

# Regenerative Organic System Plan (ROSP) In-Field Soil Testing Results

Update your results here and keep that separately on farm with your records to be looked at during audit.

Operation Name and Date:	
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		Location			
		#1 - Best Plot	#2 - Worst Plot	#3 – Representative Plot	
		Latitude			
		Longitude			
Field Test	Results Key	Date	Results		
<b>Compaction</b>	<b>POOR:</b> wire probe will not penetrate <b>FAIR:</b> wire probe penetrates with difficulty to less than 20 cm (8 in) <b>GOOD:</b> wire probe penetrates to 20cm or more very easily				
<b>Crusting</b>	<b>POOR:</b> surface seals after rain <b>FAIR:</b> some surface sealing, minimal restriction of seedling emergence <b>GOOD:</b> open, porous soil; seedling emerge without restriction				

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<b>Diversity of Macro-Life</b>	<b>POOR:</b> less than two (2) kinds of soil animals <b>FAIR:</b> 2-5 kinds of soil animals <b>GOOD:</b> > 5 kinds of soil animals				
<b>Ground Cover</b>	<b>POOR:</b> < 35% ground cover <b>FAIR:</b> 35 - 50% ground cover <b>GOOD:</b> > 50% ground cover				
<b>Ponding</b>	<b>POOR:</b> water ponds on the soil surface <b>FAIR:</b> some ponding on the soil surface <b>GOOD:</b> no ponding				
<b>Plant Health</b>	<b>POOR:</b> yellow, stunted growth, variable stand height, spotty germination <b>FAIR:</b> variation in color, height and germination <b>GOOD:</b> dark green, even growth and germination				
<b>Root Growth</b>	<b>POOR:</b> restricted roots, few fine roots <b>FAIR:</b> somewhat restricted roots; some fine roots <b>GOOD:</b> healthy, uninhibited roots, lots of fine roots				

ROC_QMS_FR_ROSPFSTR_v1.1	Version 1.1	Reviewed by ER
ROC ROSP In-Field Soil Testing Results	Effective Mar. 1, 2022	Approved by EW

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<b>Aggregate Stability</b>	<p><b>POOR:</b> water turns cloudy quickly, aggregates do not stay intact</p> <p><b>FAIR:</b> water slowly turns cloudy, 50% aggregate remains</p> <p><b>GOOD:</b> most of the aggregate soil stays intact, soil is less cloudy</p>				
<b>Soil Color</b>	Please describe the color as best you can				
<b>Soil Smell</b>	Please describe the soil smell as best you can				