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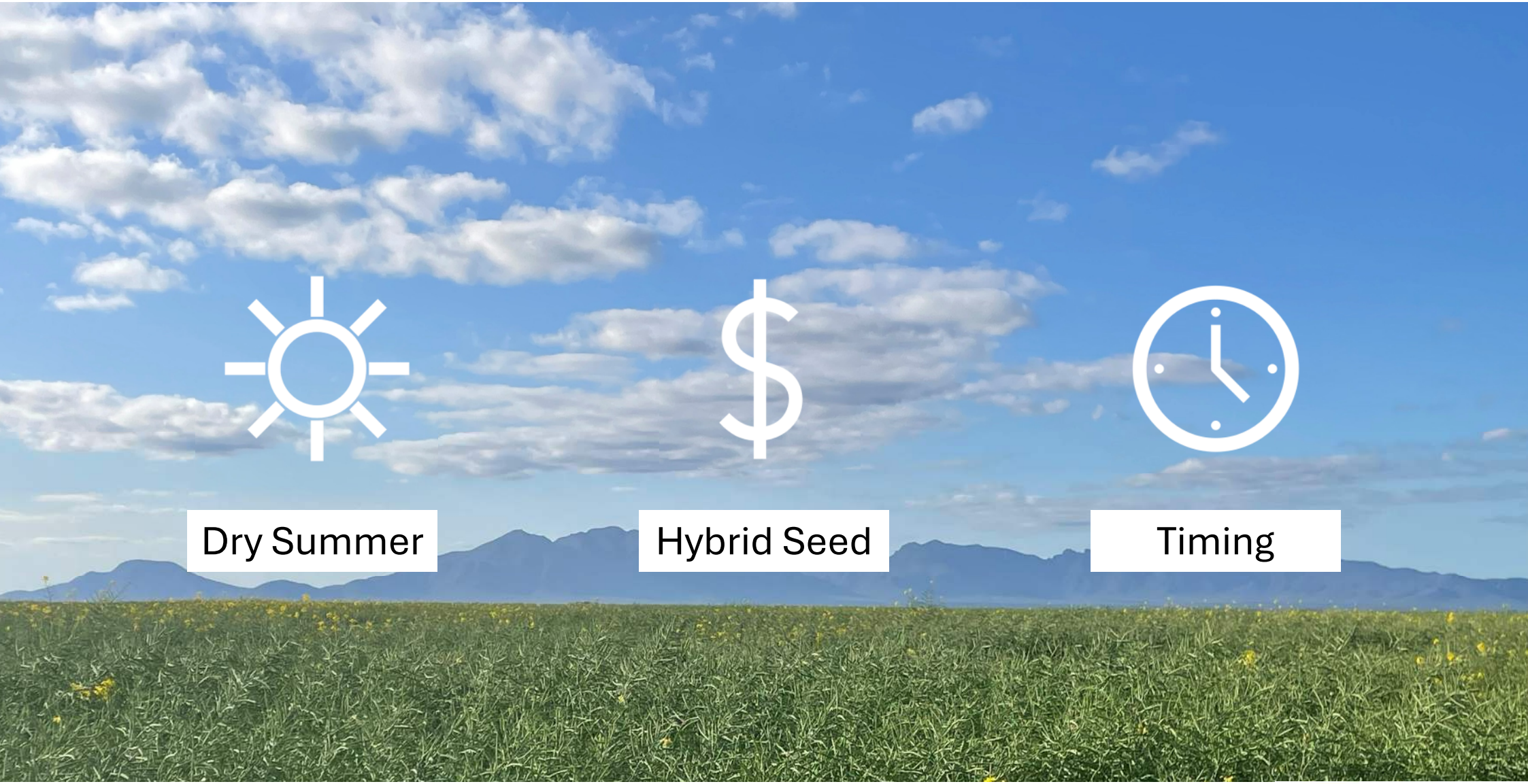
Compensatory Ability of Hybrid Canola

