

**Pennsylvania Department of Agriculture
Bureau of Plant Industry**

Fertilizer Laboratory Tests

Date Range: 7/1/2014 to 6/30/2015

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

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| E201400037 | P2O5 | 17.00 % | 15.27 % | F |
| Total Samples Failed: | | | | 1 |
| Total Samples Submitted: | | | | 4 |
| Deficiency Rate: | | | | 25.00 % |

Agrium Advanced Technologies (US) Inc - 2915 Rocky Mountain Ave Ste 400 Loveland CO 80538-9048 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|--------|----------------|
| E201400345 | K2O | 10.00 % | 6.47 % | F |
| Total Samples Failed: | | | | 1 |
| Total Samples Submitted: | | | | 4 |
| Deficiency Rate: | | | | 25.00 % |

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

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| E201400436 | N | 10.00 % | 8.66 % | F |
| | P2O5 | 20.00 % | 17.89 % | F |
| | K2O | 20.00 % | 14.71 % | F |
| | TCV | 100.00 % | 83.07 % | F |
| E201400439 | TCV | 100.00 % | 94.67 % | F |
| E201400440 | P2O5 | 30.00 % | 27.48 % | F |
| | TCV | 100.00 % | 92.14 % | F |
| Total Samples Failed: | | | | 3 |
| Total Samples Submitted: | | | | 6 |
| Deficiency Rate: | | | | 50.00 % |

Albrights Mill LLC - 9927 Kistler Valley Road Kempton PA 19529 US

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

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

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| E201400049 | TCV | 100.00 % | 95.62 % | F |
| E201400347 | TCV | 100.00 % | 96.61 % | F |
| E201400733 | N | 24.00 % | 21.94 % | F |
| | TCV | 100.00 % | 92.64 % | F |
| Total Samples Failed: | | | | 3 |
| Total Samples Submitted: | | | | 6 |
| Deficiency Rate: | | | | 50.00 % |

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Andersons, Inc. - PO Box 119 Maumee OH 43537 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| E201400528 | N | 10.00 % | 8.38 % | F |
| | P2O5 | 10.00 % | 8.99 % | F |
| | TCV | 100.00 % | 88.11 % | F |
| E201400601 | K2O | 16.00 % | 13.18 % | F |
| | TCV | 100.00 % | 89.34 % | F |
| | N | 16.00 % | 13.44 % | F |
| E201400604 | K2O | 20.00 % | 17.88 % | F |
| E201400760 | P2O5 | 10.00 % | 8.65 % | F |
| | TCV | 100.00 % | 96.58 % | F |
| Total Samples Failed: | | | | 4 |
| Total Samples Submitted: | | | | 15 |
| Deficiency Rate: | | | | 26.67 % |

Andre & Son Inc - 17150 State Route 706 Montrose PA 18801-9771 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| E201400066 | N | 10.00 % | 8.51 % | F |
| | TCV | 100.00 % | 96.77 % | F |
| E201400444 | N | 10.00 % | 8.07 % | F |
| | P2O5 | 20.00 % | 15.91 % | F |
| | TCV | 100.00 % | 82.48 % | F |
| Total Samples Failed: | | | | 2 |
| Total Samples Submitted: | | | | 12 |
| Deficiency Rate: | | | | 16.67 % |

Aqua Aid, Inc - 5484 S. Old Carriage Rd Rocky Mount NC 27803 US

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

Bedford Farm Bureau Co-op Somerset - 141 Maurice Lane Rockwood PA 15557 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|------------|----------------|------------|---------|--------|
| E201400064 | TCV | 100.00 % | 93.57 % | F |
| E201400247 | K2O | 10.00 % | 8.82 % | F |
| E201400251 | N | 15.00 % | 13.18 % | F |
| | TCV | 100.00 % | 94.42 % | F |
| E201400505 | TCV | 100.00 % | 93.88 % | F |
| E201400507 | K2O | 20.00 % | 17.11 % | F |
| E201400650 | P2O5 | 15.00 % | 13.24 % | F |
| | K2O | 15.00 % | 12.45 % | F |
| | TCV | 100.00 % | 93.51 % | F |

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Bedford Farm Bureau Co-op Somerset - 141 Maurice Lane Rockwood PA 15557 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| E201400746 | TCV | 100.00 % | 91.91 % | F |
| Total Samples Failed: | | | | 7 |
| Total Samples Submitted: | | | | 17 |
| Deficiency Rate: | | | | 41.18 % |

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

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

Bio Green USA - 1490 Airport Rd Greensboro GA 30642-2362 US

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

Biologic LLC - 1003 Hwy 45Alt. South West Point MS 39773 US

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

Black Gold Envirosafe Inc - Po Box 190 Oxford FL 34484-0190 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|--------|----------------|
| E201400097 | P2O5 | 5.00 % | 4.37 % | F |
| Total Samples Failed: | | | | 1 |
| Total Samples Submitted: | | | | 2 |
| Deficiency Rate: | | | | 50.00 % |

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

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| E201400624 | P2O5 | 10.00 % | 7.43 % | F |
| | TCV | 100.00 % | 86.25 % | F |
| Total Samples Failed: | | | | 1 |
| Total Samples Submitted: | | | | 4 |
| Deficiency Rate: | | | | 25.00 % |

Bricker's Choice - 5849 Front St PO Box 174 Marion PA 17235 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|------------|----------------|------------|---------|--------|
| E201400735 | K2O | 10.00 % | 8.35 % | F |
| | TCV | 100.00 % | 91.40 % | F |
| E201400736 | N | 10.00 % | 8.28 % | F |
| | K2O | 10.00 % | 8.57 % | F |

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Bricker's Choice - 5849 Front St PO Box 174 Marion PA 17235 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| E201400737 | TCV | 100.00 % | 87.31 % | F |
| | K2O | 20.00 % | 17.95 % | F |
| | TCV | 100.00 % | 96.25 % | F |
| Total Samples Failed: | | | | 3 |
| Total Samples Submitted: | | | | 5 |
| Deficiency Rate: | | | | 60.00 % |

