

**SUMMARY REPORT**  
**SOIL TEST RESULTS-AVERAGES**  
Commercial Vegetables

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**# of Samples**            1,540

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**SOIL TEST RESULTS**

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| <b>RESULT</b>              | <b>AVERAGE</b> | <b>RESULT</b>     | <b>AVERAGE</b> |
|----------------------------|----------------|-------------------|----------------|
| <b>pH</b>                  | 6.6            |                   |                |
| <b>Acidity (meq/100 g)</b> | 2.2            |                   |                |
| <b>P (ppm)</b>             | 157            |                   |                |
| <b>K (ppm)</b>             | 214            | <b>K (% Sat)</b>  | 4.1            |
| <b>Mg (ppm)</b>            | 214            | <b>Mg (% Sat)</b> | 29.1           |
| <b>Ca (ppm)</b>            | 1,814          | <b>Ca (% Sat)</b> | 62.9           |
| <b>CEC</b>                 | 12.7           |                   |                |

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**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Commercial Vegetables**

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**COUNTY: Adams** **# of Samples** 19

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.4     |            |         |
| Acidity (meq/100 g) | 2.9     |            |         |
| P (ppm)             | 178     |            |         |
| K (ppm)             | 376     | K (% Sat)  | 5.7     |
| Mg (ppm)            | 293     | Mg (% Sat) | 8.9     |
| Ca (ppm)            | 2,000   | Ca (% Sat) | 56.2    |
| CEC                 | 15.0    |            |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 1842    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 164     |
| K20 (LB/A)     | 144     |
| MGO (LB/a)     | 38      |

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**COUNTY: Allegheny** **# of Samples** 81

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.6     |            |         |
| Acidity (meq/100 g) | 2.2     |            |         |
| P (ppm)             | 143     |            |         |
| K (ppm)             | 196     | K (% Sat)  | 3.6     |
| Mg (ppm)            | 188     | Mg (% Sat) | 8.5     |
| Ca (ppm)            | 2,101   | Ca (% Sat) | 69.4    |
| CEC                 | 13.7    |            |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 1202    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 96      |
| K20 (LB/A)     | 71      |
| MGO (LB/a)     | 27      |

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Commercial Vegetables

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

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 6.6     |                   |         |
| Acidity (meq/100 g) | 1.4     |                   |         |
| P (ppm)             | 285     |                   |         |
| K (ppm)             | 300     | <b>K (% Sat)</b>  | 4.9     |
| Mg (ppm)            | 249     | <b>Mg (% Sat)</b> | 6.3     |
| Ca (ppm)            | 2,507   | <b>Ca (% Sat)</b> | 68.2    |
| CEC                 | 15.1    |                   |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 875     |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 153     |
| K2O (LB/A)     | 210     |
| MGO (LB/a)     | 30      |

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|                |               |                     |   |
|----------------|---------------|---------------------|---|
| <b>COUNTY:</b> | <b>Beaver</b> | <b># of Samples</b> | 9 |
|----------------|---------------|---------------------|---|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 7.1     |                   |         |
| Acidity (meq/100 g) | 0.9     |                   |         |
| P (ppm)             | 349     |                   |         |
| K (ppm)             | 399     | <b>K (% Sat)</b>  | 5.3     |
| Mg (ppm)            | 375     | <b>Mg (% Sat)</b> | 7.7     |
| Ca (ppm)            | 3,768   | <b>Ca (% Sat)</b> | 72.1    |
| CEC                 | 18.3    |                   |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 667     |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 240     |
| K2O (LB/A)     | 210     |
| MGO (LB/a)     | 0       |

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**COUNTY: Bedford** **# of Samples** 5

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 6.7     |                   |         |
| Acidity (meq/100 g) | 2.3     |                   |         |
| P (ppm)             | 95      |                   |         |
| K (ppm)             | 272     | <b>K (% Sat)</b>  | 5.3     |
| Mg (ppm)            | 180     | <b>Mg (% Sat)</b> | 7.8     |
| Ca (ppm)            | 1,738   | <b>Ca (% Sat)</b> | 65.3    |
| CEC                 | 13.1    |                   |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 2000    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 113     |
| K20 (LB/A)     | 115     |
| MGO (LB/a)     | 83      |

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**COUNTY: Berks** **# of Samples** 49

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 6.7     |                   |         |
| Acidity (meq/100 g) | 1.9     |                   |         |
| P (ppm)             | 173     |                   |         |
| K (ppm)             | 181     | <b>K (% Sat)</b>  | 3.6     |
| Mg (ppm)            | 214     | <b>Mg (% Sat)</b> | 8.5     |
| Ca (ppm)            | 1,793   | <b>Ca (% Sat)</b> | 63.1    |
| CEC                 | 12.2    |                   |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 1041    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 173     |
| K20 (LB/A)     | 175     |
| MGO (LB/a)     | 4       |

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Commercial Vegetables

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|                |              |                     |    |
|----------------|--------------|---------------------|----|
| <b>COUNTY:</b> | <b>Blair</b> | <b># of Samples</b> | 13 |
|----------------|--------------|---------------------|----|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.9     |            |         |
| Acidity (meq/100 g) | 1.3     |            |         |
| P (ppm)             | 215     |            |         |
| K (ppm)             | 459     | K (% Sat)  | 6.7     |
| Mg (ppm)            | 253     | Mg (% Sat) | 8.7     |
| Ca (ppm)            | 2,275   | Ca (% Sat) | 68.4    |
| CEC                 | 15.0    |            |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 692     |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 154     |
| K2O (LB/A)     | 111     |
| MGO (LB/a)     | 0       |

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

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.4     |            |         |
| Acidity (meq/100 g) | 3.1     |            |         |
| P (ppm)             | 152     |            |         |
| K (ppm)             | 293     | K (% Sat)  | 4.4     |
| Mg (ppm)            | 226     | Mg (% Sat) | 10.9    |
| Ca (ppm)            | 1,933   | Ca (% Sat) | 57.5    |
| CEC                 | 14.4    |            |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 2200    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 99      |
| K2O (LB/A)     | 74      |
| MGO (LB/a)     | 8       |