Chloe Rout

Supervisors: Professor Ken Flower, Dr Matthias Leopold, Dr Andrew Wherrett



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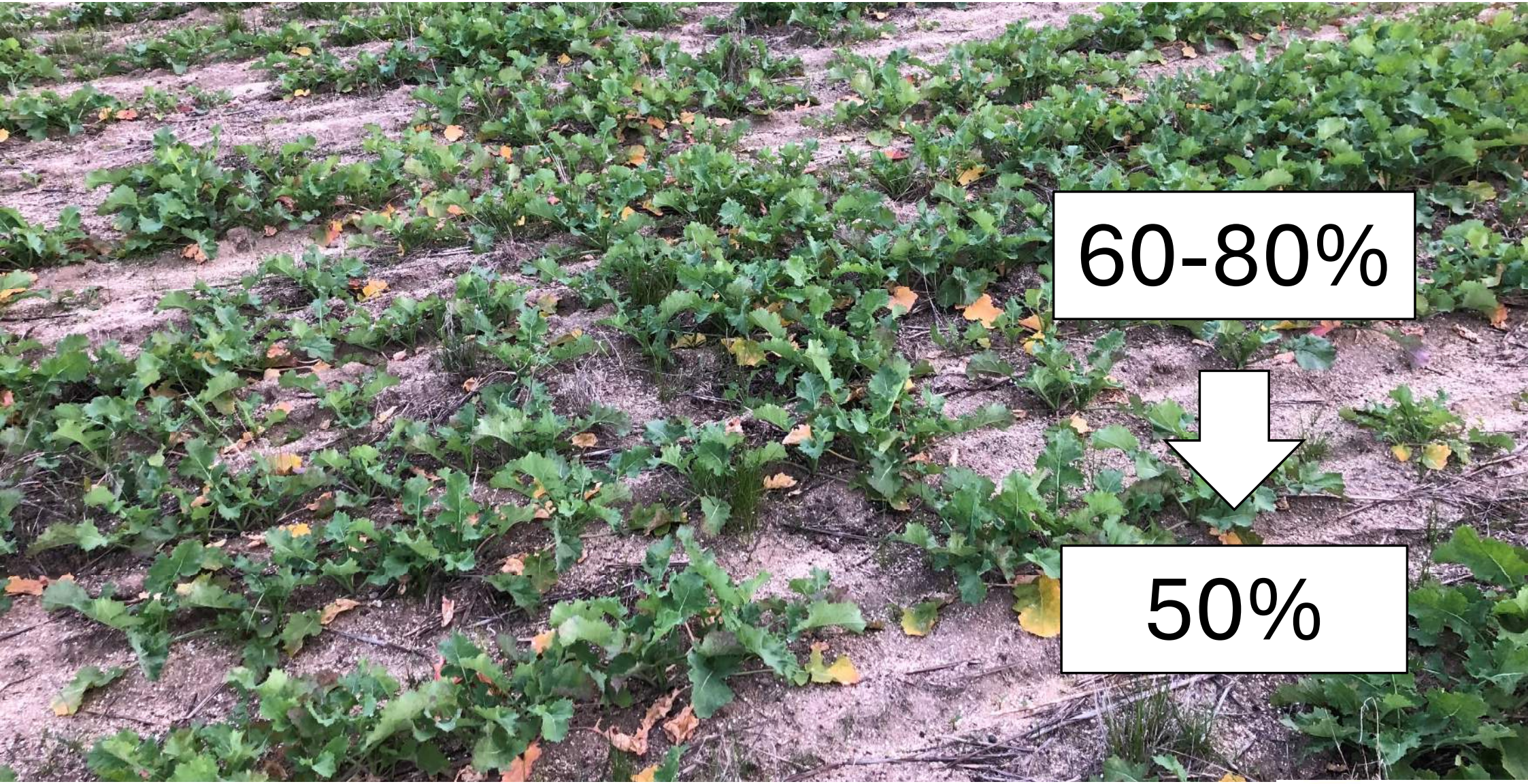