Central Garden & Pet Garden Division - c/o Registrations By Design, Inc. 1000 Parkwood Circle, Suite 200 Atlanta GA 30339-6627 US

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

Central Turf and Irrigation Supply - 1544A Campus Dr Warminster PA 18974-3969 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| E201400446 | N | 20.00 % | 14.64 % | F |
| | TCV | 100.00 % | 77.71 % | F |
| Total Samples Failed: | | | | 1 |
| Total Samples Submitted: | | | | 4 |
| Deficiency Rate: | | | | 25.00 % |

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

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| E201400281 | K2O | 23.16 % | 18.40 % | F |
| | TCV | 100.00 % | 95.06 % | F |
| E201400282 | K2O | 12.00 % | 1.00 % | F |
| | TCV | 100.00 % | 84.07 % | F |
| E201400433 | TCV | 100.00 % | 94.06 % | F |
| E201400434 | P2O5 | 11.00 % | 8.69 % | F |
| | TCV | 100.00 % | 90.87 % | F |
| Total Samples Failed: | | | | 4 |
| Total Samples Submitted: | | | | 6 |
| Deficiency Rate: | | | | 66.67 % |

Chrysal International BV - PO Box 5300 AH Naarden 1410 NL

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|-----------------|
| E201400165 | TCV | 100.00 % | 93.78 % | F |
| Total Samples Failed: | | | | 1 |
| Total Samples Submitted: | | | | 1 |
| Deficiency Rate: | | | | 100.00 % |

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

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

Crop Production Services Inc - 41 Greenleaf Rd Bloomsburg PA 17815-6573 US

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

Cumberland Valley Coop. Assn - Po Box 350 Shippensburg PA 17257 US

| Sample ID | Component Code | Guaranteed | Found | Status | |
|------------|----------------|------------|---------|---------------------------------|----------------|
| E201400368 | K2O | 10.00 % | 7.98 % | F | |
| | TCV | 100.00 % | 94.25 % | F | |
| E201400509 | P2O5 | 10.00 % | 8.09 % | F | |
| | K2O | 10.00 % | 7.86 % | F | |
| | TCV | 100.00 % | 86.06 % | F | |
| | | | | Total Samples Failed: | 2 |
| | | | | Total Samples Submitted: | 3 |
| | | | | Deficiency Rate: | 66.67 % |

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

| Sample ID | Component Code | Guaranteed | Found | Status | |
|------------|----------------|------------|---------|---------------------------------|----------------|
| E201400700 | TCV | 100.00 % | 93.06 % | F | |
| E201400701 | K2O | 8.00 % | 6.86 % | F | |
| | | | | Total Samples Failed: | 2 |
| | | | | Total Samples Submitted: | 6 |
| | | | | Deficiency Rate: | 33.33 % |

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

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

Deerfield Farms Service Inc - 193 Black Rd Volant PA 16156-4601 US

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

Delcarm, LLC - 756 Street Rd Cochranville PA 19330-9469 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|------------|----------------|------------|--------|--------|
| E201400540 | P2O5 | 5.00 % | 3.80 % | F |

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Total Samples Failed: 1
Total Samples Submitted: 4
Deficiency Rate: 25.00 %

Doggett Corp,The - 30 Cherry St Lebanon NJ 08833 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| E201400109 | K2O | 18.00 % | 11.67 % | F |
| Total Samples Failed: | | | | 1 |
| Total Samples Submitted: | | | | 2 |
| Deficiency Rate: | | | | 50.00 % |

Domestic Fertilizer Inc. - 1750 17th Street Paris KY 21483 US

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

Dr Earth INC - PO BOX 460 Winters CA 95694 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|--------|----------------|
| E201400197 | P2O5 | 4.00 % | 3.31 % | F |
| E201400223 | N | 10.00 % | 8.27 % | F |
| Total Samples Failed: | | | | 2 |
| Total Samples Submitted: | | | | 10 |
| Deficiency Rate: | | | | 20.00 % |

E B Stone & Son, Inc. - 6111 Lambie Road Po Box 550 Suisun CA 94585 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|-----------------|
| E201400794 | P2O5 | 10.00 % | 8.47 % | F |
| | K2O | 10.00 % | 8.54 % | F |
| | TCV | 100.00 % | 89.99 % | F |
| E201400808 | P2O5 | 1.00 % | 0.61 % | F |
| Total Samples Failed: | | | | 2 |
| Total Samples Submitted: | | | | 2 |
| Deficiency Rate: | | | | 100.00 % |

Easy Gardener Inc - PO BOX 21025 Waco TX 76702 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| E201400185 | N | 4.00 % | 3.28 % | F |
| E201400232 | N | 4.00 % | 2.97 % | F |
| E201400780 | K2O | 8.00 % | 5.33 % | F |
| | TCV | 100.00 % | 94.76 % | F |
| E201400806 | K2O | 8.00 % | 2.65 % | F |
| | TCV | 100.00 % | 92.63 % | F |
| Total Samples Failed: | | | | 4 |
| Total Samples Submitted: | | | | 11 |
| Deficiency Rate: | | | | 36.36 % |

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EcoScraps Inc - PO Box 731 Sandy UT 84091-0731 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|--------|----------------|
| E201400562 | K2O | 6.00 % | 5.36 % | F |
| Total Samples Failed: | | | | 1 |
| Total Samples Submitted: | | | | 4 |
| Deficiency Rate: | | | | 25.00 % |

Encap LLC - 3921 Algoma Road Green Bay WI 54311 US

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

Enviro State Laboratories - 1579 Barber Rd Sarasota FL 34240-9391 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|--------|----------------|
| E201400819 | Cu | 0.20 % | 0.06 % | F |
| Total Samples Failed: | | | | 1 |
| Total Samples Submitted: | | | | 2 |
| Deficiency Rate: | | | | 50.00 % |

