

**Pennsylvania Department of Agriculture  
Bureau of Plant Industry  
Fertilizer Laboratory Tests**

Date Range: 7/1/2018 to 6/30/2019

**Agricultural Commodities, Inc. - 1585 Granite Station Rd Gettysburg PA 17325-8299 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
| E201800304                      | TCV                   | 100.00 %          | 95.94 %      | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>1</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>6</b>       |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>16.67 %</b> |

**Agronomy Inc - 28 Fry Street PO Box 210 Mercersburg PA 17236 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
| E201800346                      | P2O5                  | 19.00 %           | 16.87 %      | F              |
| E201800347                      | N                     | 10.00 %           | 7.75 %       | F              |
|                                 | P2O5                  | 10.00 %           | 8.80 %       | F              |
|                                 | TCV                   | 100.00 %          | 88.33 %      | F              |
| E201800348                      | K2O                   | 20.00 %           | 17.05 %      | F              |
|                                 | TCV                   | 100.00 %          | 88.22 %      | F              |
| E201800349                      | N                     | 16.00 %           | 11.46 %      | F              |
|                                 | P2O5                  | 8.00 %            | 6.86 %       | F              |
|                                 | TCV                   | 100.00 %          | 85.64 %      | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>4</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>5</b>       |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>80.00 %</b> |

**Albright's Mill, LLC - 9927 Kistler Valley Road Kempton PA 19529 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|---------------------------------|-----------------------|-------------------|--------------|---------------|
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>0</b>      |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>5</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>0.00 %</b> |

**Andre & Son, Inc. - 17150 St Rt 706 Montrose PA 18801-9771 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
| E201800027                      | P2O5                  | 6.00 %            | 5.01 %       | F              |
| E201800429                      | TCV                   | 100.00 %          | 93.58 %      | F              |
| E201800430                      | K2O                   | 3.00 %            | 2.42 %       | F              |
|                                 | TCV                   | 100.00 %          | 96.48 %      | F              |
| E201800564                      | P2O5                  | 6.00 %            | 4.68 %       | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>4</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>15</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>26.67 %</b> |

**Anuvia Florida, LLC - 6751 W Jones Ave Zellwood FL 32798 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|---------------------------------|-----------------------|-------------------|--------------|---------------|
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>0</b>      |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>1</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>0.00 %</b> |

**Aurora Innovations - PO Box 22041 Eugene OR 97402 US**

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| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|---------------------------------|-----------------------|-------------------|--------------|---------------|
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>0</b>      |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>2</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>0.00 %</b> |

**Ball DPF, LLC - 307 E Mulberry St Sherman TX 75090-5905 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|---------------------------------|-----------------------|-------------------|--------------|---------------|
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>0</b>      |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>1</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>0.00 %</b> |

**Bedford Farm Bureau Co-op Somerset - 141 Maurice Ln Rockwood PA 15557-7855 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
| E201800482                      | Zn                    | 0.27 %            | 0.17 %       | F              |
| E201800487                      | TCV                   | 100.00 %          | 95.75 %      | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>2</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>7</b>       |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>28.57 %</b> |

**Bedford Farm Bureau Coop Assn - 102 Industrial Ave Bedford PA 15522 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
| E201800557                      | P2O5                  | 15.00 %           | 12.84 %      | F              |
|                                 | K2O                   | 15.00 %           | 12.97 %      | F              |
|                                 | TCV                   | 100.00 %          | 94.67 %      | F              |
| E201800558                      | K2O                   | 20.00 %           | 17.35 %      | F              |
| E201800559                      | K2O                   | 28.00 %           | 23.11 %      | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>3</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>5</b>       |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>60.00 %</b> |

**Bonide Products Inc. - 6301 Sutliff Rd Oriskany NY 13424-4341 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|---------------------------------|-----------------------|-------------------|--------------|---------------|
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>0</b>      |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>4</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>0.00 %</b> |

**Campbell Crops - 380 N Pine St Elizabethville PA 17023-9352 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|---------------------------------|-----------------------|-------------------|--------------|---------------|
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>0</b>      |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>1</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>0.00 %</b> |

**Centerra Co-op - 225 E Main St Andover OH 44003-9480 US**

| <u>Sample ID</u> | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|------------------|-----------------------|-------------------|--------------|---------------|
| E201800095       | TCV                   | 100.00 %          | 95.74 %      | F             |
| E201800426       | N                     | 10.00 %           | 8.64 %       | F             |

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**Centerra Co-op - 225 E Main St Andover OH 44003-9480 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
| E201800531                      | N                     | 10.00 %           | 7.45 %       | F              |
| E201800535                      | N                     | 10.00 %           | 8.19 %       | F              |
|                                 | P2O5                  | 10.00 %           | 8.36 %       | F              |
|                                 | TCV                   | 100.00 %          | 87.82 %      | F              |
| E201800536                      | P2O5                  | 15.00 %           | 12.94 %      | F              |
|                                 | TCV                   | 100.00 %          | 92.71 %      | F              |
| E201800543                      | K2O                   | 15.00 %           | 12.61 %      | F              |
| E201800553                      | TCV                   | 100.00 %          | 90.85 %      | F              |
|                                 | P2O5                  | 24.00 %           | 20.96 %      | F              |
|                                 | N                     | 6.00 %            | 5.29 %       | F              |
| E201800555                      | K2O                   | 15.00 %           | 13.26 %      | F              |
| E201800587                      | TCV                   | 100.00 %          | 96.53 %      | F              |
| E201800588                      | P2O5                  | 25.00 %           | 22.58 %      | F              |
| E201800657                      | TCV                   | 100.00 %          | 95.37 %      | F              |
| E201800659                      | K2O                   | 19.00 %           | 16.42 %      | F              |
| E201800660                      | N                     | 10.00 %           | 6.70 %       | F              |
|                                 | P2O5                  | 10.00 %           | 7.92 %       | F              |
|                                 | TCV                   | 100.00 %          | 81.44 %      | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>13</b>      |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>54</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>24.07 %</b> |

**Central Garden & Pet, Garden Division - 1000 Parkwood Cir Se Ste 700 C/O Registrations by Design Atlanta GA 30339-6627 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
| E201800033                      | TCV                   | 100.00 %          | 94.02 %      | F              |
| E201800234                      | TCV                   | 100.00 %          | 96.58 %      | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>2</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>9</b>       |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>22.22 %</b> |