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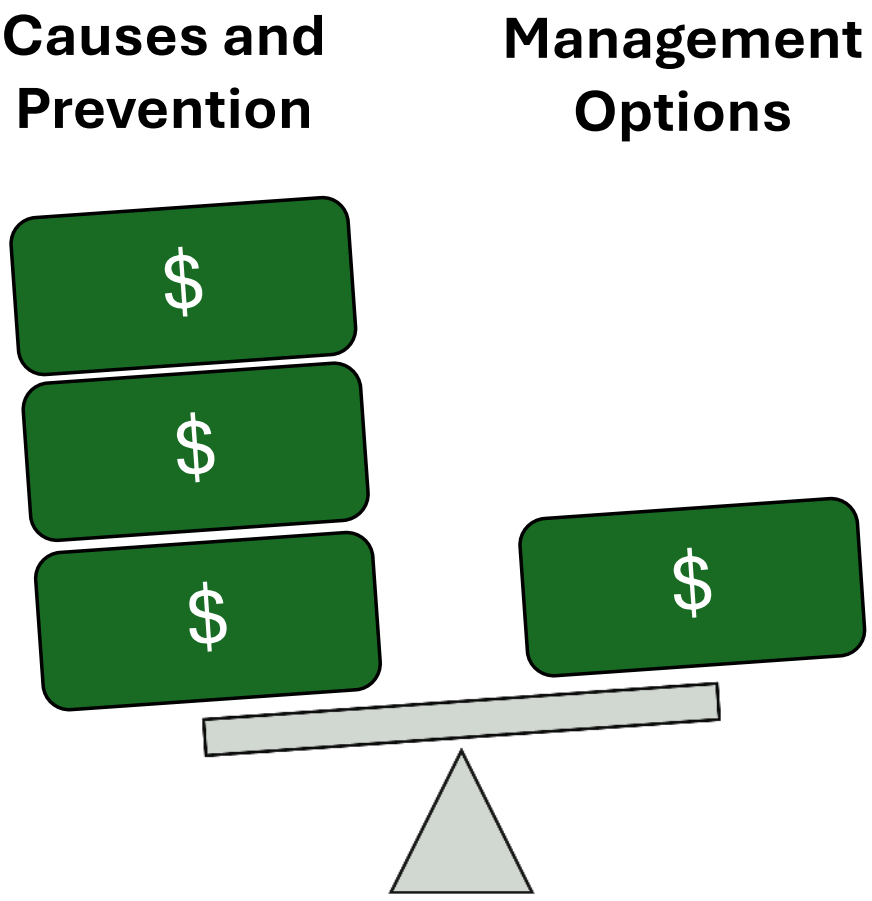
Canola Establishment Research



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What are your options?

A. Should you leave the hybrid crop and hope it compensates?

B. Should you reseed with cheap open pollinated seed?

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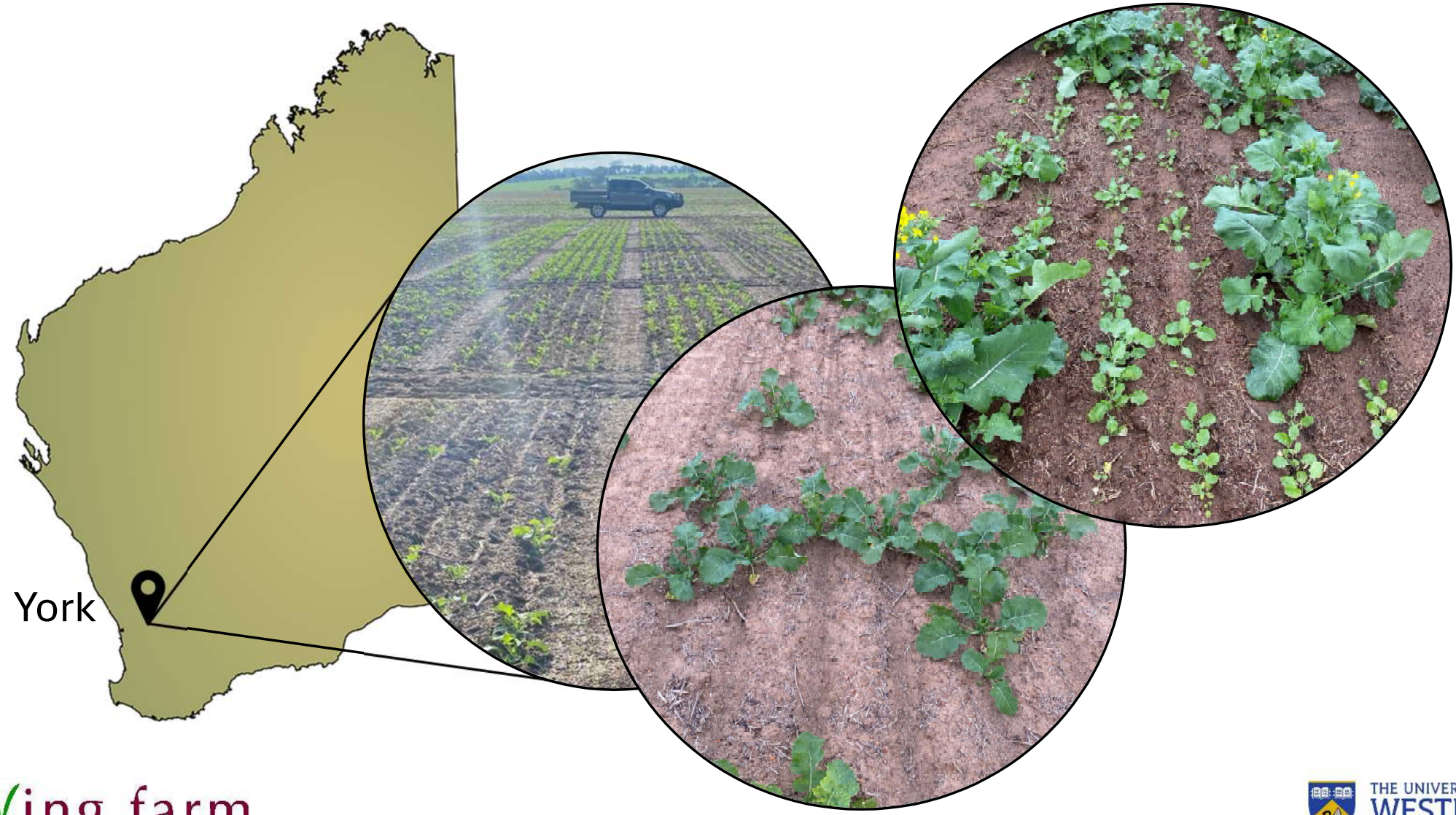

