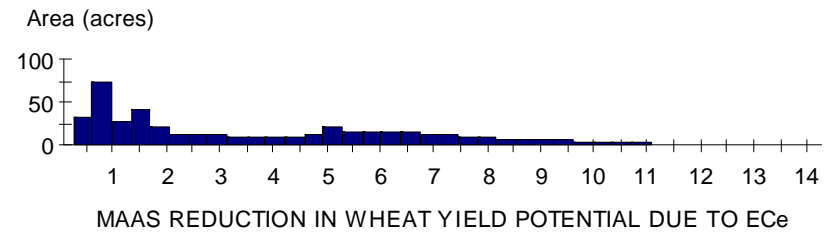
Min:	0.0975
Max:	18.1
Range:	18
Mean:	3.82
Median:	2.82
Variance:	11.3
Std Dev:	3.37
Area:	448 acres



MAAS REDUCTION IN WHEAT YIELD POTENTIAL DUE TO ECe



Min:	0.0975
Max:	18.1
Range:	18
Mean:	3.82
Median:	2.82
Variance:	11.3
Std Dev:	3.37
Area:	448 acres



MAAS REDUCTION IN ZUCCHINI YIELD POTENTIAL DUE TO ECe



Min:	0.0975
Max:	18.1
Range:	18
Mean:	3.82
Median:	2.82
Variance:	11.3
Std Dev:	3.37
Area:	448 acres