**Chemgro Fertilizer Co., Inc. - 1550 State St East Petersburg PA 17520-1318 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
| E201800164                      | K2O                   | 8.00 %            | 6.41 %       | F              |
| E201800500                      | P2O5                  | 6.00 %            | 4.27 %       | F              |
|                                 | TCV                   | 100.00 %          | 94.26 %      | F              |
| E201800502                      | TCV                   | 100.00 %          | 96.67 %      | F              |
|                                 | K2O                   | 30.00 %           | 26.57 %      | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>3</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>10</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>30.00 %</b> |

**Compass Minerals Wynyard Inc. - 9900 W 109Th St Ste 100 Overland Park KS 66210-1441 US**

| <u>Sample ID</u> | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|------------------|-----------------------|-------------------|--------------|---------------|
|------------------|-----------------------|-------------------|--------------|---------------|

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Date Range: 7/1/2018 to 6/30/2019

Total Samples Failed: 0  
Total Samples Submitted: 2  
Deficiency Rate: 0.00 %

**Cornell Brothers, Inc. - 84 Milk Plant Rd PO Box 101 Middlebury Center PA 16935 US**

| <u>Sample ID</u> | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>              |
|------------------|-----------------------|-------------------|--------------|----------------------------|
|                  |                       |                   |              | Total Samples Failed: 0    |
|                  |                       |                   |              | Total Samples Submitted: 1 |
|                  |                       |                   |              | Deficiency Rate: 0.00 %    |

**Curwensville Feed Store, Inc. - 224 Filbert Street Curwensville PA 16833 US**

| <u>Sample ID</u> | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>              |
|------------------|-----------------------|-------------------|--------------|----------------------------|
|                  |                       |                   |              | Total Samples Failed: 0    |
|                  |                       |                   |              | Total Samples Submitted: 1 |
|                  |                       |                   |              | Deficiency Rate: 0.00 %    |

**Darling Ingredients, Inc. dba Griffin Industries, - 4221 Alexandria Pike Cold Spring KY 41076 US**

| <u>Sample ID</u> | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>              |
|------------------|-----------------------|-------------------|--------------|----------------------------|
|                  |                       |                   |              | Total Samples Failed: 0    |
|                  |                       |                   |              | Total Samples Submitted: 1 |
|                  |                       |                   |              | Deficiency Rate: 0.00 %    |

**Dayton Farm Supply - 118 Agway Ln Dayton PA 16222-4702 US**

| <u>Sample ID</u> | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>              |
|------------------|-----------------------|-------------------|--------------|----------------------------|
|                  |                       |                   |              | Total Samples Failed: 0    |
|                  |                       |                   |              | Total Samples Submitted: 2 |
|                  |                       |                   |              | Deficiency Rate: 0.00 %    |

**Delcarm, LLC - 2095 Gap Newport Pike Cochranville PA 19330-1126 US**

| <u>Sample ID</u> | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>              |
|------------------|-----------------------|-------------------|--------------|----------------------------|
|                  |                       |                   |              | Total Samples Failed: 0    |
|                  |                       |                   |              | Total Samples Submitted: 1 |
|                  |                       |                   |              | Deficiency Rate: 0.00 %    |

**Down To Earth Distributors, Inc. - Po Box 1419 Eugene OR 97440-1419 US**

| <u>Sample ID</u> | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>              |
|------------------|-----------------------|-------------------|--------------|----------------------------|
| E201800272       | K2O                   | 2.50 %            | 1.64 %       | F                          |
|                  | TCV                   | 100.00 %          | 85.11 %      | F                          |
| E201800278       | Mg                    | 2.70 %            | 2.20 %       | F                          |
| E201800280       | Ca                    | 35.00 %           | 25.22 %      | F                          |
|                  |                       |                   |              | Total Samples Failed: 3    |
|                  |                       |                   |              | Total Samples Submitted: 8 |
|                  |                       |                   |              | Deficiency Rate: 37.50 %   |

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**Dr Earth, Inc. - Po Box 460 Winters CA 95694-0460 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
| E201800218                      | P2O5                  | 2.00 %            | 1.46 %       | F              |
| E201800363                      | Ca                    | 7.50 %            | 5.51 %       | F              |
| E201800365                      | P2O5                  | 1.00 %            | 0.69 %       | F              |
| E201800390                      | P2O5                  | 2.00 %            | 1.31 %       | F              |
| E201800391                      | P2O5                  | 2.00 %            | 1.32 %       | F              |
| E201800393                      | P2O5                  | 2.00 %            | 1.41 %       | F              |
|                                 | TCV                   | 100.00 %          | 96.38 %      | F              |
| E201800398                      | P2O5                  | 2.00 %            | 1.18 %       | F              |
| E201800399                      | P2O5                  | 2.00 %            | 1.45 %       | F              |
| E201800406                      | N                     | 10.00 %           | 7.66 %       | F              |
| E201800494                      | P2O5                  | 2.00 %            | 1.45 %       | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>10</b>      |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>29</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>34.48 %</b> |

**Earthworks Nat Organic Stds - 30 Morgan Hill Rd Easton PA 18042-6930 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|---------------------------------|-----------------------|-------------------|--------------|---------------|
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>0</b>      |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>2</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>0.00 %</b> |

**Easy Gardener, Inc. - Po Box 21025 Waco TX 76702-1025 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|---------------------------------|-----------------------|-------------------|--------------|---------------|
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>0</b>      |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>9</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>0.00 %</b> |

**Encap, LLC - 3921 Algoma Rd Green Bay WI 54311-9106 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|---------------------------------|-----------------------|-------------------|--------------|---------------|
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>0</b>      |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>1</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>0.00 %</b> |

**Envirokure, Inc - 5222 Comly St Philadelphia PA 19135-4315 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
| E201800331                      | TCV                   | 100.00 %          | 88.60 %      | F              |
|                                 | N                     | 3.00 %            | 2.08 %       | F              |
| E201800332                      | TCV                   | 100.00 %          | 73.09 %      | F              |
|                                 | N                     | 3.00 %            | 1.97 %       | F              |
|                                 | P2O5                  | 2.00 %            | 0.87 %       | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>2</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>3</b>       |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>66.67 %</b> |

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**Ferti Technologies - 560 Rheume P.O. BOX 129 St Michel QC J0L 2J0 CA**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>   |
|---------------------------------|-----------------------|-------------------|--------------|-----------------|
| E201800016                      | TCV                   | 100.00 %          | 86.39 %      | F               |
|                                 | N                     | 24.00 %           | 20.06 %      | F               |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>1</b>        |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>1</b>        |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>100.00 %</b> |