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**COUNTY: Bucks** **# of Samples** 51

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.3     |            |         |
| Acidity (meq/100 g) | 2.6     |            |         |
| P (ppm)             | 142     |            |         |
| K (ppm)             | 208     | K (% Sat)  | 4.0     |
| Mg (ppm)            | 260     | Mg (% Sat) | 12.1    |
| Ca (ppm)            | 1,424   | Ca (% Sat) | 52.1    |
| CEC                 | 12.2    |            |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 2039    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 157     |
| K2O (LB/A)     | 168     |
| MGO (LB/a)     | 22      |

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**COUNTY: Butler** **# of Samples** 35

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.8     |            |         |
| Acidity (meq/100 g) | 1.7     |            |         |
| P (ppm)             | 164     |            |         |
| K (ppm)             | 213     | K (% Sat)  | 4.2     |
| Mg (ppm)            | 190     | Mg (% Sat) | 6.8     |
| Ca (ppm)            | 1,924   | Ca (% Sat) | 68.4    |
| CEC                 | 12.7    |            |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 1171    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 117     |
| K2O (LB/A)     | 71      |
| MGO (LB/a)     | 27      |

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**Commercial Vegetables**

**COUNTY: Cambria** **# of Samples** 4

**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 7.1     |            |         |
| Acidity (meq/100 g) | 1.1     |            |         |
| P (ppm)             | 534     |            |         |
| K (ppm)             | 409     | K (% Sat)  | 5.6     |
| Mg (ppm)            | 302     | Mg (% Sat) | 8.0     |
| Ca (ppm)            | 3,386   | Ca (% Sat) | 73.4    |
| CEC                 | 18.0    |            |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 1250    |
| N (lb/A)       |         |
| P2O5 (LB/A)    |         |
| K2O (LB/A)     | 125     |
| MGO (LB/a)     | 0       |

**COUNTY: Cameron** **# of Samples** 1

**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.4     |            |         |
| Acidity (meq/100 g) | 3.9     |            |         |
| P (ppm)             | 81      |            |         |
| K (ppm)             | 156     | K (% Sat)  | 2.9     |
| Mg (ppm)            | 58      | Mg (% Sat) | 3.5     |
| Ca (ppm)            | 1,772   | Ca (% Sat) | 64.9    |
| CEC                 | 13.6    |            |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 0       |
| N (lb/A)       |         |
| P2O5 (LB/A)    |         |
| K2O (LB/A)     |         |
| MGO (LB/a)     | 80      |

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|                |               |                     |   |
|----------------|---------------|---------------------|---|
| <b>COUNTY:</b> | <b>Carbon</b> | <b># of Samples</b> | 6 |
|----------------|---------------|---------------------|---|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 6.2     |                   |         |
| Acidity (meq/100 g) | 4.0     |                   |         |
| P (ppm)             | 142     |                   |         |
| K (ppm)             | 139     | <b>K (% Sat)</b>  | 3.2     |
| Mg (ppm)            | 203     | <b>Mg (% Sat)</b> | 8.0     |
| Ca (ppm)            | 798     | <b>Ca (% Sat)</b> | 39.4    |
| CEC                 | 10.1    |                   |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 2167    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 126     |
| K20 (LB/A)     | 123     |
| MGO (LB/a)     | 30      |

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|                |               |                     |     |
|----------------|---------------|---------------------|-----|
| <b>COUNTY:</b> | <b>Centre</b> | <b># of Samples</b> | 216 |
|----------------|---------------|---------------------|-----|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 6.3     |                   |         |
| Acidity (meq/100 g) | 3.0     |                   |         |
| P (ppm)             | 82      |                   |         |
| K (ppm)             | 163     | <b>K (% Sat)</b>  | 3.6     |
| Mg (ppm)            | 184     | <b>Mg (% Sat)</b> | 7.4     |
| Ca (ppm)            | 1,485   | <b>Ca (% Sat)</b> | 56.6    |
| CEC                 | 11.8    |                   |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 2749    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 122     |
| K20 (LB/A)     | 99      |
| MGO (LB/a)     | 49      |



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|                |                |                     |    |
|----------------|----------------|---------------------|----|
| <b>COUNTY:</b> | <b>Chester</b> | <b># of Samples</b> | 39 |
|----------------|----------------|---------------------|----|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 6.7     |                   |         |
| Acidity (meq/100 g) | 1.7     |                   |         |
| P (ppm)             | 88      |                   |         |
| K (ppm)             | 178     | <b>K (% Sat)</b>  | 3.8     |
| Mg (ppm)            | 228     | <b>Mg (% Sat)</b> | 5.5     |
| Ca (ppm)            | 1,613   | <b>Ca (% Sat)</b> | 64.0    |
| CEC                 | 11.9    |                   |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 1331    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 168     |
| K2O (LB/A)     | 170     |
| MGO (LB/a)     | 25      |

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

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 6.7     |                   |         |
| Acidity (meq/100 g) | 2.3     |                   |         |
| P (ppm)             | 328     |                   |         |
| K (ppm)             | 337     | <b>K (% Sat)</b>  | 4.9     |
| Mg (ppm)            | 265     | <b>Mg (% Sat)</b> | 6.3     |
| Ca (ppm)            | 3,317   | <b>Ca (% Sat)</b> | 66.9    |
| CEC                 | 17.3    |                   |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 1667    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 55      |
| K2O (LB/A)     |         |
| MGO (LB/a)     | 0       |

