

# Common Agronomic & Horticultural Crop Codes

## Instructions:

Print customer and sample information clearly on the front of this form. Label soil sample boxes to match. Place completed sample information sheet in the shipping box. Write the return address on the shipping container and ship samples to: Dairy One - 730 Warren Road, Ithaca, NY 14850. If you have questions or would like to order sample kits, please contact us at 1-800-344-2697, ext. 2172.

## Services

**Standard \$8.00** – pH, Organic Matter (OM), exchange acidity, phosphorus, potassium, calcium, magnesium, sodium, aluminum and zinc.

**Standard Plus \$14.00** – pH, Organic Matter (OM), exchange acidity, phosphorus, potassium, calcium, magnesium, sodium, aluminum, sulfur, zinc, manganese, iron, copper and boron.

**Nitrate Nitrogen \$8.00 / Organic Matter \$5.00 / pH \$3.00**

**NY** - reports Mehlich 3 results and Morgan equivalent values

**VT** - reports Modified Morgan Results

**PA** - reports Mehlich 3 results

**NH** - reports Mehlich 3 results

**MD** - reports Mehlich 3 results and Fertilizer Index Value (FIV)

**TONS H.E.** = yield expressed as if the forage was harvested as dry hay (88% dry matter)

**CWT** = yield expressed as the number of hundred weights (1 ton = 20 CWT)  
**BU** = bushels

## FORAGE CROPS

**Legumes & Legume Grass Mixes:** alfalfa, clover, birdsfoot trefoil

| New Seedings                    | Code | Tons H.E. per Acre |
|---------------------------------|------|--------------------|
| Alfalfa Seeding                 | ALE  | 2 - 6              |
| Alfalfa Grass Seeding           | AGE  | 2 - 6              |
| Birdsfoot trefoil Seeding       | BTE  | 1 - 3              |
| Birdsfoot trefoil Grass Seeding | BGE  | 2 - 4              |
| Clover Seeding                  | CLE  | 2 - 4              |
| Clover Grass Seeding            | CGE  | 2 - 4              |
| White Clover Bluegrass Seeding  | WBE  | 2 - 4              |
| Spring Barley with Legume       | BSS  | 1 - 6              |
| Winter Barley with Legume       | BWS  | 1 - 6              |
| Oats with Legume                | OAS  | 1 - 6              |
| Wheat with Legume               | WHS  | 1 - 6              |

| Established Stands                 | Code | Tons H.E. per Acre |
|------------------------------------|------|--------------------|
| Alfalfa Maintenance                | ALT  | 4 - 8              |
| Alfalfa Grass Maintenance          | AGT  | 2 - 6              |
| Birdfoot trefoil Maintenance       | ABT  | 2 - 6              |
| Birdfoot trefoil Grass Maintenance | BTT  | 2 - 6              |
| Clover Maintenance                 | CLT  | 2 - 6              |
| Clover Grass Maintenance           | CGT  | 2 - 6              |
| White Clover Bluegrass Maintenance | WBT  | 2 - 6              |

**Cool Season Grasses:** Timothy, Smooth Bromegrass, Tall Fescue, Orchardgrass, Reed Canarygrass, Perennial Ryegrass

| New Seedings            | Code | Tons H.E. per Acre |
|-------------------------|------|--------------------|
| Grass Hay Seeding       | GRE  | 1 - 5              |
| Intensive Grass Seeding | GIE  | 1 - 5              |

| Established Stands          | Code | Tons H.E. per Acre |
|-----------------------------|------|--------------------|
| Grass Hay Maintenance       | GRT  | 3 - 7              |
| Intensive Grass Maintenance | GIT  | 3 - 7              |

| Pasture:                                   | Code | Tons H.E. per Acre |
|--|------|--------------------|
| Pasture Grass Seeding                      | PGE  | 1 - 5              |
| Pasture Legume Seeding                     | PLE  | 2 - 4              |
| Pasture Intensive Management Seeding       | PIE  | 1 - 5              |
| Pasture Grass Maintenance                  | PGT  | 2 - 4              |
| Pasture with Legumes Maintenance           | PLT  | 2 - 4              |
| Pasture Intensive Management - Maintenance | PIT  | 3 - 7              |

## cont. Forage Crops

**Perennial Warm Season Grasses:** Big Bluestem, Little Bluestem, Eastern Gamagrass, Weeping Lovegrass, Bermudagrass, Switchgrass, Indiangrass, Buffalograss

| Crop                          | Code | Tons H.E. per Acre |
|-------------------------------|------|--------------------|
| Warm Season Grass Seeding     | WGE  | 1 - 4              |
| Warm Season Grass Maintenance | WGT  | 3 - 7              |

