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SOIL ANALYSIS

Submitted by
Grid Diagnostic

Submitted for

Laboratory Sample #

Date Received
21-Sep-2017

Date Reported
22-Sep-2017

Information Sheet #

Field Id:

| Sample Id | Soil pH | Buffer pH | Free Lime | Sol. Salt | OM | NO ₃ | Phosphorus | | K | Mg | Ca | Na | S | Zn | Mn | Cu | Fe | B | CEC | % Base Saturation | | | | |
|-----------|---------|-----------|-----------|-----------|------|-----------------|------------|-------|-----|-----|------|-----|-----|------|-----|------|-------|-----|------|-------------------|-----|------|------|-----|
| | | | | | | | Bray I | Olsen | | | | | | | | | | | | H | K | Mg | Ca | Na |
| | | | | | | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | | | | | | |
| F1T1 | 6.7 | --- | VL | 0.4 | 5.8 | 21.8 | 373 | -- | 464 | 317 | 2776 | 35 | 23 | 9.8 | 3.6 | 8.1 | 96.2 | 1.2 | 17.9 | | 6.7 | 14.8 | 77.7 | 0.9 |
| F1T2 | 6.6 | --- | VL | 0.6 | 7.0 | 33.6 | 356 | -- | 602 | 347 | 3308 | 31 | 47 | 16.7 | 3.5 | 11.1 | 123.8 | 1.0 | 21.1 | | 7.3 | 13.7 | 78.4 | 0.6 |
| F1T3 | 6.3 | 6.8 | VL | 0.8 | 7.8 | 54.8 | 354 | -- | 521 | 359 | 3368 | 33 | 76 | 19.0 | 4.6 | 8.4 | 140.6 | 1.0 | 24.6 | 13.5 | 5.4 | 12.1 | 68.3 | 0.6 |
| F1T4 | 6.4 | 6.7 | VL | 0.6 | 7.0 | 44.8 | 350 | -- | 557 | 375 | 3448 | 33 | 43 | 16.7 | 4.7 | 9.7 | 144.9 | 1.0 | 25.7 | 14.7 | 5.6 | 12.2 | 67.1 | 0.6 |
| F1T5 | 6.5 | 6.8 | VL | 0.7 | 7.4 | 49.8 | 353 | -- | 482 | 382 | 3331 | 34 | 51 | 25.8 | 3.9 | 15.4 | 149.5 | 1.0 | 24.6 | 13.8 | 5.0 | 12.9 | 67.6 | 0.6 |
| F1T6 | 6.3 | 6.7 | VL | 0.8 | 7.2 | 84.1 | 347 | -- | 593 | 350 | 3419 | 33 | 59 | 14.5 | 5.3 | 9.3 | 158.4 | 1.2 | 25.5 | 14.9 | 6.0 | 11.5 | 67.1 | 0.6 |
| F1T7 | 6.4 | 6.7 | VL | 0.7 | 7.3 | 57.1 | 347 | -- | 542 | 348 | 3366 | 35 | 46 | 14.2 | 3.5 | 11.3 | 155.2 | 1.2 | 25.0 | 14.7 | 5.6 | 11.6 | 67.4 | 0.6 |
