# 2018 Fee Schedule

# **Iowa State University Extension**



## Soil

Basic Plus         Phosphorus, Potassium, pH, Buffer pH, Organic Matter, CEC, Calcium, Magnesium, Sodium, % Base Saturation, Zinc, Sulfur Phosphorus, Potassium, pH, Buffer pH, Organic Matter, CEC, Calcium, Magnesium, Sodium, % Base Saturation, Zinc, Sulfur Copper, Iron, Manganese, Boron         \$15.40           Additional Tests         Bray I Phosphorus         \$1.60           Bray II Phosphorus         \$1.60           Bray II Phosphorus         \$3.00           CEC: Calcium, Magnesium, Sodium, % Base Saturation         \$3.00           Olsen Phosphorus         \$3.00           Moist Potassium         \$3.00           CEC: Calcium, Magnesium, Sodium, % Base Saturation         \$2.00           Zinc         \$2.10           Copper         \$2.35           Iron         \$2.35           Manganese         \$3.00           Boron         \$3.00           Specialty Testing         \$3.00           Specialty Testing         \$3.00           Solibe Corpers Nitrate         \$3.00           Ammonium **Only available with Pre-Side Dress Nitrate*         \$3.00           Soil Health **Packages**         **Despiration, C:N Ratio         \$4.50           Routine         \$3.00 Health **Rasic & Water Soluble Analysis (Carbon, Total Nitrogen, Nitrate-N, Ammoniacal-N, Orthophosphate-P, Water Saturation %)         \$5.00           Comple			
Basic Plus         Phosphorus, Potassium, pH, Buffer pH, Organic Matter, CEC, Calcium, Magnesium, Sodium, % Base Saturation, Zinc, Sulfur Phosphorus, Potassium, pH, Buffer pH, Organic Matter, CEC, Calcium, Magnesium, Sodium, % Base Saturation, Zinc, Sulfur Copper, Iron, Manganese, Boron         \$15.40           Additional Tests         Bray I Phosphorus Potassium, pH, Buffer pH, Organic Matter, CEC, Calcium, Magnesium, Sodium, % Base Saturation, Zinc, Sulfur Copper, Iron, Manganese, Boron         \$1.60           Additional Tests         Bray I Phosphorus         \$1.60           Bray II Phosphorus         \$3.00           Olsen Phosphorus         \$3.00           Moist Potassium         \$3.00           CEC: Calcium, Magnesium, Sodium, % Base Saturation         \$2.10           Zinc         \$2.10           Copper         \$2.35           Iron         \$2.35           Manganese         \$2.35           Boron         \$3.00           Specialty Testing         Soybean Cyst Nematode (egg count)         \$2.150           Pre-Side Dress Nitrate         \$5.10           Ammonium **Only available with Pre-Side Dress Nitrate*         \$3.00           Soil Health Packages           Basic         Phosphorus, Potassium, pH, Buffer pH, Organic Matter, Calcium, Magnesium, Sodium, Calculated CEC, % Base Saturation, Zinc, Sulfur, Copper, Iron, Manganese, Boron, Soluble Salt (EC), Excess Carbonate, Nitrate, Soil Health Score, Solvit	Fertility Package	<u>98</u>	
Phosphorus, Potassium, pH, Buffer pH, Organic Matter, CEC, Calcium, Magnesium, Sodium, % Base Saturation, Zinc, Sulfur Phosphorus, Potassium, pH, Buffer pH, Organic Matter, CEC, Calcium, Magnesium, Sodium, % Base Saturation, Zinc, Sulfur Copper, Iron, Manganese, Boron	Basic	Phosphorus, Potassium, pH, Buffer pH, Organic Matter	\$11.50
