Breeding for improved *sh2* seed quality and

UW sweet corn breeding program update.

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Background

- Selection for improved germination and seedling vigor in supersweets.
- Selected in two supersweet and one sugary populations for four or five cycles.
- Can we make gain?
- What other changes occur?



Background

- Selected for vigorous seedlings and against number of dead seeds.
- Used controlled environments for selection.
- Evaluated
 - plant performance in the field.
 - Germination and seedling vigor in growth chamber.
 - Changes in endosperm carbohydrates



