| F1T8 | 6.5 | --- | VL | 0.6 | 7.5 | 50.2 | 355 | -- | 527 | 320 | 3358 | 29 | 39 | 15.2 | 3.5 | 10.2 | 145.1 | 1.2 | 20.9 | | 6.5 | 12.7 | 80.2 | 0.6 |
| T1 | 6.2 | 6.7 | VL | 1.0 | 8.6 | 103.3 | 278 | -- | 590 | 462 | 3617 | 46 | 58 | 20.5 | 4.3 | 10.8 | 155.2 | 1.3 | 27.4 | 13.8 | 5.5 | 14.0 | 65.9 | 0.7 |
| T2 | 6.4 | 6.8 | VL | 0.8 | 7.5 | 65.0 | 289 | -- | 461 | 536 | 3516 | 43 | 60 | 17.1 | 3.9 | 8.2 | 163.5 | 1.0 | 26.6 | 12.1 | 4.4 | 16.8 | 66.0 | 0.7 |
| T3 | 6.7 | --- | VL | 0.5 | 7.5 | 27.1 | 274 | -- | 311 | 492 | 3165 | 40 | 26 | 17.7 | 2.8 | 9.1 | 157.2 | 0.7 | 20.9 | | 3.8 | 19.6 | 75.7 | 0.8 |
| T4 | 6.7 | --- | VL | 0.5 | 9.4 | 25.8 | 266 | -- | 348 | 489 | 3214 | 37 | 22 | 21.1 | 2.2 | 15.2 | 146.8 | 0.7 | 21.2 | | 4.2 | 19.2 | 75.8 | 0.8 |
| T5 | 6.3 | 6.8 | VL | 1.0 | 10.0 | 79.8 | 315 | -- | 620 | 465 | 3457 | 59 | 93 | 25.1 | 3.7 | 11.6 | 168.4 | 1.2 | 25.8 | 10.8 | 6.2 | 15.0 | 67.0 | 1.0 |
| T6 | 6.9 | --- | VL | 0.5 | 10.0 | 14.3 | 294 | -- | 582 | 514 | 3441 | 54 | 32 | 23.3 | 3.9 | 17.2 | 155.3 | 1.1 | 23.2 | | 6.4 | 18.5 | 74.1 | 1.0 |
| T13 | 5.8 | 6.6 | VL | 1.6 | 10.7 | 190.9 | 326 | -- | 499 | 504 | 4008 | 63 | 140 | 29.5 | 5.0 | 13.8 | 194.5 | 1.8 | 31.2 | 17.3 | 4.1 | 13.5 | 64.2 | 0.9 |
| T36 | 6.7 | --- | VL | 0.6 | 11.2 | 42.4 | 284 | -- | 728 | 462 | 3918 | 52 | 46 | 25.4 | 4.7 | 10.0 | 194.9 | 1.8 | 25.5 | | 7.3 | 15.1 | 76.7 | 0.9 |
| T37 | 5.9 | 6.7 | VL | 2.3 | 10.5 | 295.9 | 262 | -- | 438 | 535 | 4128 | 96 | 227 | 25.2 | 6.5 | 10.4 | 159.5 | 2.6 | 30.9 | 13.7 | 3.6 | 14.4 | 66.9 | 1.4 |
| T38 | 6.1 | 6.8 | VL | 1.6 | 7.9 | 180.0 | 310 | -- | 556 | 428 | 3736 | 67 | 169 | 21.1 | 4.1 | 10.3 | 138.4 | 2.3 | 27.2 | 12.0 | 5.2 | 13.1 | 68.6 | 1.1 |
| T39 | 6.1 | 6.8 | VL | 1.5 | 8.1 | 196.3 | 291 | -- | 398 | 435 | 3401 | 84 | 125 | 20.8 | 5.1 | 10.5 | 114.1 | 1.9 | 25.1 | 12.4 | 4.1 | 14.4 | 67.6 | 1.5 |