**Fisher & Son Company, Inc. - 110 Summit Dr Exton PA 19341-2838 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
| E201800153                      | Fe                    | 2.00 %            | 0.31 %       | F              |
| E201800155                      | K2O                   | 5.00 %            | 3.98 %       | F              |
| E201800156                      | K2O                   | 5.00 %            | 4.30 %       | F              |
|                                 | TCV                   | 100.00 %          | 96.07 %      | F              |
| E201800679                      | K2O                   | 10.00 %           | 7.89 %       | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>4</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>7</b>       |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>57.14 %</b> |

**FoxFarm Soil & Fertilizer Co. - Po Box 787 Arcata CA 95518-0787 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|---------------------------------|-----------------------|-------------------|--------------|---------------|
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>0</b>      |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>2</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>0.00 %</b> |

**Franklin H Kreider, LLC - 2400 Dairy Rd Lancaster PA 17601-2310 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|---------------------------------|-----------------------|-------------------|--------------|---------------|
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>0</b>      |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>7</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>0.00 %</b> |

**Garden Soil Supply, LLC dba HyR BRIX Fertilizer - 12755 E St Rt 37 Sunbury OH 43074 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>   |
|---------------------------------|-----------------------|-------------------|--------------|-----------------|
| E201800208                      | Ca                    | 9.75 %            | 6.93 %       | F               |
|                                 | Zn                    | 0.17 %            | 0.13 %       | F               |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>1</b>        |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>1</b>        |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>100.00 %</b> |

**General Hydroponics, Inc. - Po Box 1576 Sebastopol CA 95473-1576 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|---------------------------------|-----------------------|-------------------|--------------|---------------|
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>0</b>      |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>2</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>0.00 %</b> |

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**Gro Tec, Inc. - Po Box 290 Madison GA 30650-0290 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
| E201800060                      | N                     | 12.00 %           | 9.98 %       | F              |
|                                 | P2O5                  | 5.00 %            | 3.79 %       | F              |
|                                 | TCV                   | 100.00 %          | 83.39 %      | F              |
| E201800088                      | N                     | 12.00 %           | 10.48 %      | F              |
|                                 | P2O5                  | 5.00 %            | 4.22 %       | F              |
|                                 | TCV                   | 100.00 %          | 87.58 %      | F              |
| E201800144                      | P2O5                  | 8.00 %            | 6.24 %       | F              |
|                                 | K2O                   | 16.00 %           | 7.31 %       | F              |
| E201800209                      | K2O                   | 16.00 %           | 13.01 %      | F              |
| E201800210                      | N                     | 12.00 %           | 9.83 %       | F              |
|                                 | P2O5                  | 10.00 %           | 8.05 %       | F              |
|                                 | TCV                   | 100.00 %          | 84.25 %      | F              |
| E201800381                      | TCV                   | 100.00 %          | 96.25 %      | F              |
| E201800600                      | TCV                   | 100.00 %          | 96.01 %      | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>7</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>24</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>29.17 %</b> |

**Grow Choice Ag, Inc, dba Bricker's Choice - 5849 Front St Po Box 174 Marion PA 17235-0174 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
| E201800321                      | TCV                   | 100.00 %          | 95.12 %      | F              |
| E201800322                      | P2O5                  | 19.00 %           | 16.64 %      | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>2</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>4</b>       |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>50.00 %</b> |

**Growmark FS LLC - 656 Tarrtown Rd Adrian PA 16210-1218 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
| E201800609                      | P2O5                  | 24.00 %           | 21.44 %      | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>1</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>2</b>       |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>50.00 %</b> |

**Growmark FS LLC - 200 Packer Ave PO Box 71 Towanda PA 18848 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|---------------------------------|-----------------------|-------------------|--------------|---------------|
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>0</b>      |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>2</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>0.00 %</b> |

**Growmark FS LLC - 3150 Stoney Point Rd East Berlin PA 17316-9654 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|---------------------------------|-----------------------|-------------------|--------------|---------------|
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>0</b>      |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>3</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>0.00 %</b> |

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**Growmark FS LLC - 552 Feidler Rd Bellefonte PA 16823-7556 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|---------------------------------|-----------------------|-------------------|--------------|---------------|
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>0</b>      |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>4</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>0.00 %</b> |

**Growmark FS LLC - 308 NE Front St Milford DE 19963-1434 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|---------------------------------|-----------------------|-------------------|--------------|---------------|
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>0</b>      |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>1</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>0.00 %</b> |

**Growmark FS LLC - 520 E North St Carlisle PA 17013-2638 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|---------------------------------|-----------------------|-------------------|--------------|---------------|
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>0</b>      |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>2</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>0.00 %</b> |

**Growmark FS LLC - 308 NE Front St Milford DE 19963-1434 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
| E201800173                      | K2O                   | 16.00 %           | 14.05 %      | F              |
| E201800174                      | N                     | 23.00 %           | 19.56 %      | F              |
|                                 | TCV                   | 100.00 %          | 92.64 %      | F              |
| E201800315                      | N                     | 19.00 %           | 15.67 %      | F              |
| E201800316                      | P2O5                  | 11.00 %           | 9.19 %       | F              |
| E201800462                      | K2O                   | 10.00 %           | 8.62 %       | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>5</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>27</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>18.52 %</b> |

**Growmark FS LLC - 1694 North Center Ave Somerset PA 15501 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
| E201800490                      | K2O                   | 13.00 %           | 11.57 %      | F              |
| E201800491                      | K2O                   | 19.01 %           | 13.22 %      | F              |
|                                 | P2O5                  | 18.99 %           | 15.95 %      | F              |
| E201800648                      | P2O5                  | 15.00 %           | 13.28 %      | F              |
|                                 | TCV                   | 100.00 %          | 92.46 %      | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>3</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>11</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>27.27 %</b> |

**Growmark FS, LLC - 4 Kraft Mill Rd Po Box 220 Codorus PA 17311 US**

| <u>Sample ID</u> | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|------------------|-----------------------|-------------------|--------------|---------------|
| E201800342       | TCV                   | 100.00 %          | 94.19 %      | F             |



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**Growmark FS, LLC - 4 Kraft Mill Rd Po Box 220 Codorus PA 17311 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
| E201800343                      | Mg                    | 2.93 %            | 1.73 %       | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>2</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>6</b>       |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>33.33 %</b> |

**Growmark FS, LLC - 6395 State Route 103 N Bldg 63 Lewistown PA 17044 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|---------------------------------|-----------------------|-------------------|--------------|---------------|
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>0</b>      |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>2</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>0.00 %</b> |

**Growmark, Inc. - 1701 Towanda Ave Bloomington IL 61701-2050 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>   |
|---------------------------------|-----------------------|-------------------|--------------|-----------------|
| E201800118                      | Fe                    | 4.00 %            | 0.41 %       | F               |
|                                 | K2O                   | 4.00 %            | 2.53 %       | F               |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>1</b>        |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>1</b>        |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>100.00 %</b> |

