

Farm Name:

Infiltration Test				
Date	Vessel and ml water	Location	first pour seconds	second pour seconds
Slake Test				
Sample Date	Test Date	Sample Location	End Result Picture	Stability Class
Earthworm Count				
Date	Sample Location	Square Ft	# of Earthworms	
pH Test				
Date	Location	pH	Soil to water ratio	



Farm Name:

Slake test Stability Class Criteria	
Stability Class	Criteria for assignment to stability class
0	Soil too unstable to sample
1	50% structural integrity lost within 5 seconds after insertion in water
2	50% structural integrity lost within 5-30 seconds of insertion of water
3	50% structural integrity lost within 30-300 seconds of insertion in water
4	10-25% of soil remaining on sieve after 5 dipping cycles
5	25-75% of soil remaining on sieve after 5 dipping cycles
6	75-100% of soil remaining on sieve after 5 dipping cycles
pH descriptions	
Soil pH	Plant Growth
>8.3	Too alkaline for most plants
7.5	Problem with iron availability
7.2	
7	6.0-7.5 is acceptable for most plants
6.8	6.8-7.5 is nearly neutral
6	
5.5	Reduced soil microbial activity
<4.6	Too acidic for most plants

