

Grower: Farmer 1 Farm/Field: North 80 Operation: Soil Sampling

| | Date Created | Avg. Soil pH | Avg. Soil P1 Lbs./Ac. | Avg. K20 Lbs./Ac. | Avg. Soil OM % | Avg. Soil CEC meq/100g | Avg. Ca Lbs./Ac. | Avg. Soil % CA | Avg. Soil % K | Avg. Soil % MG |
|-------------|--------------|--------------|-----------------------|-------------------|----------------|------------------------|------------------|----------------|---------------|----------------|
| 2010 | 11/17/2010 | 6.4 (1) | 70.2 | 476.3 | 3.30 | 20.6 | 4882.9 | 59.10 | 3.00 | 25.10 |
| 2014 | 10/20/2014 | 6.3 (1) | 57.1 | 388.1 | 5.50 | 22.5 | 5867.5 | 65.20 | 2.30 | 25.00 |

Grower: Farmer 1 Farm/Field: H Trust Operation: Soil Sampling

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|-------------|--------------|--------------|-----------------------|-------------------|----------------|------------------------|------------------|----------------|---------------|----------------|
| 2010 | 11/5/2010 | 6.7 (1) | 48.5 | 269.9 | 3.90 | 17.5 | 0 | 65.3 | 2.30 | 21.50 |
| 2014 | 10/27/2014 | 6.3 (1) | 84.6 | 393.4 | 6.30 | 21.8 | 5773.9 | 65.30 | 2.50 | 17.70 |

Grower: Farmer 2 Farm/Field: VMG East Operation: Soil Sampling

| | Date Created | Avg. Soil pH | Avg. Soil P1 Lbs./Ac. | Avg. K20 Lbs./Ac. | Avg. Soil OM % | Avg. Soil CEC meq/100g | Avg. Ca Lbs./Ac. | Avg. Soil % CA | Avg. Soil % K | Avg. Soil % MG |
|-------------|--------------|--------------|-----------------------|-------------------|----------------|------------------------|------------------|----------------|---------------|----------------|
| 2010 | 11/9/2010 | 6.6 (1) | 74 | 324.5 | 3.30 | 14.6 | 3716.5 | 64.50 | 3.20 | 23.40 |
| 2014 | 10/15/2014 | 6.5 (1) | 89.3 | 290.4 | 6.00 | 13.9 | 3816.6 | 69.10 | 2.90 | 22.90 |

Grower: Farmer 3 Farm/Field: M Farm South Operation: Soil Sampling

| | Date Created | Avg. Soil pH | Avg. Soil P1 Lbs./Ac. | Avg. K20 Lbs./Ac. | Avg. Soil OM % | Avg. Soil CEC meq/100g | Avg. Ca Lbs./Ac. | Avg. % | Soil CA | Avg. Soil % K | Avg. Soil % MG |
|-------------|--------------|--------------|-----------------------|-------------------|----------------|------------------------|------------------|--------|---------|---------------|----------------|
| 2010 | 11/10/2010 | 6.0 (1) | 122.5 | 339.8 | 3.80 | 8.9 | 2152.8 | 55.00 | 6.20 | 17.60 | |
| 2014 | 10/15/2014 | 6.5 (1) | 122.1 | 281.4 | 2.90 | 9 | 2306.9 | 60.10 | 5.40 | 21.20 | |

Grower: Farmer 3 Farm/Field: M Farm North Operation: Soil Sampling

| | Date Created | Avg. Soil pH | Avg. Soil P1 Lbs./Ac. | Avg. K20 Lbs./Ac. | Avg. Soil OM % | Avg. Soil CEC meq/100g | Avg. Ca Lbs./Ac. | Avg. % | Soil CA | Avg. Soil % K | Avg. Soil % MG |
|-------------|--------------|--------------|-----------------------|-------------------|----------------|------------------------|------------------|--------|---------|---------------|----------------|
| 2010 | 11/10/2010 | 6.3 (1) | 99.1 | 314.6 | 3.00 | 7.6 | 2075.8 | 60.50 | 7.30 | 17.10 | |
| 2014 | 10/15/2014 | 6.3 (1) | 104.5 | 254 | 2.20 | 9.1 | 1967.4 | 49.40 | 4.70 | 15.40 | |

Grower: Farmer 4 Farm/Field: Z Farm South Operation: Soil Sampling

| | Date Created | Avg. Soil pH | Avg. Soil P1 Lbs./Ac. | Avg. K20 Lbs./Ac. | Avg. Soil OM % | Avg. Soil CEC meq/100g | Avg. Ca Lbs./Ac. | Avg. % | Soil CA | Avg. Soil % K | Avg. Soil % MG |
|-------------|--------------|--------------|-----------------------|-------------------|----------------|------------------------|------------------|--------|---------|---------------|----------------|
| 2010 | 11/16/2010 | 6.2 (1) | 47.6 | 326.9 | 3.5 | 20.6 | 5324.8 | 64.6 | 2 | 18.2 | |
| 2014 | 10/14/2014 | 6.4 (1) | 44.9 | 384.8 | 5.30 | 18.7 | 5140.8 | 68.70 | 2.70 | 18.80 | |

Summary: Six different farms, six different locations, shows increase over five year span resulting in high fertility levels lowered. OM and CEC's were increased. Calcium was liberated. Magnesium levels were lowered. 7/15