Phosphorus, Potassium, pH, Buffer pH, Organic Matter, CEC, Calcium, Magnesium, Sodium, % Base Saturation, Zinc, Sulfur, Copper, Iron, Manganese, Boron   \$1.60	Basic Plus	Phosphorus, Potassium, pH, Buffer pH, Organic Matter, CEC, Calcium, Magnesium, Sodium, % Base Saturation	\$13.40
Copper, Iron, Manganese, Boron	Basic Select	Phosphorus, Potassium, pH, Buffer pH, Organic Matter, CEC, Calcium, Magnesium, Sodium, % Base Saturation, Zinc, Sulfur	\$15.40
Bray I Phosphorus	Complete		\$31.00
Bray II Phosphorus Olsen Phosphorus Signature Olsen Phosphorus Signature Olsen Phosphorus Signature Olsen Phosphorus Signature	Additional Tests		
Olsen Phosphorus Moist Potassium CEC: Calcium, Magnesium, Sodium, % Base Saturation Zinc Sulfur Zinc Sulfur Copper Superialty Testing Soybean Cyst Nematode (egg count) Pre-Side Dress Nitrate Ammonium *Only available with Pre-Side Dress Nitrate*  Soil Health Packages  Basic Phosphorus, Potassium, pH, Buffer pH, Organic Matter, Calcium, Magnesium, Sodium, Calculated CEC, % Base Saturation, Zinc, Sulfur, Copper, Iron, Manganese, Boron, Soluble Salt (EC), Excess Carbonate, Nitrate, Soil Health Score, Solvita CO2 Respiration, C:N Ratio  Routine Soil Health Routine & Haney H3A Extraction (Orthophosphate-P, Phosphorus, Potassium, Iron, Aluminum) \$5.000		Bray I Phosphorus	\$ 1.60
Moist Potassium CEC: Calcium, Magnesium, Sodium, % Base Saturation Zinc Zinc Sulfur \$ 2.35 Sulfur \$ 2.35 Copper Iron Manganese Boron Soluble Salts (EC) Specialty Testing Soybean Cyst Nematode (egg count) Pre-Side Dress Nitrate Ammonium *Only available with Pre-Side Dress Nitrate*  Soil Health Packages Basic Phosphorus, Potassium, pH, Buffer pH, Organic Matter, Calcium, Magnesium, Sodium, Calculated CEC, % Base Saturation, Zinc, Sulfur, Copper, Iron, Manganese, Boron, Soluble Salt (EC), Excess Carbonate, Nitrate, Soil Health Score, Solvita CO2 Respiration, C:N Ratio  Routine Soil Health Routine & Haney H3A Extraction (Orthophosphate-P, Phosphorus, Potassium, Calcium, Iron, Aluminum) \$55.00 \$55.00 Complete		Bray II Phosphorus	\$ 3.00
CEC: Calcium, Magnesium, Sodium, % Base Saturation Zinc Sulfur \$ 2.35 Sulfur \$ 2.35 Copper Iron \$ 2.35 Iron \$ 2.35 Manganese Boron Soluble Salts (EC) \$ 2.35 Subjean Cyst Nematode (egg count) Pre-Side Dress Nitrate Ammonium *Only available with Pre-Side Dress Nitrate*  Soil Health Packages  Basic Phosphorus, Potassium, pH, Buffer pH, Organic Matter, Calcium, Magnesium, Sodium, Calculated CEC, % Base Saturation, Zinc, Sulfur, Copper, Iron, Manganese, Boron, Soluble Salt (EC), Excess Carbonate, Nitrate, Soil Health Score, Solvita CO2 Respiration, C:N Ratio  Routine Soil Health Basic & Water Soluble Analysis (Carbon, Total Nitrogen, Nitrate-N, Ammoniacal-N, Orthophosphate-P, Water Saturation%)  Complete Soil Health Routine & Haney H3A Extraction (Orthophosphate-P, Phosphorus, Potassium, Calcium, Iron, Aluminum) \$65.00		Olsen Phosphorus	\$ 3.00
Zinc Sulfur Sulfur Sulfur Sulfur Sulfur Sulfur Sulfur Sulfur Supper Sulfur Sulfur Sulfur Supper Sulfur Supper Sulfur Supper Sulfur Sund Supper Subject		Moist Potassium	\$ 3.00
