

Client: Mr Farmer

Field: F 14041

Crop: Carrot Seed

| Year | Y5       | Y4       | Y3       | Y2       | Y1      |
|------|----------|----------|----------|----------|---------|
| Date | 27.12.19 | 02.05.19 | 09.05.18 | 29.08.17 | 6.04.16 |
|      | 11.43    | 12.75    | 15.00    | 12.37    | 10.88   |
|      | 6.29     | 5.44     | 5.76     | 6.10     | 6.10    |
|      | 3.80     | 3.03     | 2.86     | 3.00     | 3.00    |

| Before K     | Before k |
|--------------|----------|
| Displacement |          |
| 3513         | 63.23    |
| 356          | 10.71    |
| 276          | 2.55     |
| 76           | 1.20     |

## Anions

|     |     |     |     |     |             |   |
|-----|-----|-----|-----|-----|-------------|---|
| 99  | 90  | 86  | 90  | 90  | Nitrogen    | Derives from organic matter               |
| 17  | 36  | 15  | 4   | 12  | Sulfate - S | Desired Value 50ppm                       |
| 652 | 647 | 620 | 541 | 437 | Phosphates  | Desired Value 840kg/ha                    |
|     |     |     |     |     | P1 OR OLSEN | Desired from pH of 7.6 or higher 224kg/ha |

## Base Saturation Percent

| Current Year | Desired / Found Value |
|--------------|-----------------------|
| 68.57        | 3484                  |
| 11.61        | 369                   |
| 2.76         | 500                   |
| 1.30         | 76                    |
| 5.11         |                       |
| 10.65        |                       |

## Traces

|        |        |        |        |        |                  |            |
|--------|--------|--------|--------|--------|------------------|------------|
|        |        |        |        |        | E C dS/M         | 1.79       |
|        |        |        |        |        | Chlorides p.p.m. | 120 to 249 |
| 1.10   | 0.98   | 1.21   | 1.55   | 1.04   | Boron p.p.m.     | 1.5        |
| 376.62 | 405.91 | 459.34 | 386.67 | 411.00 | Iron p.p.m.      | 200 - 300  |
| 48.44  | 48.19  | 50.43  | 54.74  | 50.00  | Manganese p.p.m. | 100 - 200  |
| 2.03   | 2.19   | 1.51   | 0.88   | 0.94   | Copper p.p.m.    | 5          |
| 5.93   | 7.56   | 6.09   | 4.16   | 4.10   | Zinc p.p.m.      | 10 - 19.5  |
|        | 0.24   | 0.39   | 0.25   | 0.18   | Cobalt p.p.m.    | 1-2        |
|        |        | 1.33   | 1.02   | 0.92   | Molybdenum p.p.m | 1-2        |

## Fert History

|  |        |  |        |        |  |          |
|--|--------|--|--------|--------|--|----------|
|  | Sep-19 |  | Oct-17 | Jul-16 |  |          |
|  | 1300   |  | 600    | 550    |  | Dolomite |
|  | 450    |  | 300    |        |  | Lime     |
|  |        |  |        | 600    |  | Mag 2000 |

## SOIL AMENDMENTS FOR THE YEAR

| Cost of Product | Cost   |
|-----------------|--|
| 450             | Potassium Chloride 0-0 50 \$ 0.66 \$297.00     |
| 150             | 90 Sulfur 90% Kg/ha \$ 0.605 \$90.75           |
| 20              | Boron Granubor 15% Kg/ha \$ 2.000 \$40.00      |
| 39              | Zinc Sulfate 36% Kg/ha \$ 2.520 \$98.28        |
| 20              | Copper Sulfate 25% Kg/ha \$ 5.730 \$114.60     |
| 100             | Manganese Sulphate 28% Kg/ha \$ 1.730 \$173.00 |
| 150             | 18-20-0 DAP Kg/ha \$ 0.788 \$118.20            |

Cost per ha. \$931.83

Soil Amendments to be applied in this order.

- Notes:**
1. Apply the amendments in the above order. When you have spent your budget STOP.
  2. If you haven't applied ant Se you need to apply some.

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All soil testing is done by PERRY AGRICULTURAL LABORATORY,INC.