Espoma Co., The - 6 Espoma Rd Millville NJ 08332 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|---------------|
| E201400120 | K2O | 2.00 % | 1.00 % | F |
| | TCV | 100.00 % | 89.49 % | F |
| E201400137 | Ca | 5.00 % | 4.45 % | F |
| Total Samples Failed: | | | | 2 |
| Total Samples Submitted: | | | | 32 |
| Deficiency Rate: | | | | 6.25 % |

Ever Grow for Specialty Fertilizers - Seventh Industrial No 7043 Saida City 1600 EG

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

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

| Sample ID | Component Code | Guaranteed | Found | Status |
|------------|----------------|------------|---------|--------|
| E201400359 | N | 20.00 % | 17.92 % | F |
| | K2O | 5.00 % | 4.25 % | F |
| | TCV | 100.00 % | 88.85 % | F |
| E201400360 | K2O | 5.00 % | 4.06 % | F |
| | TCV | 100.00 % | 85.85 % | F |
| | N | 22.00 % | 19.07 % | F |
| E201400616 | N | 9.00 % | 7.25 % | F |
| | TCV | 100.00 % | 84.82 % | F |
| E201400618 | N | 14.00 % | 12.22 % | F |

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

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| | P2O5 | 14.00 % | 11.32 % | F |
| | TCV | 100.00 % | 95.82 % | F |
| Total Samples Failed: | | | | 4 |
| Total Samples Submitted: | | | | 10 |
| Deficiency Rate: | | | | 40.00 % |

Fertrell Co, The - Po Box 265 Bainbridge PA 17502 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| E201400085 | K2O | 4.00 % | 3.47 % | F |
| E201400086 | K2O | 4.00 % | 3.49 % | F |
| E201400821 | P2O5 | 4.00 % | 2.78 % | F |
| | K2O | 7.00 % | 4.96 % | F |
| | TCV | 100.00 % | 82.45 % | F |
| Total Samples Failed: | | | | 3 |
| Total Samples Submitted: | | | | 7 |
| Deficiency Rate: | | | | 42.86 % |

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

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|--------|----------------|
| E201400348 | K2O | 5.00 % | 4.24 % | F |
| Total Samples Failed: | | | | 1 |
| Total Samples Submitted: | | | | 2 |
| Deficiency Rate: | | | | 50.00 % |

Genesis Turfgrass Inc - 137 Commerce Dr Glen Rock PA 17327 US

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

Griffith, E.h. Inc - 2250 Palmer Street Pittsburgh PA 15218 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|-------|---------------|
| Total Samples Failed: | | | | 0 |
| Total Samples Submitted: | | | | 6 |
| Deficiency Rate: | | | | 0.00 % |

Gro Tec Inc - P.O. Box 290 Madison GA 30650 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|------------|----------------|------------|---------|--------|
| E201400027 | K2O | 10.00 % | 3.01 % | F |
| | TCV | 100.00 % | 88.20 % | F |
| E201400160 | Fe | 2.00 % | 1.52 % | F |
| E201400225 | P2O5 | 10.00 % | 7.18 % | F |
| | K2O | 10.00 % | 7.25 % | F |
| | TCV | 100.00 % | 77.07 % | F |

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Gro Tec Inc - P.O. Box 290 Madison GA 30650 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| E201400684 | K2O | 10.00 % | 8.78 % | F |
| E201400743 | P2O5 | 6.00 % | 4.72 % | F |
| | K2O | 6.00 % | 4.79 % | F |
| | TCV | 100.00 % | 89.62 % | F |
| Total Samples Failed: | | | | 5 |
| Total Samples Submitted: | | | | 13 |
| Deficiency Rate: | | | | 38.46 % |

Growmark FS LLC - 852 Tulpehocken Rd Myerstown PA 17067-2246 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|-------|---------------|
| Total Samples Failed: | | | | 0 |
| Total Samples Submitted: | | | | 6 |
| Deficiency Rate: | | | | 0.00 % |

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

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

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

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| E201400753 | TCV | 100.00 % | 94.83 % | F |
| Total Samples Failed: | | | | 1 |
| Total Samples Submitted: | | | | 3 |
| Deficiency Rate: | | | | 33.33 % |

Growmark FS LLC - 3150 Stoney Point Road East Berlin PA 17316 US

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

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

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|-----------------|
| E201400769 | TCV | 100.00 % | 95.02 % | F |
| | N | 5.00 % | 3.35 % | F |
| Total Samples Failed: | | | | 1 |
| Total Samples Submitted: | | | | 1 |
| Deficiency Rate: | | | | 100.00 % |

Growmark FS LLC - 3024 Levans Rd Coplay PA 18037-2216 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|------------|----------------|------------|---------|--------|
| E201400771 | P2O5 | 14.00 % | 11.47 % | F |

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Total Samples Failed: 1
Total Samples Submitted: 1
Deficiency Rate: 100.00 %

Growmark FS LLC - 152 Railroad ST Bedford PA 15522 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|------------|----------------|------------|---------|-----------------------------------|
| E201400243 | K2O | 38.00 % | 35.79 % | F |
| | | | | Total Samples Failed: 1 |
| | | | | Total Samples Submitted: 2 |
| | | | | Deficiency Rate: 50.00 % |

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

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

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

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

Growmark FS, LLC D/B/A Codorus Fertilizer Service - 4 Kraft Mill Rd Po Box 220 Codorus PA 17311 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|------------|----------------|------------|---------|-----------------------------------|
| E201400549 | TCV | 100.00 % | 96.66 % | F |
| E201400550 | N | 10.00 % | 8.91 % | F |
| | | | | Total Samples Failed: 2 |
| | | | | Total Samples Submitted: 7 |
| | | | | Deficiency Rate: 28.57 % |

