Supplementary Data:

Title:

An analysis of dormancy, ABA responsiveness, after-ripening and pre-harvest sprouting in hexaploid wheat (*Triticum aestivum* L.) caryopses.

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Supplementary Figures 1-4:

Supplementary Figure 1: Diagram illustrating the pedigree relationships between the six varieties of wheat used in this study

Supplementary Figure 2: Illustration of criterion used for wheat seed germination, and methodological set-up to analyse PHS

Supplementary Figure 3: ABA responsiveness of whole caryopses during post-harvest after-ripening in the six varieties of wheat used in this study

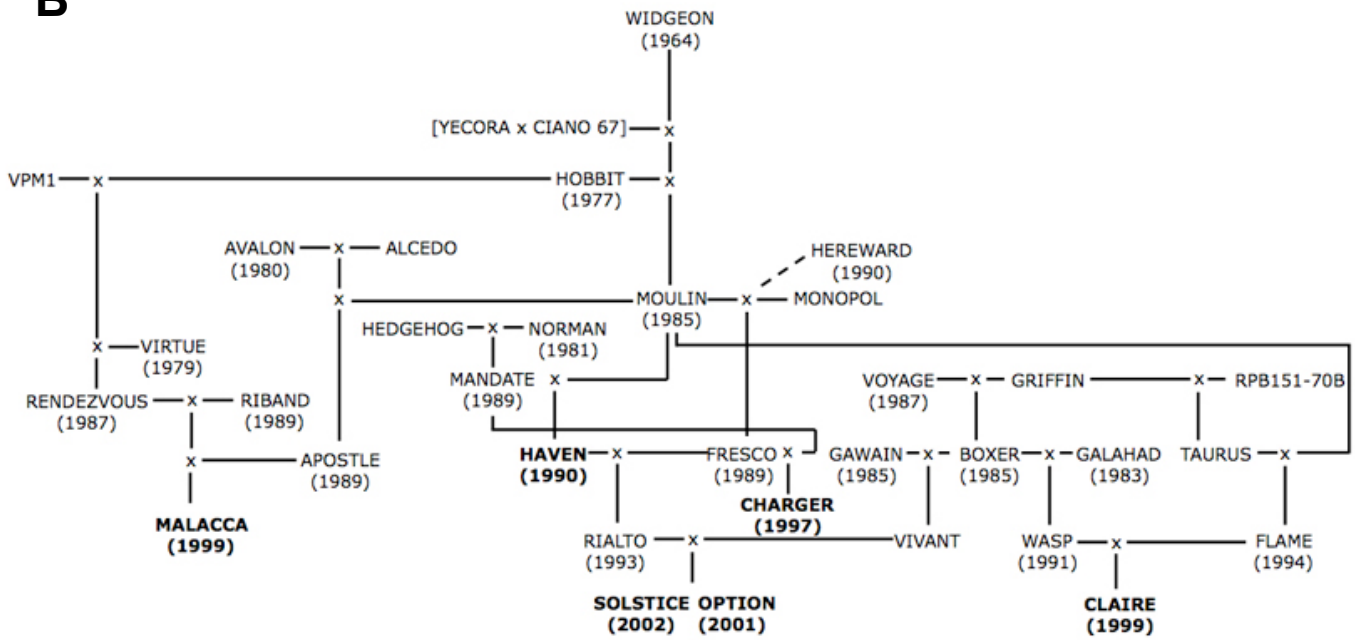
Supplementary Figure 4: Influence of misting whole plants of the white wheat variety JBW on caryopsis germination in-ear

Supplementary Figure 1: Diagram illustrating the pedigree relationships between the six varieties of wheat used in this study