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Experiment

Hybrid	Open Pollinated
40 plants/m^2	
20 plants/m^2	
15 plants/m^2	
10 plants/m^2	40 plants/m^2
5 plants/m^2	40 plants/m^2

Resow

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Establishment

Crop Architecture

- Canopy Cover
- Podding Pattern

Yield

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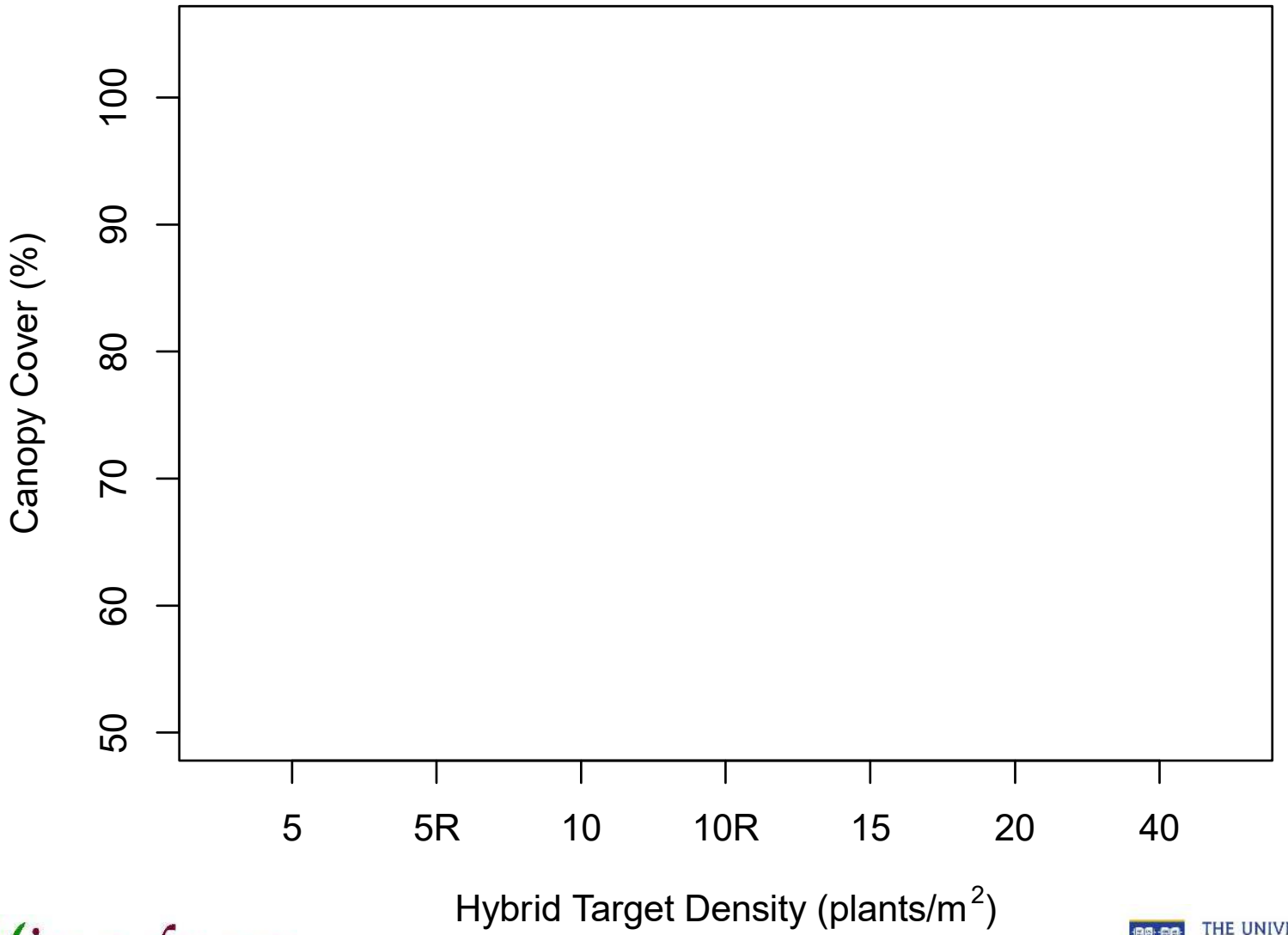