Growmark Inc - 1701 Towanda Ave PO Box 2500 Bloomington IL 61701-2057 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|------------|----------------|------------|---------|--------|
| E201400245 | K2O | 20.00 % | 17.54 % | F |
| | TCV | 100.00 % | 91.33 % | F |
| E201400328 | TCV | 100.00 % | 84.21 % | F |
| | N | 20.00 % | 16.20 % | F |
| | P2O5 | 10.00 % | 8.24 % | F |
| E201400329 | TCV | 100.00 % | 93.43 % | F |
| E201400333 | TCV | 100.00 % | 95.36 % | F |
| E201400412 | K2O | 20.00 % | 17.93 % | F |
| E201400463 | N | 10.00 % | 8.23 % | F |
| | P2O5 | 10.00 % | 8.48 % | F |
| | K2O | 10.00 % | 7.87 % | F |
| | TCV | 100.00 % | 82.08 % | F |

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

Date Range: 7/1/2014 to 6/30/2015

Growmark Inc - 1701 Towanda Ave PO Box 2500 Bloomington IL 61701-2057 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| E201400465 | TCV | 100.00 % | 94.67 % | F |
| E201400514 | K2O | 20.00 % | 17.17 % | F |
| | TCV | 100.00 % | 94.31 % | F |
| E201400680 | N | 10.00 % | 8.71 % | F |
| | P2O5 | 20.00 % | 17.83 % | F |
| | K2O | 20.00 % | 16.21 % | F |
| | TCV | 100.00 % | 85.76 % | F |
| E201400681 | N | 10.00 % | 8.11 % | F |
| | P2O5 | 10.00 % | 8.44 % | F |
| | K2O | 10.00 % | 8.96 % | F |
| | TCV | 100.00 % | 84.69 % | F |
| Total Samples Failed: | | | | 10 |
| Total Samples Submitted: | | | | 46 |
| Deficiency Rate: | | | | 21.74 % |

Growmark Inc - 1701 Towanda Ave Bloomington IL 61701 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| E201400030 | K2O | 10.00 % | 8.55 % | F |
| E201400067 | K2O | 19.00 % | 15.47 % | F |
| E201400089 | K2O | 9.00 % | 7.54 % | F |
| | TCV | 100.00 % | 90.89 % | F |
| E201400687 | TCV | 100.00 % | 96.23 % | F |
| Total Samples Failed: | | | | 4 |
| Total Samples Submitted: | | | | 11 |
| Deficiency Rate: | | | | 36.36 % |

Harrells LLC - 720 Kraft Rd Lakeland FL 33815-3244 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| E201400105 | N | 21.00 % | 16.98 % | F |
| | TCV | 100.00 % | 92.27 % | F |
| Total Samples Failed: | | | | 1 |
| Total Samples Submitted: | | | | 5 |
| Deficiency Rate: | | | | 20.00 % |

Helena Chemical - 2413 Pennington Rd PO Box 131 Warriors Mark PA 16877-0131 US

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

Helena Chemical Co - 225 Shilling Boulevard Collierville TN 38017 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|------------|----------------|------------|---------|--------|
| E201400422 | N | 10.00 % | 6.82 % | F |
| | TCV | 100.00 % | 89.53 % | F |

**Pennsylvania Department of Agriculture
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Date Range: 7/1/2014 to 6/30/2015

Helena Chemical Co - 225 Shilling Boulevard Collierville TN 38017 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| E201400425 | N | 19.00 % | 17.04 % | F |
| E201400467 | N | 15.00 % | 12.34 % | F |
| | P2O5 | 15.00 % | 11.69 % | F |
| | TCV | 100.00 % | 92.44 % | F |
| E201400595 | K2O | 20.00 % | 17.65 % | F |
| E201400596 | N | 10.00 % | 8.70 % | F |
| | TCV | 100.00 % | 95.77 % | F |
| E201400597 | P2O5 | 14.00 % | 12.17 % | F |
| | K2O | 14.00 % | 11.15 % | F |
| E201400599 | K2O | 12.00 % | 10.50 % | F |
| Total Samples Failed: | | | | 7 |
| Total Samples Submitted: | | | | 14 |
| Deficiency Rate: | | | | 50.00 % |

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

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

Holganix LLC - 54 Conchester Rd Glen Mills PA 19342-1506 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| E201400779 | TCV | 100.00 % | 88.16 % | F |
| | P2O5 | 9.00 % | 7.14 % | F |
| Total Samples Failed: | | | | 1 |
| Total Samples Submitted: | | | | 2 |
| Deficiency Rate: | | | | 50.00 % |

HyR BRIX Fertilizer - 2242 Berlin Station Rd Delaware OH 43015-9615 US

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

Infinity Fertilizers Inc - c/o The Scotts Company 6300 75th Ave Milan IL 61264 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| E201400041 | N | 32.00 % | 29.48 % | F |
| Total Samples Failed: | | | | 1 |
| Total Samples Submitted: | | | | 2 |
| Deficiency Rate: | | | | 50.00 % |

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Date Range: 7/1/2014 to 6/30/2015

J & J Agri Prod & Serv Inc - 220 S Second Street Dillsburg PA 17019 US

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

J R Peters Inc - 6656 Grant Way Allentown PA 18106 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|--------|----------------|
| E201400279 | Fe | 0.20 % | 0.15 % | F |
| Total Samples Failed: | | | | 1 |
| Total Samples Submitted: | | | | 10 |
| Deficiency Rate: | | | | 10.00 % |

**John Deere Landscape DBA Lesco Inc - Lynn Roberts- Regulatory Affairs 1385 East 36th Street
Cleveland OH 44114-4114 US**

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| E201400364 | N | 7.00 % | 5.30 % | F |
| | P2O5 | 1.00 % | 0.68 % | F |
| | TCV | 100.00 % | 79.69 % | F |
| E201400795 | K2O | 11.00 % | 9.01 % | F |
| E201400811 | P2O5 | 5.00 % | 3.91 % | F |
| Total Samples Failed: | | | | 3 |
| Total Samples Submitted: | | | | 24 |
| Deficiency Rate: | | | | 12.50 % |

