

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS**  
**Tree Fruit Samples**

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**# of Samples**                      188

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**SOIL TEST RESULTS**

| <b>RESULT</b>       | <b>AVERAGE</b> | <b>RESULT</b> | <b>AVERAGE</b> |
|---------------------|----------------|---------------|----------------|
| pH                  | 6.2            |               |                |
| Acidity (meq/100 g) | 3.5            |               |                |
| P (ppm)             | 69             |               |                |
| K (ppm)             | 143            | K (% Sat)     | 3.2            |
| Mg (ppm)            | 155            | Mg (% Sat)    | 10.9           |
| Ca (ppm)            | 1,411          | Ca (% Sat)    | 54.5           |
| CEC                 | 11.9           |               |                |

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**SOIL TEST RECOMMENDATIONS**

| <b>RECOMMENDATION</b> | <b>AVERAGE</b> |
|-----------------------|----------------|
| LIME (lb/A)           | 2332           |
| N (lb/A)              |                |
| P2O5 (LB/A)           | 149            |
| K2O (LB/A)            | 79             |
| MGO (LB/a)            | 0              |

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

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|                |              |                     |    |
|----------------|--------------|---------------------|----|
| <b>COUNTY:</b> | <b>Adams</b> | <b># of Samples</b> | 14 |
|----------------|--------------|---------------------|----|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 5.9     |            |         |
| Acidity (meq/100 g) | 4.5     |            |         |
| P (ppm)             | 76      |            |         |
| K (ppm)             | 115     | K (% Sat)  | 2.9     |
| Mg (ppm)            | 108     | Mg (% Sat) | 8.2     |
| Ca (ppm)            | 920     | Ca (% Sat) | 45.4    |
| CEC                 | 10.3    |            |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 2857    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 142     |
| K20 (LB/A)     | 77      |
| MGO (LB/a)     | 0       |

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|                |                  |                     |    |
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| <b>COUNTY:</b> | <b>Allegheny</b> | <b># of Samples</b> | 11 |
|----------------|------------------|---------------------|----|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.3     |            |         |
| Acidity (meq/100 g) | 3.6     |            |         |
| P (ppm)             | 31      |            |         |
| K (ppm)             | 129     | K (% Sat)  | 2.4     |
| Mg (ppm)            | 237     | Mg (% Sat) | 18.0    |
| Ca (ppm)            | 1,694   | Ca (% Sat) | 52.4    |
| CEC                 | 13.5    |            |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 2364    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 154     |
| K20 (LB/A)     | 83      |
| MGO (LB/a)     | 0       |

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

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COUNTY: **Armstrong** # of Samples **1**

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**SOIL TEST RESULTS**

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| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.5     |            |         |
| Acidity (meq/100 g) | 2.8     |            |         |
| P (ppm)             | 24      |            |         |
| K (ppm)             | 187     | K (% Sat)  | 2.6     |
| Mg (ppm)            | 83      | Mg (% Sat) | 3.7     |
| Ca (ppm)            | 2,928   | Ca (% Sat) | 78.7    |
| CEC                 | 18.6    |            |         |

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**SOIL TEST RECOMMENDATIONS**

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| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 0       |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 175     |
| K20 (LB/A)     |         |
| MGO (LB/a)     | 0       |

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COUNTY: **Beaver** # of Samples **1**

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**SOIL TEST RESULTS**

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| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 7.1     |            |         |
| Acidity (meq/100 g) | 0.0     |            |         |
| P (ppm)             | 17      |            |         |
| K (ppm)             | 106     | K (% Sat)  | 1.5     |
| Mg (ppm)            | 408     | Mg (% Sat) | 18.2    |
| Ca (ppm)            | 4,984   | Ca (% Sat) | 80.3    |
| CEC                 | 18.7    |            |         |

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**SOIL TEST RECOMMENDATIONS**

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| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 0       |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 175     |
| K20 (LB/A)     | 80      |
| MGO (LB/a)     | 0       |

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

**COUNTY: Bedford** **# of Samples** 7

**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.2     |            |         |
| Acidity (meq/100 g) | 4.0     |            |         |
| P (ppm)             | 72      |            |         |
| K (ppm)             | 201     | K (% Sat)  | 4.9     |
| Mg (ppm)            | 141     | Mg (% Sat) | 3.7     |
| Ca (ppm)            | 1,109   | Ca (% Sat) | 50.0    |
| CEC                 | 11.2    |            |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 3857    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 150     |
| K20 (LB/A)     | 80      |
| MGO (LB/a)     | 0       |

