



## BLACKBERRY CULTIVARS CAN NOW BE DISTINGUISHED BY A DNA TEST

A rapid, reliable DNA test, enabled by the U.S.-wide RosBREED project, is now available. Breeders can confirm the identify and paternity of blackberry cultivars and seedlings. Commercial propagators and germplasm collection curators can test individual plants to ensure trueness-to-type.

The U.S. is the world's leading producer of cultivated blackberries. To support blackberry breeding and this rapidly-expanding industry, over 600 accessions are maintained in the USDA-ARS germplasm collection in Corvallis, OR. These accessions are now being assessed for trueness-to-type using this new DNA test.



A key RosBREED goal is to develop, validate and implement DNA tests to increase efficiency in U.S. blackberry breeding programs. This new DNA test to verify identify and paternity is the first tool developed. The next trait target – sugar content – is a top priority for industry stakeholders.

### RosBREED Blackberry Breeders



**Chad Finn**  
USDA-ARS, Corvallis, OR



**John Clark**  
University of Arkansas

# RosBREED

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## Acknowledgements:

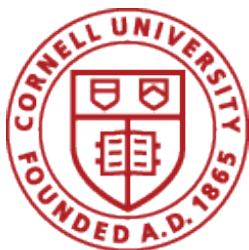
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RosBREED is a Coordinated Agriculture Project composed of a multi-state, multi-institution, and multi-disciplinary team of scientists dedicated to the accelerated genetic improvement of U.S. rosaceous crops using diagnostic DNA tools. This project is funded through the USDA-NIFA Specialty Crop Research Initiative by a combination of federal and matching funds.

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