**Annual Forage Crops:** Corn silage, Forage Sorghum, Sudan-grass, Sorghum x Sudangrass, Small Grain forage

| Unit  | Crop                           | Code | Tons per Acre     |
|-------|--------------------------------|------|-------------------|
| 32%DM | Corn Silage                    | COS  | 17-33 T/A 32% DMB |
| 32%DM | Sorghum - Forage               | SOF  | 15-31 T/A 32% DMB |
| 32%DM | Sorghum x Sudangrass - Forage  | SSN  | 15-27 T/A 32% DMB |
| 32%DM | Sudangrass - Forage            | SUD  | 15-21 T/A 32% DMB |
| H.E.  | Triticale & Field Peas - alone | TRP  | 2-6 H.E. T/A      |
| H.E.  | Small Grain Forage             | SGF  | 4-12 H.E. T/A     |

## GRAIN CROPS

| Unit | Crop           | Code | Yield per Acre |
|------|----------------|------|----------------|
| BU   | Corn Grain     | COG  | 100 - 220      |
| BU   | Millet - Grain | MIL  | 50 - 90        |
| BU   | Sorghum Grain  | SOG  | 90 - 170       |

### Small Grains - Grain

|     |                                  |     |          |
|-----|----------------------------------|-----|----------|
| BU  | Winter Barley                    | BWI | 50 - 130 |
| BU  | Spring Barley                    | BSP | 60 - 100 |
| BU  | Buckwheat                        | BUK | 30 - 70  |
| BU  | Oats                             | OAT | 60 - 120 |
| BU  | Winter Wheat, Spelt, Triticale   | WHT | 40 - 100 |
| BU  | Spring Wheat                     | WSP | 40 - 80  |
| BU  | Soybeans - Single Crop for Grain | SOY | 30 - 70  |
| CWT | Sunflowers - Grain               | SUN | 10 - 30  |
| BU  | Rye                              | RYG | 50 - 90  |
| BU  | Triticale                        | TRI | 40 - 100 |

### Double Crop Grain Crops

|    |                      |     |          |
|----|----------------------|-----|----------|
| BU | Double Crop Barley   | BA2 | 40 - 100 |
| BU | Double Crop Soybeans | SO2 | 30 - 50  |
| BU | Double Crop Wheat    | WH2 | 40 - 100 |

## VEGETABLES - ALL STATES

| Unit | Crop                | Code | Yield per Acre |
|------|---------------------|------|----------------|
| CWT  | Asparagus, Maintain | ASP  | 15 - 25        |
|      | Asparagus, New      | ASP  | *****          |
| CWT  | Beans, Dry          | BND  | 10 - 18        |
| TONS | Beans, Snap         | BNS  | 2 - 6          |
| TONS | Beets               | BET  | 8 - 30         |
| TONS | Broccoli            | BRP  | 2.5 - 6        |
| TONS | Brussels Sprouts    | BUS  | 3 - 6          |
| TONS | Cabbage             | CBP  | 15 - 30        |
| TONS | Carrots             | CAR  | 10 - 25        |
| TONS | Cauliflower         | CFP  | 4 - 9          |
| CWT  | Cucumbers           | CKP  | 80 - 280       |
| TONS | Eggplant            | EGG  | 8 - 15         |
| CWT  | Endive, Escarole    | END  | 200 - 400      |
| CWT  | Lettuce             | LET  | 100 - 440      |
| CWT  | Mixed Vegetables    | MIX  | 50 - 500       |
| TONS | Muskmelon           | MML  | 5 - 15         |
| LBS  | Onions              | ONP  | 500 - 1100     |
| TONS | Peas                | PEA  | 1 - 3          |
| CWT  | Peppers             | PEP  | 80 - 260       |
| BU   | Popcorn             | POP  | 50 - 100       |
| CWT  | Potatoes            | POT  | 225 - 500      |
| TONS | Pumpkins            | PUM  | 10 - 20        |
| TONS | Radishes            | RAD  | 2 - 6          |
| TONS | Spinach             | SPS  | 2 - 7          |
| TONS | Squash, Summer      | SQS  | 5 - 20         |
| TONS | Squash, Winter      | SQW  | 10 - 25        |
| TONS | Sweet Corn          | SWC  | 3 - 8          |
| TONS | Tomato              | TOM  | 10 - 20        |
| TONS | Turnips             | TUR  | 8 - 13         |
| TONS | Watermelons         | WAT  | 20 - 30        |

## STATE SPECIFIC

| Crop | Yield per Acre | Code      | PA  | MD | VT |   |
|------|----------------|-----------|-----|----|----|---|
| CWT  | Celery         | 400 - 600 | CEL | X  | X  | X |
| CWT  | Leeks          | 140 - 180 | LEE | X  | X  | X |
| CWT  | Parsnips       | 160 - 260 | PSN | X  | X  | X |
| CWT  | Sw. Pot.       | 100 - 200 | SWP | X  | X  | X |
| CWT  | Kale           | 100 - 150 | KAL | X  | X  |   |
| CWT  | Garlic         | 60 - 140  | GAR | X  |    | X |
| CWT  | Parsley        | 100 - 200 | PSL |    | X  |   |