Crop Experiment ANOVA & LSD Report

# rep

ANOVA Table:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Source | sum\_sq | df | F | PR(>F) |
| C(mulch\_rate) | 0.0000 | 4.0000 | 0.0000 | 1.0000 |
| Residual | 10.0000 | 10.0000 | - | - |

# perc\_emergence

ANOVA Table:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Source | sum\_sq | df | F | PR(>F) |
| C(mulch\_rate) | 173.3333 | 4.0000 | 0.1444 | 0.9614 |
| Residual | 3000.0000 | 10.0000 | - | - |

# plant\_height\_2was

ANOVA Table:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Source | sum\_sq | df | F | PR(>F) |
| C(mulch\_rate) | 13.6117 | 4.0000 | 1.3492 | 0.3181 |
| Residual | 25.2217 | 10.0000 | - | - |

# no\_of\_leaves\_2was

ANOVA Table:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Source | sum\_sq | df | F | PR(>F) |
| C(mulch\_rate) | 1.9333 | 4.0000 | 1.3810 | 0.3083 |
| Residual | 3.5000 | 10.0000 | - | - |

# stem\_girth\_2was

ANOVA Table:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Source | sum\_sq | df | F | PR(>F) |
| C(mulch\_rate) | 5.5853 | 4.0000 | 1.0392 | 0.4341 |
| Residual | 13.4366 | 10.0000 | - | - |

# leaf\_area\_2was

ANOVA Table:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Source | sum\_sq | df | F | PR(>F) |
| C(mulch\_rate) | 7.8249 | 4.0000 | 1.0876 | 0.4134 |
| Residual | 17.9862 | 10.0000 | - | - |

# plant\_height\_4was

ANOVA Table:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Source | sum\_sq | df | F | PR(>F) |
| C(mulch\_rate) | 480.7431 | 4.0000 | 0.5092 | 0.7309 |
| Residual | 2124.2317 | 9.0000 | - | - |

# no\_of\_leaves\_4was

ANOVA Table:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Source | sum\_sq | df | F | PR(>F) |
| C(mulch\_rate) | 25.5893 | 4.0000 | 0.8858 | 0.5099 |
| Residual | 65.0000 | 9.0000 | - | - |

# stem\_girth\_4was

ANOVA Table:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Source | sum\_sq | df | F | PR(>F) |
| C(mulch\_rate) | 25.2564 | 4.0000 | 0.9663 | 0.4711 |
| Residual | 58.8058 | 9.0000 | - | - |

# leaf\_area\_4was

ANOVA Table:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Source | sum\_sq | df | F | PR(>F) |
| C(mulch\_rate) | 2849.9222 | 4.0000 | 0.4602 | 0.7635 |
| Residual | 13932.3491 | 9.0000 | - | - |

# plant\_height\_6was

ANOVA Table:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Source | sum\_sq | df | F | PR(>F) |
| C(mulch\_rate) | 1629.2214 | 4.0000 | 0.5950 | 0.6753 |
| Residual | 6161.4067 | 9.0000 | - | - |

# no\_of\_leaves\_6was

ANOVA Table:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Source | sum\_sq | df | F | PR(>F) |
| C(mulch\_rate) | 230.7738 | 4.0000 | 0.8562 | 0.5250 |
| Residual | 606.4583 | 9.0000 | - | - |

# stem\_girth\_6was

ANOVA Table:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Source | sum\_sq | df | F | PR(>F) |
| C(mulch\_rate) | 33.0665 | 4.0000 | 0.7021 | 0.6099 |
| Residual | 105.9681 | 9.0000 | - | - |

# leaf\_area\_6was

ANOVA Table:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Source | sum\_sq | df | F | PR(>F) |
| C(mulch\_rate) | 25209.6144 | 4.0000 | 0.5835 | 0.6826 |
| Residual | 97213.5780 | 9.0000 | - | - |

# plant\_height\_8was

ANOVA Table:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Source | sum\_sq | df | F | PR(>F) |
| C(mulch\_rate) | 1910.8036 | 4.0000 | 0.4753 | 0.7534 |
| Residual | 9045.1300 | 9.0000 | - | - |

# no\_of\_leaves\_8was

ANOVA Table:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Source | sum\_sq | df | F | PR(>F) |
| C(mulch\_rate) | 801.6786 | 4.0000 | 0.4690 | 0.7576 |
| Residual | 3845.6250 | 9.0000 | - | - |

# stem\_girth\_8was

ANOVA Table:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Source | sum\_sq | df | F | PR(>F) |
| C(mulch\_rate) | 42.0266 | 4.0000 | 0.7771 | 0.5672 |
| Residual | 121.6862 | 9.0000 | - | - |

# leaf\_area\_8was

ANOVA Table:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Source | sum\_sq | df | F | PR(>F) |
| C(mulch\_rate) | 22153.5496 | 4.0000 | 0.4269 | 0.7860 |
| Residual | 116768.3763 | 9.0000 | - | - |

# no\_of\_fruits

ANOVA Table:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Source | sum\_sq | df | F | PR(>F) |
| C(mulch\_rate) | 585.2500 | 4.0000 | 0.8097 | 0.5568 |
| Residual | 1264.9167 | 7.0000 | - | - |

# fresh\_weight

ANOVA Table:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Source | sum\_sq | df | F | PR(>F) |
| C(mulch\_rate) | 944897.3646 | 4.0000 | 0.7499 | 0.5884 |
| Residual | 2205065.8821 | 7.0000 | - | - |