**GUARANTOR/MANUFACTURER - Guarantor not on PaPlants - PA 00000 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>   |
|---------------------------------|-----------------------|-------------------|--------------|-----------------|
| E201900002                      | TCV                   | 100.00 %          | 83.05 %      | F               |
|                                 | N                     | 16.00 %           | 10.00 %      | F               |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>1</b>        |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>1</b>        |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>100.00 %</b> |

**Harsco Metals and Minerals - 359 N Pike Rd Sarver PA 16055-8633 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
| E201800149                      | Mg                    | 5.00 %            | 3.87 %       | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>1</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>6</b>       |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>16.67 %</b> |

**Helena Agri-Enterprises, LLC - 225 Schilling Blvd Ste 300 Collierville TN 38017-7177 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|---------------------------------|-----------------------|-------------------|--------------|---------------|
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>0</b>      |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>1</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>0.00 %</b> |

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**Helena Agri-Enterprises, LLC dba Helena Chemical C - 2413 Pennington Rd Tyrone PA 16686-3316 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
| E201800358                      | N                     | 6.34 %            | 5.11 %       | F              |
| E201800359                      | K2O                   | 19.00 %           | 16.08 %      | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>2</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>7</b>       |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>28.57 %</b> |

**Helena Chemical Co. - 225 Schilling Blvd Ste 300 Collierville TN 38017-7177 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
| E201800151                      | N                     | 19.00 %           | 17.09 %      | F              |
| E201800152                      | N                     | 10.00 %           | 8.39 %       | F              |
|                                 | TCV                   | 100.00 %          | 90.44 %      | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>2</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>3</b>       |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>66.67 %</b> |

**Hildenbrand Lime & Fertilizer - 848 Waltz Mill Road Ruffsedale PA 15679 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|---------------------------------|-----------------------|-------------------|--------------|---------------|
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>0</b>      |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>1</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>0.00 %</b> |

**International Mulch Co., Inc. - Po Box 31366 Saint Louis MO 63131-0366 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
| E201800029                      | Ca                    | 8.00 %            | 5.74 %       | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>1</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>6</b>       |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>16.67 %</b> |

**JR Peters, Inc. - 6656 Grant Way Allentown PA 18106-9316 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|---------------------------------|-----------------------|-------------------|--------------|---------------|
| E201800260                      | P2O5                  | 4.00 %            | 0.53 %       | F             |
|                                 | K2O                   | 16.00 %           | 1.61 %       | F             |
|                                 | TCV                   | 100.00 %          | 58.07 %      | F             |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>1</b>      |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>14</b>     |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>7.14 %</b> |

**Judsons Inc - 6872 Austinville Rd Columbia Cross Roads PA 16914 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
| E201800638                      | P2O5                  | 12.00 %           | 9.77 %       | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>1</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>2</b>       |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>50.00 %</b> |

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**Kepner Farm Supply, LLC - 429 Maple Ln Muncy PA 17756-7608 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
| E201800139                      | P2O5                  | 15.00 %           | 12.56 %      | F              |
|                                 | TCV                   | 100.00 %          | 93.61 %      | F              |
| E201800140                      | N                     | 10.00 %           | 8.69 %       | F              |
|                                 | P2O5                  | 10.00 %           | 8.36 %       | F              |
|                                 | TCV                   | 100.00 %          | 87.24 %      | F              |
| E201800580                      | P2O5                  | 20.00 %           | 17.49 %      | F              |
|                                 | TCV                   | 100.00 %          | 94.96 %      | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>3</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>8</b>       |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>37.50 %</b> |

**Kirby Agri, Inc. - 2313 Norman Rd Lancaster PA 17601-5999 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
| E201800002                      | TCV                   | 100.00 %          | 91.95 %      | F              |
| E201800003                      | K2O                   | 11.00 %           | 9.52 %       | F              |
| E201800004                      | N                     | 10.00 %           | 8.56 %       | F              |
|                                 | P2O5                  | 20.00 %           | 16.98 %      | F              |
|                                 | K2O                   | 10.00 %           | 8.69 %       | F              |
|                                 | TCV                   | 100.00 %          | 85.53 %      | F              |
| E201800041                      | K2O                   | 8.00 %            | 6.68 %       | F              |
|                                 | TCV                   | 100.00 %          | 96.10 %      | F              |
| E201800161                      | P2O5                  | 10.00 %           | 7.85 %       | F              |
|                                 | K2O                   | 10.00 %           | 7.91 %       | F              |
|                                 | TCV                   | 100.00 %          | 82.45 %      | F              |
| E201800300                      | TCV                   | 100.00 %          | 82.95 %      | F              |
|                                 | N                     | 10.00 %           | 8.33 %       | F              |
|                                 | P2O5                  | 6.00 %            | 4.30 %       | F              |
| E201800592                      | N                     | 18.00 %           | 16.01 %      | F              |
|                                 | P2O5                  | 18.00 %           | 15.97 %      | F              |
| E201800678                      | K2O                   | 5.00 %            | 4.17 %       | F              |
|                                 | TCV                   | 100.00 %          | 92.29 %      | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>8</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>13</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>61.54 %</b> |

**Kirby Agri, Inc. - 500 Running Pump Road Lancaster PA 17607-6277 US**

| <u>Sample ID</u> | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|------------------|-----------------------|-------------------|--------------|---------------|
| E201800039       | P2O5                  | 20.00 %           | 17.17 %      | F             |
|                  | TCV                   | 100.00 %          | 89.67 %      | F             |
| E201800040       | P2O5                  | 10.00 %           | 8.78 %       | F             |
|                  | TCV                   | 100.00 %          | 91.37 %      | F             |
| E201800109       | K2O                   | 10.00 %           | 8.83 %       | F             |
|                  | TCV                   | 100.00 %          | 94.64 %      | F             |
| E201800127       | K2O                   | 10.00 %           | 8.74 %       | F             |