A

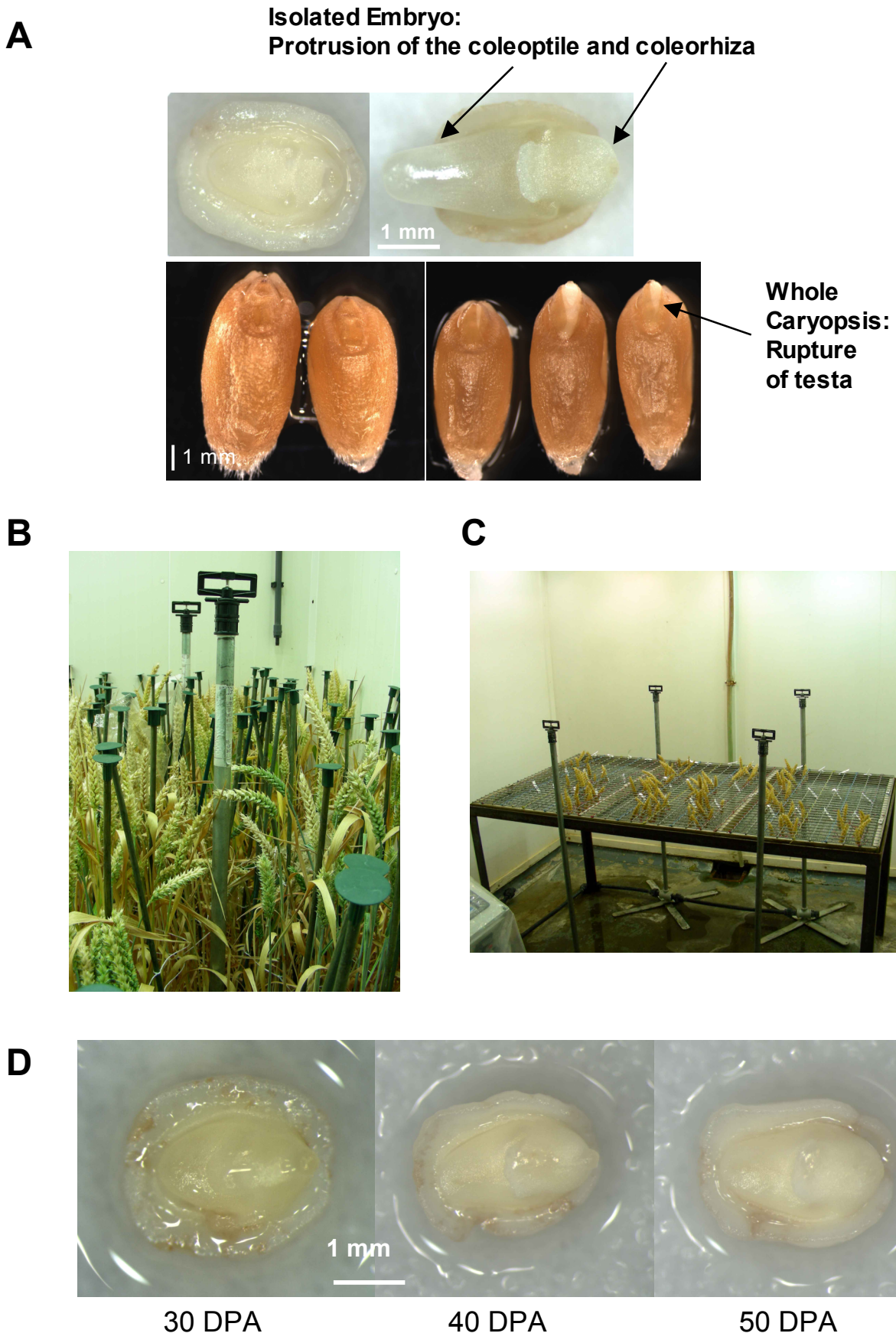
Varieties	NIAB sprouting score
Claire (S)	4
Charger (S)	2
Haven (S)	2
Option (R)	8
Malacca (R)	6
Solstice (R)	8

