Soil Submission Form

Yield Goal:

Crop 3:



| alie | alia 110 | | | | | | | | | | | | | | | | |
|--|--------------------------------------|--------------|------|----|---------------------|-----|----------|---------------|-----|------------|------------|----------------------|----------|-------------|---------------------------|-----------------|--|
| Date Sampled 6/16/18 | | | | | | | | | | | | | | | | | |
| Client Name Virginia Nichols | | | | | | | | | | | | | | | | | |
| Address 2501 Agronomy Hall, 716 Farmhouse Road | | | | | | | | | | | | | | | | | |
| City Ames State IA ZIP SOO10 | | | | | | | | | | | | | | | | | |
| Email <u>United Sciastate edu</u> If email address is provided, report will be sent in a PDF format to you.) | | | | | | | | | | | | | | | | | |
| Grower Name N/A | | | | | | | | | | | | | | | | | |
| Field ID/Address Marsden Hatta | | | | | | | | | | | | | | | | | |
| City Boone | | | | | | | | _Sta | te_ | J | + | ZIP _ | 500 | 36 | | , 19 | |
| SAMPLE INFO | engiroversal Postanti di caro | - 50 - 60 | | | | | FORI | | | | | 12 12 14 14 14 | L | ABOR | S SPEC RATOR' DLING | | |
| SAMPLE ID Limit 10 Characters | M3 P, M3 Dry K, OM, pH, Buffer pH | CEC | Zn | S | Cu | Fe | Mn | В | EC | Bray P1 | Bray P2 | Olsen pH> | Wet K | Cyst Nem | NO ₃ | NH ₄ | |
| 1B1_13-C2-1 | Basic | | Y | Y | 1 | > | \ | Y | Y | | | | | | | | |
| 2 B1 - 18 - C4 - 1 | Basic | | | | | | | | | | | | | | | | |
| 3 B2_24_C2-1 | Basic | | Щ | | | Щ | Ш | | Щ | | | | | | | | |
| 4 B2_28_C4-1 | Basic | | | | | | | | | | | | | Щ | | | |
| 5 83_34_C2-1 | Basic | Щ | Щ | | | | | | Щ | | | | Щ | | 빌 | · | |
| 683_37_C4-1 | Boxic | | | Ш | Щ | | 4 | Щ | Щ | | | | 牌 | | | | |
| 7 84_44_C2-1 | Basic | Щ | Щ | | Щ | Щ | | | Ш | | | | | | | | |
| 8 BH_46_C4-1 | Basic | | - ke | | | | Ľ | $\frac{1}{2}$ | | | | | 붜 | | 片 | | |
| 9 BI-13-C2-2 | | Щ | | | Щ | Щ | Щ | | Ш | | | | 빝 | | | | |
| 10 31-18-04-2 | | | | | | 1 | | | | | | | | | | | |
| CROPS & YIELD GOALS | | | | | LABORATORY COMMENTS | | | | | | | | | | | | |
| Crop 1: | Yield Goal: | | | Bo | rsi | د ١ | Berg | F - I | pac | ka | of | + 1,8 | | | | | |
| Crop 2: | Yield Goal: | | | C | EC | 17 | w's | 5, (| m, | Fe | , M | in, 8 | J.E | <u> </u> | | | |
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Soil Submission Form

Yield Goal:

Crop 3:



| Date Sampled 516 | | | T | Acc | ount | # | 1 | | | | | | | | | |
|--|--------------------------------------|-------|----|-----|------|-----|-----|---|-----|------------|------------|--------------|---------------------|-------------|-----------------|--|
| Client Name <u>Virginia Michols</u> | | | | | | | | | | | | | | | | |
| ddress 250/ Agronamy Hall, 7/Co Farmhouse Road | | | | | | | | | | | | | | | | |
| ity Ames State JA ZIP 50010 | | | | | | | | | | | | | | | | |
| mail vnichols Diastate. Edu Phone # 770-939-4782 | | | | | | | | | 2 | | | | | | | |
| Grower Name Name | | | | | | | | | | | | | | | | |
| Field ID/Address Marsdan | | | | | | | | | | | | | | | | |
| City Boone | | | | | | | | | ZIP | 50036 | | | | | | |
| SAMPLE INFO | auenomini | -,187 | | | О ВЕ | | | | | | | F192 | ACCURATION NAMED IN | ABOR | S SPEC | A STATE OF THE PARTY OF THE PAR |
| SAMPLE ID Limit 10 Characters | M3 P, M3 Dry K, OM, pH, Buffer pH | CEC | Zn | S | Cu | Fe | Mn | В | EC, | Bray P1 | Bray P2 | Olsen pH> | Wet K | Cyst Nem | NO ₃ | NH ₄ |
| 1B2_24_CZ-2 | Basic | | | | | | | | | | | | | | | |
| 2 B2-28_C4-Z | 1 | ů. | 1. | | | | 71 | | 1 | | | | | | 9 | |
| 3B3_34_C2-2 | | | | | | | | | | | | | | | | |
| 483-37-64-2 | | | | | | | | | | | | 1 1 | | 1 1175 | , crip i | |
| 5 BH_44_C2-2 | | | | | | | | | | | | | | | | |
| 6B4_46_C4-2 | | | | | ac | | | | | | | | | | | |
| 7 B1_13_C2-3 | | | | | | | | | | | | | | | | |
| 8 B1-18-C4-3 | | | | | | | | | 1 | | | | | | | |
| 9 B2 - 24 - C2 - 3 | | | | | | | | | | | | | | | | |
| 10B2-28-C4-3 | | | | | \ | | 2 | | | | | | | | | |
| CROPS & YIE | LD GOALS | | ĺ | | | | | | ABO | RATO | RY C | OMMEN | ITS | | | |
| Crop 1: | Yield Goal: | | | 80 | sic | 1 | ent | P | ack | ag | 8 - | , <i>w</i> | ~ | | | v |
| Crop 2: | Yield Goal: | | | C | EC | 1 7 | in, | 5 | ,0 | u, | 4 | W | 1 B | 100 | | |

on all samples

Soil Submission Form

Yield Goal:

