



**Terra Ag Technologies provides farms of all sizes with sustainable, regenerative programs to achieve increased carbon sequestration and soil regeneration.**

Buyers of Carbon credits are seeking growers who can meet and exceed their business' sustainability goals while increasing the carbon sequestration and soil regeneration producing more carbon credits per acre.

Organic Plant & Soil Pro 2<sup>®</sup> from Terra Ag Technologies delivers quantifiable results of carbon sequestration and soil regeneration that leads to healthier and more productive farmland year after year, delivering more tons of carbon sequestration per acre.

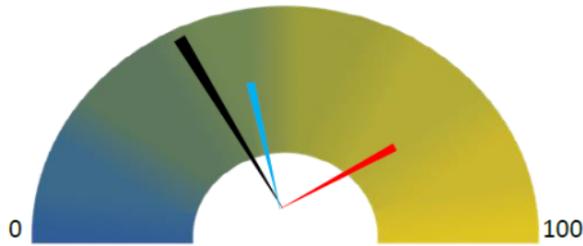
We quantify carbon sequestration and soil regeneration data by extensive soil collection, validate field-level results, helping growers exceed the requirements demanded by corporate clients.

Growers who take advantage of the carbon sequestration and soil regeneration data provided by Terra Ag Technologies will be at the forefront of defining the future of sustainable agriculture. Our grower partners will ultimately become the preferred supply chain providers to the largest national and global buyers of carbon credits and seek greater transparency from users of sustainable production practices.

# Control Soil Condition

Soil Health Panel	Units		Ranking:
Microbial Rate	ppm	24.4	V Low
Solvita Response	(0-5)	3.01	Low
Soil Amino-N	ppm	0	Low
Crumb Aggregates	Vol %	7	Low
Scoop Bulk Density	g/cc	1.17	Optimal
Total Carbon	%	0.892	Low

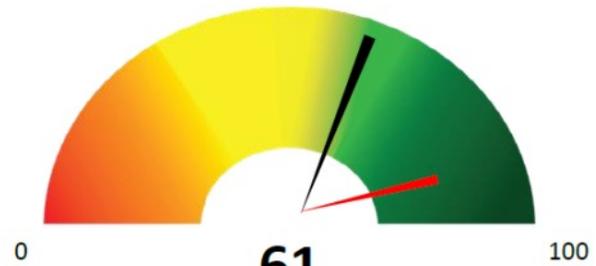
Nutrients as: lb/a	Interpretative Guidelines			Est. Carbon: lb/a
	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	20.873
Soil Supply	79	2623	1311	
Crop Use	175	30	195	
Difference	96	0	0	
<b>Suggested Need</b>	<b>123</b>	<b>0</b>	<b>0</b>	Est.CEC, meq 23.1
Other Notations	Low Status	Excess	Excess	



**32**

## SOIL REGENERATION SCORE

YOUR VALUE IS BLACK POINTER.  
BLUE is Minimum and RED is Optimal Target



**61**

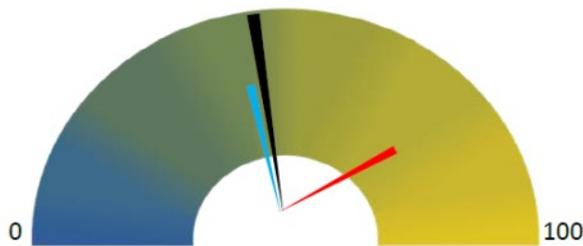
## OVERALL FERTILITY SCORE

YOUR VALUE IS BLACK. RED LINE IS REGION-EXPECTED TARGET

# Treated Condition Soil Regeneration Improved

Soil Health Panel	Units		Ranking:
Microbial Rate	ppm	59.9	Med-Low
Solvita Response	(0-5)	3.09	Low
Soil Amino-N	ppm	23	Low
Crumb Aggregates	Vol %	31	Medium
Scoop Bulk Density	g/cc	1.09	Optimal
Total Carbon	%	1.330	Med-Low

Nutrients as: lb/a	Interpretative Guidelines			Est. Carbon: lb/a
	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	28.905
Soil Supply	122	2533	1292	
Crop Use	175	30	195	
Difference	53	0	0	
<b>Suggested Need</b>	<b>123</b>	<b>0</b>	<b>0</b>	Est.CEC, meq 31.5
Other Notations	Low Status	Excess	Normal	