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**Kirby Agri, Inc. - 500 Running Pump Road Lancaster PA 17607-6277 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
|                                 | TCV                   | 100.00 %          | 92.07 %      | F              |
| E201800128                      | K2O                   | 20.00 %           | 17.15 %      | F              |
|                                 | TCV                   | 100.00 %          | 96.44 %      | F              |
| E201800129                      | TCV                   | 100.00 %          | 91.43 %      | F              |
| E201800186                      | TCV                   | 100.00 %          | 95.30 %      | F              |
| E201800204                      | K2O                   | 11.00 %           | 8.99 %       | F              |
|                                 | TCV                   | 100.00 %          | 94.70 %      | F              |
| E201800284                      | K2O                   | 10.00 %           | 8.08 %       | F              |
|                                 | TCV                   | 100.00 %          | 93.71 %      | F              |
| E201800285                      | P2O5                  | 10.00 %           | 8.65 %       | F              |
| E201800427                      | K2O                   | 10.00 %           | 7.92 %       | F              |
|                                 | TCV                   | 100.00 %          | 89.58 %      | F              |
| E201800428                      | N                     | 15.00 %           | 12.53 %      | F              |
| E201800576                      | K2O                   | 10.00 %           | 8.78 %       | F              |
|                                 | TCV                   | 100.00 %          | 92.70 %      | F              |
| E201800590                      | TCV                   | 100.00 %          | 94.05 %      | F              |
| E201800593                      | K2O                   | 15.00 %           | 11.27 %      | F              |
|                                 | TCV                   | 100.00 %          | 93.41 %      | F              |
| E201800630                      | TCV                   | 100.00 %          | 93.04 %      | F              |
| E201800653                      | P2O5                  | 20.00 %           | 17.75 %      | F              |
|                                 | TCV                   | 100.00 %          | 90.92 %      | F              |
| E201800676                      | P2O5                  | 10.00 %           | 8.50 %       | F              |
|                                 | K2O                   | 10.00 %           | 8.82 %       | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>18</b>      |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>45</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>40.00 %</b> |

**Knox Fertilizer Co., Inc. - Po Box 248 Knox IN 46534-0248 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
| E201800236                      | P2O5                  | 54.00 %           | 50.19 %      | F              |
| E201800617                      | K2O                   | 10.00 %           | 8.15 %       | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>2</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>6</b>       |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>33.33 %</b> |

**KSI - 350 W Sepulveda Blvd Carson CA 90745-6389 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|---------------------------------|-----------------------|-------------------|--------------|---------------|
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>0</b>      |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>3</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>0.00 %</b> |

**Lawn And Garden Products, Inc. - Po Box 35000 Fresno CA 93745-5000 US**

| <u>Sample ID</u>             | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|------------------------------|-----------------------|-------------------|--------------|---------------|
| <b>Total Samples Failed:</b> |                       |                   |              | <b>0</b>      |

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**Total Samples Submitted: 2**  
**Deficiency Rate: 0.00 %**

**Lebanon Seaboard Corp - 1600 E Cumberland St Lebanon PA 17042 US**

| <u>Sample ID</u> | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|------------------|-----------------------|-------------------|--------------|---------------|
| E201800062       | Mn                    | 0.50 %            | 0.29 %       | F             |
| E201800295       | P2O5                  | 7.00 %            | 5.77 %       | F             |
| E201800297       | P2O5                  | 18.00 %           | 13.74 %      | F             |
|                  | TCV                   | 100.00 %          | 94.64 %      | F             |

**Total Samples Failed: 3**

**Total Samples Submitted: 12**

**Deficiency Rate: 25.00 %**

**Lesco - DON'T USE THIS ACCOUNT - 1385 E 36Th St Cleveland OH 44114-1849 US**

| <u>Sample ID</u> | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|------------------|-----------------------|-------------------|--------------|---------------|
| E201800018       | K2O                   | 3.00 %            | 2.37 %       | F             |
|                  | TCV                   | 100.00 %          | 96.80 %      | F             |
| E201800299       | K2O                   | 4.00 %            | 3.16 %       | F             |
| E201800505       | P2O5                  | 5.00 %            | 3.61 %       | F             |
|                  | TCV                   | 100.00 %          | 93.83 %      | F             |

**Total Samples Failed: 3**

**Total Samples Submitted: 3**

**Deficiency Rate: 100.00 %**

**Lesco, Inc. - 1385 E 36th St Cleveland OH 44114-4114 US**

| <u>Sample ID</u> | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|------------------|-----------------------|-------------------|--------------|---------------|
| E201800056       | TCV                   | 100.00 %          | 94.37 %      | F             |
| E201800057       | P2O5                  | 24.00 %           | 20.26 %      | F             |
|                  | TCV                   | 100.00 %          | 91.89 %      | F             |
| E201800058       | TCV                   | 100.00 %          | 95.18 %      | F             |
| E201800465       | K2O                   | 3.00 %            | 2.08 %       | F             |
| E201800466       | Mn                    | 1.00 %            | 0.85 %       | F             |
| E201800467       | TCV                   | 100.00 %          | 96.15 %      | F             |
|                  | N                     | 14.00 %           | 12.39 %      | F             |
|                  | P2O5                  | 14.00 %           | 12.36 %      | F             |
|                  | Mn                    | 0.45 %            | 0.36 %       | F             |
| E201800625       | K2O                   | 4.00 %            | 3.41 %       | F             |

**Total Samples Failed: 7**

**Total Samples Submitted: 14**

**Deficiency Rate: 50.00 %**

**Lilly Miller Brands - 1000 Parkwood Circle Ste 700 Atlanta GA 30339 US**

| <u>Sample ID</u> | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|------------------|-----------------------|-------------------|--------------|---------------|
|------------------|-----------------------|-------------------|--------------|---------------|

**Total Samples Failed: 0**

**Total Samples Submitted: 5**

**Deficiency Rate: 0.00 %**

**Pennsylvania Department of Agriculture  
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**Little Britain Agri Supply, Inc - 398 Little Britain Rd N Quarryville PA 17566-9644 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
| E201800436                      | K2O                   | 7.14 %            | 6.16 %       | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>1</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>4</b>       |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>25.00 %</b> |

**Loveland Products, Inc. - Po Box 1286 Greeley CO 80632-1286 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|---------------------------------|-----------------------|-------------------|--------------|---------------|
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>0</b>      |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>1</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>0.00 %</b> |

**Mainville Ag Services Inc - 360 Main Mifflin Road Bloomsburg PA 17815-6753 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|---------------------------------|-----------------------|-------------------|--------------|---------------|
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>0</b>      |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>4</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>0.00 %</b> |

**Martin Marietta Magnesia Specialties - 1800 Eastlake Road Manistee MI 49660-9394 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|---------------------------------|-----------------------|-------------------|--------------|---------------|
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>0</b>      |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>1</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>0.00 %</b> |

**Martins Elevator, Inc. - 13219 Maugansville Rd Hagerstown MD 21740-2448 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|---------------------------------|-----------------------|-------------------|--------------|---------------|
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>0</b>      |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>2</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>0.00 %</b> |