Jonathan Green, Inc. - Po Box 326 Farmingdale NJ 07727 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|--------|----------------|
| E201400103 | Fe | 3.00 % | 0.72 % | F |
| Total Samples Failed: | | | | 1 |
| Total Samples Submitted: | | | | 4 |
| Deficiency Rate: | | | | 25.00 % |

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

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| E201400756 | K2O | 27.00 % | 23.64 % | F |
| Total Samples Failed: | | | | 1 |
| Total Samples Submitted: | | | | 2 |
| Deficiency Rate: | | | | 50.00 % |

Kenko - 128 Old Kettle Ct Stroudsburg PA 18360-7145 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|--------|----------------|
| E201400785 | N | 10.00 % | 8.90 % | F |
| Total Samples Failed: | | | | 1 |
| Total Samples Submitted: | | | | 2 |
| Deficiency Rate: | | | | 50.00 % |

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Kepner Farm Supply LLC - 429 Maple Lane Muncy PA 17756 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| E201400052 | K2O | 20.00 % | 17.62 % | F |
| E201400400 | TCV | 100.00 % | 95.78 % | F |
| E201400664 | K2O | 10.00 % | 8.47 % | F |
| Total Samples Failed: | | | | 3 |
| Total Samples Submitted: | | | | 9 |
| Deficiency Rate: | | | | 33.33 % |

Key State Ag Service - 611 Ridge Rd New Enterprise PA 16664-8526 US

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

Kirby Agri Inc - PO Box 27 Richland PA 17087 US

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

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

| Sample ID | Component Code | Guaranteed | Found | Status |
|------------|----------------|------------|---------|--------|
| E201400088 | Fe | 2.00 % | 1.41 % | F |
| E201400090 | TCV | 100.00 % | 95.20 % | F |
| E201400111 | N | 10.00 % | 8.43 % | F |
| | P2O5 | 10.00 % | 8.08 % | F |
| | TCV | 100.00 % | 85.65 % | F |
| E201400254 | K2O | 10.00 % | 8.94 % | F |
| | TCV | 100.00 % | 93.73 % | F |
| E201400262 | K2O | 15.00 % | 11.32 % | F |
| | TCV | 100.00 % | 92.16 % | F |
| E201400284 | K2O | 10.00 % | 8.34 % | F |
| E201400385 | K2O | 20.00 % | 15.26 % | F |
| | TCV | 100.00 % | 94.62 % | F |
| E201400386 | K2O | 10.00 % | 8.94 % | F |
| E201400413 | N | 5.00 % | 4.06 % | F |
| | TCV | 100.00 % | 95.32 % | F |
| E201400416 | K2O | 4.00 % | 3.43 % | F |
| | TCV | 100.00 % | 95.10 % | F |
| E201400417 | K2O | 8.00 % | 6.68 % | F |
| | TCV | 100.00 % | 89.80 % | F |
| E201400418 | N | 19.00 % | 16.64 % | F |
| E201400420 | TCV | 100.00 % | 95.82 % | F |
| E201400447 | K2O | 11.00 % | 7.77 % | F |
| E201400456 | N | 15.00 % | 13.12 % | F |

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

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| | TCV | 100.00 % | 95.99 % | F |
| E201400458 | P2O5 | 18.00 % | 15.27 % | F |
| E201400559 | N | 10.00 % | 8.68 % | F |
| | K2O | 10.00 % | 7.15 % | F |
| | TCV | 100.00 % | 84.36 % | F |
| E201400576 | K2O | 10.00 % | 8.72 % | F |
| | TCV | 100.00 % | 95.98 % | F |
| E201400716 | N | 18.00 % | 15.70 % | F |
| E201400720 | N | 15.00 % | 13.06 % | F |
| E201400729 | N | 12.00 % | 10.48 % | F |
| | P2O5 | 24.00 % | 19.14 % | F |
| | TCV | 100.00 % | 85.57 % | F |
| E201400731 | Ca | 12.00 % | 10.73 % | F |
| E201400739 | TCV | 100.00 % | 91.41 % | F |
| | N | 10.00 % | 7.19 % | F |
| E201400740 | N | 20.00 % | 15.36 % | F |
| | TCV | 100.00 % | 88.94 % | F |
| E201400787 | N | 16.00 % | 12.34 % | F |
| | TCV | 100.00 % | 77.12 % | F |
| E201400788 | N | 19.00 % | 15.06 % | F |
| | K2O | 5.00 % | 4.20 % | F |
| | TCV | 100.00 % | 80.07 % | F |
| Total Samples Failed: | | | | 26 |
| Total Samples Submitted: | | | | 79 |
| Deficiency Rate: | | | | 32.91 % |

Knox Fertilizer Company Inc - Po Box 248 Knox IN 46534 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| E201400009 | K2O | 16.00 % | 13.71 % | F |
| E201400454 | N | 24.00 % | 18.78 % | F |
| Total Samples Failed: | | | | 2 |
| Total Samples Submitted: | | | | 5 |
| Deficiency Rate: | | | | 40.00 % |

Koch Agronomic Services LLC - 4111 E 37Th St N Wichita KS 67220 US

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

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Date Range: 7/1/2014 to 6/30/2015

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

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

Lakeview Fertilizer Inc - 4870 Sandy Lake Greenville Rd Sandy Lake PA 16145-2032 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| E201400493 | N | 28.00 % | 25.30 % | F |
| Total Samples Failed: | | | | 1 |
| Total Samples Submitted: | | | | 3 |
| Deficiency Rate: | | | | 33.33 % |

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

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| E201400016 | N | 5.00 % | 4.49 % | F |
| | P2O5 | 10.00 % | 8.23 % | F |
| | TCV | 100.00 % | 95.53 % | F |
| E201400170 | K2O | 20.00 % | 16.19 % | F |
| E201400694 | P2O5 | 18.00 % | 15.60 % | F |
| Total Samples Failed: | | | | 3 |
| Total Samples Submitted: | | | | 17 |
| Deficiency Rate: | | | | 17.65 % |