**COUNTY: Berks** **# of Samples** 12

**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.3     |            |         |
| Acidity (meq/100 g) | 3.1     |            |         |
| P (ppm)             | 66      |            |         |
| K (ppm)             | 146     | K (% Sat)  | 4.0     |
| Mg (ppm)            | 141     | Mg (% Sat) | 11.5    |
| Ca (ppm)            | 1,094   | Ca (% Sat) | 53.0    |
| CEC                 | 10.1    |            |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 1375    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 150     |
| K20 (LB/A)     | 78      |
| MGO (LB/a)     | 0       |

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

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|                |              |                     |   |
|----------------|--------------|---------------------|---|
| <b>COUNTY:</b> | <b>Blair</b> | <b># of Samples</b> | 1 |
|----------------|--------------|---------------------|---|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.6     |            |         |
| Acidity (meq/100 g) | 2.8     |            |         |
| P (ppm)             | 13      |            |         |
| K (ppm)             | 219     | K (% Sat)  | 3.6     |
| Mg (ppm)            | 293     | Mg (% Sat) | 15.5    |
| Ca (ppm)            | 1,988   | Ca (% Sat) | 63.1    |
| CEC                 | 15.7    |            |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 0       |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 150     |
| K20 (LB/A)     |         |
| MGO (LB/a)     | 0       |

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|----------------|-----------------|---------------------|---|
| <b>COUNTY:</b> | <b>Bradford</b> | <b># of Samples</b> | 3 |
|----------------|-----------------|---------------------|---|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 5.9     |            |         |
| Acidity (meq/100 g) | 4.9     |            |         |
| P (ppm)             | 90      |            |         |
| K (ppm)             | 114     | K (% Sat)  | 2.8     |
| Mg (ppm)            | 151     | Mg (% Sat) | 7.5     |
| Ca (ppm)            | 1,205   | Ca (% Sat) | 43.5    |
| CEC                 | 12.5    |            |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 2667    |
| N (lb/A)       |         |
| P2O5 (LB/A)    |         |
| K20 (LB/A)     | 80      |
| MGO (LB/a)     | 0       |

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

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**COUNTY: Bucks** **# of Samples** 6

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**SOIL TEST RESULTS**

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| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.4     |            |         |
| Acidity (meq/100 g) | 2.6     |            |         |
| P (ppm)             | 71      |            |         |
| K (ppm)             | 149     | K (% Sat)  | 3.5     |
| Mg (ppm)            | 190     | Mg (% Sat) | 15.0    |
| Ca (ppm)            | 1,282   | Ca (% Sat) | 58.8    |
| CEC                 | 11.0    |            |         |

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**SOIL TEST RECOMMENDATIONS**

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| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 1167    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 125     |
| K20 (LB/A)     | 57      |
| MGO (LB/a)     | 0       |

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**COUNTY: Butler** **# of Samples** 6

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**SOIL TEST RESULTS**

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| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.2     |            |         |
| Acidity (meq/100 g) | 3.3     |            |         |
| P (ppm)             | 60      |            |         |
| K (ppm)             | 117     | K (% Sat)  | 2.2     |
| Mg (ppm)            | 157     | Mg (% Sat) | 3.6     |
| Ca (ppm)            | 1,920   | Ca (% Sat) | 61.3    |
| CEC                 | 13.7    |            |         |

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**SOIL TEST RECOMMENDATIONS**

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| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 2667    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 163     |
| K20 (LB/A)     | 85      |
| MGO (LB/a)     | 0       |

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

**COUNTY: Cambria** **# of Samples** 1

**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 5.2     |            |         |
| Acidity (meq/100 g) | 8.1     |            |         |
| P (ppm)             | 32      |            |         |
| K (ppm)             | 104     | K (% Sat)  | 2.5     |
| Mg (ppm)            | 34      | Mg (% Sat) | 2.7     |
| Ca (ppm)            | 408     | Ca (% Sat) | 19.1    |
| CEC                 | 10.7    |            |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 6000    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 150     |
| K20 (LB/A)     | 80      |
| MGO (LB/a)     | 0       |

**COUNTY: Centre** **# of Samples** 2

**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.8     |            |         |
| Acidity (meq/100 g) | 1.0     |            |         |
| P (ppm)             | 59      |            |         |
| K (ppm)             | 104     | K (% Sat)  | 1.9     |
| Mg (ppm)            | 86      | Mg (% Sat) | 5.6     |
| Ca (ppm)            | 2,871   | Ca (% Sat) | 85.5    |
| CEC                 | 14.5    |            |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 0       |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 175     |
| K20 (LB/A)     | 90      |
| MGO (LB/a)     | 0       |

