



## Targeted Modification Of Maize Roots To Enhance Abiotic Stress Tolerance

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### The Invention

The present invention relates to crop breeding. More particularly, the present invention relates to targeted modification of root to enhance abiotic stress tolerance in maize. In one aspect, the invention provides recombinant maize exhibiting increased root cortical aerenchyma (RCA). Methods of making the recombinant maize and various methods of plant selection and breeding are further provided.

### Additional Information

#### For More Information About the Inventors

- [Shawn Kaeppler](#)

#### Tech Fields

- [Animals, Agriculture & Food : Plant biotech](#)

For current licensing status, please contact Emily Bauer at [emily@warf.org](mailto:emily@warf.org) or 608-960-9842