**Mausdale Farm Supply, LLC - 10 Old Valley School Rd Danville PA 17821 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
| E201800114                      | N                     | 10.00 %           | 8.93 %       | F              |
| E201800115                      | N                     | 20.00 %           | 13.98 %      | F              |
|                                 | TCV                   | 100.00 %          | 83.01 %      | F              |
| E201800116                      | N                     | 12.00 %           | 9.75 %       | F              |
| E201800433                      | N                     | 10.00 %           | 7.39 %       | F              |
|                                 | P2O5                  | 10.00 %           | 8.22 %       | F              |
|                                 | TCV                   | 100.00 %          | 82.97 %      | F              |
| E201800584                      | P2O5                  | 10.00 %           | 8.89 %       | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>5</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>10</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>50.00 %</b> |

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**McGeary Organics - 3004 Hempland Rd Ste 4 Lancaster PA 17601-1389 US**

| <u>Sample ID</u>         | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|--------------------------|-----------------------|-------------------|--------------|---------------|
| E201800182               | K2O                   | 3.00 %            | 2.46 %       | F             |
| Total Samples Failed:    |                       |                   |              | 1             |
| Total Samples Submitted: |                       |                   |              | 1             |
| Deficiency Rate:         |                       |                   |              | 100.00 %      |

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**Meherrin Fertilizer, Inc. - PO Box 310 4136 Severn Rd Severn NC 27877-0310 US**

| <u>Sample ID</u>         | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|--------------------------|-----------------------|-------------------|--------------|---------------|
| Total Samples Failed:    |                       |                   |              | 0             |
| Total Samples Submitted: |                       |                   |              | 2             |
| Deficiency Rate:         |                       |                   |              | 0.00 %        |

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**Miller Chemical & Fertilizer, LLC - 120 Radio Rd PO Box 333 Hanover PA 17331 US**

| <u>Sample ID</u>         | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|--------------------------|-----------------------|-------------------|--------------|---------------|
| E201800244               | N                     | 20.00 %           | 14.73 %      | F             |
| Total Samples Failed:    |                       |                   |              | 1             |
| Total Samples Submitted: |                       |                   |              | 5             |
| Deficiency Rate:         |                       |                   |              | 20.00 %       |

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**Milwaukee Metropolitan Sewerage District - 260 W Seeboth St Milwaukee WI 53204-1446 US**

| <u>Sample ID</u>         | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|--------------------------|-----------------------|-------------------|--------------|---------------|
| Total Samples Failed:    |                       |                   |              | 0             |
| Total Samples Submitted: |                       |                   |              | 1             |
| Deficiency Rate:         |                       |                   |              | 0.00 %        |

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**Miracle Gro Lawn Products, Inc. dba Scotts - 14111 Scottslawn Rd Marysville OH 43040-7801 US**

| <u>Sample ID</u>         | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|--------------------------|-----------------------|-------------------|--------------|---------------|
| E201800352               | P2O5                  | 2.00 %            | 1.55 %       | F             |
| Total Samples Failed:    |                       |                   |              | 1             |
| Total Samples Submitted: |                       |                   |              | 16            |
| Deficiency Rate:         |                       |                   |              | 6.25 %        |

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**Mirimichi Green Express, LLC - 418 Hermitage Road Castle Hayne NC 28429 US**

| <u>Sample ID</u>         | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|--------------------------|-----------------------|-------------------|--------------|---------------|
| Total Samples Failed:    |                       |                   |              | 0             |
| Total Samples Submitted: |                       |                   |              | 1             |
| Deficiency Rate:         |                       |                   |              | 0.00 %        |

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**Monrovia Growers Company - P.O. Box 1385 Azusa CA 91702 US**

| <u>Sample ID</u>         | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|--------------------------|-----------------------|-------------------|--------------|---------------|
| Total Samples Failed:    |                       |                   |              | 0             |
| Total Samples Submitted: |                       |                   |              | 1             |
| Deficiency Rate:         |                       |                   |              | 0.00 %        |

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**Monty's Plant Food Co., Inc. - 4800 Strawberry Ln Louisville KY 40209 US**

**Pennsylvania Department of Agriculture  
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Date Range: 7/1/2018 to 6/30/2019

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|---------------------------------|-----------------------|-------------------|--------------|---------------|
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>0</b>      |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>1</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>0.00 %</b> |

**Nutrien Ag Solutions Inc - 1190 Holtwood Rd Holtwood PA 17532-9703 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|---------------------------------|-----------------------|-------------------|--------------|---------------|
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>0</b>      |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>2</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>0.00 %</b> |

**Nutrien Ag Solutions, Inc. - 352 Greenleaf Rd Bloomsburg PA 17815-6547 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|---------------------------------|-----------------------|-------------------|--------------|---------------|
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>0</b>      |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>2</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>0.00 %</b> |

**Nutrien Ag Solutions, Inc. - 5061 Babe Rd Tyrone PA 16686-6246 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>   |
|---------------------------------|-----------------------|-------------------|--------------|-----------------|
| E201800334                      | Mg                    | 6.11 %            | 4.48 %       | F               |
|                                 | Ca                    | 11.66 %           | 8.10 %       | F               |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>1</b>        |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>1</b>        |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>100.00 %</b> |

**Nutrients Plus, LLC - 2133 Upton Dr Ste 126-509 Virginia Beach VA 23454 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|---------------------------------|-----------------------|-------------------|--------------|---------------|
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>0</b>      |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>1</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>0.00 %</b> |

**Ocean Crest Seafoods, Inc. - 88 Commercial St Gloucester MA 01930-5025 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>   |
|---------------------------------|-----------------------|-------------------|--------------|-----------------|
| E201800364                      | K2O                   | 1.00 %            | 0.75 %       | F               |
| E201800386                      | K2O                   | 1.00 %            | 0.75 %       | F               |
| E201800404                      | TCV                   | 100.00 %          | 91.03 %      | F               |
|                                 | K2O                   | 1.00 %            | 0.30 %       | F               |
| E201800405                      | K2O                   | 1.00 %            | 0.72 %       | F               |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>4</b>        |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>4</b>        |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>100.00 %</b> |

**Oregon Ag, LLC - 1150 E Oregon Rd Lititz PA 17543-8490 US**

| <u>Sample ID</u> | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|------------------|-----------------------|-------------------|--------------|---------------|
| E201800172       | P2O5                  | 10.00 %           | 8.05 %       | F             |



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**Oregon Ag, LLC - 1150 E Oregon Rd Lititz PA 17543-8490 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
|                                 | TCV                   | 100.00 %          | 93.07 %      | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>1</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>4</b>       |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>25.00 %</b> |

