



# Plant & Soil Health Submittal Sheet

Code Number	Code Description	Testing Method
100	Bacterial and Fungal Tissue Diagnosis	Plate Culture
105	Soil Fungus Identification	Plate Culture
110	Single Pathogen Identification	Plate Culture
115	Nematode Identification	Baermann Technique
120	Microbial Activity Analysis	BIOLOG Plates
125	Greenhouse/ Grow-out Test	
130	Mineral Analysis (Outside lab Testing)	
135	Complete Soil Analysis 1 - Soil Fungus ID (105)+Nematode ID (115)+Soil Mineral testing (130)	Plate Culture & Baermann Technique
140	Complete Soil & Tissue Analysis - Bacterial and Fungus Tissue ID (100)+Soil Fungus ID (105)+Nematode ID (115)+Soil and Tissue Mineral Testing (130)	Plate Culture & Baermann Technique
145	Complete Soil Analysis 2 - Soil Fungus ID (105)+Nematode ID (115)+Soil Mineral Testing (130)+Microbial Activity Analysis (120)	Plate Culture, Baermann Technique, & BIOLOG Plates
155	pH Test	pH meter
300	ELISA- per sample per pathogen (First Pathogen)	ELISA
301	ELISA- per sample per pathogen (Additional Pathogen)	ELISA
305	PCR- per sample per pathogen (First Pathogen)	PCR
306	PCR- per sample per pathogen (Additional Pathogen)	PCR
310	qPCR- per sample per pathogen (First Pathogen)	TaqMan qPCR
311	qPCR- per sample per pathogen (Additional Pathogen)	TaqMan qPCR
315	RT-PCR- per sample per pathogen (First Pathogen)	RT-PCR
316	RT-PCR- per sample per pathogen (Additional Pathogen)	RT-PCR
320	RT-qPCR- per sample per pathogen (First Pathogen)	TaqMan RT-qPCR
321	RT-qPCR- per sample per pathogen (Additional Pathogen)	TaqMan RT-qPCR
10	Colony Count (Bacteria/Fungus)	
15	Sequencing to identify species	
126	Pollen Viability	
165, 170, 175	Identification of E.coli, Salmonella, Listeria respectively	Selective Media
325	Detection using immunostrips	
355	Culture Plating	
352	Varietal Identification (HRM Techniques)	