

Covariates		Univariate		Multivariate		Multilevel: (1 location/method)			
Model 1		HR(95%CI)	p	HR(95%CI)	p	HR(95%CI)	p	Variance	SD
Photoperiod		1.17(1.15-1.18)	<0.05	1.14(1.12-1.15)	<0.05	1.14(1.13-1.16)	<0.05	-	-
MWI _{max}		0.81(0.78-0.84)	<0.05	0.65(0.60-0.70)	<0.05	0.64(0.59-0.70)	<0.05	-	-
Location	UR; 0.80(0.77-0.82)		<0.05	0.80(0.77-0.83)	<0.05	-	-	-	-
Location/method*		-	-	-	-	-	-	0.0371	0.1926
Location(interc)								0.0003	0.0199
Method	BG; 1.31(1.27-1.36)		<0.05	1.29(1.25-1.34)	<0.05	-	-	-	-
Model 2		HR(95%CI)	p	HR(95%CI)	p	HR(95%CI)	p	Variance	SD
Photoperiod		1.17(1.15-1.18)	<0.05	1.18(1.16-1.20)	<0.05	1.18(1.17-1.20)	<0.05	-	-
MWI _{min}		1.14(1.08-1.20)	<0.05	0.67(0.62-0.72)	<0.05	0.67(0.62-0.72)	<0.05	-	-
Location	UR; 0.80(0.77-0.82)		<0.05	0.77(0.75-0.80)	<0.05	-	-	-	-
Location/method*		-	-	-	-	-	-	0.0418	0.2045
Location(interc)								0.0004	0.0200
Method	BG; 1.31(1.27-1.36)		<0.05	1.30(1.25-1.35)	<0.05	-	-	-	-
Model 3		HR(95%CI)	p	HR(95%CI)	p	HR(95%CI)	p	Variance	SD
Photoperiod		1.17(1.15-1.18)	<0.05	1.23(1.20-1.26)	<0.05	1.23(1.20-1.26)	<0.05	-	-
Mintemperature		1.03(1.03-1.03)	<0.05	0.97(0.96-0.98)	<0.05	0.97(0.96-0.98)	<0.05	-	-
MinRH		0.997(0.996-0.999)	<0.05	0.99(0.997-1.0001)	0.07	0.99(0.99-1)	0.09	-	-
Location	UR; 0.80(0.77-0.82)		<0.05	0.79(0.76-0.82)	<0.05	-	-	-	-
Location/method*		-	-	-	-	-	-	0.0386	0.1965
Location (interc)								0.0003	0.0199
Method	BG; 1.31(1.27-1.36)		<0.05	1.30(1.25-1.35)	<0.05	-	-	-	-

Covariates	Univariate		Multivariate		Multilevel: (1 location/method)				
	Model 4	HR(95%CI)	p	HR(95%CI)	p	HR(95%CI)	p	Variance	SD
Photoperiod		1.17(1.15-1.18)	<0.05	1.23(1.20-1.26)	<0.05	1.23(1.21-1.26)	<0.05	-	-
Mintemperature		1.03(1.03-1.03)	<0.05	0.97(0.96-0.978)	<0.05	0.97(0.96-0.978)	<0.05	-	-
MaxRH		0.996(0.995-0.998)	<0.05	0.997(0.995-0.999)	0.04	0.99(0.995-0.999)	0.04	-	-
Location		UR; 0.80(0.77-0.82)	<0.05	0.79(0.77-0.82)	<0.05	-	-	-	-
Location/method*		-	-	-	-	-	-	0.0291	0.1707
Location (interc)		-	-	-	-	-	-	0.0003	0.0199
Method		BG; 1.31(1.27-1.36)	<0.05	1.30(1.25-1.35)	<0.05	-	-	-	-
Model 5					HR(95%CI)		p	Variance	SD
	Photoperiod	1.17(1.15-1.18)	<0.05	1.25(1.21-1.28)	<0.05	1.25(1.21-1.29)	<0.05	-	-
GDD		1.04(1.03-1.04)	<0.05	0.96(0.95-0.97)	<0.05	0.96(0.957-0.975)	<0.05	-	-
minRH		0.997(0.996-0.999)	<0.05	0.99(0.996-0.999)	0.005	0.99(0.996-0.999)	0.006	-	-
Location		UR; 0.80(0.77-0.82)	<0.05	0.82(0.79-0.85)	<0.05	-	-	-	-
Location/method*		-	-	-	-	-	-	0.0348	0.1866
Location		-	-	-	-	-	-	0.0003	0.0199
Method		BG; 1.31(1.27-1.36)	<0.05	1.30(1.25-1.35)	<0.05	-	-	-	-
Model 6					HR(95%CI)		p	Variance	SD
	Photoperiod	1.17(1.15-1.18)	<0.05	1.26(1.22-1.29)	<0.05	1.26(1.23-1.29)	<0.05	-	-
GDD		1.04(1.03-1.04)	<0.05	0.96(0.95-0.97)	<0.05	0.96(0.955-0.972)	<0.05	-	-
MaxRH		0.996(0.995-0.998)	<0.05	0.99(0.995-0.999)	0.027	0.99(0.995-0.999)	0.028	-	-
Location		UR; 0.80(0.77-0.82)	<0.05	0.83(0.80-0.86)	<0.05	-	-	-	-
Location/method*		-	-	-	-	-	-	0.0334	0.1828
Location		-	-	-	-	-	-	0.0003	0.0198
Method		BG; 1.31(1.27-1.36)	<0.05	1.30(1.25-1.35)	<0.05	-	-	-	-

<i>MODEL</i>	<i>Chisq</i>	<i>Df</i>	<i>LogLikelihood(int)</i>	<i>AIC</i>	<i>BIC</i>
Model 1	960.03	4.00	-124814.8	952.03	921.70
Model 2	956.72	4.00	-124816.5	948.72	918.38
Model 3	934.50	5.00	-124827.6	924.50	886.57
Model 4	935.71	5.00	-124827	925.71	887.78
Model 5	937.04	5.00	-124826.3	927.04	889.11
Model 6	934.53	5.00	-124827.6	924.53	886.61