Crop 3:



| Date Sampled SIV | . clicalia | | | | Account # | | | | | | | | | | | | |
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| • | | | | | | | ount | # | | | | | | | | | |
| Client Name Virginia Wichols | | | | | | | | | | | | | | | | | |
| Address 2501 Agronomy Hall, 710 Farmhouse Road City Ames State JA ZIP 50010 | | | | | | | | | | | | | | | | | |
| City Ames State JA ZIP 50010 | | | | | | | | | | | | | | | | | |
| Email vnichols@iastate.edu Phone # 720 939478 (If email address is provided, report will be sent in a PDF format to you.) | | | | | | | | | 32 | | | | | | | | |
| Grower Name NA | | | | | | | | 27 | | | | | | | | | |
| Field ID/Address Marsdan | | | | | | | | | | | | | | | | | |
| City Boone | | | | | | | | _Sta | ate _ | If | + | ZIP | Sol | 080 | | | |
| | | | | | | | | | | re e | | | DEC |) IIIDE | COFC | LAI | |
| SAMPLE INFO | anninomets. | | | | | | FORI | VIED | | | | | | ABOR | S SPECIAL RATORY | | |
| SAMPLE ID | M3 P, M3 Dry K, | 656 | | | | | | | | Bray | | Olsen | Wet | Cyst | DLING | | |
| 1 B3_34_C2-3 | OM, pH, Buffer pH | CEC | Zn | S | Cu | Fe | Mn | В | EC | P1 | P2 | pH> | K | Nem | NO ₃ | NH ₄ | |
| 2 B3_37_C4-3 | , | | | ф | | \downarrow | | | | | | | | | | | |
| 3B4-44-CZ-3 | | ф | | Ш | | | | | | | | | | | | | |
| 4B4_46_C4-3 | | | | | | | | | | | | | | | 941 | | |
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| 10 | | | 1 | 1 | | 1 | | 1 | | | | | | | | . 9 | |
| CROPS & YIELD GOALS | | | | | LABORATORY COMMENTS | | | | | | | | | | | | |
| Crop 1: | Yield Goal: | | | BO | sian | | ter | + | Po | oki | 299 | To Fa | | | | | |
| Crop 2: | Yield Goal: | | | C | F | - | 7 | n, | 5 | , (| 1 | FX | 1 | n | | | |

| SOIL TEST PACKAGES | | | | | | | | |
|-----------------------------------|---|--|--|--|--|--|--|--|
| ☐ BASIC PACKAGE | Potassium, Phosphorus, pH, Buffer pH, Organic Matter | | | | | | | |
| ☐ BASIC PLUS PACKAGE | Potassium, Phosphorus, pH, Buffer pH, Organic Matter, CEC | | | | | | | |
| ☐ BASIC SELECT PACKAGE | Potassium, Phosphorus, pH, Buffer pH, Organic Matter, CEC, Zinc, Sulfur | | | | | | | |
| SOLUBLE SALTS PACKAGE | Potassium, Phosphorus, pH, Buffer pH, Organic Matter, CEC, Soluble Salts (EC) | | | | | | | |
| ☐ COMPLETE PACKAGE | Potassium, Phosphorus, pH, Buffer pH, Organic Matter, CEC, Zinc, Sulfur, Copper, Iron, Manganese, Boron | | | | | | | |
| CYST NEMATODE ONLY | Soybean Cyst Nematode (No fertility) | | | | | | | |
| ☐ NITRATE (NO ₃) ONLY | Nitrate (No fertility) Ammonium (NH ₄) can be added | | | | | | | |

Test Abbreviations

M3 P – Mehlich 3 Phosphorus

Zn - Zinc

CEC – Cation Exchange Capacity

BRAY P1 - Bray Phosphorus (Add Test)

S - Sulfur

(Calcium, Magnesium, Sodium)

BRAY P2 - Bray 2 Phosphorus (Add Test)

Cu - Copper

EC - Soluble Salts

OLSEN P – Olsen Phosphorus (Add Test)

Fe - Iron

NO₃- Nitrate

M3 K - Mehlich 3 Potassium

Mn – Manganese

NH₄– Ammonium

Wet K - Field Moist Potassium (Add Test)

B – Boron

OM – Organic Matter

Submitting A Soil Sample

• Use the lined paper bag provided by AgSource Laboratories for your samples.

Fill the provided bag to at least one-half and up to two-thirds full.

It is important to supply an adequate amount of sample to get a representative measurement. This also ensures that the laboratory has enough sample to run the standard tests, Quality Control, and requested duplicates.

- ② Clearly label all bags and fill out sample submission form completely.
- Tor details about on-demand pick-up services, please call 515.836.4444.

Or, ship your samples directly to:

AgSource Laboratories 1701 Detroit Street

Ellsworth, IA 50075

If shipping cannot occur immediately and you are also requesting a Nitrate test, refrigerate your samples until they can be shipped to AgSource.

• For expected turnaround time information please call our office at 515.836.4444.

