

# PTA – Plant Tissue Analysis Sample Information Sheet

## Field Crops

061611jbf

*Keep a copy of this form for your own records*

## Plant Tissue Analysis – Alfalfa, Corn, Soybeans, Wheat

(180) \$24 per sample Includes; Total N, P, K, Ca, Mg, S, Zn, Cu, Fe, B, Mn - Results only

**CUSTOMER**

|                            |
|----------------------------|
| Name                       |
| Address                    |
| City State Zip             |
| Fax/Email results to;      |
| Sample collected by (Name) |

**COMPANY/CONSULTANT**

|                       |
|-----------------------|
| Name                  |
| Address               |
| City State Zip        |
| Fax/email results to; |
| Phone number;         |

|   |
|---|
| <b>Payment by check</b> Amount \$ _____ Check No. _____ |
| <b>Bill to Agro-One/Dairy One Account No.</b> _____     |
| <b>Payment by Credit Card</b>                           |
| Card Type [ ] Master Card [ ] Visa [ ] Am. Express      |
| Card No. _____ Exp Date; _____                          |
| 3 digit verification code (on back of card) _____       |
| Signature _____   |

|   |
|---|
| <b>For Your Records – Comments or notes at time sample was collected;</b> |
|   |
|   |
|   |

**Sample information (Required)**

|  |
|--|
| Sample ID _____ Crop Code _____                    |
| Plant common name _____                            |
| Soil sample sent with this sample? [ ] Yes [ ] No  |
| Growth stage (✓ one) Part Sampled (✓ one)          |
| [ ] Seedling [ ] Whole plant (no roots)            |
| [ ] Early growth [ ] Recently matured leaf         |
| [ ] Bloom/tasseling [ ] Ear Leaf (Corn)            |
| [ ] Pod set/grain fill [ ] Top 6" leaves (alfalfa) |
| [ ] Mature [ ] Upper 1/3 <sup>rd</sup> (alfalfa)   |
| [ ] Youngest trifoliate (soybeans)                 |
| Feekes stage F____(wheat) [ ] Flag Leaf (sm.grain) |
| Other _____ Other _____                            |

**CROP CODES**

| CODE | CROP                  | CODE | CROP            |
|------|-----------------------|------|-----------------|
| ALF  | Alfalfa bud-10% bloom | SBB  | Soybean e.bloom |
| COD  | Corn – seedling       | SBD  | Soybean–prepod  |
| COT  | Corn – pre-tassel     | WHE  | Wheat F1-5      |
| COK  | Corn – silking        | WHF  | Wheat F6-10     |
| SBP  | Soybean–pre-bloom     | WHM  | Wheat F10.2-11  |

**For Your Records. Check all that apply. Keep a copy.**

|   |
|---|
| [ ] Normal area   |
| [ ] Problem Area [ ] Disease [ ] Insect [ ] Other           |
| Foliar Sprays (describe) _____                              |
| <b>Soil Name</b> <b>Soil pH</b>                             |
| <b>Soil Texture (✓ one)</b> <b>Rainfall (✓ one)</b>         |
| [ ] Sandy [ ] Drought                                       |
| [ ] Gravelly [ ] Below normal                               |
| [ ] Loamy [ ] Normal  |
| [ ] Clay [ ] Above Normal                                   |
| [ ] Muck  |
| <b>Soil Drainage (✓ one)</b> <b>Average Air Temperature</b> |
| [ ] Very Good last 2 weeks (✓ one)                          |
| [ ] Good [ ] Below Normal                                   |
| [ ] Fair [ ] Normal   |
| [ ] Poor [ ] Above Normal                                   |

**Sample Preparation Guidelines;** Gently rinse & air dry dirty samples. Send at least 50 grams or about 2 cups of lightly packed (softball size) sample of air dried plant tissue in a paper bag (not plastic). See Plant Tissue Sampling Guidelines for complete sampling guidelines. Where available, use a Dairy One Pickup Point for faster delivery of samples.

06152011 jbf

Web 120211 3.2b

**Form PTA2 Plant Tissue Analysis Multiple Sample Sheet to Accompany Form PTA**

|                  |                       |
|------------------|-----------------------|
| <b>Farm Name</b> | <b>Account Number</b> |
|------------------|-----------------------|

*Important – Please make a copy of this form for your own records*

| SAMPLE   | 1      | 2      | 3      | 4      | 5      |
|--|--------|--------|--------|--------|--------|
| <b>LAB ID (lab use only)</b>   |        |        |        |        |        |
| <b>Sample Id (leaf/field)</b>  |        |        |        |        |        |
| <b>Date Taken</b>  |        |        |        |        |        |
| <b>Sampled by</b>  |        |        |        |        |        |
| <b>CROP CODE</b>   |        |        |        |        |        |
| Soil sample with sample?   | Y    N | Y    N | Y    N | Y    N | Y    N |
| <b>Growth Stage</b> ▼ <b>one</b>   |        |        |        |        |        |
| Seedling   |        |        |        |        |        |
| Early Growth   |        |        |        |        |        |
| Bloom/Tasseling  |        |        |        |        |        |
| Pod set/grain fill   |        |        |        |        |        |
| Mature   |        |        |        |        |        |
| Feekes Stage Wheat   |        |        |        |        |        |
| Other  |        |        |        |        |        |
| <b>Part Sampled</b> ▼ <b>one</b>   |        |        |        |        |        |
| Whole Plant (no roots)   |        |        |        |        |        |
| Recently matured leaf  |        |        |        |        |        |
| Ear leaf - corn  |        |        |        |        |        |
| Flag leaf - small grain  |        |        |        |        |        |
| Top 6 " alfalfa  |        |        |        |        |        |
| Top 1/3rd alfalfa  |        |        |        |        |        |
| Youngest trifoliolate soybean  |        |        |        |        |        |
| Other  |        |        |        |        |        |
| <b>For Your Records</b> ▼ <b>all that apply</b>                                      |        |        |        |        |        |
| Normal Area  |        |        |        |        |        |
| Problem Area   |        |        |        |        |        |
| Disease  |        |        |        |        |        |
| Insect   |        |        |        |        |        |
| Other (Describe)   |        |        |        |        |        |
| Foliar Spray (Describe)  |        |        |        |        |        |
| <b>RAINFALL</b> 1 = Below Normal<br>2= Normal 3= Above Normal                        |        |        |        |        |        |
| <b>Ave Air Temp Prior 2 weeks</b><br>1 = Above Normal<br>2 = Normal 3 = Below Normal |        |        |        |        |        |
| <b>SOIL INFORMATION</b>  |        |        |        |        |        |
| Soil name if known   |        |        |        |        |        |
| Soil pH if known   |        |        |        |        |        |
| <b>Soil Texture</b><br>1 = Sandy 2 = Gravel<br>3 = Clay 4 = Loam 5 = Muck            |        |        |        |        |        |
| <b>Soil Drainage</b> 1 = Very Good<br>2 = Good 3 = Fair 4 = Poor                     |        |        |        |        |        |