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|                |                   |                     |    |
|----------------|-------------------|---------------------|----|
| <b>COUNTY:</b> | <b>Clearfield</b> | <b># of Samples</b> | 28 |
|----------------|-------------------|---------------------|----|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 6.6     |                   |         |
| Acidity (meq/100 g) | 1.9     |                   |         |
| P (ppm)             | 122     |                   |         |
| K (ppm)             | 273     | <b>K (% Sat)</b>  | 5.3     |
| Mg (ppm)            | 205     | <b>Mg (% Sat)</b> | 4.2     |
| Ca (ppm)            | 1,997   | <b>Ca (% Sat)</b> | 65.4    |
| CEC                 | 13.5    |                   |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 857     |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 143     |
| K20 (LB/A)     | 149     |
| MGO (LB/a)     | 22      |

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

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 7.1     |                   |         |
| Acidity (meq/100 g) | 1.0     |                   |         |
| P (ppm)             | 230     |                   |         |
| K (ppm)             | 342     | <b>K (% Sat)</b>  | 5.6     |
| Mg (ppm)            | 309     | <b>Mg (% Sat)</b> | 16.9    |
| Ca (ppm)            | 2,592   | <b>Ca (% Sat)</b> | 72.0    |
| CEC                 | 15.9    |                   |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 375     |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 83      |
| K20 (LB/A)     |         |
| MGO (LB/a)     | 0       |

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|                |                 |                     |    |
|----------------|-----------------|---------------------|----|
| <b>COUNTY:</b> | <b>Columbia</b> | <b># of Samples</b> | 58 |
|----------------|-----------------|---------------------|----|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.2     |            |         |
| Acidity (meq/100 g) | 2.9     |            |         |
| P (ppm)             | 121     |            |         |
| K (ppm)             | 137     | K (% Sat)  | 3.5     |
| Mg (ppm)            | 138     | Mg (% Sat) | 7.0     |
| Ca (ppm)            | 1,103   | Ca (% Sat) | 54.9    |
| CEC                 | 9.8     |            |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 1802    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 100     |
| K2O (LB/A)     | 90      |
| MGO (LB/a)     | 14      |

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

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.8     |            |         |
| Acidity (meq/100 g) | 1.2     |            |         |
| P (ppm)             | 91      |            |         |
| K (ppm)             | 178     | K (% Sat)  | 3.7     |
| Mg (ppm)            | 235     | Mg (% Sat) | 3.6     |
| Ca (ppm)            | 1,765   | Ca (% Sat) | 66.7    |
| CEC                 | 11.6    |            |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 857     |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 121     |
| K2O (LB/A)     | 144     |
| MGO (LB/a)     | 12      |

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

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 7.2     |                   |         |
| Acidity (meq/100 g) | 0.8     |                   |         |
| P (ppm)             | 191     |                   |         |
| K (ppm)             | 305     | <b>K (% Sat)</b>  | 4.3     |
| Mg (ppm)            | 370     | <b>Mg (% Sat)</b> | 15.5    |
| Ca (ppm)            | 3,757   | <b>Ca (% Sat)</b> | 73.9    |
| CEC                 | 17.4    |                   |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 273     |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 115     |
| K20 (LB/A)     | 125     |
| MGO (LB/a)     | 0       |

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|                |                |                     |    |
|----------------|----------------|---------------------|----|
| <b>COUNTY:</b> | <b>Dauphin</b> | <b># of Samples</b> | 69 |
|----------------|----------------|---------------------|----|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 6.9     |                   |         |
| Acidity (meq/100 g) | 1.1     |                   |         |
| P (ppm)             | 177     |                   |         |
| K (ppm)             | 223     | <b>K (% Sat)</b>  | 4.8     |
| Mg (ppm)            | 202     | <b>Mg (% Sat)</b> | 11.5    |
| Ca (ppm)            | 1,736   | <b>Ca (% Sat)</b> | 68.6    |
| CEC                 | 11.1    |                   |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 345     |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 98      |
| K20 (LB/A)     | 99      |
| MGO (LB/a)     | 11      |

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
Commercial Vegetables

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|                |                 |                     |    |
|----------------|-----------------|---------------------|----|
| <b>COUNTY:</b> | <b>Delaware</b> | <b># of Samples</b> | 25 |
|----------------|-----------------|---------------------|----|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 6.9     |                   |         |
| Acidity (meq/100 g) | 1.5     |                   |         |
| P (ppm)             | 198     |                   |         |
| K (ppm)             | 294     | <b>K (% Sat)</b>  | 4.7     |
| Mg (ppm)            | 319     | <b>Mg (% Sat)</b> | 10.5    |
| Ca (ppm)            | 2,297   | <b>Ca (% Sat)</b> | 66.2    |
| CEC                 | 15.7    |                   |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 1100    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 118     |
| K20 (LB/A)     | 155     |
| MGO (LB/a)     | 42      |

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

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 6.5     |                   |         |
| Acidity (meq/100 g) | 2.2     |                   |         |
| P (ppm)             | 164     |                   |         |
| K (ppm)             | 170     | <b>K (% Sat)</b>  | 3.0     |
| Mg (ppm)            | 168     | <b>Mg (% Sat)</b> | 3.4     |
| Ca (ppm)            | 2,052   | <b>Ca (% Sat)</b> | 72.6    |
| CEC                 | 14.2    |                   |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 1316    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 104     |
| K20 (LB/A)     | 66      |
| MGO (LB/a)     | 39      |

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
Commercial Vegetables

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|                |             |                     |    |
|----------------|-------------|---------------------|----|
| <b>COUNTY:</b> | <b>Erie</b> | <b># of Samples</b> | 25 |
|----------------|-------------|---------------------|----|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.5     |            |         |
| Acidity (meq/100 g) | 2.7     |            |         |
| P (ppm)             | 160     |            |         |
| K (ppm)             | 147     | K (% Sat)  | 3.2     |
| Mg (ppm)            | 205     | Mg (% Sat) | 4.1     |
| Ca (ppm)            | 1,409   | Ca (% Sat) | 57.6    |
| CEC                 | 11.8    |            |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 1500    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 136     |
| K20 (LB/A)     | 113     |
| MGO (LB/a)     | 16      |