B

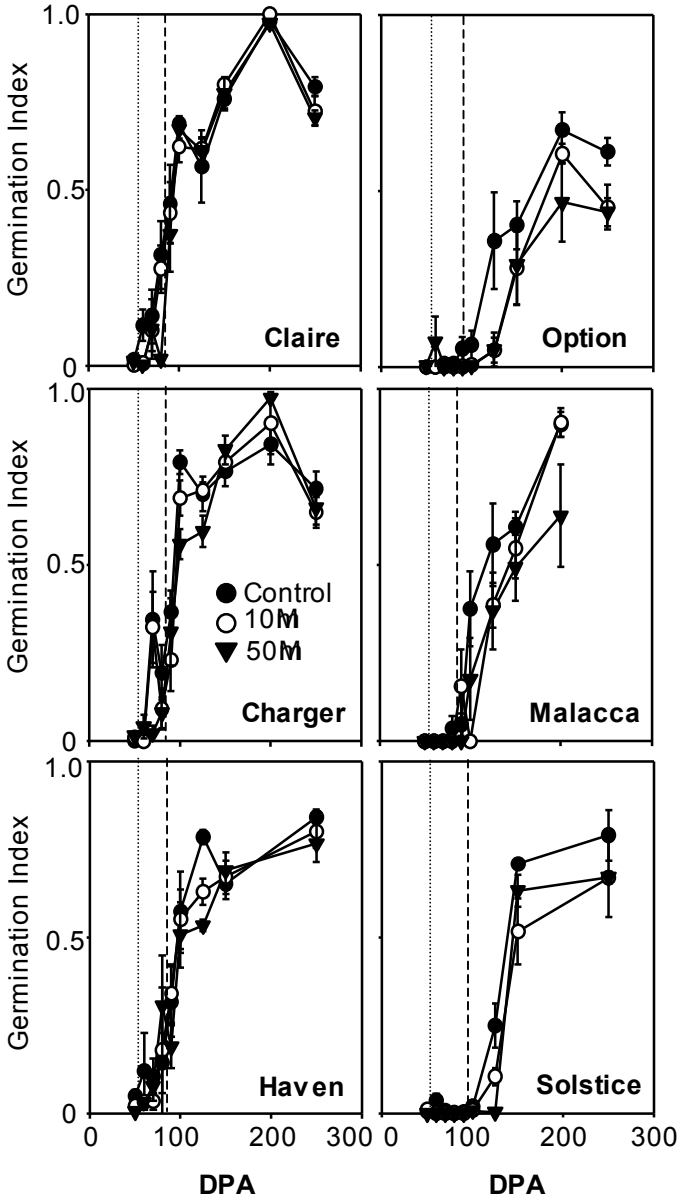
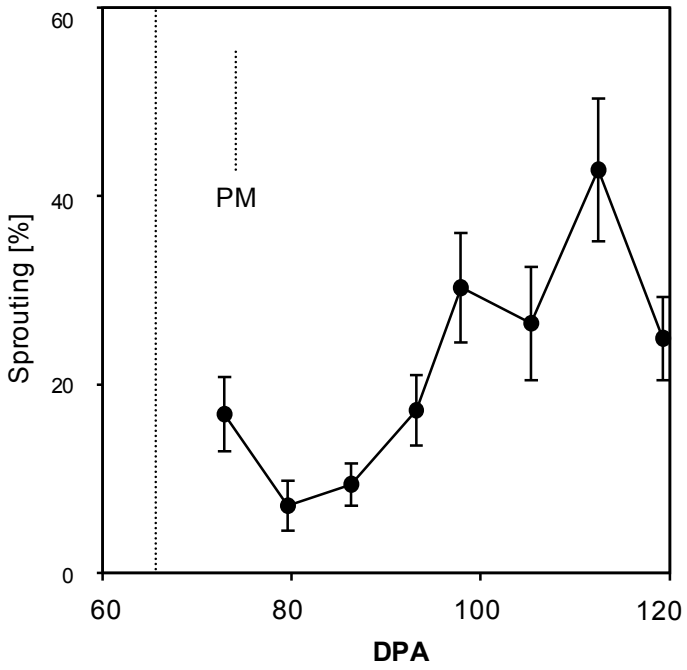


Varieties in bold:
All varieties are Red (R) types,
are single-gene semidwarfs, carrying Rht2 (Rht-D1b)

Supplementary Figure 2: Illustration of criterion used for wheat seed germination, and methodological set-up to analyse PHS



Supplementary Figure 3: ABA responsiveness of whole caryopses during post-harvest after-ripening in the six varieties of wheat used in this study



Supplementary Figure 4: Influence of misting whole plants of the white wheat variety JBW on caryopsis germination in-ear