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

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

Lilly Miller Brands - 1340 Treat Blvd Ste 650 Suite 650 Walnut Creek CA 94597-2136 US

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

Little Britain Ag Supply, Inc - 398 Little Britain Rd N Quarryville PA 17566-9644 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| E201400823 | K2O | 53.00 % | 49.03 % | F |
| | TCV | 100.00 % | 92.51 % | F |
| Total Samples Failed: | | | | 1 |
| Total Samples Submitted: | | | | 2 |
| Deficiency Rate: | | | | 50.00 % |

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Loveland Products Inc - Po Box 1286 Greeley CO 80632-1286 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| E201400590 | P2O5 | 14.00 % | 10.86 % | F |
| | K2O | 14.00 % | 12.21 % | F |
| | TCV | 100.00 % | 89.61 % | F |
| E201400591 | Fe | 1.00 % | 0.36 % | F |
| | Mn | 0.50 % | 0.20 % | F |
| Total Samples Failed: | | | | 2 |
| Total Samples Submitted: | | | | 5 |
| Deficiency Rate: | | | | 40.00 % |

LRS Amalgamated, LLC - 448 Ignacio Blvd #109 Novato CA 94949 US

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

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

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

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

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| E201400032 | TCV | 100.00 % | 94.96 % | F |
| E201400318 | P2O5 | 15.00 % | 13.04 % | F |
| | TCV | 100.00 % | 96.96 % | F |
| E201400373 | K2O | 10.00 % | 8.63 % | F |
| | TCV | 100.00 % | 94.20 % | F |
| E201400379 | P2O5 | 10.00 % | 8.88 % | F |
| | K2O | 10.00 % | 8.96 % | F |
| Total Samples Failed: | | | | 4 |
| Total Samples Submitted: | | | | 26 |
| Deficiency Rate: | | | | 15.38 % |

Meherrin Industries - PO Box 310 4136 Severn Road Severn NC 27877 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|------------|----------------|------------|---------|--------|
| E201400044 | TCV | 100.00 % | 93.71 % | F |
| E201400516 | N | 12.00 % | 10.41 % | F |
| | K2O | 12.00 % | 8.98 % | F |
| | TCV | 100.00 % | 85.79 % | F |
| E201400517 | P2O5 | 10.00 % | 8.67 % | F |
| | K2O | 10.00 % | 8.80 % | F |

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Meherrin Industries - PO Box 310 4136 Severn Road Severn NC 27877 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| | TCV | 100.00 % | 88.88 % | F |
| Total Samples Failed: | | | | 3 |
| Total Samples Submitted: | | | | 5 |
| Deficiency Rate: | | | | 60.00 % |

Mifflinburg Farmers Exchange Inc - 660 Mulberry Street PO Box 26 Mifflinburg PA 17844 US

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

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

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

Miracle Gro Lawn Products Inc/dba Scotts - 14111 Scottslawn Road Marysville OH 43041 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|--------|----------------|
| E201400560 | P2O5 | 4.00 % | 3.31 % | F |
| Total Samples Failed: | | | | 1 |
| Total Samples Submitted: | | | | 8 |
| Deficiency Rate: | | | | 12.50 % |

Musser Forests Inc - 1880 Route 119 Hwy N Indiana PA 15701-7341 US

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

National Garden Wholesale - 5408 Ne 88Th St Vancouver WA 98665-0989 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|-----------------|
| E201400782 | P2O5 | 13.00 % | 7.46 % | F |
| | TCV | 100.00 % | 57.38 % | F |
| Total Samples Failed: | | | | 1 |
| Total Samples Submitted: | | | | 1 |
| Deficiency Rate: | | | | 100.00 % |

North East Fruit Growers Inc - 2297 Klomp Road North East PA 16428 US

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

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Northampton Farm Bureau - 300 Bushkill St PO Box 400 Tatamy PA 18085 US

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

Nutrients Plus Llc - 2133 Upton Dr Ste 126-509 Virginia Beach VA 23454 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| E201400724 | N | 16.00 % | 14.12 % | F |
| E201400726 | N | 16.00 % | 14.18 % | F |
| | TCV | 100.00 % | 93.45 % | F |
| E201400727 | Fe | 1.00 % | 0.63 % | F |
| Total Samples Failed: | | | | 3 |
| Total Samples Submitted: | | | | 9 |
| Deficiency Rate: | | | | 33.33 % |

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

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|--------|-----------------|
| E201400775 | Fe | 2.50 % | 0.10 % | F |
| Total Samples Failed: | | | | 1 |
| Total Samples Submitted: | | | | 1 |
| Deficiency Rate: | | | | 100.00 % |

Pearl Valley Organix Inc - 968 South Kent Road Pearl City IL 61062 US

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

Perdue AgSolutions, DBA Upper Dauphin Grain - 287 Kocher Ln Elizabethville PA 17023-8771 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| E201400536 | TCV | 100.00 % | 96.01 % | F |
| Total Samples Failed: | | | | 1 |
| Total Samples Submitted: | | | | 5 |
| Deficiency Rate: | | | | 20.00 % |

Plant's Choice - c/o Registrations by Design PO Box 278 West Wareham MA 02576-0278 US

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

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Pro Sol - 1792 Jodie Parker Rd Po Box 1589 Ozark AL 36361 US

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

Purely Organic Products, LLC - 1 New Hampshire Ave, Suite 125 Portsmouth NH 03801 US

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

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

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

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

| Sample ID | Component Code | Guaranteed | Found | Status | |
|-----------|----------------|------------|-------|---------------------------------|---------------|
| | | | | Total Samples Failed: | 0 |
| | | | | Total Samples Submitted: | 6 |
| | | | | Deficiency Rate: | 0.00 % |