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

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.6     |            |         |
| Acidity (meq/100 g) | 2.2     |            |         |
| P (ppm)             | 105     |            |         |
| K (ppm)             | 220     | K (% Sat)  | 3.9     |
| Mg (ppm)            | 214     | Mg (% Sat) | 4.1     |
| Ca (ppm)            | 1,737   | Ca (% Sat) | 63.4    |
| CEC                 | 13.2    |            |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 1067    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 119     |
| K20 (LB/A)     | 99      |
| MGO (LB/a)     | 26      |

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
Commercial Vegetables

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|                |               |                     |   |
|----------------|---------------|---------------------|---|
| <b>COUNTY:</b> | <b>Forest</b> | <b># of Samples</b> | 4 |
|----------------|---------------|---------------------|---|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 6.5     |                   |         |
| Acidity (meq/100 g) | 2.3     |                   |         |
| P (ppm)             | 89      |                   |         |
| K (ppm)             | 219     | <b>K (% Sat)</b>  | 5.0     |
| Mg (ppm)            | 245     | <b>Mg (% Sat)</b> | 11.6    |
| Ca (ppm)            | 1,430   | <b>Ca (% Sat)</b> | 60.1    |
| CEC                 | 12.0    |                   |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 1750    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 65      |
| K20 (LB/A)     |         |
| MGO (LB/a)     | 0       |

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|                |                 |                     |   |
|----------------|-----------------|---------------------|---|
| <b>COUNTY:</b> | <b>Franklin</b> | <b># of Samples</b> | 4 |
|----------------|-----------------|---------------------|---|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 7.0     |                   |         |
| Acidity (meq/100 g) | 0.0     |                   |         |
| P (ppm)             | 613     |                   |         |
| K (ppm)             | 295     | <b>K (% Sat)</b>  | 4.4     |
| Mg (ppm)            | 434     | <b>Mg (% Sat)</b> | 13.0    |
| Ca (ppm)            | 4,792   | <b>Ca (% Sat)</b> | 76.9    |
| CEC                 | 18.5    |                   |         |

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**SOIL TEST RECOMMENDATIONS**

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

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
Commercial Vegetables

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|                |               |                     |   |
|----------------|---------------|---------------------|---|
| <b>COUNTY:</b> | <b>Fulton</b> | <b># of Samples</b> | 4 |
|----------------|---------------|---------------------|---|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.4     |            |         |
| Acidity (meq/100 g) | 2.4     |            |         |
| P (ppm)             | 76      |            |         |
| K (ppm)             | 124     | K (% Sat)  | 2.9     |
| Mg (ppm)            | 144     | Mg (% Sat) | 8.7     |
| Ca (ppm)            | 1,168   | Ca (% Sat) | 55.4    |
| CEC                 | 9.7     |            |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 1250    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 158     |
| K2O (LB/A)     | 130     |
| MGO (LB/a)     | 30      |

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|                |               |                     |   |
|----------------|---------------|---------------------|---|
| <b>COUNTY:</b> | <b>Greene</b> | <b># of Samples</b> | 4 |
|----------------|---------------|---------------------|---|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.3     |            |         |
| Acidity (meq/100 g) | 3.1     |            |         |
| P (ppm)             | 69      |            |         |
| K (ppm)             | 175     | K (% Sat)  | 2.9     |
| Mg (ppm)            | 240     | Mg (% Sat) | 13.7    |
| Ca (ppm)            | 1,850   | Ca (% Sat) | 59.0    |
| CEC                 | 14.3    |            |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 3125    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 190     |
| K2O (LB/A)     | 107     |
| MGO (LB/a)     | 0       |



**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
Commercial Vegetables

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|                |                   |                     |    |
|----------------|-------------------|---------------------|----|
| <b>COUNTY:</b> | <b>Huntingdon</b> | <b># of Samples</b> | 39 |
|----------------|-------------------|---------------------|----|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 6.2     |                   |         |
| Acidity (meq/100 g) | 3.9     |                   |         |
| P (ppm)             | 85      |                   |         |
| K (ppm)             | 175     | <b>K (% Sat)</b>  | 3.1     |
| Mg (ppm)            | 171     | <b>Mg (% Sat)</b> | 4.7     |
| Ca (ppm)            | 1,811   | <b>Ca (% Sat)</b> | 56.8    |
| CEC                 | 14.0    |                   |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 3949    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 97      |
| K2O (LB/A)     | 28      |
| MGO (LB/a)     | 49      |

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|                |                |                     |    |
|----------------|----------------|---------------------|----|
| <b>COUNTY:</b> | <b>Indiana</b> | <b># of Samples</b> | 10 |
|----------------|----------------|---------------------|----|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 6.7     |                   |         |
| Acidity (meq/100 g) | 1.9     |                   |         |
| P (ppm)             | 332     |                   |         |
| K (ppm)             | 276     | <b>K (% Sat)</b>  | 3.9     |
| Mg (ppm)            | 276     | <b>Mg (% Sat)</b> | 7.9     |
| Ca (ppm)            | 3,091   | <b>Ca (% Sat)</b> | 70.4    |
| CEC                 | 17.2    |                   |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 1700    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 225     |
| K2O (LB/A)     | 138     |
| MGO (LB/a)     | 20      |

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Commercial Vegetables**

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**COUNTY: Jefferson** **# of Samples** 15

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 6.5     |                   |         |
| Acidity (meq/100 g) | 2.3     |                   |         |
| P (ppm)             | 185     |                   |         |
| K (ppm)             | 259     | <b>K (% Sat)</b>  | 3.6     |
| Mg (ppm)            | 248     | <b>Mg (% Sat)</b> | 5.7     |
| Ca (ppm)            | 2,400   | <b>Ca (% Sat)</b> | 66.2    |
| CEC                 | 15.3    |                   |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 1433    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 202     |
| K20 (LB/A)     | 149     |
| MGO (LB/a)     | 35      |

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**COUNTY: Juniata** **# of Samples** 15