Sulfur \$ 2.35 Copper \$ 2.35 Iron \$ 2.35 Manganese \$ 2.35 Boron \$ 3.00 Soluble Salts (EC) \$ 3.00 Soluble Soli Health Packages  Basic Phosphorus, Potassium, pH, Buffer pH, Organic Matter, Calcium, Magnesium, Sodium, Calculated CEC, % Base Saturation, Zinc, Sulfur, Copper, Iron, Manganese, Boron, Soluble Salt (EC), Excess Carbonate, Nitrate, Soil Health Score, Solvita CO2 Respiration, C:N Ratio \$ 55.00 Soil Health Basic & Water Soluble Analysis (Carbon, Total Nitrogen, Nitrate-N, Ammoniacal-N, Orthophosphate-P, Water Saturation %) \$ 55.00 Complete Soil Health Routine & Haney H3A Extraction (Orthophosphate-P, Phosphorus, Potassium, Calcium, Iron, Aluminum) \$ 65.00		CEC: Calcium, Magnesium, Sodium, % Base Saturation	\$ 2.10
Copper \$ 2.35 Iron \$ 2.35 Iron \$ 2.35 Manganese \$ 2.35 Boron \$ 3.00 Soluble Salts (EC) \$ 3.00 Specialty Testing  Soybean Cyst Nematode (egg count) \$ 21.50 Pre-Side Dress Nitrate \$ 5.10 Ammonium *Only available with Pre-Side Dress Nitrate* \$ 3.00  Soil Health Packages  Basic Phosphorus, Potassium, pH, Buffer pH, Organic Matter, Calcium, Magnesium, Sodium, Calculated CEC, % Base Saturation, Zinc, Sulfur, Copper, Iron, Manganese, Boron, Soluble Salt (EC), Excess Carbonate, Nitrate, Soil Health Score, Solvita CO2 Respiration, C:N Ratio  Routine Soil Health Basic & Water Soluble Analysis (Carbon, Total Nitrogen, Nitrate-N, Ammoniacal-N, Orthophosphate-P, Water Saturation %)  Complete Soil Health Routine & Haney H3A Extraction (Orthophosphate-P, Phosphorus, Potassium, Calcium, Iron, Aluminum) \$65.00		Zinc	\$ 2.35
Iron \$2.35 Manganese \$2.35 Boron \$3.00 Soluble Salts (EC) \$3.00  Specialty Testing Solybean Cyst Nematode (egg count) \$21.50 Pre-Side Dress Nitrate \$5.10 Ammonium *Only available with Pre-Side Dress Nitrate* \$5.10 Soil Health Packages  Basic Phosphorus, Potassium, pH, Buffer pH, Organic Matter, Calcium, Magnesium, Sodium, Calculated CEC, % Base Saturation, Zinc, Sulfur, Copper, Iron, Manganese, Boron, Soluble Salt (EC), Excess Carbonate, Nitrate, Soil Health Score, Solvita CO2 Respiration, C:N Ratio  Routine Soil Health Basic & Water Soluble Analysis (Carbon, Total Nitrogen, Nitrate-N, Ammoniacal-N, Orthophosphate-P, Water Saturation %)  Complete Soil Health Routine & Haney H3A Extraction (Orthophosphate-P, Phosphorus, Potassium, Calcium, Iron, Aluminum) \$65.00		Sulfur	\$ 2.35
Manganese Boron Soluble Salts (EC)  Sopecialty Testing Soybean Cyst Nematode (egg count) Pre-Side Dress Nitrate Ammonium *Only available with Pre-Side Dress Nitrate*  Soil Health Packages  Basic Phosphorus, Potassium, pH, Buffer pH, Organic Matter, Calcium, Magnesium, Sodium, Calculated CEC, % Base Saturation, Zinc, Sulfur, Copper, Iron, Manganese, Boron, Soluble Salt (EC), Excess Carbonate, Nitrate, Soil Health Score, Solvita CO2 Respiration, C:N Ratio  Routine Soil Health Basic & Water Soluble Analysis (Carbon, Total Nitrogen, Nitrate-N, Ammoniacal-N, Orthophosphate-P, Water Saturation %)  Complete Soil Health Routine & Haney H3A Extraction (Orthophosphate-P, Phosphorus, Potassium, Calcium, Iron, Aluminum) \$65.00		Copper	•
Boron \$ 3.00 Soluble Salts (EC) \$ 3.00  Specialty Testing Soybean Cyst Nematode (egg count) \$ 21.50 Pre-Side Dress Nitrate \$ 5.10 Ammonium *Only available with Pre-Side Dress Nitrate* \$ 3.00  Soil Health Packages  Basic Phosphorus, Potassium, pH, Buffer pH, Organic Matter, Calcium, Magnesium, Sodium, Calculated CEC, % Base Saturation, Zinc, Sulfur, Copper, Iron, Manganese, Boron, Soluble Salt (EC), Excess Carbonate, Nitrate, Soil Health Score, Solvita CO2 Respiration, C:N Ratio \$ 45.00  Routine Soil Health Basic & Water Soluble Analysis (Carbon, Total Nitrogen, Nitrate-N, Ammoniacal-N, Orthophosphate-P, Water Saturation %)  Complete Soil Health Routine & Haney H3A Extraction (Orthophosphate-P, Phosphorus, Potassium, Calcium, Iron, Aluminum) \$ 65.00		Iron	•