Reed & Perrine - Po Box 100 Tennent NJ 07763 US

| Sample ID | Component Code | Guaranteed | Found | Status | |
|------------|----------------|------------|---------|---------------------------------|----------------|
| E201400006 | K2O | 2.00 % | 1.51 % | F | |
| E201400061 | P2O5 | 18.00 % | 15.76 % | F | |
| | K2O | 12.00 % | 7.82 % | F | |
| | TCV | 100.00 % | 84.40 % | F | |
| E201400533 | K2O | 10.00 % | 8.74 % | F | |
| E201400534 | K2O | 10.00 % | 8.71 % | F | |
| E201400580 | K2O | 12.00 % | 10.21 % | F | |
| E201400582 | N | 10.00 % | 8.69 % | F | |
| | K2O | 10.00 % | 7.25 % | F | |
| | TCV | 100.00 % | 87.22 % | F | |
| | | | | Total Samples Failed: | 6 |
| | | | | Total Samples Submitted: | 13 |
| | | | | Deficiency Rate: | 46.15 % |

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

| Sample ID | Component Code | Guaranteed | Found | Status | |
|-----------|----------------|------------|-------|---------------------------------|---------------|
| | | | | Total Samples Failed: | 0 |
| | | | | Total Samples Submitted: | 6 |
| | | | | Deficiency Rate: | 0.00 % |

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Rod McLellan Company - Po Box 70 Independence OR 97351-0070 US

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

RX Green Solutions LLC - 873 Page Street 2nd Floor Manchester NH 03109 US

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

Saltwater Farms - Po Box 307 South Freeport ME 04078-0307 US

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

Sanco Industries, Inc - P.O. Box 11617 1819 S Calhoun St Fort Wayne IN 46859 US

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

Schultz Co. - PO BOX 4406 Bridgeton MO 63044 US

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

Scotts Company,The - 14111 Scottslawn Rd Marysville OH 43041 US

| Sample ID | Component Code | Guaranteed | Found | Status | |
|------------|----------------|------------|--------|---------------------------------|---------------|
| E201400180 | K2O | 4.00 % | 3.58 % | F | |
| | | | | Total Samples Failed: | 1 |
| | | | | Total Samples Submitted: | 15 |
| | | | | Deficiency Rate: | 6.67 % |

Scotts Miracle Gro Products Inc - 14111 Scottslawn Road Marysville OH 43041 US

| Sample ID | Component Code | Guaranteed | Found | Status | |
|-----------|----------------|------------|-------|---------------------------------|---------------|
| | | | | Total Samples Failed: | 0 |
| | | | | Total Samples Submitted: | 10 |
| | | | | Deficiency Rate: | 0.00 % |

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Solu-Cal USA,LTD - P O Box 278 22 Cranberry Highway W Wareham MA 02576 US

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

Southern States Coop Inc - 6606 West Broad Street Richmond VA 23230 US

| Sample ID | Component Code | Guaranteed | Found | Status | |
|------------|----------------|------------|---------|---------------------------------|----------------|
| E201400375 | TCV | 100.00 % | 94.23 % | F | |
| E201400584 | N | 5.00 % | 4.20 % | F | |
| | P2O5 | 10.00 % | 8.91 % | F | |
| | K2O | 10.00 % | 8.36 % | F | |
| | TCV | 100.00 % | 85.95 % | F | |
| | | | | Total Samples Failed: | 2 |
| | | | | Total Samples Submitted: | 3 |
| | | | | Deficiency Rate: | 66.67 % |

SSC Gettysburg Crop Service - 1896 York Road Gettysburg PA 17325 US

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

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

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

Swiss Farms Products Inc%Scotts Co - 3993 Howard Hughes Pky Ste250 Las Vegas NV 89169 US

| Sample ID | Component Code | Guaranteed | Found | Status | |
|-----------|----------------|------------|-------|---------------------------------|---------------|
| | | | | Total Samples Failed: | 0 |
| | | | | Total Samples Submitted: | 10 |
| | | | | Deficiency Rate: | 0.00 % |

Sylvite Sales (USA) - 3221 North Service Rd Suite 200 Burlington ON L7N3G2 CA

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

SynaTek, LP - Attn: Victoria Nash PO Box 179 Avon Lake OH 44012-0179 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|------------|----------------|------------|---------|--------|
| E201400057 | K2O | 6.00 % | 4.78 % | F |
| | TCV | 100.00 % | 86.92 % | F |
| | N | 19.00 % | 16.32 % | F |

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SynaTek, LP - Attn: Victoria Nash PO Box 179 Avon Lake OH 44012-0179 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|--------|----------------|
| E201400352 | K2O | 6.00 % | 5.13 % | F |
| Total Samples Failed: | | | | 2 |
| Total Samples Submitted: | | | | 12 |
| Deficiency Rate: | | | | 16.67 % |

Tainio Technology & Technique Inc - S 12102 Andrus Rd Cheney WA 99004 US

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

The Agronomy Center - 12039 Wm. Penn Highway Thompsett PA 17094 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| E201400327 | N | 10.00 % | 7.98 % | F |
| | K2O | 10.00 % | 8.08 % | F |
| | TCV | 100.00 % | 83.93 % | F |
| Total Samples Failed: | | | | 1 |
| Total Samples Submitted: | | | | 5 |
| Deficiency Rate: | | | | 20.00 % |

Timac Agro Usa Inc - Rt 724 & I76 Po Box 888 Reading PA 19607 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|-------|---------------|
| Total Samples Failed: | | | | 0 |
| Total Samples Submitted: | | | | 17 |
| Deficiency Rate: | | | | 0.00 % |

Tri State Turf Supply - 1544 A Campus Dr Warminster PA 18974-3971 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| E201400024 | Fe | 5.00 % | 3.88 % | F |
| E201400025 | N | 20.00 % | 16.18 % | F |
| | P2O5 | 2.00 % | 1.79 % | F |
| | TCV | 100.00 % | 86.83 % | F |
| Total Samples Failed: | | | | 2 |
| Total Samples Submitted: | | | | 5 |
| Deficiency Rate: | | | | 40.00 % |