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 6.9     |                   |         |
| Acidity (meq/100 g) | 0.6     |                   |         |
| P (ppm)             | 324     |                   |         |
| K (ppm)             | 282     | <b>K (% Sat)</b>  | 5.9     |
| Mg (ppm)            | 255     | <b>Mg (% Sat)</b> | 9.2     |
| Ca (ppm)            | 2,011   | <b>Ca (% Sat)</b> | 73.3    |
| CEC                 | 13.1    |                   |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 533     |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 70      |
| K20 (LB/A)     | 20      |
| MGO (LB/a)     | 20      |

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
Commercial Vegetables

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COUNTY: **LACKAWANNA** # of Samples 64

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.6     |            |         |
| Acidity (meq/100 g) | 1.8     |            |         |
| P (ppm)             | 137     |            |         |
| K (ppm)             | 180     | K (% Sat)  | 4.1     |
| Mg (ppm)            | 134     | Mg (% Sat) | 5.8     |
| Ca (ppm)            | 1,336   | Ca (% Sat) | 65.9    |
| CEC                 | 9.7     |            |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 1820    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 93      |
| K20 (LB/A)     | 129     |
| MGO (LB/a)     | 23      |

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COUNTY: **Lancaster** # of Samples 29

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.8     |            |         |
| Acidity (meq/100 g) | 1.3     |            |         |
| P (ppm)             | 237     |            |         |
| K (ppm)             | 289     | K (% Sat)  | 5.5     |
| Mg (ppm)            | 238     | Mg (% Sat) | 6.1     |
| Ca (ppm)            | 2,022   | Ca (% Sat) | 67.4    |
| CEC                 | 12.9    |            |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 948     |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 132     |
| K20 (LB/A)     | 130     |
| MGO (LB/a)     | 27      |

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Commercial Vegetables**

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

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 7.2     |                   |         |
| Acidity (meq/100 g) | 0.3     |                   |         |
| P (ppm)             | 271     |                   |         |
| K (ppm)             | 369     | <b>K (% Sat)</b>  | 6.1     |
| Mg (ppm)            | 246     | <b>Mg (% Sat)</b> | 7.7     |
| Ca (ppm)            | 3,435   | <b>Ca (% Sat)</b> | 80.2    |
| CEC                 | 16.6    |                   |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 0       |
| N (lb/A)       |         |
| P2O5 (LB/A)    |         |
| K2O (LB/A)     | 70      |
| MGO (LB/a)     | 8       |

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**COUNTY: Lebanon** **# of Samples** 6

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 6.0     |                   |         |
| Acidity (meq/100 g) | 4.5     |                   |         |
| P (ppm)             | 165     |                   |         |
| K (ppm)             | 183     | <b>K (% Sat)</b>  | 3.5     |
| Mg (ppm)            | 190     | <b>Mg (% Sat)</b> | 4.1     |
| Ca (ppm)            | 1,556   | <b>Ca (% Sat)</b> | 50.2    |
| CEC                 | 14.0    |                   |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 3500    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 172     |
| K2O (LB/A)     | 105     |
| MGO (LB/a)     | 25      |

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Commercial Vegetables**

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**COUNTY: Lehigh** **# of Samples** 31

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.7     |            |         |
| Acidity (meq/100 g) | 1.7     |            |         |
| P (ppm)             | 187     |            |         |
| K (ppm)             | 158     | K (% Sat)  | 3.2     |
| Mg (ppm)            | 293     | Mg (% Sat) | 9.3     |
| Ca (ppm)            | 2,030   | Ca (% Sat) | 63.5    |
| CEC                 | 13.3    |            |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 1387    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 127     |
| K20 (LB/A)     | 153     |
| MGO (LB/a)     | 0       |

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**COUNTY: Luzerne** **# of Samples** 36

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.5     |            |         |
| Acidity (meq/100 g) | 2.1     |            |         |
| P (ppm)             | 197     |            |         |
| K (ppm)             | 206     | K (% Sat)  | 4.5     |
| Mg (ppm)            | 187     | Mg (% Sat) | 5.0     |
| Ca (ppm)            | 1,591   | Ca (% Sat) | 62.5    |
| CEC                 | 11.5    |            |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 1597    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 130     |
| K20 (LB/A)     | 114     |
| MGO (LB/a)     | 50      |

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
Commercial Vegetables

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|                |                 |                     |    |
|----------------|-----------------|---------------------|----|
| <b>COUNTY:</b> | <b>Lycoming</b> | <b># of Samples</b> | 13 |
|----------------|-----------------|---------------------|----|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.8     |            |         |
| Acidity (meq/100 g) | 1.5     |            |         |
| P (ppm)             | 174     |            |         |
| K (ppm)             | 220     | K (% Sat)  | 4.9     |
| Mg (ppm)            | 204     | Mg (% Sat) | 10.7    |
| Ca (ppm)            | 2,002   | Ca (% Sat) | 68.2    |
| CEC                 | 12.2    |            |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 615     |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 100     |
| K2O (LB/A)     | 60      |
| MGO (LB/a)     | 38      |

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|                |               |                     |   |
|----------------|---------------|---------------------|---|
| <b>COUNTY:</b> | <b>McKean</b> | <b># of Samples</b> | 4 |
|----------------|---------------|---------------------|---|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.0     |            |         |
| Acidity (meq/100 g) | 3.5     |            |         |
| P (ppm)             | 44      |            |         |
| K (ppm)             | 168     | K (% Sat)  | 2.9     |
| Mg (ppm)            | 281     | Mg (% Sat) | 9.8     |
| Ca (ppm)            | 1,695   | Ca (% Sat) | 55.2    |
| CEC                 | 14.8    |            |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 1900    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 135     |
| K2O (LB/A)     | 15      |
| MGO (LB/a)     | 0       |