Soluble Salts (EC)  Specialty Testing  Soybean Cyst Nematode (egg count) Pre-Side Dress Nitrate Ammonium *Only available with Pre-Side Dress Nitrate*  Soil Health Packages  Basic Phosphorus, Potassium, pH, Buffer pH, Organic Matter, Calcium, Magnesium, Sodium, Calculated CEC, % Base Saturation, Zinc, Sulfur, Copper, Iron, Manganese, Boron, Soluble Salt (EC), Excess Carbonate, Nitrate, Soil Health Score, Solvita CO2 Respiration, C:N Ratio  Routine Soil Health Basic & Water Soluble Analysis (Carbon, Total Nitrogen, Nitrate-N, Ammoniacal-N, Orthophosphate-P, Water Saturation %)  Complete Soil Health Routine & Haney H3A Extraction (Orthophosphate-P, Phosphorus, Potassium, Calcium, Iron, Aluminum) \$65.00		-	•
Soybean Cyst Nematode (egg count) Pre-Side Dress Nitrate Ammonium *Only available with Pre-Side Dress Nitrate*  \$ 5.10 Soil Health Packages  Basic Phosphorus, Potassium, pH, Buffer pH, Organic Matter, Calcium, Magnesium, Sodium, Calculated CEC, % Base Saturation, Zinc, Sulfur, Copper, Iron, Manganese, Boron, Soluble Salt (EC), Excess Carbonate, Nitrate, Soil Health Score, Solvita CO2 Respiration, C:N Ratio  Routine Soil Health Basic & Water Soluble Analysis (Carbon, Total Nitrogen, Nitrate-N, Ammoniacal-N, Orthophosphate-P, Water Saturation %)  Complete Soil Health Routine & Haney H3A Extraction (Orthophosphate-P, Phosphorus, Potassium, Calcium, Iron, Aluminum) \$65.00			\$ 3.00
Soybean Cyst Nematode (egg count) Pre-Side Dress Nitrate Ammonium *Only available with Pre-Side Dress Nitrate*  \$ 5.10  Ammonium *Only available with Pre-Side Dress Nitrate*  \$ 3.00  Soil Health Packages  Basic Phosphorus, Potassium, pH, Buffer pH, Organic Matter, Calcium, Magnesium, Sodium, Calculated CEC, % Base Saturation, Zinc, Sulfur, Copper, Iron, Manganese, Boron, Soluble Salt (EC), Excess Carbonate, Nitrate, Soil Health Score, Solvita CO2 Respiration, C:N Ratio  Routine Soil Health Basic & Water Soluble Analysis (Carbon, Total Nitrogen, Nitrate-N, Ammoniacal-N, Orthophosphate-P, Water Saturation %)  Complete Soil Health Routine & Haney H3A Extraction (Orthophosphate-P, Phosphorus, Potassium, Calcium, Iron, Aluminum) \$65.00			\$ 3.00
Pre-Side Dress Nitrate Ammonium *Only available with Pre-Side Dress Nitrate*  \$ 5.10 Soil Health Packages  Basic Phosphorus, Potassium, pH, Buffer pH, Organic Matter, Calcium, Magnesium, Sodium, Calculated CEC, % Base Saturation, Zinc, Sulfur, Copper, Iron, Manganese, Boron, Soluble Salt (EC), Excess Carbonate, Nitrate, Soil Health Score, Solvita CO2 Respiration, C:N Ratio  Routine Soil Health Basic & Water Soluble Analysis (Carbon, Total Nitrogen, Nitrate-N, Ammoniacal-N, Orthophosphate-P, Water Saturation %)  Complete Soil Health Routine & Haney H3A Extraction (Orthophosphate-P, Phosphorus, Potassium, Calcium, Iron, Aluminum) \$ 55.00	Specialty Testin	-	
