SOIL TEST REPORT UNIVERSITY OF DELAWARE - SOIL TESTING LABORATORY NEWARK, DELAWARE 19717-1303 **BACKGROUND INFORMATION:** Grower copy 04/29/22 FABFBSARE1ST 1 OUT OF STATE 4/01/22 4/12/22 2648 170802 FIELD NAME OR NO. ACRES COUNTY LAB NO. BAG NO. DATE SAMPLED DATE RECEIVED DATE COMPLETE SOIL TEST FOR: GROWER **ADDITIONAL COPY TO:** COUNTY AGENT ALISON WORMAN 2801 SISSON ST SUITE 202 BALTIMORE MD 21211 NORMALLOAM NO TILL WELL 6-8 TRKL NO SOIL SAMPLE SOIL SOIL INJ. SOIL NAME TILLAGE PRESENT COVER IRRIGATION DRAINAGE COLOR TEXTURE DEPTH PUMP MIXED VEGETABLES NEVER 0.0 UNK YIELD OF P2O5 K2O MOS. AGO TYPE TYPE T/A WHEN N T/A LAST CROP OTHER NUTRIENTS MANURE LAST LIME LAST CROP SOIL TEST RESULTS: LOW MEDIUM OPTIMUM pН 5.4 *********** P PHOSPHORUS 5 INDEX VALUE EXCESSIVE Κ POTASSIUM 56 ****** INDEX VALUE Mg MAGNESIUM 149 ************** INDEX VALUE Ca ********** CALCIUM 98 INDEX VALUE 25 50 75 100 150 75.3 1.4 11.722.2 2.7 7.46 5.8 11.161.11.4.5.7.18 B LBS/ACRE Mn SO4-S % ORGANIC SOL. SALTS CEC % Base % Phosphorus **BUFFER pH ENCLOSURES** MMHOS/CM MATTER Saturation mea/100a SUGGESTED FERTILIZER PROGRAM: CROP: MIXED VEGETABLES 1.0 100-125 200 50 1 - 2P2O5 K2O T/A TYPE N S B LIME LBS/A YIELD GOAL: LBS/A LBS/A 1. Surface application of limestone at the indicated rate will adequately raise the pH of this field. of this field. These are general recommendations designed to cover a variety of vegetable crops, More specific recommendations can be provided by identifying the actual vegetables that will be grown. Broadcast and disk in 50-75 lbs N/ac at or prior to planting. Sidedress an additional 25-50 lbs N/ac 3 to 4 weeks after planting, if needed. Phosphate should be broadcast and disked in at or prior to planting. Boron needs depend upon the vegetables being grown. See Soil Test Note 4 or Extension Bulletin No. 137 -- Commercial Vegetable Production Recommendations for Delaware for more information. To avoid possible boron toxicity damage to crops, apply boron in broadcast fertilizer rather than in bands or as a sidedressing. Boron may be broadcast preplant as a soluble spray alone or with other compatible chemicals. Manganese level in the soil at this pH, soil zinc and soil phosphorus levels. For further guidance on nutrient management, see Extension Bulletin 137: Commercial Vegetable Production Recommendations for Delaware. 3. 4. 6.

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| | INDEX VALUE | 05 | | The State of the | | | | | | 1////////////////////////////////////// |
|-----|---------------|-----|-------|---------------------|------------|-----------|----------------------------|------------------|----------------------|---|
| | | | 0 | 25 | | 50 | 75 | 5 | 100 | 150 |
| 1.0 | 26.4 | 2.9 | 39.7 | 1.7 | | 7.46 | 4.8 | 11.0 | 60.7 | 1,4,5,7,18 |
| В | Mn I BS/A0 | Zn | SO4-S | % ORGANIC MATTER | SOL. SALTS | BUFFER pH | % Phosphorus Saturation | CEC meg/100gm | % Base Saturation | ENCLOSURES |

SUGGESTED FERTILIZER PROGRAM:

0 5

CROP: MIXED VEGETABLES

Ca

| 1.0 | 100-125 | 200 | 100 | | 1-2 |
|----------|---------|-------|------|-------|-------|
| T/A TYPE | N | P2O5 | K2O | S | B |
| LIME | LBS/A | LBS/A | LBS/ | LBS/A | LBS/A |

mea/100g

150

YIELD GOAL:

CALCIUM.

Surface application of limestone at the indicated rate will adequately raise the pH of this field. 1.

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- **6**.
- of this field. These are general recommendations designed to cover a variety of vegetable crops. More specific recommendations can be provided by identifying the actual vegetables that will be grown. Broadcast and disk in 50-75 lbs N/ac at or prior to planting. Sidedress an additional 25-50 lbs N/ac 3 to 4 weeks after planting, if needed. Phosphate should be broadcast and disked in at or prior to planting. Potash should be broadcast and disked in at or prior to planting. Boron needs depend upon the vegetables being grown. See Soil Test Note 4 or Extension Bulletin No. 137 -- Commercial Vegetable Production Recommendations for Delaware for more information. To avoid possible boron toxicity damage to crops, apply boron in broadcast preplant as a soluble spray alone or with other compatible chemicals. Manganese level in the soil at this pH is adequate. Zinc deficiency is unlikely at this pH, soil Zinc and soil phosphorus levels. For further guidance on nutrient management, see Extension Bulletin 137: Commercial Vegetable Production Recommendations for Delaware. 7.
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