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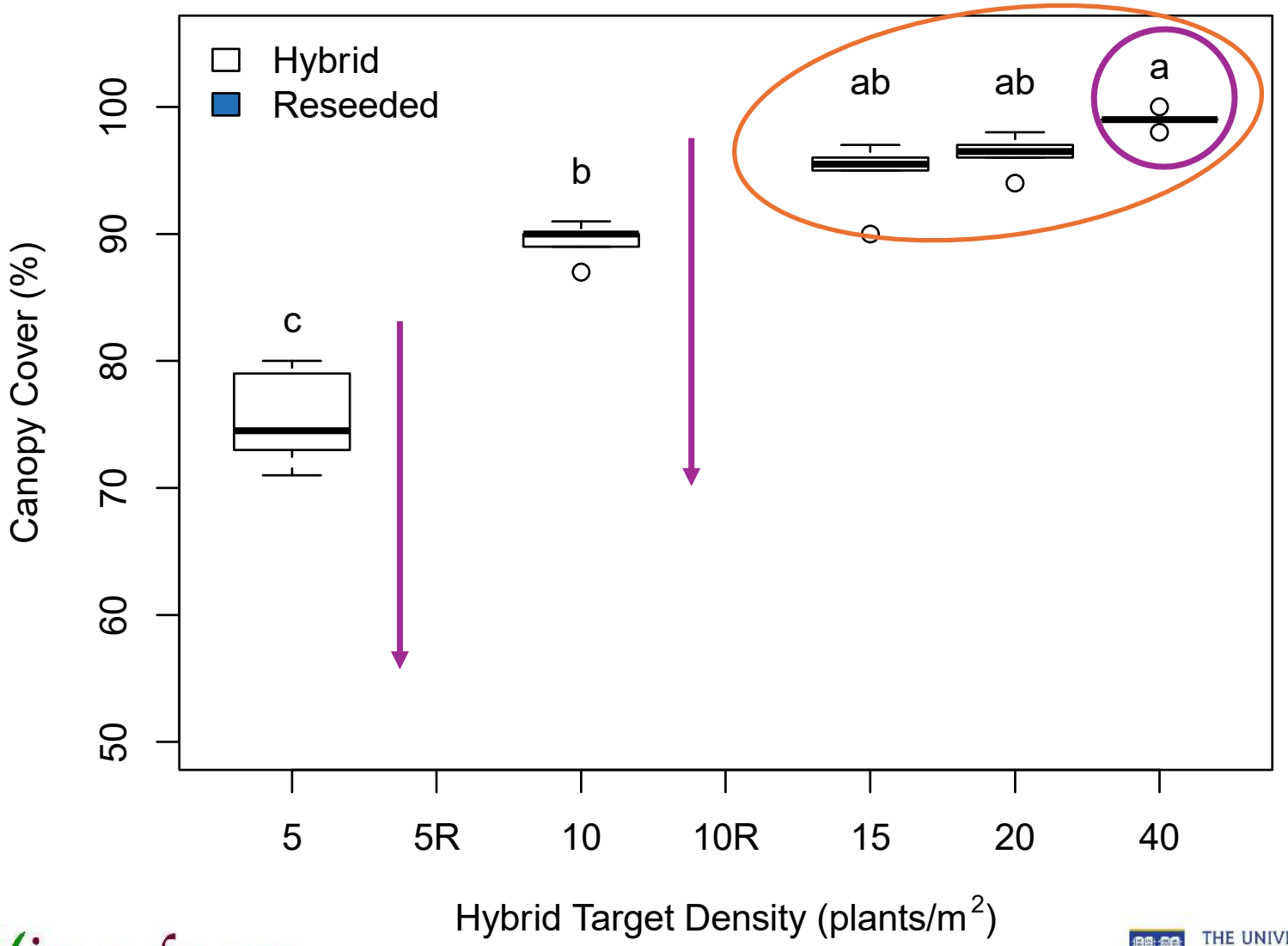