**44**

## SOIL REGENERATION SCORE

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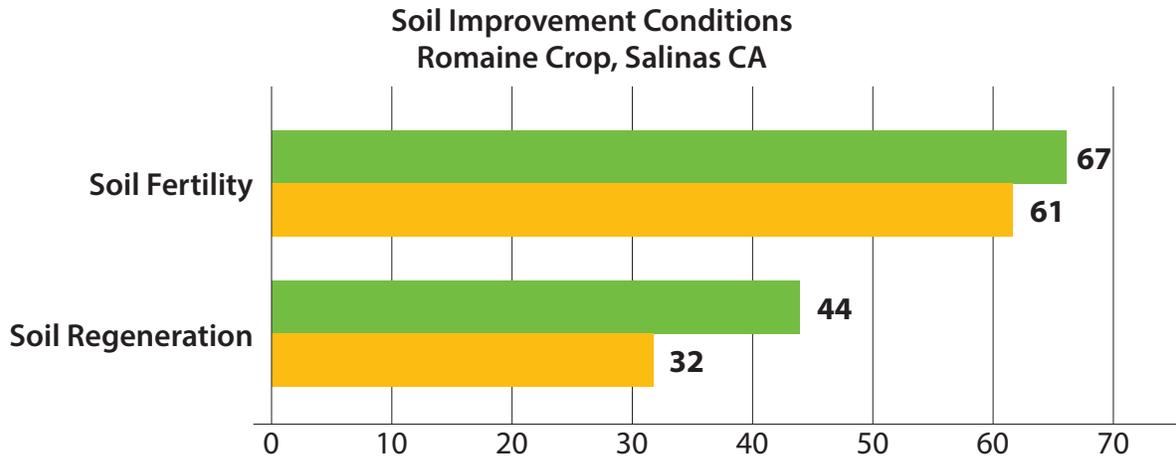


