

Soil Report

Job Name: **Jessica Burns**

Date: 10/21/2021

Company: **Jessica Burns**

Submitted By:

| Sample Location | | Bed A | Bed B | | | |
|---------------------------------|--|-------------------|--------------------|--|--|--|
| Sample ID | | | | | | |
| Lab Number | | 181 | 182 | | | |
| Sample Depth in inches | | 6 | 6 | | | |
| Total Exchange Capacity (M. E.) | | 22.38 | 23.67 | | | |
| pH of Soil Sample | | 6.9 | 6.8 | | | |
| Organic Matter, Percent | | 22.23 | 22.09 | | | |
| ANIONS | SULFUR: p.p.m. | 16 | 18 | | | |
| | Mehlich III Phosphorous: ppm | 172 | 124 | | | |
| EXCHANGEABLE CATIONS | CALCIUM: ppm Desired Value Value Found Deficit | 3043 3451 | 3218 3612 | | | |
| | MAGNESIUM: ppm Desired Value Value Found Deficit | 322 362 | 340 363 | | | |
| | POTASSIUM: ppm Desired Value Value Found Deficit | 349 256 -93 | 369 248 -121 | | | |
| | SODIUM: ppm | 26 | 35 | | | |
| BASE SATURATION % | Calcium (60 to 70%) | 77.11 | 76.31 | | | |
| | Magnesium (10 to 20%) | 13.46 | 12.76 | | | |
| | Potassium (2 to 5%) | 2.93 | 2.69 | | | |
| | Sodium (.5 to 3%) | 0.50 | 0.64 | | | |
| | Other Bases (Variable) | 4.50 | 4.60 | | | |
| | Exchangeable Hydrogen (10 to 15%) | 1.50 | 3.00 | | | |
| TRACE ELEMENTS | Boron (p.p.m.) | 1.14 | 1.12 | | | |
| | Iron (p.p.m.) | 325 | 257 | | | |
| | Manganese (p.p.m.) | 47 | 56 | | | |
| | Copper (p.p.m.) | 2.49 | 2.75 | | | |
| | Zinc (p.p.m.) | 13.36 | 14.58 | | | |
| | Aluminum (p.p.m.) | 275 | 283 | | | |
| OTHER | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |