



Fertilizer Analysis Report

Project: Pellets/DCM

Date Received: 9/3/2019

Date Reported: 9/5/2019

PO Number: 212125

Lab Number: 929952-2

Sample ID: Lot #FC24519IM2

Description: 09/02/19

Fertilizer N-P-K

| Test | Method | Result | Units | Levels |
|---|--------------|--------|-------|--------|
| Total Nitrogen, N | AOAC 993.13 | 4.6 | % | |
| Phosphorus, P ₂ O ₅ | AOAC 2015.18 | 4.4 | % | |
| Potassium, K ₂ O | AOAC 2015.18 | 2.7 | % | |

| Test | Method | Result | Units | Levels |
|---------------------------------|-----------------|--------|-------|--------|
| pH - Saturated Paste | Saturated Paste | 6.5 | SU | |
| Soluble Salts | Saturated Paste | 10,000 | ppm | |
| Nitrate-N, NO ₃ -N | Cd-Reduction | 21 | ppm | |
| Phosphate-P, PO ₄ -P | Olsen | 870 | ppm | |
| Calcium, Ca | AOAC 965.09ICP | 11 | % | |
| Magnesium, Mg | AOAC 965.09ICP | 0.84 | % | |
| Sodium, Na | AOAC 965.09ICP | 0.55 | % | |
| Sulfur, S | AOAC 965.09ICP | 0.49 | % | |
| Boron, B | AOAC 982.01ICP | 28 | ppm | |
| Copper, Cu | AOAC 965.09ICP | 36 | ppm | |
| Iron, Fe | AOAC 965.09ICP | 510 | ppm | |
| Manganese, Mn | AOAC 965.09ICP | 300 | ppm | |
| Nickel, Ni | AOAC 965.09ICP | 5.5 | ppm | |
| Zinc, Zn | AOAC 965.09ICP | 310 | ppm | |
| Arsenic, As | 3050B/6020A | 0.90 | ppm | |
| Cadmium, Cd | 3050B/6020A | 0.21 | ppm | |
| Chromium, Cr | 3050B/6020A | 4.7 | ppm | |
| Lead, Pb | 3050B/6020A | 9.4 | ppm | |
| Mercury, Hg | 3050B/6020A | <0.10 | ppm | |
| Selenium, Se | 3050B/6020A | 1.3 | ppm | |