**67**

## OVERALL FERTILITY SCORE

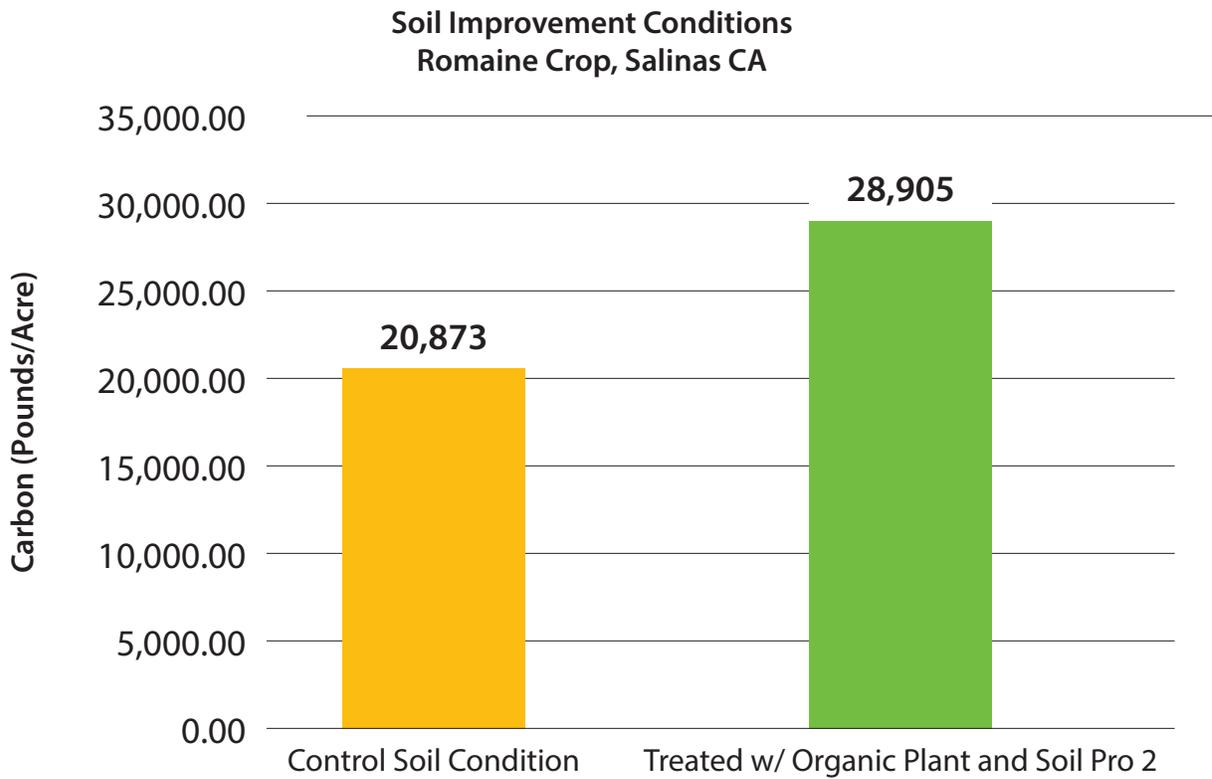
YOUR VALUE IS BLACK. RED LINE IS REGION-EXPECTED TARGET

# Soil Regeneration Results



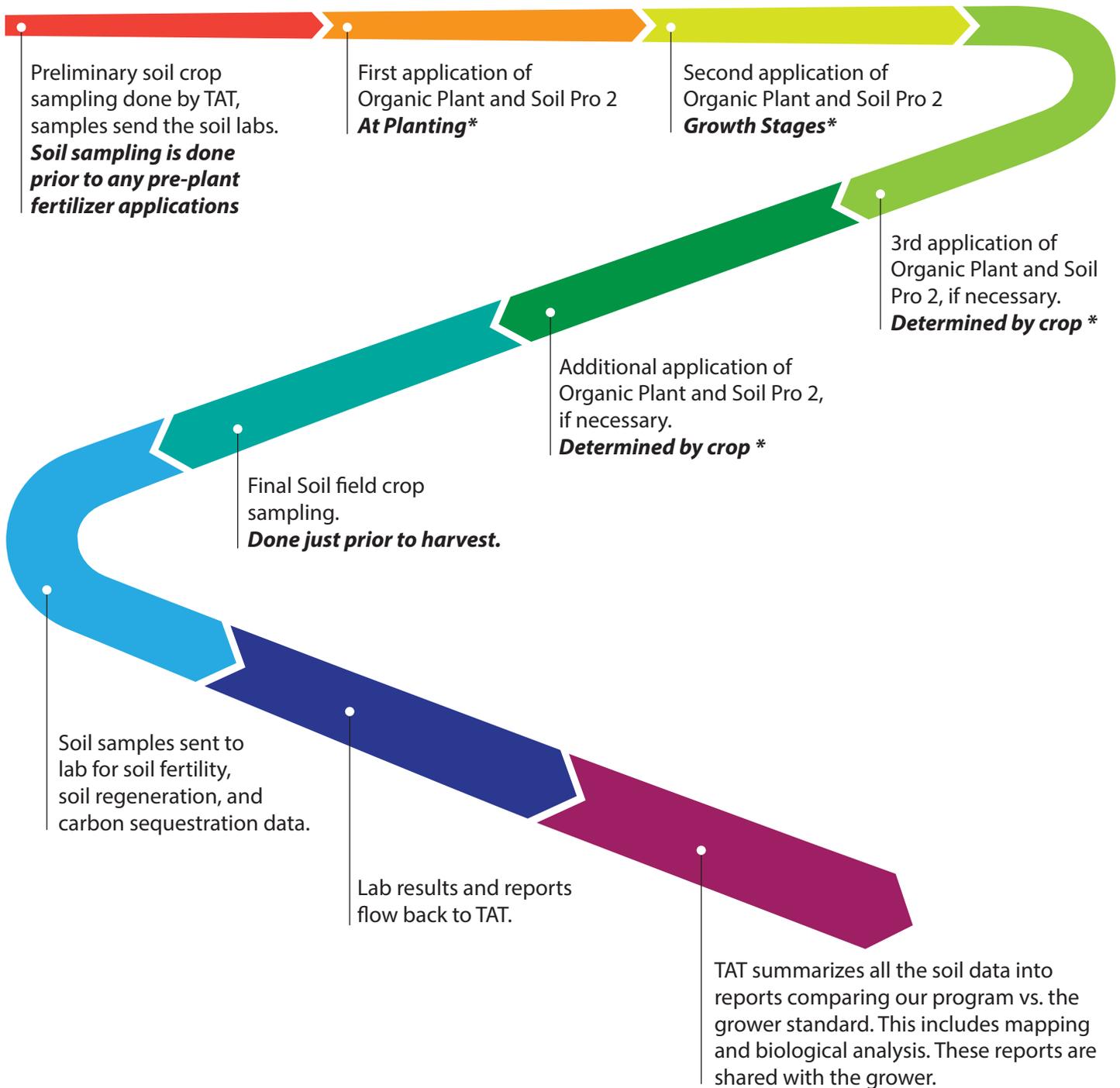
	Soil Regeneration	Soil Fertility
<span style="color: green;">■</span> Treated with Organic Plant and Soil Pro 2	44	67
<span style="color: orange;">■</span> Control Soil Condition	32	61

# Carbon Sequestration Results



	Carbon Sequestration (Pounds/Acre)
<span style="color: orange;">■</span> Control Soil Condition	20,873
<span style="color: green;">■</span> Treated with Organic Plant and Soil Pro 2	28,950

# Increasing Carbon Sequestration and Soil Regeneration Process



\* Applications of the Organic Plant & Soil Pro 2 are based on plant growth stages. Our agronomy team will provide these protocols