Canola hybrids

THE UNIVERSITY OF WESTERN AUSTRALIA

Hybrid breeding and seed production



Wallace Cowling

The UWA Institute of Agriculture

Principal Plant Breeder, NPZ Project at UWA





Take home messages

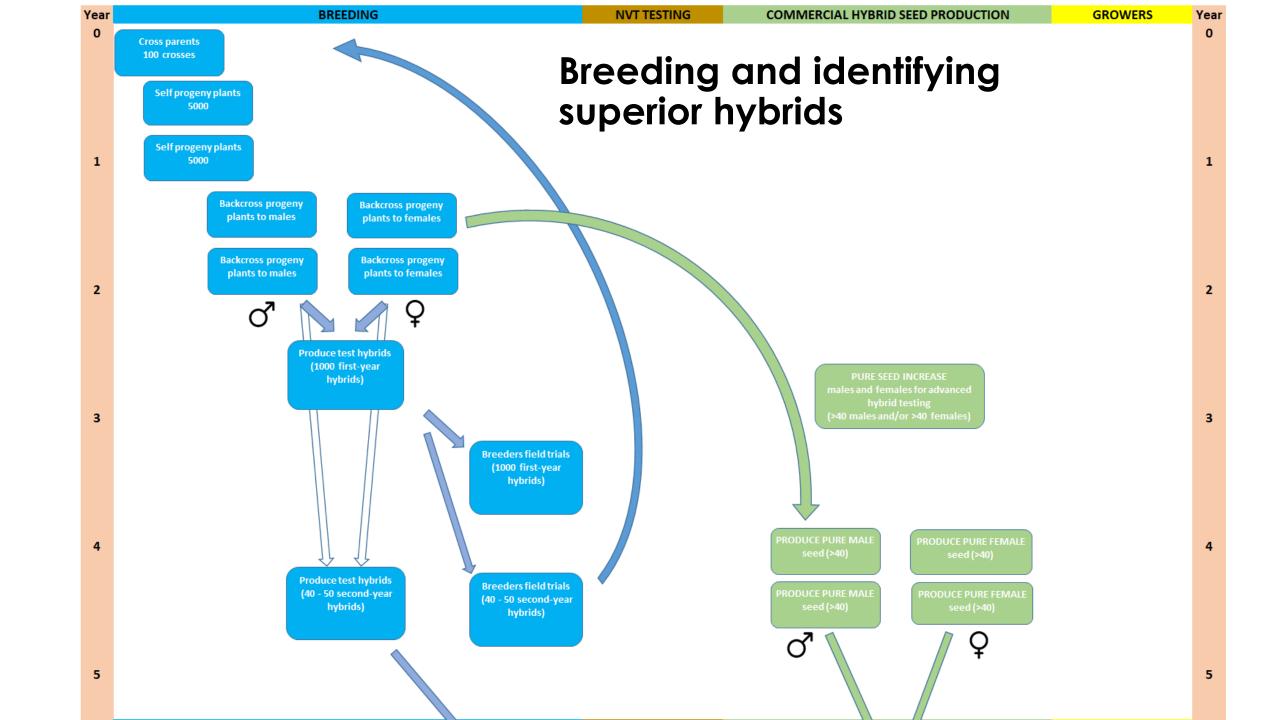


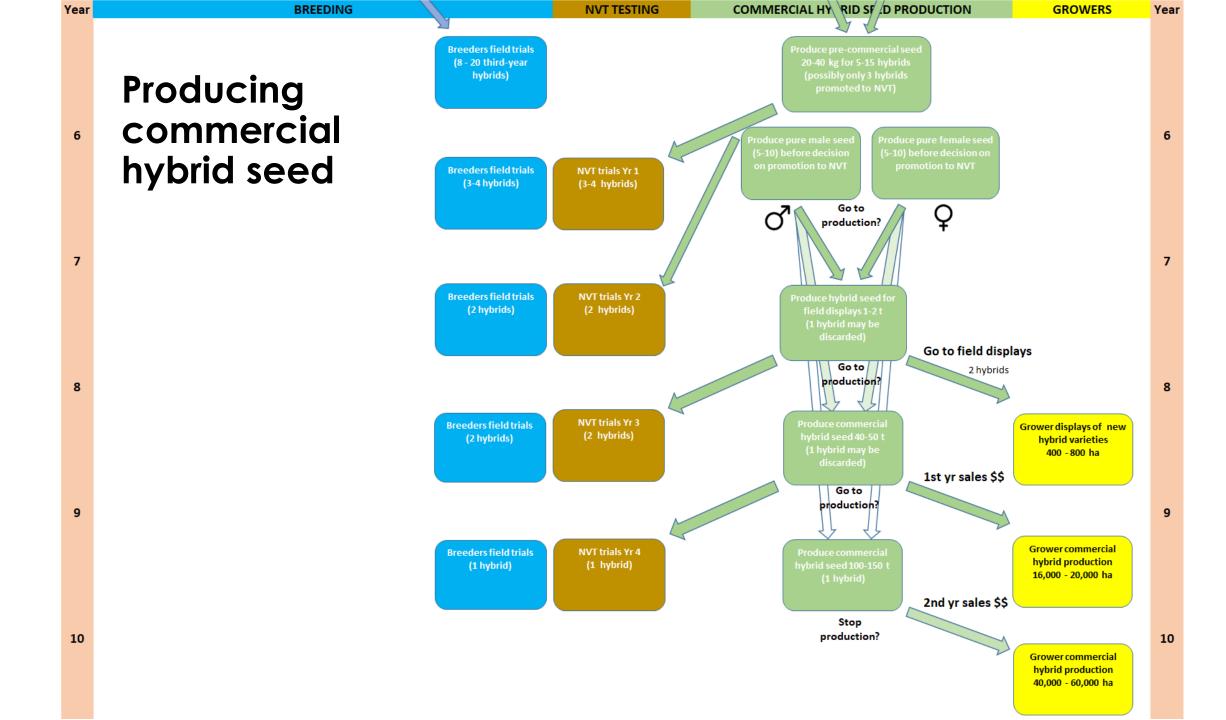
Breeding and identifying superior hybrids

5 years minimum from crossing to selection Start pure seed production males and females

Producing commercial hybrid seed

4-5 years of pre-commercial and commercial seed production before potentially successful hybrids are identified in NVT and released





Conclusions



Successful hybrids provide rewards to growers, breeders and specialist seed producers

Risk of commercial failure to breeders is high due to late and uncertain rewards

Breeders are competing in a growing market for hybrid seed

There are different ways to market hybrids, including assured supply of quality seed

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