

*Developmental changes in the  
germinability, desiccation tolerance,  
hardseededness, and longevity of  
individual seeds of Trifolium ambiguum*

Article

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Table 1

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**Table 1.** Results of the Shapiro-Wilk test for normality ( $W$ ) and the skewness and kurtosis of fitted normal distributions for the four developmental parameters indicated. Data shown are for all seeds harvested on a given date (and so M1 only for 14, 30, 33, 44, 54, 64 DAP in experiment 1).

DAP	Fresh weight			Dry weight			Mass of water			Moisture content		
	$W$	Skew.	Kurt.	$W$	Skew.	Kurt.	$W$	Skew.	Kurt.	$W$	Skew.	Kurt.
<i>Experiment 1 (pollinated 8 Dec. 2004)</i>												
14	0.9018	-0.65	-0.83	0.8910*	-0.82	-0.56	0.9038	-0.61	-0.88	0.8171**	1.80	4.15
22	0.9658	-0.18	-1.12	0.9412	-0.34	-1.23	0.9412	0.38	-0.60	0.9622	-0.18	-1.11
28	0.8988*	-0.50	-1.15	0.9527	-0.47	-0.85	0.9368	-0.33	-1.15	0.9623	0.37	-0.37
30	0.8457*	-1.27	0.67	0.7862**	-1.65	1.83	0.8923	-0.89	-0.15	0.9258	0.58	-0.46
33	0.9590	0.21	-1.15	0.9533	-0.32	0.75	0.9162	-0.01	-1.56	0.8112**	1.20	0.16
36	0.9401	-0.59	0.03	0.9589	-0.17	-1.16	0.9444	-0.91	0.75	0.9318	-0.91	1.06
40	0.9434	0.62	-0.42	0.9623	0.50	-0.29	0.8698*	1.08	0.13	0.8828*	0.49	-1.34
44	0.9429	0.49	0.17	0.9345	-0.82	0.32	0.7855***	1.42	0.71	0.7636***	1.92	3.16
47	0.9198	0.61	-0.15	0.9159*	-0.84	-0.21	0.7398***	1.46	0.72	0.7630***	1.40	0.62
50	0.9402	0.22	-1.14	0.9555	0.19	-1.07	0.9488	0.50	-0.84	0.9582	0.07	-1.03
54	0.7926	-1.70	4.07	0.7922**	-1.72	4.16	0.8613*	-1.05	2.72	0.8656*	1.06	0.06
58	0.9092	-0.64	-0.89	0.9184	-0.60	-0.92	0.8880	-0.87	-0.52	0.8415**	0.88	-0.65
61	0.9664	0.07	-0.56	0.9639	0.14	-0.59	0.9791	-0.20	0.21	0.9693	-0.24	-0.91
64	0.9460	-0.34	-1.42	0.9297	-0.33	-1.51	0.9915	-0.27	-0.96	0.9723	-0.18	-1.42
<i>Experiment 2 (pollinated 11 Jan. 2006)</i>												
20	0.8886*	-1.32	1.86	0.8782*	-1.39	1.82	0.8996*	-1.24	1.63	0.9190	0.48	-0.91
23	0.9691	-0.47	0.14	0.9141	-1.01	0.97	0.9875	0.17	-0.35	0.8325**	1.55	1.91
27	0.9679	0.16	-0.99	0.9262	-0.53	-0.80	0.9561	0.58	-0.31	0.8267**	1.57	2.94
30	0.8382**	-1.64	3.83	0.8158**	-1.79	3.19	0.8825*	-1.02	3.01	0.9691	0.18	-0.13
34	0.9565	0.13	-1.21	0.9472	-0.28	-1.11	0.9250	0.31	-1.32	0.8566*	1.48	2.97
36	0.9758	-0.06	-1.00	0.9506	-0.26	-1.10	0.9703	-0.30	-0.80	0.9515	-0.80	0.62
38	0.9552	0.01	-1.11	0.9518	-0.43	-0.85	0.9418	-0.56	-0.44	0.7138***	-1.76	1.84
40	0.9407	-0.40	-1.03	0.9553	0.01	-1.29	0.9601	-0.19	-0.68	0.8810*	-0.85	-0.08
42	0.9343	-0.09	-1.32	0.9757	-0.09	-1.32	0.8961*	-0.01	-1.61	0.8857*	-0.24	-1.53
44	0.9276	0.53	-0.77	0.9531	-0.66	0	0.8546**	0.36	-1.38	0.8209**	0.09	-1.80
49	0.9222	-0.96	0.85	0.9306	-0.84	0.53	0.8949*	-1.05	1.17	0.8130**	1.90	4.71
56	0.9631	-0.24	0.67	0.9569	-0.27	0.72	0.9538	0.19	-1.06	0.9260	0.66	-0.28
63	0.9166	0.35	1.84	0.9150	0.45	1.97	0.9649	-0.02	-0.79	0.9775	0.04	-0.68
70	0.8922*	-1.23	1.32	0.9011*	-1.21	1.32	0.9671	-0.58	-0.13	0.9702	0.05	-0.88

A significant value for the  $W$ -statistic indicates non-normality. \* $P < 0.05$ ; \*\* $P < 0.01$ ; \*\*\* $P < 0.001$ .