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
Commercial Vegetables

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|                |               |                     |    |
|----------------|---------------|---------------------|----|
| <b>COUNTY:</b> | <b>Mercer</b> | <b># of Samples</b> | 13 |
|----------------|---------------|---------------------|----|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.5     |            |         |
| Acidity (meq/100 g) | 2.4     |            |         |
| P (ppm)             | 105     |            |         |
| K (ppm)             | 187     | K (% Sat)  | 3.8     |
| Mg (ppm)            | 137     | Mg (% Sat) | 12.4    |
| Ca (ppm)            | 1,773   | Ca (% Sat) | 63.7    |
| CEC                 | 12.0    |            |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 2154    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 98      |
| K20 (LB/A)     | 109     |
| MGO (LB/a)     | 53      |

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

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 7.6     |            |         |
| Acidity (meq/100 g) | 0.0     |            |         |
| P (ppm)             | 192     |            |         |
| K (ppm)             | 501     | K (% Sat)  | 9.0     |
| Mg (ppm)            | 475     | Mg (% Sat) | 30.5    |
| Ca (ppm)            | 8,094   | Ca (% Sat) | 72.3    |
| CEC                 | 16.0    |            |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 0       |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 65      |
| K20 (LB/A)     |         |
| MGO (LB/a)     | 60      |

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
Commercial Vegetables

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|                |               |                     |    |
|----------------|---------------|---------------------|----|
| <b>COUNTY:</b> | <b>Monroe</b> | <b># of Samples</b> | 12 |
|----------------|---------------|---------------------|----|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 6.9     |                   |         |
| Acidity (meq/100 g) | 1.1     |                   |         |
| P (ppm)             | 545     |                   |         |
| K (ppm)             | 224     | <b>K (% Sat)</b>  | 3.4     |
| Mg (ppm)            | 259     | <b>Mg (% Sat)</b> | 13.3    |
| Ca (ppm)            | 2,594   | <b>Ca (% Sat)</b> | 75.6    |
| CEC                 | 15.6    |                   |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 1000    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 120     |
| K20 (LB/A)     | 126     |
| MGO (LB/a)     | 42      |

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|                |                   |                     |    |
|----------------|-------------------|---------------------|----|
| <b>COUNTY:</b> | <b>Montgomery</b> | <b># of Samples</b> | 71 |
|----------------|-------------------|---------------------|----|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 6.7     |                   |         |
| Acidity (meq/100 g) | 1.5     |                   |         |
| P (ppm)             | 163     |                   |         |
| K (ppm)             | 193     | <b>K (% Sat)</b>  | 3.8     |
| Mg (ppm)            | 259     | <b>Mg (% Sat)</b> | 10.5    |
| Ca (ppm)            | 1,898   | <b>Ca (% Sat)</b> | 66.4    |
| CEC                 | 13.1    |                   |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 690     |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 171     |
| K20 (LB/A)     | 153     |
| MGO (LB/a)     | 16      |



**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Commercial Vegetables**

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**COUNTY: Montour** **# of Samples** 5

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 6.3     |                   |         |
| Acidity (meq/100 g) | 3.6     |                   |         |
| P (ppm)             | 373     |                   |         |
| K (ppm)             | 352     | <b>K (% Sat)</b>  | 5.0     |
| Mg (ppm)            | 207     | <b>Mg (% Sat)</b> | 4.1     |
| Ca (ppm)            | 2,509   | <b>Ca (% Sat)</b> | 59.0    |
| CEC                 | 16.5    |                   |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 2000    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 208     |
| K2O (LB/A)     | 200     |
| MGO (LB/a)     | 37      |

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**COUNTY: Northampton** **# of Samples** 31

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 6.8     |                   |         |
| Acidity (meq/100 g) | 1.6     |                   |         |
| P (ppm)             | 121     |                   |         |
| K (ppm)             | 190     | <b>K (% Sat)</b>  | 4.1     |
| Mg (ppm)            | 229     | <b>Mg (% Sat)</b> | 9.6     |
| Ca (ppm)            | 1,762   | <b>Ca (% Sat)</b> | 65.7    |
| CEC                 | 12.4    |                   |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 1019    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 122     |
| K2O (LB/A)     | 125     |
| MGO (LB/a)     | 11      |

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
Commercial Vegetables

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

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 6.6     |                   |         |
| Acidity (meq/100 g) | 1.9     |                   |         |
| P (ppm)             | 180     |                   |         |
| K (ppm)             | 217     | <b>K (% Sat)</b>  | 5.2     |
| Mg (ppm)            | 181     | <b>Mg (% Sat)</b> | 5.8     |
| Ca (ppm)            | 1,550   | <b>Ca (% Sat)</b> | 64.6    |
| CEC                 | 11.2    |                   |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 1091    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 263     |
| K2O (LB/A)     | 205     |
| MGO (LB/a)     | 44      |

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|                |              |                     |    |
|----------------|--------------|---------------------|----|
| <b>COUNTY:</b> | <b>Perry</b> | <b># of Samples</b> | 21 |
|----------------|--------------|---------------------|----|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 6.5     |                   |         |
| Acidity (meq/100 g) | 2.2     |                   |         |
| P (ppm)             | 231     |                   |         |
| K (ppm)             | 542     | <b>K (% Sat)</b>  | 6.7     |
| Mg (ppm)            | 209     | <b>Mg (% Sat)</b> | 6.2     |
| Ca (ppm)            | 1,818   | <b>Ca (% Sat)</b> | 61.9    |
| CEC                 | 13.3    |                   |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 1548    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 113     |
| K2O (LB/A)     | 54      |
| MGO (LB/a)     | 25      |

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
Commercial Vegetables

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|                |                     |                     |    |
|----------------|---------------------|---------------------|----|
| <b>COUNTY:</b> | <b>Philadelphia</b> | <b># of Samples</b> | 21 |
|----------------|---------------------|---------------------|----|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 7.1     |                   |         |
| Acidity (meq/100 g) | 0.5     |                   |         |
| P (ppm)             | 230     |                   |         |
| K (ppm)             | 300     | <b>K (% Sat)</b>  | 4.3     |
| Mg (ppm)            | 344     | <b>Mg (% Sat)</b> | 15.3    |
| Ca (ppm)            | 2,598   | <b>Ca (% Sat)</b> | 73.1    |
| CEC                 | 15.8    |                   |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 238     |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 160     |
| K20 (LB/A)     | 191     |
| MGO (LB/a)     | 0       |