Ammonium *Only available with Pre-Side Dress Nitrate*  Soil Health Packages  Basic  Phosphorus, Potassium, pH, Buffer pH, Organic Matter, Calcium, Magnesium, Sodium, Calculated CEC, % Base Saturation, Zinc, Sulfur, Copper, Iron, Manganese, Boron, Soluble Salt (EC), Excess Carbonate, Nitrate, Soil Health Score, Solvita CO2 Respiration, C:N Ratio  Routine  Soil Health Basic & Water Soluble Analysis (Carbon, Total Nitrogen, Nitrate-N, Ammoniacal-N, Orthophosphate-P, Water Saturation %)  Complete  Soil Health Routine & Haney H3A Extraction (Orthophosphate-P, Phosphorus, Potassium, Calcium, Iron, Aluminum)  \$ 3.00			•
Soil Health Packages  Basic  Phosphorus, Potassium, pH, Buffer pH, Organic Matter, Calcium, Magnesium, Sodium, Calculated CEC, % Base Saturation, Zinc, Sulfur, Copper, Iron, Manganese, Boron, Soluble Salt (EC), Excess Carbonate, Nitrate, Soil Health Score, Solvita CO2 Respiration, C:N Ratio  Routine  Soil Health Basic & Water Soluble Analysis (Carbon, Total Nitrogen, Nitrate-N, Ammoniacal-N, Orthophosphate-P, Water Saturation %)  Complete  Soil Health Routine & Haney H3A Extraction (Orthophosphate-P, Phosphorus, Potassium, Calcium, Iron, Aluminum)  \$45.00			•
Phosphorus, Potassium, pH, Buffer pH, Organic Matter, Calcium, Magnesium, Sodium, Calculated CEC, % Base Saturation, Zinc, Sulfur, Copper, Iron, Manganese, Boron, Soluble Salt (EC), Excess Carbonate, Nitrate, Soil Health Score, Solvita CO2 Respiration, C:N Ratio  Soil Health Basic & Water Soluble Analysis (Carbon, Total Nitrogen, Nitrate-N, Ammoniacal-N, Orthophosphate-P, Water Saturation %)  Complete  Soil Health Routine & Haney H3A Extraction (Orthophosphate-P, Phosphorus, Potassium, Calcium, Iron, Aluminum)  \$45.00		·	\$ 3.00
Zinc, Sulfur, Copper, Iron, Manganese, Boron, Soluble Salt (EC), Excess Carbonate, Nitrate, Soil Health Score, Solvita CO2 Respiration, C:N Ratio  Soil Health Basic & Water Soluble Analysis (Carbon, Total Nitrogen, Nitrate-N, Ammoniacal-N, Orthophosphate-P, Water Saturation %)  Complete  Soil Health Routine & Haney H3A Extraction (Orthophosphate-P, Phosphorus, Potassium, Calcium, Iron, Aluminum)  \$65.00		<u>rages</u>	<b>A</b> 45 00
Saturation %)  Complete Soil Health Routine & Haney H3A Extraction (Orthophosphate-P, Phosphorus, Potassium, Calcium, Iron, Aluminum) \$65.00	Basic	Zinc, Sulfur, Copper, Iron, Manganese, Boron, Soluble Salt (EC), Excess Carbonate, Nitrate, Soil Health Score, Solvita CO2	\$45.00
•	Routine		\$55.00
Manura	Complete	Soil Health Routine & Haney H3A Extraction (Orthophosphate-P, Phosphorus, Potassium, Calcium, Iron, Aluminum)	\$65.00
	-	Manure	

### Manure

Manure Package	<u>98</u>	
Basic	Dry Matter, TKN, Phosphorus, Potassium, Sulfur	\$30.00
<b>Basic Plus</b>	Dry Matter, TKN, Phosphorus, Potassium, Sulfur, Calcium, Magnesium, Copper, Iron, Manganese, Sodium, Zinc	\$35.00
N Management	Dry Matter, TKN, Phosphorus, Potassium, Sulfur, Ammonia	\$40.00
Deluxe	Dry Matter, TKN, Phosphorus, Potassium, Sulfur, Calcium, Magnesium, Copper, Iron, Manganese, Sodium, Zinc, Ammonia	\$50.00
Comprehensive	Dry Matter, TKN, Phosphorus, Potassium, Sulfur, Calcium, Magnesium, Copper, Iron, Manganese, Sodium, Zinc, Ammonia, pH, Soluble Salts (EC)	\$60.00
Specialty Testing		
	Nitrate Nitrogen	\$ 7.50
	рН	\$ 7.50
	Soluble Salts (EC)	\$ 7.50

## Tissue

Complete Leaf	Nitrogen, Phosphorus, Potassium, Magnesium, Calcium, Sodium, Sulfur, Zinc, Manganese, Copper, Iron, Boron, Aluminum	\$20.00
Stalk Nitrate		\$15.00