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

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|                |                |                     |   |
|----------------|----------------|---------------------|---|
| <b>COUNTY:</b> | <b>Chester</b> | <b># of Samples</b> | 1 |
|----------------|----------------|---------------------|---|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 7.6     |                   |         |
| Acidity (meq/100 g) | 0.0     |                   |         |
| P (ppm)             | 463     |                   |         |
| K (ppm)             | 1,013   | <b>K (% Sat)</b>  | 12.2    |
| Mg (ppm)            | 445     | <b>Mg (% Sat)</b> | 17.4    |
| Ca (ppm)            | 4,298   | <b>Ca (% Sat)</b> | 70.4    |
| CEC                 | 21.3    |                   |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 0       |
| N (lb/A)       |         |
| P2O5 (LB/A)    |         |
| K20 (LB/A)     |         |
| MGO (LB/a)     | 0       |

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|                |                   |                     |   |
|----------------|-------------------|---------------------|---|
| <b>COUNTY:</b> | <b>Clearfield</b> | <b># of Samples</b> | 1 |
|----------------|-------------------|---------------------|---|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 7.1     |                   |         |
| Acidity (meq/100 g) | 0.0     |                   |         |
| P (ppm)             | 13      |                   |         |
| K (ppm)             | 131     | <b>K (% Sat)</b>  | 2.1     |
| Mg (ppm)            | 95      | <b>Mg (% Sat)</b> | 4.9     |
| Ca (ppm)            | 3,352   | <b>Ca (% Sat)</b> | 93.0    |
| CEC                 | 16.1    |                   |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 0       |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 175     |
| K20 (LB/A)     | 80      |
| MGO (LB/a)     | 0       |



**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

**COUNTY: Columbia** **# of Samples** 3

**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 5.7     |            |         |
| Acidity (meq/100 g) | 4.5     |            |         |
| P (ppm)             | 76      |            |         |
| K (ppm)             | 107     | K (% Sat)  | 2.6     |
| Mg (ppm)            | 86      | Mg (% Sat) | 5.7     |
| Ca (ppm)            | 899     | Ca (% Sat) | 41.7    |
| CEC                 | 10.0    |            |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 2667    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 150     |
| K20 (LB/A)     | 98      |
| MGO (LB/a)     | 0       |

**COUNTY: Cumberland** **# of Samples** 1

**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.8     |            |         |
| Acidity (meq/100 g) | 2.0     |            |         |
| P (ppm)             | 17      |            |         |
| K (ppm)             | 102     | K (% Sat)  | 2.8     |
| Mg (ppm)            | 152     | Mg (% Sat) | 13.6    |
| Ca (ppm)            | 1,157   | Ca (% Sat) | 62.1    |
| CEC                 | 9.3     |            |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 0       |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 175     |
| K20 (LB/A)     | 80      |
| MGO (LB/a)     | 0       |

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

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|                |                |                     |    |
|----------------|----------------|---------------------|----|
| <b>COUNTY:</b> | <b>Dauphin</b> | <b># of Samples</b> | 19 |
|----------------|----------------|---------------------|----|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.5     |            |         |
| Acidity (meq/100 g) | 1.9     |            |         |
| P (ppm)             | 71      |            |         |
| K (ppm)             | 178     | K (% Sat)  | 4.3     |
| Mg (ppm)            | 147     | Mg (% Sat) | 10.1    |
| Ca (ppm)            | 1,404   | Ca (% Sat) | 65.8    |
| CEC                 | 10.6    |            |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 211     |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 117     |
| K20 (LB/A)     | 51      |
| MGO (LB/a)     | 0       |

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|                |                 |                     |   |
|----------------|-----------------|---------------------|---|
| <b>COUNTY:</b> | <b>Delaware</b> | <b># of Samples</b> | 1 |
|----------------|-----------------|---------------------|---|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.3     |            |         |
| Acidity (meq/100 g) | 2.8     |            |         |
| P (ppm)             | 15      |            |         |
| K (ppm)             | 114     | K (% Sat)  | 2.0     |
| Mg (ppm)            | 251     | Mg (% Sat) | 14.0    |
| Ca (ppm)            | 1,952   | Ca (% Sat) | 65.3    |
| CEC                 | 14.9    |            |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 3600    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 175     |
| K20 (LB/A)     | 80      |
| MGO (LB/a)     | 0       |

