

| Analysis                   | Units | n  | Plant 2004-207 |       | Plant 2004-208 |       | Plant 2004-209 |       |
|----------------------------|-------|----|----------------|-------|----------------|-------|----------------|-------|
|                            |       |    | Median         | MAD   | Median         | MAD   | Median         | MAD   |
|                            |       |    | Lab            |       | Lab            | Lab   |                | Lab   |
| Dry Matter                 | %     | 30 | 93.8           | 0.87  | 93.7           | 0.98  | 92.5           | 0.70  |
| NO <sub>3</sub> - N Cd Rd. | mg/kg | 36 | 6242           | 623   | 71             | 25    | 886            | 59    |
| NO <sub>3</sub> - N ISE    | mg/kg | 12 | 7128           | 360   | 299            | 145   | 1105           | 69    |
| NO <sub>3</sub> - N Other  | mg/kg | 4  | 3925           | 2985  | 177            | 23    | 995            | 520   |
| PO <sub>4</sub> - P        | mg/kg | 18 | 1095           | 715   | 1345           | 155   | 2590           | 79    |
| SO <sub>4</sub> - S        | mg/kg | 2  | 1998           | 308   | 1796           | 146   | 8028           | 7873  |
| Cl                         | %     | 22 | 2.06           | 0.13  | 0.46           | 0.05  | 0.41           | 0.05  |
| TKN                        | %     | 28 | 2.19           | 0.215 | 2.70           | 0.12  | 0.91           | 0.05  |
| N-Dry Comb.                | %     | 63 | 2.60           | 0.063 | 2.77           | 0.07  | 0.97           | 0.040 |
| S-Dry Comb.                | %     | 13 | 0.320          | 0.032 | 0.260          | 0.045 | 0.140          | 0.020 |
| Nitric / Perchloric Digest |       |    |                |       |                |       |                |       |
| P                          | %     | 44 | 0.196          | 0.007 | 0.228          | 0.008 | 0.330          | 0.010 |
| K                          | %     | 43 | 5.53           | 0.17  | 1.31           | 0.05  | 2.40           | 0.07  |
| Ca                         | %     | 43 | 1.37           | 0.05  | 1.66           | 0.06  | 1.66           | 0.06  |
| Mg                         | %     | 43 | 0.58           | 0.020 | 0.24           | 0.01  | 0.70           | 0.03  |
| S                          | %     | 39 | 0.34           | 0.020 | 0.27           | 0.014 | 0.16           | 0.006 |
| Na                         | %     | 34 | 0.020          | 0.008 | 0.016          | 0.006 | 0.120          | 0.010 |
| Al                         | mg/kg | 18 | 453            | 85    | 54.6           | 14.5  | 68.7           | 75    |
| B                          | mg/kg | 30 | 24.7           | 2.8   | 21.3           | 2.3   | 43.0           | 3.2   |
| Zn                         | mg/kg | 41 | 60.0           | 4.0   | 24.2           | 1.8   | 75.9           | 3.1   |
| Mn                         | mg/kg | 40 | 318            | 18.1  | 18.0           | 1.0   | 102            | 5.7   |
| Fe                         | mg/kg | 39 | 560            | 63    | 109            | 7.6   | 66.7           | 6.7   |
| Cu                         | mg/kg | 40 | 60.0           | 2.5   | 8.0            | 1.0   | 19.0           | 1.00  |
| Mo                         | mg/kg | 8  | 1.02           | 0.56  | 0.95           | 0.25  | 0.94           | 0.17  |

1 - Values flagged exceed Warning Limits \*\* 2.5 x MAD (Median Absolute Deviation) and Control Limits \*\*\* 4 x MAD. "-" and "ND" values not recorded.



| Plant Analysis      | Units | Plant 2004-207 |       | Plant 2004-208 |        | Plant 2004-209 |       |       |
|---------------------|-------|----------------|-------|----------------|--------|----------------|-------|-------|
|                     |       | Median         | MAD   | Lab            | Median | MAD            | Lab   |       |
| Dry Ash             |       |                |       |                |        |                |       |       |
| P                   | %     | 29             | 0.190 | 0.007          | 0.220  | 0.010          | 0.320 | 0.011 |
| K                   | %     | 30             | 5.30  | 0.24           | 1.25   | 0.05           | 2.36  | 0.09  |
| Ca                  | %     | 30             | 1.35  | 0.05           | 1.68   | 0.09           | 1.65  | 0.06  |
| Mg                  | %     | 30             | 0.57  | 0.025          | 0.23   | 0.01           | 0.67  | 0.03  |
| Na                  | %     | 28             | 0.027 | 0.007          | 0.017  | 0.004          | 0.119 | 0.009 |
| Al                  | mg/kg | 13             | 530   | 88.1           | 50.0   | 10.1           | 62.2  | 12    |
| B                   | mg/kg | 31             | 24.0  | 1.3            | 20.6   | 1.2            | 43.0  | 2.6   |
| Zn                  | mg/kg | 30             | 56.0  | 2.5            | 23.0   | 1.6            | 75.0  | 3.3   |
| Mn                  | mg/kg | 30             | 293   | 17.2           | 16.8   | 1.2            | 101   | 4.3   |
| Fe                  | mg/kg | 30             | 423   | 71.0           | 95     | 9.9            | 55.0  | 7.0   |
| Cu                  | mg/kg | 30             | 56.2  | 2.30           | 7.5    | 0.72           | 18.3  | 1.13  |
| Mo                  | mg/kg | 8              | 0.80  | 0.31           | 1.06   | 0.23           | 0.65  | 0.25  |
| Microwave Digestion |       |                |       |                |        |                |       |       |
| P                   | %     | 17             | 0.200 | 0.095          | 0.230  | 0.010          | 0.340 | 0.011 |
| K                   | %     | 17             | 5.44  | 0.11           | 1.34   | 0.04           | 2.39  | 0.09  |
| Ca                  | %     | 17             | 1.37  | 0.17           | 1.64   | 0.07           | 1.63  | 0.07  |
| Mg                  | %     | 17             | 0.59  | 0.03           | 0.23   | 0.01           | 0.69  | 0.04  |
| S                   | %     | 17             | 0.34  | 0.020          | 0.27   | 0.019          | 0.15  | 0.009 |
| Na                  | %     | 16             | 0.016 | 0.006          | 0.011  | 0.001          | 0.118 | 0.018 |
| Al                  | mg/kg | 15             | 511   | 152            | 68.3   | 22.7           | 65.5  | 16.2  |
| B                   | mg/kg | 17             | 24.1  | 2.7            | 20.7   | 2.3            | 42.5  | 3.8   |
| Zn                  | mg/kg | 17             | 59.1  | 1.1            | 24.5   | 1.6            | 74.8  | 4.0   |
| Mn                  | mg/kg | 17             | 321   | 16.3           | 17.8   | 1.8            | 103   | 5.5   |
| Fe                  | mg/kg | 17             | 560   | 89             | 108    | 7.9            | 66.1  | 4.9   |
| Cu                  | mg/kg | 17             | 59.2  | 3.1            | 7.6    | 0.59           | 19.8  | 1.4   |
| Mo                  | mg/kg | 4              | 0.81  | 0.04           | 0.87   | 0.17           | 0.38  | 0.13  |

1 - Values flagged exceed Warning Limits \*\* 2.5 x MAD (Median Absolute Deviation) and Control Limits \*\*\* 4 x MAD. <sup>N</sup> values not recorded.