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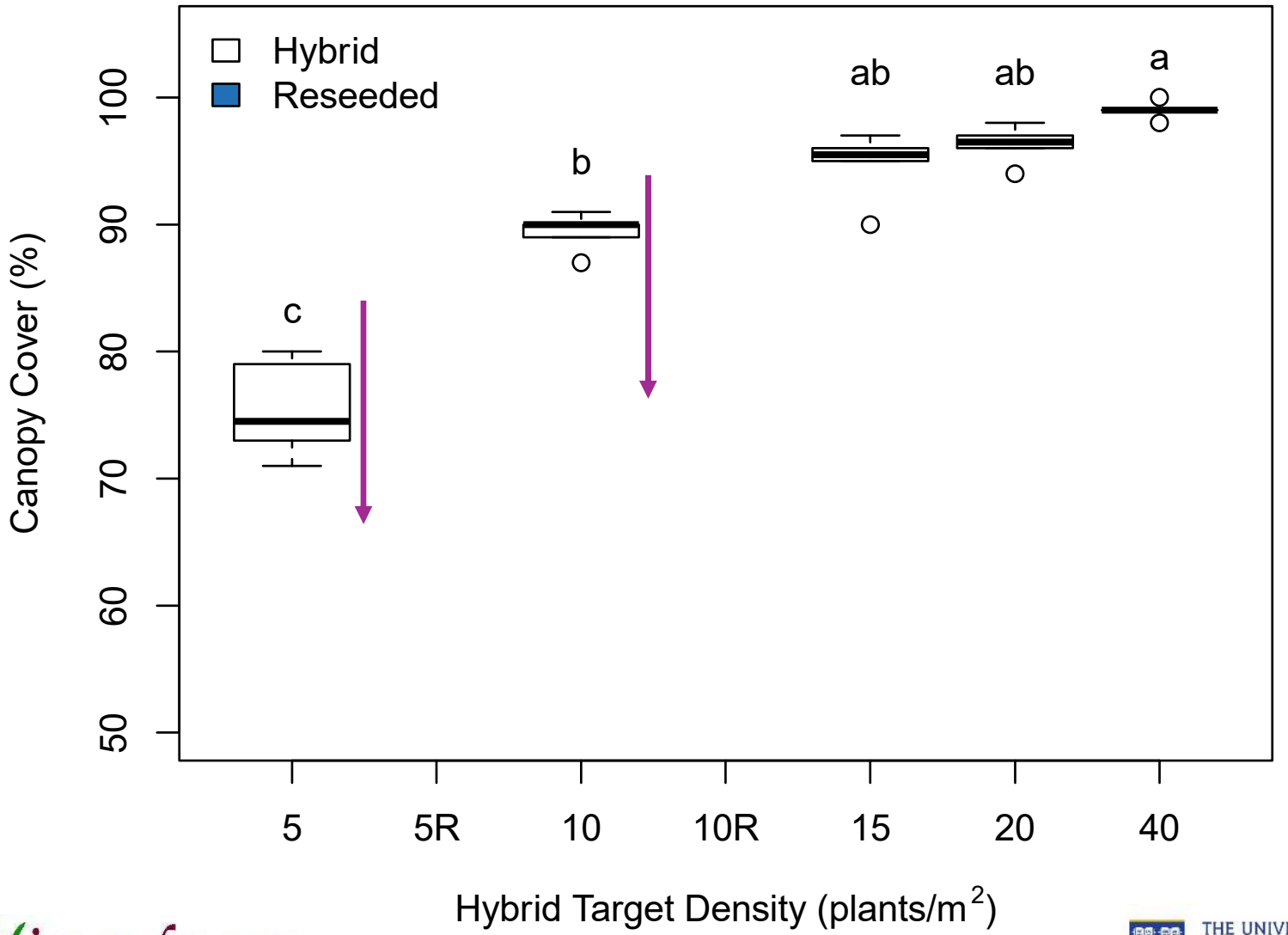