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

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|                |            |                     |   |
|----------------|------------|---------------------|---|
| <b>COUNTY:</b> | <b>Eik</b> | <b># of Samples</b> | 5 |
|----------------|------------|---------------------|---|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.4     |            |         |
| Acidity (meq/100 g) | 3.3     |            |         |
| P (ppm)             | 90      |            |         |
| K (ppm)             | 99      | K (% Sat)  | 1.9     |
| Mg (ppm)            | 202     | Mg (% Sat) | 5.7     |
| Ca (ppm)            | 1,922   | Ca (% Sat) | 60.0    |
| CEC                 | 13.6    |            |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 2000    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 125     |
| K20 (LB/A)     | 78      |
| MGO (LB/a)     | 0       |

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|                |             |                     |   |
|----------------|-------------|---------------------|---|
| <b>COUNTY:</b> | <b>Erie</b> | <b># of Samples</b> | 7 |
|----------------|-------------|---------------------|---|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.2     |            |         |
| Acidity (meq/100 g) | 3.9     |            |         |
| P (ppm)             | 77      |            |         |
| K (ppm)             | 108     | K (% Sat)  | 2.5     |
| Mg (ppm)            | 166     | Mg (% Sat) | 7.2     |
| Ca (ppm)            | 1,362   | Ca (% Sat) | 52.3    |
| CEC                 | 12.3    |            |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 2286    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 150     |
| K20 (LB/A)     | 75      |
| MGO (LB/a)     | 0       |

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

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|                |               |                     |   |
|----------------|---------------|---------------------|---|
| <b>COUNTY:</b> | <b>Forest</b> | <b># of Samples</b> | 2 |
|----------------|---------------|---------------------|---|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 5.8     |            |         |
| Acidity (meq/100 g) | 5.4     |            |         |
| P (ppm)             | 37      |            |         |
| K (ppm)             | 81      | K (% Sat)  | 2.2     |
| Mg (ppm)            | 64      | Mg (% Sat) | 6.3     |
| Ca (ppm)            | 788     | Ca (% Sat) | 38.6    |
| CEC                 | 10.1    |            |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 4000    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 150     |
| K20 (LB/A)     | 90      |
| MGO (LB/a)     | 0       |

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|                |                   |                     |   |
|----------------|-------------------|---------------------|---|
| <b>COUNTY:</b> | <b>Huntingdon</b> | <b># of Samples</b> | 2 |
|----------------|-------------------|---------------------|---|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 5.9     |            |         |
| Acidity (meq/100 g) | 3.7     |            |         |
| P (ppm)             | 36      |            |         |
| K (ppm)             | 130     | K (% Sat)  | 3.9     |
| Mg (ppm)            | 134     | Mg (% Sat) | 8.9     |
| Ca (ppm)            | 710     | Ca (% Sat) | 40.9    |
| CEC                 | 8.6     |            |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 1500    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 150     |
| K20 (LB/A)     | 45      |
| MGO (LB/a)     | 0       |

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**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

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|                |                |                     |   |
|----------------|----------------|---------------------|---|
| <b>COUNTY:</b> | <b>Indiana</b> | <b># of Samples</b> | 2 |
|----------------|----------------|---------------------|---|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 6.8     |                   |         |
| Acidity (meq/100 g) | 1.0     |                   |         |
| P (ppm)             | 84      |                   |         |
| K (ppm)             | 124     | <b>K (% Sat)</b>  | 1.8     |
| Mg (ppm)            | 341     | <b>Mg (% Sat)</b> | 14.3    |
| Ca (ppm)            | 2,666   | <b>Ca (% Sat)</b> | 76.1    |
| CEC                 | 17.5    |                   |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 0       |
| N (lb/A)       |         |
| P2O5 (LB/A)    |         |
| K20 (LB/A)     | 60      |
| MGO (LB/a)     | 0       |

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|                |                |                     |   |
|----------------|----------------|---------------------|---|
| <b>COUNTY:</b> | <b>Juniata</b> | <b># of Samples</b> | 3 |
|----------------|----------------|---------------------|---|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 6.7     |                   |         |
| Acidity (meq/100 g) | 2.5     |                   |         |
| P (ppm)             | 27      |                   |         |
| K (ppm)             | 168     | <b>K (% Sat)</b>  | 3.4     |
| Mg (ppm)            | 266     | <b>Mg (% Sat)</b> | 16.7    |
| Ca (ppm)            | 1,609   | <b>Ca (% Sat)</b> | 60.9    |
| CEC                 | 13.2    |                   |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 0       |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 133     |
| K20 (LB/A)     | 30      |
| MGO (LB/a)     | 0       |

