

**To:** **Report No:** 17-303-0200  
**Cust No:**

**Re:**

**Attn:**  
**Sample ID:** 246101  
**Plant Type:** Corn  
**Growth Stage:** Harvest

**Field ID:**  
**Yield :** 200 bu  
**Plant Part :** Shelled Grain

**Purchase Order:**  
**Lab Number:** 062528  
**Date Received:** 10/30/2017  
**Date Reported:** 11/3/2017

## CROP NUTRIENT REMOVAL REPORT

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| Parameter     | Analysis Result<br>(dry basis) | Crop Nutrient Removal*                 |  |                                       |                                       |
|---------------|--------------------------------|--|--|---------------------------------------|---------------------------------------|
|               |                                | Lbs per Bu                             |  | Lbs per 200 Bu                        |                                       |
|               |                                | This Sample                            | Reference**                            | This Sample                           | Reference**                           |
| Nitrogen, N   | 1.87 %                         | 0.885                                  | 0.800                                  | 177.0                                 | 160.0                                 |
| Phosphorus, P | 0.35 %                         | 0.379 (P <sub>2</sub> O <sub>5</sub> ) | 0.400 (P <sub>2</sub> O <sub>5</sub> ) | 75.9 (P <sub>2</sub> O <sub>5</sub> ) | 80.0 (P <sub>2</sub> O <sub>5</sub> ) |
| Potassium, K  | 0.65 %                         | 0.369 (K <sub>2</sub> O)               | 0.290 (K <sub>2</sub> O)               | 73.8 (K <sub>2</sub> O)               | 58.0 (K <sub>2</sub> O)               |
| Calcium, Ca   | 0.1 %                          | 0.047                                  | 0.030                                  | 9.5                                   | 6.0                                   |
| Magnesium, Mg | 0.13 %                         | 0.062                                  | 0.060                                  | 12.3                                  | 12.0                                  |
| Sulfur, S     | 0.15 %                         | 0.071                                  | 0.070                                  | 14.2                                  | 14.0                                  |
| Sodium, Na    | 0.01 %                         | 0.005                                  | ***                                    | 0.9                                   | ***                                   |
| Boron, B      | 10.43 ppm                      | 0.00049                                | 0.00009                                | 0.099                                 | 0.018                                 |
| Zinc, Zn      | 24.51 ppm                      | 0.00116                                | 0.00083                                | 0.232                                 | 0.166                                 |
| Manganese, Mn | 11.63 ppm                      | 0.00055                                | 0.00050                                | 0.110                                 | 0.100                                 |
| Iron, Fe      | 91.73 ppm                      | 0.00434                                | 0.00083                                | 0.868                                 | 0.166                                 |
| Copper, Cu    | 12.92 ppm                      | 0.00061                                | 0.00005                                | 0.122                                 | 0.010                                 |
| Aluminum, Al  | 23.94 ppm                      | 0.00113                                | ***                                    | 0.227                                 | ***                                   |

\* Adjusted to standard Yield weight ( 56 lb ) and 15.5% moisture.

\*\* Information from current publications. Management decisions should be based on trends and not individual samples.

\*\*\* Reference information not available for this crop .

**Comments :**