**Organic Approach - 128 Weaver Road Lancaster PA 17603 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
| E201800517                      | TCV                   | 100.00 %          | 91.81 %      | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>1</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>3</b>       |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>33.33 %</b> |

**P L Rohrer & Bro, Inc. - Po Box 250 2472 Old Philadelphia Pike Smoketown PA 17576-0250 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
| E201800117                      | TCV                   | 100.00 %          | 94.28 %      | F              |
| E201800120                      | TCV                   | 100.00 %          | 89.12 %      | F              |
|                                 | N                     | 10.00 %           | 8.42 %       | F              |
| E201800121                      | TCV                   | 100.00 %          | 87.67 %      | F              |
|                                 | K2O                   | 10.00 %           | 8.64 %       | F              |
|                                 | P2O5                  | 20.00 %           | 17.02 %      | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>3</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>4</b>       |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>75.00 %</b> |

**Plantation Products, LLC - 202 S Washington St Norton MA 02766-3326 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|---------------------------------|-----------------------|-------------------|--------------|---------------|
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>0</b>      |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>2</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>0.00 %</b> |

**Raymond D Eck & Sons Inc - 112 Harris St PO Box 344 Jersey Shore PA 17740-1112 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|---------------------------------|-----------------------|-------------------|--------------|---------------|
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>0</b>      |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>1</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>0.00 %</b> |

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**Red Lion Grain Center - 1000 Delta Road Red Lion PA 17356 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
| E201800506                      | Mg                    | 23.00 %           | 15.71 %      | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>1</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>6</b>       |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>16.67 %</b> |

**Reed & Perrine - Po Box 100 Tennent NJ 07763-0100 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
| E201800134                      | P2O5                  | 24.00 %           | 21.97 %      | F              |
|                                 | K2O                   | 12.00 %           | 10.71 %      | F              |
|                                 | TCV                   | 100.00 %          | 95.42 %      | F              |
| E201800184                      | P2O5                  | 24.00 %           | 20.57 %      | F              |
|                                 | TCV                   | 100.00 %          | 93.69 %      | F              |
|                                 | Fe                    | 1.25 %            | 0.60 %       | F              |
| E201800185                      | TCV                   | 100.00 %          | 95.91 %      | F              |
| E201800551                      | P2O5                  | 24.00 %           | 21.28 %      | F              |
|                                 | TCV                   | 100.00 %          | 95.28 %      | F              |
|                                 | Fe                    | 1.25 %            | 0.36 %       | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>4</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>17</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>23.53 %</b> |

**Richlawn Turf Food, LLC - 15121 County Road 32 Platteville CO 80651-8107 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>   |
|---------------------------------|-----------------------|-------------------|--------------|-----------------|
| E201800677                      | P2O5                  | 2.00 %            | 1.40 %       | F               |
|                                 | TCV                   | 100.00 %          | 95.50 %      | F               |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>1</b>        |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>1</b>        |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>100.00 %</b> |

**Risser Grain - Turbotville - 440 Beaver Run Rd Turbotville PA 17772-8513 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
| E201800627                      | Mg                    | 4.90 %            | 3.40 %       | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>1</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>5</b>       |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>20.00 %</b> |

**Scotts Miracle Gro Products, Inc. - 14111 Scottslawn Rd Marysville OH 43040-7801 US**

| <u>Sample ID</u> | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|------------------|-----------------------|-------------------|--------------|---------------|
| E201800044       | P2O5                  | 2.00 %            | 1.61 %       | F             |
| E201800282       | N                     | 5.00 %            | 4.22 %       | F             |

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**Scotts Miracle Gro Products, Inc. - 14111 Scottslawn Rd Marysville OH 43040-7801 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
|                                 | TCV                   | 100.00 %          | 94.74 %      | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>2</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>17</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>11.76 %</b> |

**Solu-Cal USA, Ltd - PO Box 278 22 Cranberry Hwy W Wareham MA 02576 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>   |
|---------------------------------|-----------------------|-------------------|--------------|-----------------|
| E201800176                      | N                     | 6.00 %            | 5.23 %       | F               |
|                                 | P2O5                  | 12.00 %           | 10.58 %      | F               |
|                                 | K2O                   | 6.00 %            | 4.84 %       | F               |
|                                 | TCV                   | 100.00 %          | 86.30 %      | F               |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>1</b>        |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>1</b>        |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>100.00 %</b> |

**Sun Bulb Co - 1615 S.W. Hwy 17 PO Box 698 Arcadia FL 34266 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
| E201800079                      | P2O5                  | 14.00 %           | 11.01 %      | F              |
|                                 | K2O                   | 13.00 %           | 11.10 %      | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>1</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>4</b>       |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>25.00 %</b> |

**Swiss Farms Products, Inc. dba Scotts Co - 3993 Howard Hughes Pkwy Ste 250 Las Vegas NV 89169-6754 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|---------------------------------|-----------------------|-------------------|--------------|---------------|
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>0</b>      |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>5</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>0.00 %</b> |

**Synatek, LP - 737 Hagey Center Dr Unit A Souderton PA 18964-2404 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
| E201800137                      | Fe                    | 1.60 %            | 0.94 %       | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>1</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>2</b>       |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>50.00 %</b> |

**Pennsylvania Department of Agriculture  
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Date Range: 7/1/2018 to 6/30/2019

**The Agronomy Center - 12039 Wm Penn Hwy Thompsett PA 17094 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
| E201800447                      | K2O                   | 19.00 %           | 15.45 %      | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>1</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>3</b>       |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>33.33 %</b> |

**The Andersons, Inc - Lawn Fertilizer Division - PO BOX 119 Maumee OH 43537 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|---------------------------------|-----------------------|-------------------|--------------|---------------|
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>0</b>      |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>1</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>0.00 %</b> |

**The Andersons, Inc. - Po Box 119 Maumee OH 43537-0119 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
| E201800189                      | K2O                   | 24.00 %           | 20.59 %      | F              |
| E201800458                      | P2O5                  | 10.00 %           | 8.94 %       | F              |
|                                 | K2O                   | 10.00 %           | 8.72 %       | F              |
|                                 | TCV                   | 100.00 %          | 89.75 %      | F              |
| E201800538                      | P2O5                  | 30.00 %           | 27.95 %      | F              |
|                                 | TCV                   | 100.00 %          | 95.38 %      | F              |
| E201800662                      | TCV                   | 100.00 %          | 96.97 %      | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>4</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>23</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>17.39 %</b> |

**The Andersons, Lordstown - 6161 Muth Rd Lordstown OH 44481 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|---------------------------------|-----------------------|-------------------|--------------|---------------|
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>0</b>      |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>1</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>0.00 %</b> |