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| Sample Id | Soil pH | Buffer pH | Free Lime | Sol. Salt | OM | NO ₃ | Phosphorus | | K | Mg | Ca | Na | S | Zn | Mn | Cu | Fe | B | CEC | % Base Saturation | | | | |
|-----------|---------|-----------|-----------|-----------|------|-----------------|------------|-------|-----|-----|------|-----|-----|------|------|------|-------|-----|------|-------------------|-----|------|------|-----|
| | | | | | | | Bray I | Olsen | | | | | | | | | | | | H | K | Mg | Ca | Na |
| | | | | | | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | | | | | | |
| T43 | 6.5 | 6.8 | VL | 0.7 | 8.3 | 47.8 | 275 | -- | 351 | 439 | 3017 | 61 | 58 | 18.4 | 2.8 | 8.1 | 130.2 | 1.1 | 22.7 | 12.3 | 4.0 | 16.1 | 66.4 | 1.2 |
| T50 | 6.7 | --- | VL | 0.6 | 6.5 | 50.4 | 256 | -- | 287 | 495 | 2975 | 49 | 46 | 11.5 | 2.8 | 7.3 | 100.9 | 0.9 | 19.9 | | 3.7 | 20.7 | 74.6 | 1.1 |
| T51 | 6.2 | 6.8 | VL | 1.5 | 8.8 | 187.6 | 298 | -- | 338 | 501 | 3399 | 61 | 123 | 14.6 | 6.2 | 5.8 | 119.3 | 1.4 | 25.4 | 12.3 | 3.4 | 16.4 | 66.8 | 1.0 |
| T52 | 6.3 | 6.7 | VL | 0.5 | 6.5 | 27.5 | 244 | -- | 261 | 390 | 2570 | 43 | 29 | 12.0 | 2.6 | 9.5 | 118.4 | 0.8 | 20.6 | 17.6 | 3.3 | 15.8 | 62.5 | 0.9 |
| T53 | 6.6 | --- | VL | 0.6 | 6.1 | 47.0 | 286 | -- | 365 | 456 | 3053 | 51 | 38 | 10.9 | 4.1 | 8.4 | 123.7 | 1.0 | 20.2 | | 4.6 | 18.8 | 75.5 | 1.1 |
| T54 | 6.4 | 6.7 | VL | 0.6 | 7.0 | 38.2 | 292 | -- | 276 | 433 | 2792 | 39 | 39 | 12.7 | 3.2 | 6.8 | 138.3 | 0.9 | 22.6 | 18.3 | 3.1 | 16.0 | 61.9 | 0.8 |
| T65 | 6.6 | --- | VL | 0.6 | 6.2 | 41.9 | 194 | -- | 328 | 466 | 2974 | 63 | 54 | 12.6 | 4.4 | 7.5 | 150.6 | 1.1 | 19.9 | | 4.2 | 19.5 | 74.8 | 1.4 |
| T66 | 6.7 | --- | VL | 0.5 | 6.2 | 24.5 | 199 | -- | 355 | 426 | 2873 | 62 | 48 | 12.3 | 3.1 | 8.0 | 124.5 | 1.1 | 19.1 | | 4.8 | 18.6 | 75.2 | 1.4 |
| T67 | 6.8 | --- | VL | 0.5 | 7.3 | 21.2 | 192 | -- | 336 | 440 | 2986 | 50 | 48 | 12.9 | 3.0 | 11.3 | 123.0 | 1.1 | 19.7 | | 4.4 | 18.6 | 75.9 | 1.1 |
| T68 | 6.6 | --- | VL | 0.6 | 9.7 | 47.8 | 276 | -- | 575 | 477 | 3488 | 50 | 38 | 14.3 | 12.2 | 6.7 | 172.0 | 1.3 | 23.1 | | 6.4 | 17.2 | 75.5 | 0.9 |
| T69 | 6.7 | --- | VL | 0.5 | 9.2 | 35.7 | 357 | -- | 524 | 451 | 3390 | 41 | 30 | 17.0 | 3.5 | 8.1 | 170.1 | 1.2 | 22.2 | | 6.0 | 16.9 | 76.2 | 0.8 |
| T70 | 6.8 | --- | VL | 0.5 | 8.2 | 31.2 | 340 | -- | 440 | 507 | 3062 | 37 | 31 | 17.2 | 3.3 | 6.8 | 166.6 | 1.0 | 20.8 | | 5.4 | 20.3 | 73.5 | 0.8 |
| T71 | 6.7 | --- | VL | 0.8 | 13.2 | 78.2 | 337 | -- | 946 | 516 | 3706 | 58 | 61 | 20.7 | 3.1 | 5.4 | 158.2 | 1.6 | 25.5 | | 9.5 | 16.9 | 72.6 | 1.0 |
| T72 | 6.8 | --- | VL | 0.4 | 5.0 | 21.0 | 351 | -- | 347 | 456 | 2916 | 35 | 24 | 13.5 | 2.7 | 8.0 | 154.4 | 0.9 | 19.4 | | 4.6 | 19.6 | 75.1 | 0.8 |
| T73 | 6.3 | 6.7 | VL | 0.9 | 7.4 | 88.2 | 344 | -- | 490 | 482 | 3451 | 50 | 61 | 22.2 | 4.3 | 11.8 | 194.5 | 1.2 | 26.9 | 15.5 | 4.7 | 14.9 | 64.1 | 0.8 |
| T74 | 6.7 | --- | VL | 0.4 | 8.3 | 15.7 | 325 | -- | 406 | 499 | 3203 | 40 | 20 | 24.3 | 3.2 | 15.2 | 194.2 | 1.0 | 21.4 | | 4.9 | 19.4 | 74.9 | 0.8 |
| T76 | 7.0 | --- | VL | 0.5 | 8.6 | 18.6 | 333 | -- | 407 | 573 | 3447 | 47 | 33 | 17.9 | 3.3 | 15.0 | 155.7 | 1.1 | 23.3 | | 4.5 | 20.5 | 74.1 | 0.9 |