

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

Article

Accepted Version

Table 3

Hay, F. R., Smith, R. D., Ellis, R. H. ORCID:
<https://orcid.org/0000-0002-3695-6894> and Butler, L. H. (2010)
Developmental changes in the germinability, desiccation
tolerance, hardseededness, and longevity of individual seeds
of *Trifolium ambiguum*. *Annals of Botany*, 105 (6). p. 1035.
ISSN 0305-7364 doi: 10.1093/aob/mcq037 Available at
<https://centaur.reading.ac.uk/7688/>

It is advisable to refer to the publisher's version if you intend to cite from the
work. See [Guidance on citing](#).

Published version at: <http://dx.doi.org/10.1093/aob/mcq037>

To link to this article DOI: <http://dx.doi.org/10.1093/aob/mcq037>

Publisher: Oxford University Press

Publisher statement: This is a pre-copy-editing, author-produced PDF of an article
accepted for publication in *Annals of Botany* following peer review. The definitive
publisher-authenticated version *Ann Bot* (2010) 105 (6): 1035-1052. doi:
10.1093/aob/mcq037 is available online at: <http://dx.doi.org/10.1093/aob/mcq037>

All outputs in CentAUR are protected by Intellectual Property Rights law,

including copyright law. Copyright and IPR is retained by the creators or other copyright holders. Terms and conditions for use of this material are defined in the [End User Agreement](#).

www.reading.ac.uk/centaur

CentAUR

Central Archive at the University of Reading

Reading's research outputs online

Table 3. The moisture content of seeds of *Trifolium ambiguum* harvested at different stages during development and sorted by seed coat colour (experiment 2; hand-pollinated 11 Jan. 2006).

DAP	Moisture content (% f.wt.) mean $\pm$ s.e.			
	Green	Yellow	Orange	Dark orange
36	61.5 $\pm$ 0.74 ^{NS}	55.6 $\pm$ 2.74 ^{NA}	-	-
38	60.2 $\pm$ 0.69 ^{NS}	51.8 $\pm$ 1.85 ^{NS}	18.8 ^{NA}	19.2 ^{NA}
40	60.4 $\pm$ 3.50 ^{NS}	48.2 $\pm$ 2.84 ^{**}	43.0 $\pm$ 11.71 ^{NA}	56.6 ^{NA}
42	61.2 ^{NA}	48.6 $\pm$ 2.61 [*]	24.1 $\pm$ 3.73 ^{NS}	15.4 $\pm$ 0.60 ^{NA}
44	-	47.6 $\pm$ 2.47 ^{NS}	15.9 $\pm$ 0.50 ^{NS}	15.4 $\pm$ 0.66 ^{NS}
49	-	-	13.8 $\pm$ 0.54 ^{**}	12.9 $\pm$ 0.38 ^{NS}
56	-	12.0 ^{NA}	11.9 $\pm$ 0.20 ^{NA}	12.5 $\pm$ 0.25 ^{NS}
63	-	-	11.5 $\pm$ 0.47 ^{NS}	12.1 $\pm$ 0.41 ^{NS}
70	-	-	12.5 $\pm$ 0.42 ^{NA}	11.2 $\pm$ 0.35 ^{NS}

The Shapiro-Wilk test for normality was used for each DAP $\times$ colour category: test-statistic ^{NS}not significant; *P < 0.05; **P < 0.01. ^{NA}Test not carried out if < 3 seeds within the category; if only one seed, no standard error is shown.