**The Doggett Corporation - 30 Cherry St Lebanon NJ 08833-2151 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|---------------------------------|-----------------------|-------------------|--------------|---------------|
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>0</b>      |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>1</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>0.00 %</b> |

**The Espoma Co. - 6 Espoma Rd Millville NJ 08332-1499 US**

| <u>Sample ID</u> | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|------------------|-----------------------|-------------------|--------------|---------------|
| E201800078       | P2O5                  | 2.00 %            | 0.79 %       | F             |
|                  | TCV                   | 100.00 %          | 95.82 %      | F             |
| E201800085       | P2O5                  | 2.00 %            | 1.29 %       | F             |
| E201800122       | N                     | 10.00 %           | 8.21 %       | F             |
| E201800216       | TCV                   | 100.00 %          | 87.33 %      | F             |
|                  | P2O5                  | 2.00 %            | 0.93 %       | F             |

**Pennsylvania Department of Agriculture  
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Date Range: 7/1/2018 to 6/30/2019

**The Espoma Co. - 6 Espoma Rd Millville NJ 08332-1499 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
| E201800224                      | N                     | 2.60 %            | 2.21 %       | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>5</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>25</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>20.00 %</b> |

**The Fertrell Company - Po Box 265 Rt 241 & 441 Bainbridge PA 17502 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
| E201800409                      | TCV                   | 100.00 %          | 85.38 %      | F              |
|                                 | K2O                   | 3.00 %            | 1.95 %       | F              |
| E201800410                      | K2O                   | 4.00 %            | 2.57 %       | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>2</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>4</b>       |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>50.00 %</b> |

**The Hawthorne Gardening Company - 800 Port Washington Blvd Port Washington NY 11050-3720 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|---------------------------------|-----------------------|-------------------|--------------|---------------|
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>0</b>      |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>5</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>0.00 %</b> |

**The Organic Mechanic Soil Co - 12 Union St PO Box 272 Modena PA 19358-0272 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|---------------------------------|-----------------------|-------------------|--------------|---------------|
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>0</b>      |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>1</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>0.00 %</b> |

**The Scotts Co. - 14111 Scottslawn Rd Marysville OH 43040-7801 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
| E201800197                      | K2O                   | 10.00 %           | 6.46 %       | F              |
|                                 | TCV                   | 100.00 %          | 87.27 %      | F              |
| E201800474                      | Fe                    | 2.00 %            | 1.77 %       | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>2</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>14</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>14.29 %</b> |

**Timac Agro USA, INC - Rt 724 & I-176 Po Box 888 Reading PA 19607 US**

| <u>Sample ID</u> | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|------------------|-----------------------|-------------------|--------------|---------------|
| E201800367       | P2O5                  | 24.00 %           | 20.46 %      | F             |
|                  | K2O                   | 24.00 %           | 21.31 %      | F             |

**Pennsylvania Department of Agriculture  
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Date Range: 7/1/2018 to 6/30/2019

**Timac Agro USA, INC - Rt 724 & I-176 Po Box 888 Reading PA 19607 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
|                                 | TCV                   | 100.00 %          | 95.12 %      | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>1</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>8</b>       |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>12.50 %</b> |

**Turf Care Supply Corp. - 50 Pearl Rd Ste 200 ATTN Brad Keffer Brunswick OH 44212-5703 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
| E201800100                      | N                     | 16.00 %           | 13.44 %      | F              |
|                                 | P2O5                  | 20.00 %           | 17.49 %      | F              |
|                                 | TCV                   | 100.00 %          | 88.77 %      | F              |
| E201800567                      | P2O5                  | 20.00 %           | 17.18 %      | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>2</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>3</b>       |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>66.67 %</b> |

**Union Mill Div. Of Chemgro - 316 Applehouse Rd Belleville PA 17004-8628 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
| E201800620                      | TCV                   | 100.00 %          | 94.08 %      | F              |
|                                 | K2O                   | 40.00 %           | 36.87 %      | F              |
| E201800621                      | TCV                   | 100.00 %          | 95.54 %      | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>2</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>9</b>       |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>22.22 %</b> |

**Vogel Seed & Fertilizer, Inc. - 1891 Spring Valley Rd Jackson WI 53037-8603 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u>  |
|---------------------------------|-----------------------|-------------------|--------------|----------------|
| E201800203                      | Fe                    | 4.00 %            | 2.89 %       | F              |
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>1</b>       |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>2</b>       |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>50.00 %</b> |

**Voluntary Purchasing Groups, Inc. - 230 FM 87 Bonham TX 75418-8629 US**

| <u>Sample ID</u>                | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|---------------------------------|-----------------------|-------------------|--------------|---------------|
| <b>Total Samples Failed:</b>    |                       |                   |              | <b>0</b>      |
| <b>Total Samples Submitted:</b> |                       |                   |              | <b>1</b>      |
| <b>Deficiency Rate:</b>         |                       |                   |              | <b>0.00 %</b> |

**Webb's Super-Gro Products, Inc - 30 Pennsylvania Avenue PO Box C Mill Hall PA 17751-0090 US**

| <u>Sample ID</u>             | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|------------------------------|-----------------------|-------------------|--------------|---------------|
| <b>Total Samples Failed:</b> |                       |                   |              | <b>0</b>      |

**Pennsylvania Department of Agriculture  
Bureau of Plant Industry  
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Date Range: 7/1/2018 to 6/30/2019

**Total Samples Submitted: 1**  
**Deficiency Rate: 0.00 %**

**Winfield Solutions, LLC - PO Box 64589 St Paul MN 55164-0589 US**

| <u>Sample ID</u> | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|------------------|-----------------------|-------------------|--------------|---------------|
| E201800011       | K2O                   | 10.00 %           | 7.39 %       | F             |
| E201800251       | K2O                   | 17.00 %           | 10.18 %      | F             |
| E201800252       | K2O                   | 10.00 %           | 8.17 %       | F             |
|                  | TCV                   | 100.00 %          | 96.57 %      | F             |

**Total Samples Failed: 3**

**Total Samples Submitted: 3**

**Deficiency Rate: 100.00 %**

**York Waste Water Treatment - c/o Ostara USA LLC 1701 Black Bridge Rd York PA 17402-1911 US**

| <u>Sample ID</u> | <u>Component Code</u> | <u>Guaranteed</u> | <u>Found</u> | <u>Status</u> |
|------------------|-----------------------|-------------------|--------------|---------------|
|------------------|-----------------------|-------------------|--------------|---------------|

**Total Samples Failed: 0**

**Total Samples Submitted: 1**

**Deficiency Rate: 0.00 %**