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MEANS TABLE for STOMATA LOWER mm*mm

	1 Male	2 Male	FEMALE i
1 Female	41.1350	42.8150	41.9750
2 Female	39.8967	42.7267	41.3117
3 Female	41.6650	42.1950	41.9300
4 Female	39.6300	41.8433	40.7367
MALE i	40.5817	42.3950	41.4883

ANOVA for STOMATA LOWER mm*mm

Source of Variations	df	Sum of Squares	Mean Squares	F Ratio	Probability
Sets	1	22.57763	22.57763	3.090	0.08969
Rep/Sets	4	105.07358	26.26840	3.595	0.01736 *
Females / Sets	6	28.23183	4.70531	0.644	0.69430
Males / Sets	2	93.56067	46.78033	6.403	0.00513 **
Male * Female / Sets	6	157.88587	26.31431	3.602	0.00899 **
Error	28	204.57448	7.30623	1.000	0.50000
Total	47	611.90407	13.01924		

	Estimate	Std.Error	t - value
σ^2 m	3.2895	2.9666	1.1088
σ^2 A (GCA)	13.1580	11.8664	1.1088
σ^2 ml	6.3360	4.4306	1.4301
σ^2 D (SCA)	12.6721	21.3282	0.5941
σ^2 e	7.3062	1.8865	3.8730**
σ^2 P	16.9318		
σ^2 Dominance Ratio	0.9631		
σ^2 Degree of Dominance a	1.3879		
σ^2 Heritability (ns)	0.7771		
σ^2 Genetic Gain 5% (Full Sib)	3.9025		
σ^2 Genetic Gain 5% (Mass Selection)	1.9949		

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MEANS TABLE for PEDUNCLE AREA cm*cm

	1 Male	2 Male	FEMALE i
1 Female	38.1933	37.0500	37.6217
2 Female	39.4217	34.8083	37.1150
3 Female	39.7750	35.8567	37.8158
4 Female	39.0517	37.3933	38.2225
MALE i	39.1104	36.2771	37.6938

ANOVA for PEDUNCLE AREA cm*cm

Source of Variations	df	Sum of Squares	Mean Squares	F Ratio	Probability
Sets	1	76.55801	76.55801	6.112	0.01977 *
Rep/Sets	4	87.37047	21.84262	1.744	0.16842
Females / Sets	6	56.61428	9.43571	0.753	0.61212
Males / Sets	2	141.80747	70.90373	5.661	0.00862 **
Male * Female / Sets	6	29.04870	4.84145	0.387	0.88136
Error	28	350.70740	12.52526	1.000	0.50000
Total	47	742.10632	15.78950		

	Estimate	Std.Error	t - value
σ^2 m	4.8649	4.1829	1.1630
σ^2 A (GCA)	19.4595	16.7316	1.1630
σ^2 ml	-2.5613	1.3465	-1.9021
σ^2 D (SCA)	-5.1225	17.5772	-0.2914
σ^2 e	12.5253	3.2340	3.8730**
σ^2 P	14.8289		
σ^2 Dominance Ratio	-0.2632		
σ^2 Degree of Dominance a	-0.7256		
σ^2 Heritability (ns)	1.3123		
σ^2 Genetic Gain 5% (Full Sib)	7.8745		
σ^2 Genetic Gain 5% (Mass Selection)	2.4874		