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

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 6.3     |                   |         |
| Acidity (meq/100 g) | 3.2     |                   |         |
| P (ppm)             | 154     |                   |         |
| K (ppm)             | 118     | <b>K (% Sat)</b>  | 2.8     |
| Mg (ppm)            | 182     | <b>Mg (% Sat)</b> | 2.1     |
| Ca (ppm)            | 1,095   | <b>Ca (% Sat)</b> | 48.6    |
| CEC                 | 10.5    |                   |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 1571    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 70      |
| K20 (LB/A)     | 81      |
| MGO (LB/a)     | 27      |

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
 Commercial Vegetables

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**COUNTY: Potter** **# of Samples** 18

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 6.2     |                   |         |
| Acidity (meq/100 g) | 4.2     |                   |         |
| P (ppm)             | 65      |                   |         |
| K (ppm)             | 110     | <b>K (% Sat)</b>  | 2.1     |
| Mg (ppm)            | 220     | <b>Mg (% Sat)</b> | 11.4    |
| Ca (ppm)            | 1,400   | <b>Ca (% Sat)</b> | 50.3    |
| CEC                 | 13.2    |                   |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 3028    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 79      |
| K20 (LB/A)     | 45      |
| MGO (LB/a)     | 8       |

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**COUNTY: Schuylkill** **# of Samples** 15

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 6.4     |                   |         |
| Acidity (meq/100 g) | 3.5     |                   |         |
| P (ppm)             | 280     |                   |         |
| K (ppm)             | 361     | <b>K (% Sat)</b>  | 5.0     |
| Mg (ppm)            | 240     | <b>Mg (% Sat)</b> | 4.3     |
| Ca (ppm)            | 1,845   | <b>Ca (% Sat)</b> | 54.2    |
| CEC                 | 14.8    |                   |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 3200    |
| N (lb/A)       |         |
| P2O5 (LB/A)    |         |
| K20 (LB/A)     | 115     |
| MGO (LB/a)     | 9       |

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
Commercial Vegetables

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

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 6.8     |                   |         |
| Acidity (meq/100 g) | 0.8     |                   |         |
| P (ppm)             | 173     |                   |         |
| K (ppm)             | 249     | <b>K (% Sat)</b>  | 4.7     |
| Mg (ppm)            | 151     | <b>Mg (% Sat)</b> | 7.2     |
| Ca (ppm)            | 1,784   | <b>Ca (% Sat)</b> | 76.4    |
| CEC                 | 11.2    |                   |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 545     |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 100     |
| K2O (LB/A)     | 86      |
| MGO (LB/a)     | 19      |

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|                |                 |                     |    |
|----------------|-----------------|---------------------|----|
| <b>COUNTY:</b> | <b>Somerset</b> | <b># of Samples</b> | 13 |
|----------------|-----------------|---------------------|----|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 6.3     |                   |         |
| Acidity (meq/100 g) | 3.3     |                   |         |
| P (ppm)             | 130     |                   |         |
| K (ppm)             | 320     | <b>K (% Sat)</b>  | 6.1     |
| Mg (ppm)            | 200     | <b>Mg (% Sat)</b> | 2.6     |
| Ca (ppm)            | 1,812   | <b>Ca (% Sat)</b> | 58.2    |
| CEC                 | 13.4    |                   |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 2308    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 66      |
| K2O (LB/A)     | 95      |
| MGO (LB/a)     | 9       |

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
Commercial Vegetables

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

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 7.3     |            |         |
| Acidity (meq/100 g) | 0.7     |            |         |
| P (ppm)             | 91      |            |         |
| K (ppm)             | 185     | K (% Sat)  | 3.2     |
| Mg (ppm)            | 342     | Mg (% Sat) | 18.8    |
| Ca (ppm)            | 2,090   | Ca (% Sat) | 68.6    |
| CEC                 | 14.1    |            |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 0       |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 225     |
| K2O (LB/A)     | 215     |
| MGO (LB/a)     | 0       |

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

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.7     |            |         |
| Acidity (meq/100 g) | 1.9     |            |         |
| P (ppm)             | 174     |            |         |
| K (ppm)             | 153     | K (% Sat)  | 3.1     |
| Mg (ppm)            | 193     | Mg (% Sat) | 18.0    |
| Ca (ppm)            | 2,234   | Ca (% Sat) | 67.0    |
| CEC                 | 12.5    |            |         |

**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 1053    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 170     |
| K2O (LB/A)     | 152     |
| MGO (LB/a)     | 9       |

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
Commercial Vegetables

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|                |              |                     |    |
|----------------|--------------|---------------------|----|
| <b>COUNTY:</b> | <b>Tioga</b> | <b># of Samples</b> | 17 |
|----------------|--------------|---------------------|----|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 6.5     |                   |         |
| Acidity (meq/100 g) | 2.7     |                   |         |
| P (ppm)             | 155     |                   |         |
| K (ppm)             | 328     | <b>K (% Sat)</b>  | 5.0     |
| Mg (ppm)            | 294     | <b>Mg (% Sat)</b> | 10.6    |
| Ca (ppm)            | 1,959   | <b>Ca (% Sat)</b> | 60.5    |
| CEC                 | 15.5    |                   |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 1706    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 75      |
| K2O (LB/A)     | 46      |
| MGO (LB/a)     | 0       |

