*Kinsey Agricultural Services, Inc.*

## 297 County Highway 357 - Charleston, Missouri 63834

**Batch 1301766**

***(1 samples)***

Phone 573-683-3880 Fax 573-683-6227 Email [Neal@KinseyAg.com](mailto:Neal@KinseyAg.com)

**Client:** NEW MISSION ORGANICS **Rep:** BRIAN TENNIS

**City:** TRAVERSE CITY, MI

# RECOMMENDATION REPORTS INCLUDED IN THIS BATCH

## Plot Id Location Crop Field Sample

G5P9C NEW MISSION HOPS / HOPS 1 1

**PLOT ID:** G5P9C

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Client: NEW MISSION ORGANICS / B. TENNIS City : TRAVERSE CITY, MI Date : 17-May-13

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Location Crop  Field / Sample  Lab No.  Total Exchange Capacity (M.E.)  Desired Ca : Mg, Percent pH of Soil Sample Humus Content, Percent | | NEW MISSION  HOPS / HOPS  1 / 1  E0024  8.45  68 : 12  6.4  2.8 | | | Previous Analyses & Applications | | | | | |
|  | |  | |  | |
|  | |  | |  | |
| BASE SATURATION PERCENT  Calcium (60 to 70%)  Magnesium (10 to 20%) 80%  Potassium (2 to 5%)  Sodium (.5 to 3%) Other Bases (Variable)  EXCHANGEABLE HYDROGEN (10 to 15%) | | 62.84  19.08  2.53  1.54  5.01  9.00 |  | | % | | % | | % | |
|  |  |  |  |  |  |
| **RECOMMENDATIONS** | |
| **A N I O N S** | NITROGEN  Lbs/Acre ENR Value |  | Amendment Lbs/Acre | |  | |  | |  | |
| 76 | **FEATHER MEAL 13-0-0 (a) FEATHER MEAL 13-0-0 (b)** | **400**  **300** |
| SULFATE - S  p.p.m. Value Found | 21 | **SULFUR 90-92% (c)** | **65** |  | |  | |  | |
| PHOSPHATES Desired Value  Olsen Value  as (P2O5) Value Found  Lbs/Acre Deficit/Surplus | 750  256  -494 | **SFT RK PHOSPHATE** | **500** |  | |  | |  | |
| **C A T I O N S** | CALCIUM Desired Value  Lbs/Acre Value Found Deficit/Surplus | 2298  2124  -174 | **PELLETED CA LIME (d)** | **250** | Amend | added | Amend | added | Amend | added |
| (OPTIONAL) |  |  |  |  |  |
| MAGNESIUM Desired Value  Lbs/Acre Value Found Deficit/Surplus | 250  387  +137 |  |  |  |  |  |  |  |  |
| POTASSIUM Desired Value  Lbs/Acre Value Found Deficit/Surplus | 494  167  -327 | **POT SULFATE 0-0-50 (e)** | **500** |  |  |  |  |  |  |
| SODIUM Desired Value  Lbs/Acre Value Found Deficit/Surplus | 39  60  +21 |  |  |  |  |  |  |  |  |
| P.P.M |  | P.P.M |  | P.P.M |  |
| **T R A C E S** | Boron p.p.m.  Iron p.p.m.  Manganese p.p.m.  Copper p.p.m.  Zinc p.p.m. | 0.74  483  81  1.80  10.80 | **BORAX 11%**  **MANG SULF 28%**  **CU SULFATE 23%** | **20**  **20**  **20** | (OPTIONAL) |  |  |  |  |  |
| (Apply a minimum of 5 lbs/acre.) | | |
|  |  |  |
| **N O T E S** | 1. Apply in early spring. 2. Apply at bloom. 3. Sulfur applications including the sulfate form of 50 lbs/acre or more need to be applied at least 6 months prior to next soil sampling. 4. Apply Limestone at this rate only if no lime has been added in the last three years or gypsum in the last one year, if so we need to revise rates accordingly. 5. Apply an additional 200 lbs/acre of Potassium Sulfate (0-0-50) 2 weeks after harvest. | | | | | | | | | |

A service of Kinsey's Agricultural Services : Checked by \_\_\_\_NK

**ALL RECOMMENDATIONS ARE TO BE SOIL-APPLIED AND BROADCAST UNLESS OTHERWISE SPECIFIED**

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