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

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**COUNTY: Lancaster** **# of Samples** 2

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**SOIL TEST RESULTS**

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| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.2     |            |         |
| Acidity (meq/100 g) | 3.0     |            |         |
| P (ppm)             | 28      |            |         |
| K (ppm)             | 197     | K (% Sat)  | 5.1     |
| Mg (ppm)            | 178     | Mg (% Sat) | 11.0    |
| Ca (ppm)            | 1,083   | Ca (% Sat) | 51.2    |
| CEC                 | 10.4    |            |         |

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**SOIL TEST RECOMMENDATIONS**

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| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 1500    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 125     |
| K20 (LB/A)     | 60      |
| MGO (LB/a)     | 0       |

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**COUNTY: Lawrence** **# of Samples** 8

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**SOIL TEST RESULTS**

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| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.3     |            |         |
| Acidity (meq/100 g) | 2.9     |            |         |
| P (ppm)             | 105     |            |         |
| K (ppm)             | 129     | K (% Sat)  | 3.2     |
| Mg (ppm)            | 140     | Mg (% Sat) | 7.1     |
| Ca (ppm)            | 1,191   | Ca (% Sat) | 57.1    |
| CEC                 | 10.4    |            |         |

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**SOIL TEST RECOMMENDATIONS**

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| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 2063    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 100     |
| K20 (LB/A)     | 63      |
| MGO (LB/a)     | 0       |

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

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|                |                |                     |   |
|----------------|----------------|---------------------|---|
| <b>COUNTY:</b> | <b>Lebanon</b> | <b># of Samples</b> | 1 |
|----------------|----------------|---------------------|---|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 5.9     |                   |         |
| Acidity (meq/100 g) | 3.4     |                   |         |
| P (ppm)             | 16      |                   |         |
| K (ppm)             | 80      | <b>K (% Sat)</b>  | 2.4     |
| Mg (ppm)            | 127     | <b>Mg (% Sat)</b> | 12.5    |
| Ca (ppm)            | 762     | <b>Ca (% Sat)</b> | 45.0    |
| CEC                 | 8.5     |                   |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 3000    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 175     |
| K20 (LB/A)     | 60      |
| MGO (LB/a)     | 0       |

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|                |               |                     |   |
|----------------|---------------|---------------------|---|
| <b>COUNTY:</b> | <b>Lehigh</b> | <b># of Samples</b> | 1 |
|----------------|---------------|---------------------|---|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 6.7     |                   |         |
| Acidity (meq/100 g) | 2.8     |                   |         |
| P (ppm)             | 48      |                   |         |
| K (ppm)             | 240     | <b>K (% Sat)</b>  | 4.3     |
| Mg (ppm)            | 241     | <b>Mg (% Sat)</b> | 14.0    |
| Ca (ppm)            | 1,783   | <b>Ca (% Sat)</b> | 62.2    |
| CEC                 | 14.3    |                   |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 0       |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 100     |
| K20 (LB/A)     |         |
| MGO (LB/a)     | 0       |

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

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**COUNTY: Luzerne** **# of Samples** 1

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**SOIL TEST RESULTS**

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| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 7.1     |            |         |
| Acidity (meq/100 g) | 0.0     |            |         |
| P (ppm)             | 279     |            |         |
| K (ppm)             | 210     | K (% Sat)  | 3.2     |
| Mg (ppm)            | 144     | Mg (% Sat) | 7.2     |
| Ca (ppm)            | 3,938   | Ca (% Sat) | 89.6    |
| CEC                 | 16.7    |            |         |

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**SOIL TEST RECOMMENDATIONS**

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| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 0       |
| N (lb/A)       |         |
| P2O5 (LB/A)    |         |
| K20 (LB/A)     |         |
| MGO (LB/a)     | 0       |

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**COUNTY: Lycoming** **# of Samples** 2

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**SOIL TEST RESULTS**

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| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 5.3     |            |         |
| Acidity (meq/100 g) | 7.9     |            |         |
| P (ppm)             | 65      |            |         |
| K (ppm)             | 203     | K (% Sat)  | 4.3     |
| Mg (ppm)            | 72      | Mg (% Sat) | 1.1     |
| Ca (ppm)            | 711     | Ca (% Sat) | 29.1    |
| CEC                 | 12.5    |            |         |

