

# TOMATO SOIL ANALYSIS

| Test Description                         | Result | Units    | Optimum Range | Graphical Results Presentation |                   |              |                     |                   |
|--|--------|----------|---------------|--------------------------------|-------------------|--------------|---------------------|-------------------|
| Primary Nutrients                        |        |          |               | Very Low                       | Moderately Low    | Optimum      | Moderately High     | Very High         |
| Nitrate-Nitrogen                         | 324    | Lbs/AF   | 510 - 590     | <div></div>                    |                   |              |                     |                   |
| Phosphorus-P <sub>2</sub> O <sub>5</sub> | 2450   | Lbs/AF   | 420 - 510     | <div></div>                    | <div></div>       | <div></div>  | <div></div>         | <div></div>       |
| Potassium-K <sub>2</sub> O (Exch)        | 8620   | Lbs/AF   | 730 - 4400    | <div></div>                    | <div></div>       | <div></div>  | <div></div>         | <div></div>       |
| Potassium-K <sub>2</sub> O (Sol)         | 1390   | Lbs/AF   | 750 - 1100    | <div></div>                    | <div></div>       | <div></div>  | 58%                 |                   |
| Secondary Nutrients                      |        |          |               |                                |                   |              |                     |                   |
| Calcium (Exch)                           | 20000  | Lbs/AF   | 19000 - 25000 | <div></div>                    |                   |              |                     |                   |
| Calcium (Sol)                            | 188    | Lbs/AF   | 1400 - 1900   | <div>19%</div>                 |                   |              |                     |                   |
| Magnesium (Exch)                         | 4360   | Lbs/AF   | 1900 - 3800   | <div></div>                    | <div></div>       | <div></div>  |                     |                   |
| Magnesium (Sol)                          | 65.6   | Lbs/AF   | 580 - 720     | <div>11%</div>                 |                   |              |                     |                   |
| Sodium (Exch)                            | 380    | Lbs/AF   | 0.0 - 1800    | <div></div>                    | <div></div>       |              |                     |                   |
| Sodium (Sol)                             | 140    | Lbs/AF   | 0.0 - 760     | <div></div>                    | <div></div>       | 12%          |                     |                   |
| Sulfate                                  | 267    | Lbs/AF   | 1700 - 5500   | <div></div>                    |                   |              |                     |                   |
| Micro Nutrients                          |        |          |               |                                |                   |              |                     |                   |
| Zinc                                     | 94.4   | Lbs/AF   | 35 - 200      | <div></div>                    | <div></div>       |              |                     |                   |
| Manganese                                | 106    | Lbs/AF   | 71 - 320      | <div></div>                    | <div></div>       |              |                     |                   |
| Iron                                     | 283    | Lbs/AF   | 340 - 600     | <div></div>                    |                   |              |                     |                   |
| Copper                                   | 15.0   | Lbs/AF   | 10 - 180      | <div></div>                    | <div></div>       |              |                     |                   |
| Boron                                    | 1.56   | Lbs/AF   | 5.9 - 11      | <div></div>                    |                   |              |                     |                   |
| Chloride                                 | 133    | Lbs/AF   | 180 - 1000    | <div></div>                    |                   |              |                     |                   |
| CEC                                      | 38.9   | meq/100g | 14 - 35       | <div></div>                    | <div></div>       | <div></div>  |                     |                   |
| % Base Saturation                        |        |          |               |                                |                   |              |                     |                   |
| CEC - Calcium                            | 64.0   | %        | 60 - 80       | <div></div>                    | <div></div>       |              |                     |                   |
| CEC - Magnesium                          | 23.0   | %        | 10 - 20       | <div></div>                    | <div></div>       | <div></div>  |                     |                   |
| CEC - Potassium                          | 11.8   | %        | 1.0 - 6.0     | <div></div>                    | <div></div>       | <div></div>  | <div></div>         | <div></div>       |
| CEC - Sodium                             | 1.07   | %        | 0.0 - 5.0     | <div></div>                    | <div></div>       |              |                     |                   |
| CEC - Hydrogen                           | < 1.00 | %        | 0.0 - 3.0     | <div></div>                    | <div></div>       |              |                     |                   |
|  |        |          |               | Strongly Acidic                | Moderately Acidic | Near Neutral | Moderately Alkaline | Strongly Alkaline |
| pH                                       | 7.61   | ---      | 6.5 - 7.5     | <div></div>                    | <div></div>       | <div></div>  |                     |                   |