**MCG – Soil Sample Reports / Recommended Amendments**

*Soil Testing done 2013 and 2016 Unable to find an earlier report when garden first opened.*

**North Plots – 62,63,56,81,68**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Year | Ph | Phosphorus -P | Potassium -K | Organic Material |
| 2013 | 6.5 | 48 | 69 | 1.2 |
| 2018 | 7.3 | 100 | 98 | 1.8 |

Recommendations for North Plots

1. pH – high range but in a range for most plants should do well. Adding manure compost and acidic mulches, peat moss will reduce pH over time

**2. No Phosphates should be added. BONE** **MEAL is HIGH IN PHOSPHORUS**

Plots 51,81and 68 have been worked every year since 2010. Potassium values up 42 points from 2013, getting into the sufficient range.

 Plots 62 and 63 have not been worked yearly and should definitely receive a potassium supplement**.**

3. Potassium – amend with either:

* wood ash –one gallon for a full plot – apply over the soil and rake in before planting in the spring
* kelp meal – follow directions on package
* green sand –follow directions on package

**South Plots – 51,30,39,43,26**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Year | Ph | Phosphorus-P | Potassium-K | Organic Material |
| 2013 | 6.4 | 58 | 54 | 1.1 |
| 2018 | 7.1 | 82 | 54 | 1.6 |

Recommendations for South Plots

1. pH –is sufficient of growing vegetables

**2. No Phosphates should be added. BONE MEAL IS HIGH IN PHOSPHORUS**

3. Potassium – use either:

* wood ash –one gallon for a full plot – apply over the soil and rake in before planting in the spring
* kelp meal – follow directions on package
* green sand –follow directions on package