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**SOIL TEST RECOMMENDATIONS**

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| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 7000    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 175     |
| K20 (LB/A)     | 170     |
| MGO (LB/a)     | 0       |



**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

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**COUNTY: McKean** **# of Samples** 2

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**SOIL TEST RESULTS**

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| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 4.7     |            |         |
| Acidity (meq/100 g) | 14.7    |            |         |
| P (ppm)             | 5       |            |         |
| K (ppm)             | 46      | K (% Sat)  | 0.8     |
| Mg (ppm)            | 21      | Mg (% Sat) | 0.8     |
| Ca (ppm)            | 162     | Ca (% Sat) | 5.4     |
| CEC                 | 15.3    |            |         |

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**SOIL TEST RECOMMENDATIONS**

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| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 18600   |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 200     |
| K20 (LB/A)     | 150     |
| MGO (LB/a)     | 0       |

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**COUNTY: Mifflin** **# of Samples** 3

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**SOIL TEST RESULTS**

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| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.6     |            |         |
| Acidity (meq/100 g) | 2.1     |            |         |
| P (ppm)             | 57      |            |         |
| K (ppm)             | 155     | K (% Sat)  | 3.4     |
| Mg (ppm)            | 142     | Mg (% Sat) | 7.2     |
| Ca (ppm)            | 1,646   | Ca (% Sat) | 69.3    |
| CEC                 | 11.9    |            |         |

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**SOIL TEST RECOMMENDATIONS**

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| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 1667    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 150     |
| K20 (LB/A)     | 80      |
| MGO (LB/a)     | 0       |

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

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**COUNTY: Monroe** **# of Samples** 2

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**SOIL TEST RESULTS**

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| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.4     |            |         |
| Acidity (meq/100 g) | 2.6     |            |         |
| P (ppm)             | 28      |            |         |
| K (ppm)             | 38      | K (% Sat)  | 1.2     |
| Mg (ppm)            | 57      | Mg (% Sat) | 6.5     |
| Ca (ppm)            | 1,109   | Ca (% Sat) | 67.5    |
| CEC                 | 8.7     |            |         |

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**SOIL TEST RECOMMENDATIONS**

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| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 2000    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 138     |
| K20 (LB/A)     | 135     |
| MGO (LB/a)     | 0       |

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**COUNTY: Montgomery** **# of Samples** 2

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**SOIL TEST RESULTS**

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| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.6     |            |         |
| Acidity (meq/100 g) | 3.8     |            |         |
| P (ppm)             | 24      |            |         |
| K (ppm)             | 95      | K (% Sat)  | 1.5     |
| Mg (ppm)            | 291     | Mg (% Sat) | 14.7    |
| Ca (ppm)            | 2,492   | Ca (% Sat) | 55.6    |
| CEC                 | 15.9    |            |         |

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**SOIL TEST RECOMMENDATIONS**

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| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 3000    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 125     |
| K20 (LB/A)     | 90      |
| MGO (LB/a)     | 0       |

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

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|                |                |                     |   |
|----------------|----------------|---------------------|---|
| <b>COUNTY:</b> | <b>Montour</b> | <b># of Samples</b> | 1 |
|----------------|----------------|---------------------|---|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 6.1     |                   |         |
| Acidity (meq/100 g) | 3.4     |                   |         |
| P (ppm)             | 73      |                   |         |
| K (ppm)             | 218     | <b>K (% Sat)</b>  | 5.1     |
| Mg (ppm)            | 201     | <b>Mg (% Sat)</b> | 15.2    |
| Ca (ppm)            | 1,071   | <b>Ca (% Sat)</b> | 48.7    |
| CEC                 | 11.0    |                   |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 2000    |
| N (lb/A)       |         |
| P2O5 (LB/A)    |         |
| K20 (LB/A)     |         |
| MGO (LB/a)     | 0       |

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|                |                    |                     |   |
|----------------|--------------------|---------------------|---|
| <b>COUNTY:</b> | <b>Northampton</b> | <b># of Samples</b> | 8 |
|----------------|--------------------|---------------------|---|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 5.8     |                   |         |
| Acidity (meq/100 g) | 4.2     |                   |         |
| P (ppm)             | 70      |                   |         |
| K (ppm)             | 148     | <b>K (% Sat)</b>  | 3.9     |
| Mg (ppm)            | 114     | <b>Mg (% Sat)</b> | 5.3     |
| Ca (ppm)            | 877     | <b>Ca (% Sat)</b> | 40.1    |
| CEC                 | 9.9     |                   |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 2625    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 150     |
| K20 (LB/A)     | 72      |
| MGO (LB/a)     | 0       |

