**Stripe rust NACA report, 2016 harvest**

**The Facultative/Winter 2 row malting GWAS panel**

**Corvallis, OR; Davis, CA; Pullman, WA and Mt Vernon, WA**











\* @ Mt Vernon, WA trials were not replicated.

**Facultative/Winter – ANOVAS**

Corvallis, OR

|  |  |
| --- | --- |
|  Df Sum Sq Mean Sq F value Pr(>F)  |  |
| Line 138 2.01554 0.0146053 3.5182 1.167e-13 \*\*\* |  |
| Rep 1 0.00000 0.0000000 0.0000 0.9998  |  |
| Residuals 148 0.61439 0.0041513  |  |
| --- |  |  |  |  |  |  |  |
| Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1 |

Hb = 0.71

Davis, CA Date 1

|  |  |
| --- | --- |
|  Df Sum Sq Mean Sq F value Pr(>F)  |  |
| Line 137 0.92527 0.0067538 3.3314 4.134e-12 \*\*\* |  |
| Rep 1 0.00226 0.0022604 1.1150 0.2929  |  |
| Residuals 137 0.27774 0.0020273  |  |
| --- |  |  |  |  |  |  |  |
| Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’1 |

Hb = 0.69

Davis, CA Date 2

|  |  |
| --- | --- |
|  Df Sum Sq Mean Sq F value Pr(>F)  |  |
| Line 137 1.70151 0.012420 2.6353 1.385e-08 \*\*\* |  |
| Rep 1 0.15152 0.151518 32.1495 8.123e-08 \*\*\* |  |
| Residuals 137 0.64567 0.004713  |  |
| --- |  |  |  |  |  |  |  |
| Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’1 |

Hb = 0.62