

Appendix 2D: Comparison of Leaf Sheath Lengths

Leaf sheath lengths of control and inoculated seedlings were compared for 2-49, Gregory, Puseas and Wylie from 7 to 35 dai. A paired t-test was performed using SPSS 17.0. A summary of the significant differences is presented in Tables 2F.1, 2F.2, 2F.3 and 2F.4. No trends in leaf sheath length increase or decrease due to infection were observed.

Table 2F.1. Difference in lengths of infected leaf sheath tissues from control leaf sheath tissues at 7 to 35 dai for 2-49. Different letters indicate significant differences ($p < 0.05$). a = no significant difference, b = significantly higher and c = significantly lower.

2-49	7 dai	14 dai	21 dai	28 dai	35 dai
LS1	a	a	a	a	b
LS2	b	a	a	a	a
LS3		a	a	c	c
LS4	-	-	a	c	a
LS5	-	-	-	a	a

Table 2F.2. Difference in lengths of infected leaf sheath tissues from control leaf sheath tissues at 7 to 35 dai for Gregory. Different letters indicate significant differences ($p < 0.05$). a = no significant difference, b = significantly higher and c = significantly lower.

Gregory	7 dai	14 dai	21 dai	28 dai	35 dai
LS1	a	a	a	a	b
LS2	a	a	a	a	b
LS3	a	c	c	a	a
LS4	-	c	c	a	a
LS5	-	-	-	a	a

Table 2F.3. Difference in lengths of infected leaf sheath tissues from control leaf sheath tissues at 7 to 35 dai for Puseas. Different letters indicate significant differences ($p < 0.05$). a = no significant difference, b = significantly higher and c = significantly lower.

Puseas	7 dai	14 dai	21 dai	28 dai	35 dai
LS1	a	a	b	a	a
LS2	a	a	a	a	b
LS3	a	c	a	a	a
LS4	-	c	c	a	a
LS5	-	-	-	c	c

Table 2F.4. Difference in lengths of infected leaf sheath tissues from control leaf sheath tissues at 7 to 35 dai for Wylie. Different letters indicate significant differences ($p < 0.05$). a = no significant difference, b = significantly higher and c = significantly lower.

Wylie	7 dai	14 dai	21 dai	28 dai	35 dai
LS1	a	b	a	a	a
LS2	a	a	a	a	a
LS3	a	a	a	a	a
LS4	-	b	a	a	a
LS5	-	-	-	a	a