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

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**COUNTY:**      **Northumberland** **# of Samples**                      4

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**SOIL TEST RESULTS**

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| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 6.2     |                   |         |
| Acidity (meq/100 g) | 3.7     |                   |         |
| P (ppm)             | 162     |                   |         |
| K (ppm)             | 129     | <b>K (% Sat)</b>  | 2.3     |
| Mg (ppm)            | 124     | <b>Mg (% Sat)</b> | 4.0     |
| Ca (ppm)            | 1,693   | <b>Ca (% Sat)</b> | 59.3    |
| CEC                 | 13.5    |                   |         |

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**SOIL TEST RECOMMENDATIONS**

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| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 3275    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 188     |
| K20 (LB/A)     | 135     |
| MGO (LB/a)     | 0       |

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**COUNTY:**      **Pike** **# of Samples**                      1

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**SOIL TEST RESULTS**

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| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 5.8     |                   |         |
| Acidity (meq/100 g) | 4.5     |                   |         |
| P (ppm)             | 38      |                   |         |
| K (ppm)             | 31      | <b>K (% Sat)</b>  | 1.0     |
| Mg (ppm)            | 58      | <b>Mg (% Sat)</b> | 5.9     |
| Ca (ppm)            | 636     | <b>Ca (% Sat)</b> | 38.6    |
| CEC                 | 8.2     |                   |         |

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**SOIL TEST RECOMMENDATIONS**

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| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 3000    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 150     |
| K20 (LB/A)     | 150     |
| MGO (LB/a)     | 0       |

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

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|                |               |                     |   |
|----------------|---------------|---------------------|---|
| <b>COUNTY:</b> | <b>Potter</b> | <b># of Samples</b> | 3 |
|----------------|---------------|---------------------|---|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 5.2     |                   |         |
| Acidity (meq/100 g) | 7.9     |                   |         |
| P (ppm)             | 43      |                   |         |
| K (ppm)             | 86      | <b>K (% Sat)</b>  | 1.9     |
| Mg (ppm)            | 71      | <b>Mg (% Sat)</b> | 5.5     |
| Ca (ppm)            | 757     | <b>Ca (% Sat)</b> | 29.6    |
| CEC                 | 12.5    |                   |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 9533    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 200     |
| K20 (LB/A)     | 98      |
| MGO (LB/a)     | 0       |

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|                |                   |                     |   |
|----------------|-------------------|---------------------|---|
| <b>COUNTY:</b> | <b>Schuylkill</b> | <b># of Samples</b> | 3 |
|----------------|-------------------|---------------------|---|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 5.9     |                   |         |
| Acidity (meq/100 g) | 5.7     |                   |         |
| P (ppm)             | 64      |                   |         |
| K (ppm)             | 92      | <b>K (% Sat)</b>  | 1.7     |
| Mg (ppm)            | 167     | <b>Mg (% Sat)</b> | 8.9     |
| Ca (ppm)            | 1,532   | <b>Ca (% Sat)</b> | 49.5    |
| CEC                 | 15.0    |                   |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 4333    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 138     |
| K20 (LB/A)     | 73      |
| MGO (LB/a)     | 0       |

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

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|                |                    |                     |   |
|----------------|--------------------|---------------------|---|
| <b>COUNTY:</b> | <b>Susquehanna</b> | <b># of Samples</b> | 5 |
|----------------|--------------------|---------------------|---|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.3     |            |         |
| Acidity (meq/100 g) | 3.6     |            |         |
| P (ppm)             | 20      |            |         |
| K (ppm)             | 131     | K (% Sat)  | 3.0     |
| Mg (ppm)            | 165     | Mg (% Sat) | 10.8    |
| Ca (ppm)            | 1,201   | Ca (% Sat) | 53.3    |
| CEC                 | 11.4    |            |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 1200    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 145     |
| K20 (LB/A)     | 73      |
| MGO (LB/a)     | 0       |