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|                |              |                     |   |
|----------------|--------------|---------------------|---|
| <b>COUNTY:</b> | <b>Union</b> | <b># of Samples</b> | 6 |
|----------------|--------------|---------------------|---|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 6.8     |                   |         |
| Acidity (meq/100 g) | 1.8     |                   |         |
| P (ppm)             | 172     |                   |         |
| K (ppm)             | 138     | <b>K (% Sat)</b>  | 3.2     |
| Mg (ppm)            | 158     | <b>Mg (% Sat)</b> | 7.7     |
| Ca (ppm)            | 1,456   | <b>Ca (% Sat)</b> | 65.3    |
| CEC                 | 10.8    |                   |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 1083    |
| N (lb/A)       |         |
| P2O5 (LB/A)    |         |
| K2O (LB/A)     | 132     |
| MGO (LB/a)     | 22      |

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
Commercial Vegetables

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|                |                |                     |   |
|----------------|----------------|---------------------|---|
| <b>COUNTY:</b> | <b>Venango</b> | <b># of Samples</b> | 4 |
|----------------|----------------|---------------------|---|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.5     |            |         |
| Acidity (meq/100 g) | 1.8     |            |         |
| P (ppm)             | 57      |            |         |
| K (ppm)             | 170     | K (% Sat)  | 3.6     |
| Mg (ppm)            | 228     | Mg (% Sat) | 4.3     |
| Ca (ppm)            | 1,686   | Ca (% Sat) | 60.8    |
| CEC                 | 12.5    |            |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 1000    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 77      |
| K2O (LB/A)     | 30      |
| MGO (LB/a)     | 60      |

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

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 5.9     |            |         |
| Acidity (meq/100 g) | 4.1     |            |         |
| P (ppm)             | 254     |            |         |
| K (ppm)             | 235     | K (% Sat)  | 5.0     |
| Mg (ppm)            | 174     | Mg (% Sat) | 11.4    |
| Ca (ppm)            | 1,271   | Ca (% Sat) | 47.4    |
| CEC                 | 12.1    |            |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 2727    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 200     |
| K2O (LB/A)     | 0       |
| MGO (LB/a)     | 12      |



**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
Commercial Vegetables

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

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.7     |            |         |
| Acidity (meq/100 g) | 1.7     |            |         |
| P (ppm)             | 128     |            |         |
| K (ppm)             | 224     | K (% Sat)  | 3.7     |
| Mg (ppm)            | 262     | Mg (% Sat) | 9.3     |
| Ca (ppm)            | 2,293   | Ca (% Sat) | 69.7    |
| CEC                 | 15.2    |            |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 1167    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 84      |
| K2O (LB/A)     | 90      |
| MGO (LB/a)     | 9       |

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|                |              |                     |    |
|----------------|--------------|---------------------|----|
| <b>COUNTY:</b> | <b>Wayne</b> | <b># of Samples</b> | 12 |
|----------------|--------------|---------------------|----|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT     | AVERAGE |
|---------------------|---------|------------|---------|
| pH                  | 6.3     |            |         |
| Acidity (meq/100 g) | 3.1     |            |         |
| P (ppm)             | 315     |            |         |
| K (ppm)             | 151     | K (% Sat)  | 3.0     |
| Mg (ppm)            | 194     | Mg (% Sat) | 6.4     |
| Ca (ppm)            | 1,878   | Ca (% Sat) | 57.5    |
| CEC                 | 13.3    |            |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 2708    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 215     |
| K2O (LB/A)     | 178     |
| MGO (LB/a)     | 36      |

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
Commercial Vegetables

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|                |                     |                     |    |
|----------------|---------------------|---------------------|----|
| <b>COUNTY:</b> | <b>Westmoreland</b> | <b># of Samples</b> | 36 |
|----------------|---------------------|---------------------|----|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 6.6     |                   |         |
| Acidity (meq/100 g) | 2.2     |                   |         |
| P (ppm)             | 184     |                   |         |
| K (ppm)             | 221     | <b>K (% Sat)</b>  | 4.0     |
| Mg (ppm)            | 215     | <b>Mg (% Sat)</b> | 5.0     |
| Ca (ppm)            | 2,135   | <b>Ca (% Sat)</b> | 66.5    |
| CEC                 | 14.1    |                   |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 1611    |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 95      |
| K20 (LB/A)     | 63      |
| MGO (LB/a)     | 6       |

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|                |                |                     |    |
|----------------|----------------|---------------------|----|
| <b>COUNTY:</b> | <b>Wyoming</b> | <b># of Samples</b> | 24 |
|----------------|----------------|---------------------|----|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 6.7     |                   |         |
| Acidity (meq/100 g) | 1.7     |                   |         |
| P (ppm)             | 151     |                   |         |
| K (ppm)             | 163     | <b>K (% Sat)</b>  | 4.5     |
| Mg (ppm)            | 158     | <b>Mg (% Sat)</b> | 3.2     |
| Ca (ppm)            | 1,183   | <b>Ca (% Sat)</b> | 65.2    |
| CEC                 | 9.4     |                   |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 813     |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 117     |
| K20 (LB/A)     | 113     |
| MGO (LB/a)     | 19      |

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
Commercial Vegetables

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|                |             |                     |    |
|----------------|-------------|---------------------|----|
| <b>COUNTY:</b> | <b>York</b> | <b># of Samples</b> | 30 |
|----------------|-------------|---------------------|----|

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**SOIL TEST RESULTS**

| RESULT              | AVERAGE | RESULT            | AVERAGE |
|---------------------|---------|-------------------|---------|
| pH                  | 6.5     |                   |         |
| Acidity (meq/100 g) | 1.9     |                   |         |
| P (ppm)             | 110     |                   |         |
| K (ppm)             | 171     | <b>K (% Sat)</b>  | 4.1     |
| Mg (ppm)            | 203     | <b>Mg (% Sat)</b> | 6.0     |
| Ca (ppm)            | 1,336   | <b>Ca (% Sat)</b> | 60.2    |
| CEC                 | 10.5    |                   |         |

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**SOIL TEST RECOMMENDATIONS**

| RECOMMENDATION | AVERAGE |
|----------------|---------|
| LIME (lb/A)    | 683     |
| N (lb/A)       |         |
| P2O5 (LB/A)    | 126     |
| K2O (LB/A)     | 107     |
| MGO (LB/a)     | 12      |