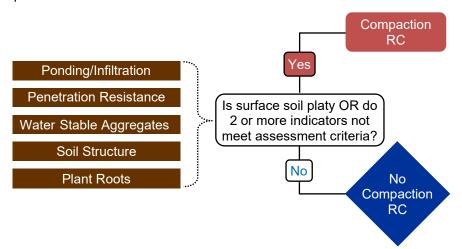
Cropland In-Field Soil Health Assessment Worksheet		
Soil Health Resource Concerns CPT: Compaction SOM: Soil Organic Matter Depletion	Indicator Timing and Use Anytime ♣ After Rain or Irrigation ♣ With Adequate Moisture ♠ Before a Tillage Event ♣ Primarily No-till Systems ♠ Before Growing Season ♠ During Growing Season ፆ Interview ♠	Meets Assessment Criteria (Yes/No)
AGG: Aggregate Instability HAB: Soil Organism Habitat Loss or	Soil Cover SOM, AGG, HAB • Surface cover from plants, residue or mulch; cover greater than 75%	□Y□N
Degradation	Residue Breakdown	□Y□N
Location	Surface Crusts ♣ ♦	□Y□N
Field/CMU	Ponding/Infiltration ♣ ♠ ♠ ✔ CPT, AGG • No ponding on non-hydric soils within 24 hours following typical rainfall or surface irrigation event; • OR, no infiltration difference between assessment area and fencerow sample in the same soil type; • OR, soil infiltrates 1-inch of water in 30 minutes or less	□Y□N
Tract #	Penetration Resistance	□Y□N
Client/Customer Planner	 Water-Stable Aggregates CPT, SOM, AGG, HAB Cylinder: At least 80% remains intact after 5 minutes with little cloudy water; OR, strainer: soil remains intact with aggregates apparent; OR, Soil Quality Test Kit (SQTK)/Jornada slake box meets stability class 6 	□Y□N
	Soil Structure	□Y□N
Date	Soil Color ▲ SOM No color difference between assessment area and fencerow sample in same soil type; OR, value is on the darker range using color chart and official series description	□Y□N
Soil Map Units	Plant Roots	□Y□N
Soil Moisture	Biological Diversity ♠ ఈ SOM, HAB,AGG • Evidence of more than 3 different types of non pest organisms observed or biological hotspots present	□Y□N
Surface Horizon Texture	Biopores	□Y□N

Cropland In-Field Soil Health Assessment Resource Indicator Decision Trees, Turn on Alt Text

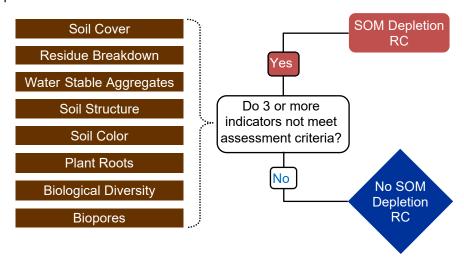
Compaction

Circle the indicators that do not meet assessment criteria during the evaluation and follow decision tree below to determine if the given resource concern (RC) is present. Document on worksheet.



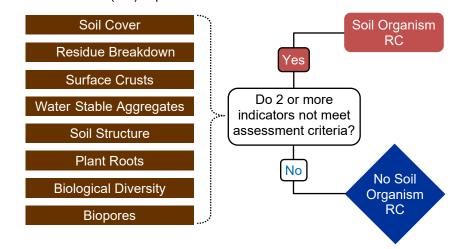
Soil Organic Matter Depletion

Circle the indicators that do not assessment criteria during the evaluation and follow decision tree below to determine if the given resource concern (RC) is present. Document on worksheet.



Soil Organism Habitat Loss or Degradation

Circle the indicators that do not meet assessment criteria during the evaluation and follow decision tree below to determine if the given resource concern (RC) is present. Document on worksheet.



Aggregate Instability

Circle the indicators that do not meet assessment criteria during the evaluation and follow decision tree below to determine if the given resource concern (RC) is present. Document on worksheet.