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|                |              |                     |   |
|----------------|--------------|---------------------|---|
| <b>COUNTY:</b> | <b>Union</b> | <b># of Samples</b> | 1 |
|----------------|--------------|---------------------|---|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.4     |            |         |
| Acidity (meq/100 g) | 2.8     |            |         |
| P (ppm)             | 66      |            |         |
| K (ppm)             | 137     | K (% Sat)  | 3.0     |
| Mg (ppm)            | 149     | Mg (% Sat) | 10.4    |
| Ca (ppm)            | 1,502   | Ca (% Sat) | 63.1    |
| CEC                 | 11.9    |            |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 0       |
| N (lb/A)       |         |
| P2O5 (LB/A)    |         |
| K20 (LB/A)     | 30      |
| MGO (LB/a)     | 0       |

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

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|                |               |                     |   |
|----------------|---------------|---------------------|---|
| <b>COUNTY:</b> | <b>Warren</b> | <b># of Samples</b> | 1 |
|----------------|---------------|---------------------|---|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 5.2     |            |         |
| Acidity (meq/100 g) | 7.5     |            |         |
| P (ppm)             | 17      |            |         |
| K (ppm)             | 142     | K (% Sat)  | 3.1     |
| Mg (ppm)            | 85      | Mg (% Sat) | 5.9     |
| Ca (ppm)            | 668     | Ca (% Sat) | 28.0    |
| CEC                 | 11.9    |            |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 6000    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 150     |
| K20 (LB/A)     | 60      |
| MGO (LB/a)     | 0       |

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|                |                   |                     |   |
|----------------|-------------------|---------------------|---|
| <b>COUNTY:</b> | <b>Washington</b> | <b># of Samples</b> | 7 |
|----------------|-------------------|---------------------|---|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.8     |            |         |
| Acidity (meq/100 g) | 2.7     |            |         |
| P (ppm)             | 58      |            |         |
| K (ppm)             | 105     | K (% Sat)  | 1.7     |
| Mg (ppm)            | 198     | Mg (% Sat) | 9.2     |
| Ca (ppm)            | 2,716   | Ca (% Sat) | 71.5    |
| CEC                 | 16.5    |            |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 1929    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 175     |
| K20 (LB/A)     | 97      |
| MGO (LB/a)     | 0       |

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

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|                |              |                     |   |
|----------------|--------------|---------------------|---|
| <b>COUNTY:</b> | <b>Wayne</b> | <b># of Samples</b> | 2 |
|----------------|--------------|---------------------|---|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 5.8     |                   |         |
| Acidity (meq/100 g) | 4.6     |                   |         |
| P (ppm)             | 81      |                   |         |
| K (ppm)             | 114     | <b>K (% Sat)</b>  | 2.9     |
| Mg (ppm)            | 81      | <b>Mg (% Sat)</b> | 7.3     |
| Ca (ppm)            | 945     | <b>Ca (% Sat)</b> | 46.1    |
| CEC                 | 10.2    |                   |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 3000    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 150     |
| K20 (LB/A)     | 60      |
| MGO (LB/a)     | 0       |

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|                |                     |                     |   |
|----------------|---------------------|---------------------|---|
| <b>COUNTY:</b> | <b>Westmoreland</b> | <b># of Samples</b> | 1 |
|----------------|---------------------|---------------------|---|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 5.2     |                   |         |
| Acidity (meq/100 g) | 8.1     |                   |         |
| P (ppm)             | 10      |                   |         |
| K (ppm)             | 75      | <b>K (% Sat)</b>  | 1.8     |
| Mg (ppm)            | 43      | <b>Mg (% Sat)</b> | 3.4     |
| Ca (ppm)            | 381     | <b>Ca (% Sat)</b> | 18.1    |
| CEC                 | 10.6    |                   |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 6000    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 175     |
| K20 (LB/A)     | 120     |
| MGO (LB/a)     | 0       |



**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

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|                |             |                     |    |
|----------------|-------------|---------------------|----|
| <b>COUNTY:</b> | <b>York</b> | <b># of Samples</b> | 15 |
|----------------|-------------|---------------------|----|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 6.3     |                   |         |
| Acidity (meq/100 g) | 2.8     |                   |         |
| P (ppm)             | 100     |                   |         |
| K (ppm)             | 187     | <b>K (% Sat)</b>  | 4.6     |
| Mg (ppm)            | 163     | <b>Mg (% Sat)</b> | 11.0    |
| Ca (ppm)            | 1,178   | <b>Ca (% Sat)</b> | 55.2    |
| CEC                 | 10.5    |                   |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 2160    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 117     |
| K2O (LB/A)     | 30      |
| MGO (LB/a)     | 0       |