Turf Care Supply Corp - 50 Pearl Rd Ste 200 Brunswick OH 44212-5703 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|------------|----------------|------------|---------|--------|
| E201400287 | P2O5 | 3.00 % | 2.47 % | F |
| | TCV | 100.00 % | 93.57 % | F |
| E201400288 | K2O | 6.00 % | 5.36 % | F |
| E201400697 | TCV | 100.00 % | 93.16 % | F |

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Turf Care Supply Corp - 50 Pearl Rd Ste 200 Brunswick OH 44212-5703 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|-----------------|
| | N | 32.00 % | 29.81 % | F |
| Total Samples Failed: | | | | 3 |
| Total Samples Submitted: | | | | 3 |
| Deficiency Rate: | | | | 100.00 % |

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

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| E201400502 | K2O | 10.00 % | 8.65 % | F |
| | TCV | 100.00 % | 94.53 % | F |
| E201400503 | TCV | 100.00 % | 94.97 % | F |
| E201400504 | TCV | 100.00 % | 95.70 % | F |
| | P2O5 | 15.00 % | 13.23 % | F |
| Total Samples Failed: | | | | 3 |
| Total Samples Submitted: | | | | 6 |
| Deficiency Rate: | | | | 50.00 % |

United Compost & Organics Inc - Po Box 787 Arcata CA 95518-0787 US

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

Vogel Seed & Fertilizer - 1891 Spring Valley Road Jackson WI 53037 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| E201400341 | K2O | 5.00 % | 3.81 % | F |
| E201400346 | N | 22.00 % | 19.41 % | F |
| | TCV | 100.00 % | 89.19 % | F |
| Total Samples Failed: | | | | 2 |
| Total Samples Submitted: | | | | 5 |
| Deficiency Rate: | | | | 40.00 % |

Voluntary Purchasing Groups - 230 Fm 87 Bonham TX 75418-8629 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| E201400228 | TCV | 100.00 % | 93.46 % | F |
| E201400231 | N | 7.00 % | 5.18 % | F |
| | P2O5 | 8.00 % | 6.78 % | F |
| | TCV | 100.00 % | 83.23 % | F |
| E201400234 | P2O5 | 10.00 % | 8.65 % | F |
| | TCV | 100.00 % | 91.29 % | F |
| E201400453 | TCV | 100.00 % | 96.01 % | F |
| Total Samples Failed: | | | | 4 |
| Total Samples Submitted: | | | | 8 |
| Deficiency Rate: | | | | 50.00 % |

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W Atlee Burpee Co - 300 Park Ave Warminster PA 18974 US

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

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

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| E201400569 | TCV | 100.00 % | 83.33 % | F |
| | N | 10.00 % | 8.08 % | F |
| | P2O5 | 10.00 % | 7.46 % | F |
| E201400640 | N | 10.00 % | 8.56 % | F |
| | P2O5 | 20.00 % | 17.34 % | F |
| | TCV | 100.00 % | 88.17 % | F |
| Total Samples Failed: | | | | 2 |
| Total Samples Submitted: | | | | 18 |
| Deficiency Rate: | | | | 11.11 % |

Western Reserve Farm Cooperative Inc - 2260 Church St Mill Village PA 16427 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| E201400632 | N | 29.00 % | 24.12 % | F |
| E201400634 | K2O | 19.00 % | 15.16 % | F |
| | TCV | 100.00 % | 85.48 % | F |
| | N | 19.00 % | 16.10 % | F |
| Total Samples Failed: | | | | 2 |
| Total Samples Submitted: | | | | 4 |
| Deficiency Rate: | | | | 50.00 % |

Western Reserve Farm Cooperative Inc - 225 E Main Street PO Box 1030 Andover OH 44003 US

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| E201400405 | P2O5 | 19.00 % | 15.43 % | F |
| E201400629 | P2O5 | 26.00 % | 23.62 % | F |
| E201400749 | K2O | 20.00 % | 17.75 % | F |
| Total Samples Failed: | | | | 3 |
| Total Samples Submitted: | | | | 22 |
| Deficiency Rate: | | | | 13.64 % |

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

| Sample ID | Component Code | Guaranteed | Found | Status |
|------------|----------------|------------|---------|--------|
| E201400002 | P2O5 | 10.00 % | 8.75 % | F |
| | K2O | 10.00 % | 8.55 % | F |
| | TCV | 100.00 % | 89.68 % | F |
| E201400166 | P2O5 | 10.00 % | 8.34 % | F |
| | K2O | 10.00 % | 8.97 % | F |
| | TCV | 100.00 % | 90.97 % | F |
| E201400167 | K2O | 4.00 % | 3.19 % | F |

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

| Sample ID | Component Code | Guaranteed | Found | Status |
|---------------------------------|----------------|------------|---------|----------------|
| | TCV | 100.00 % | 91.91 % | F |
| E201400169 | K2O | 6.00 % | 4.92 % | F |
| | TCV | 100.00 % | 96.75 % | F |
| E201400208 | P2O5 | 10.00 % | 7.80 % | F |
| | K2O | 10.00 % | 7.45 % | F |
| | TCV | 100.00 % | 82.96 % | F |
| E201400696 | TCV | 100.00 % | 95.62 % | F |
| E201400763 | P2O5 | 6.00 % | 4.44 % | F |
| | K2O | 16.00 % | 13.44 % | F |
| | TCV | 100.00 % | 96.51 % | F |
| E201400764 | P2O5 | 10.00 % | 8.25 % | F |
| | K2O | 10.00 % | 5.86 % | F |
| | TCV | 100.00 % | 79.51 % | F |
| E201400789 | K2O | 5.00 % | 4.32 % | F |
| Total Samples Failed: | | | | 9 |
| Total Samples Submitted: | | | | 14 |
| Deficiency Rate: | | | | 64.29 % |

Yara North America Inc - 100 N Tampa St Ste 3200 Tampa FL 33602-5830 US

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

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

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