

NRC Publications Archive Archives des publications du CNRC

Improvement in wheat doubled haploidy

Ferrie, A.; Brost, J.; Caswell, K.; Enns, J.; Nelson, K.; Polvi, S.; Roewer, I.; Trowell, B.; Huang, H. M.; Eudes, F.; Jiang, F.

For the publisher's version, please access the DOI link below./ Pour consulter la version de l'éditeur, utilisez le lien DOI ci-dessous.

<https://doi.org/10.4224/23001965>

NRC Publications Archive Record / Notice des Archives des publications du CNRC :

<https://nrc-publications.canada.ca/eng/view/object/?id=251514de-9b00-4e77-b20e-9d8f6a666e8a>

<https://publications-cnrc.canada.ca/fra/voir/objet/?id=251514de-9b00-4e77-b20e-9d8f6a666e8a>

Access and use of this website and the material on it are subject to the Terms and Conditions set forth at

<https://nrc-publications.canada.ca/eng/copyright>

READ THESE TERMS AND CONDITIONS CAREFULLY BEFORE USING THIS WEBSITE.

L'accès à ce site Web et l'utilisation de son contenu sont assujettis aux conditions présentées dans le site

<https://publications-cnrc.canada.ca/fra/droits>

LISEZ CES CONDITIONS ATTENTIVEMENT AVANT D'UTILISER CE SITE WEB.

Questions? Contact the NRC Publications Archive team at

PublicationsArchive-ArchivesPublications@nrc-cnrc.gc.ca. If you wish to email the authors directly, please see the first page of the publication for their contact information.

Vous avez des questions? Nous pouvons vous aider. Pour communiquer directement avec un auteur, consultez la première page de la revue dans laquelle son article a été publié afin de trouver ses coordonnées. Si vous n'arrivez pas à les repérer, communiquez avec nous à PublicationsArchive-ArchivesPublications@nrc-cnrc.gc.ca.

Improvement in Wheat Doubled Haploidy

Objective: To lower the cost of production of true-breeding doubled haploid lines used in wheat breeding

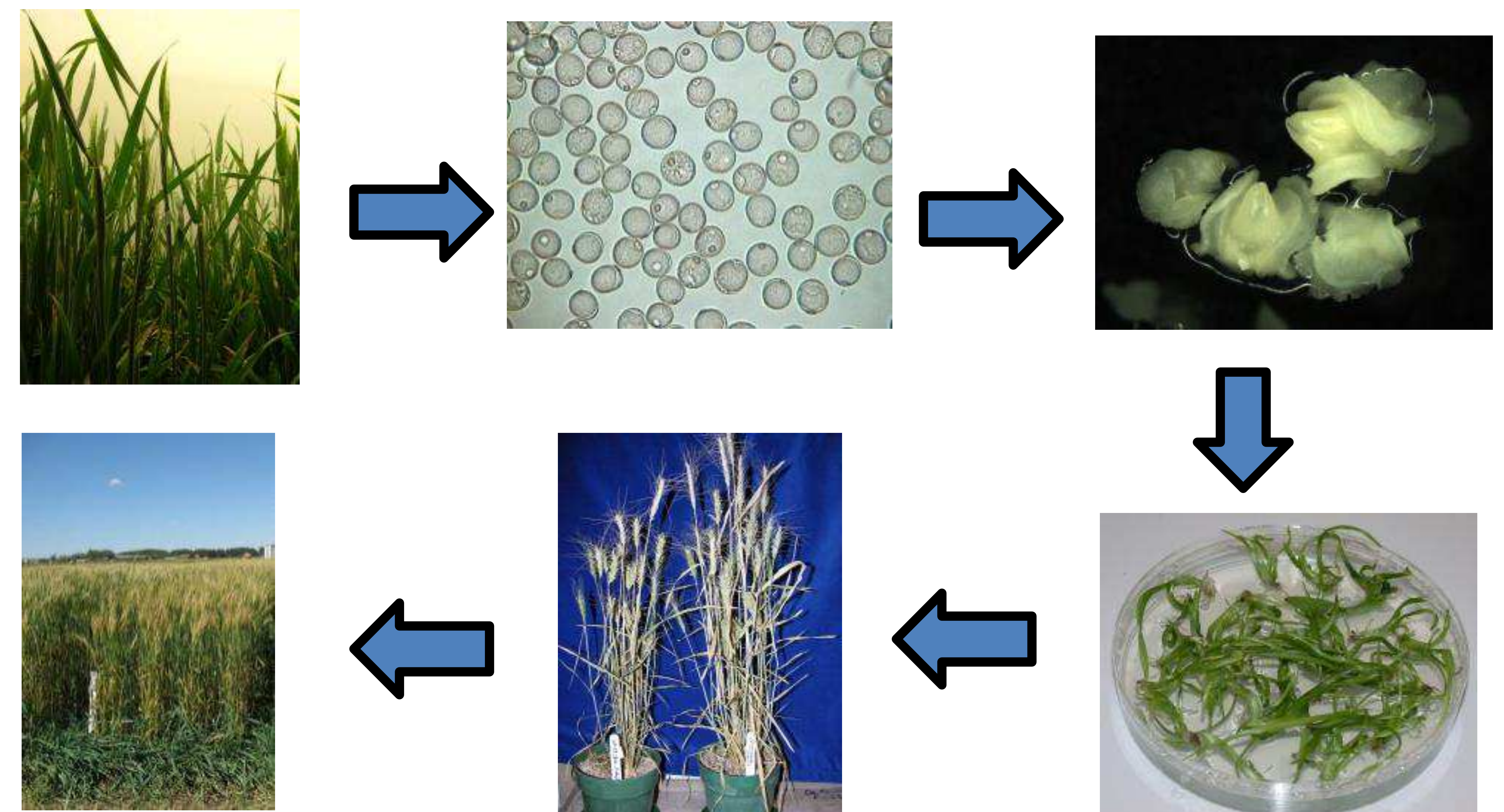
Outputs thus far: A consistently performing low cost doubled haploid method for spring wheat. Doubled haploid lines using the method were delivered to a breeder

Impact: Lower cost per doubled haploid line compared to current methods

Deployment path: Method training of breeding program personnel within the CWA and consortium partners

Delivery date: 2016 for spring wheat

Resources committed: ~\$2 million/5 years



CWA Team: NRC: Alison M.R. Ferrie, Jennifer Brost, Karen Caswell, Jean Enns, Kim Nelson, Sandra Polvi, Inge Roewer, Betty Trowell, Hung-Mei Wang
AAFC: François Eudes, Fengying Jiang

Collaborators: Syngenta & KWS

Opportunity for collaboration: Development of an efficient DH platform for winter and durum wheat.