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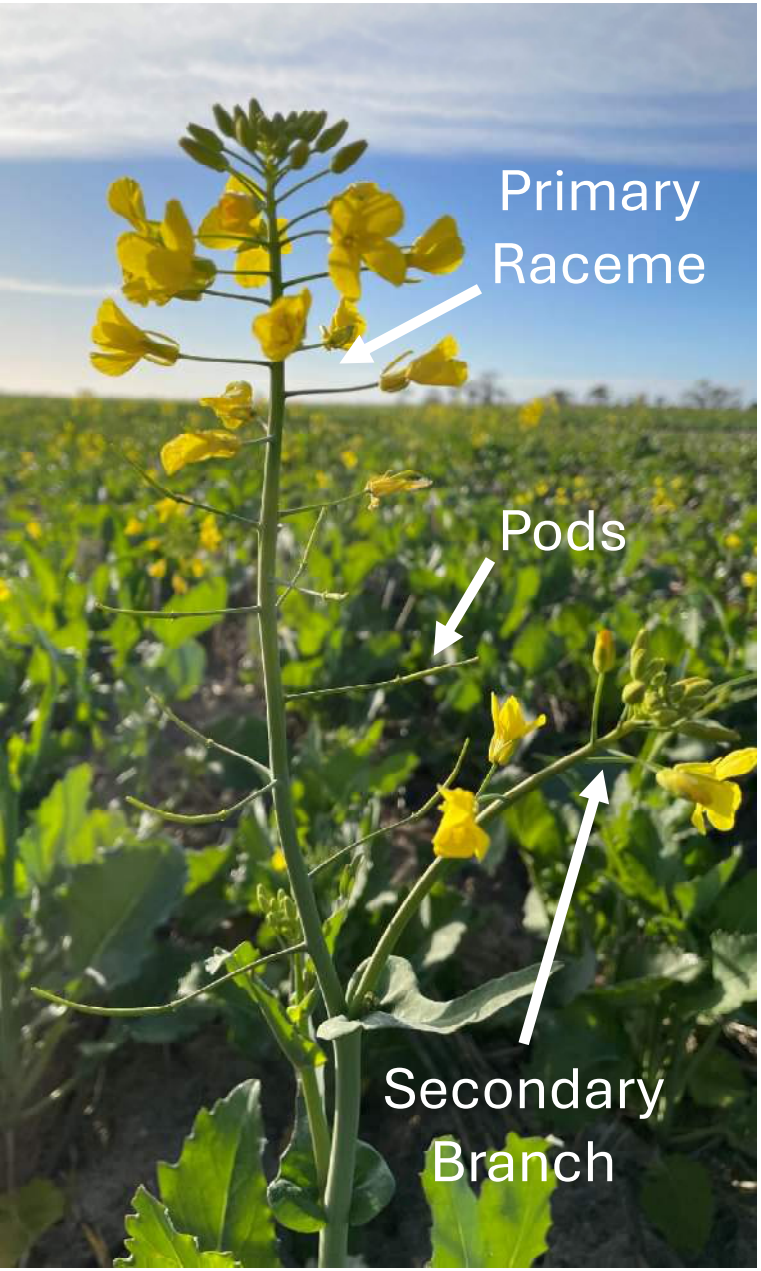

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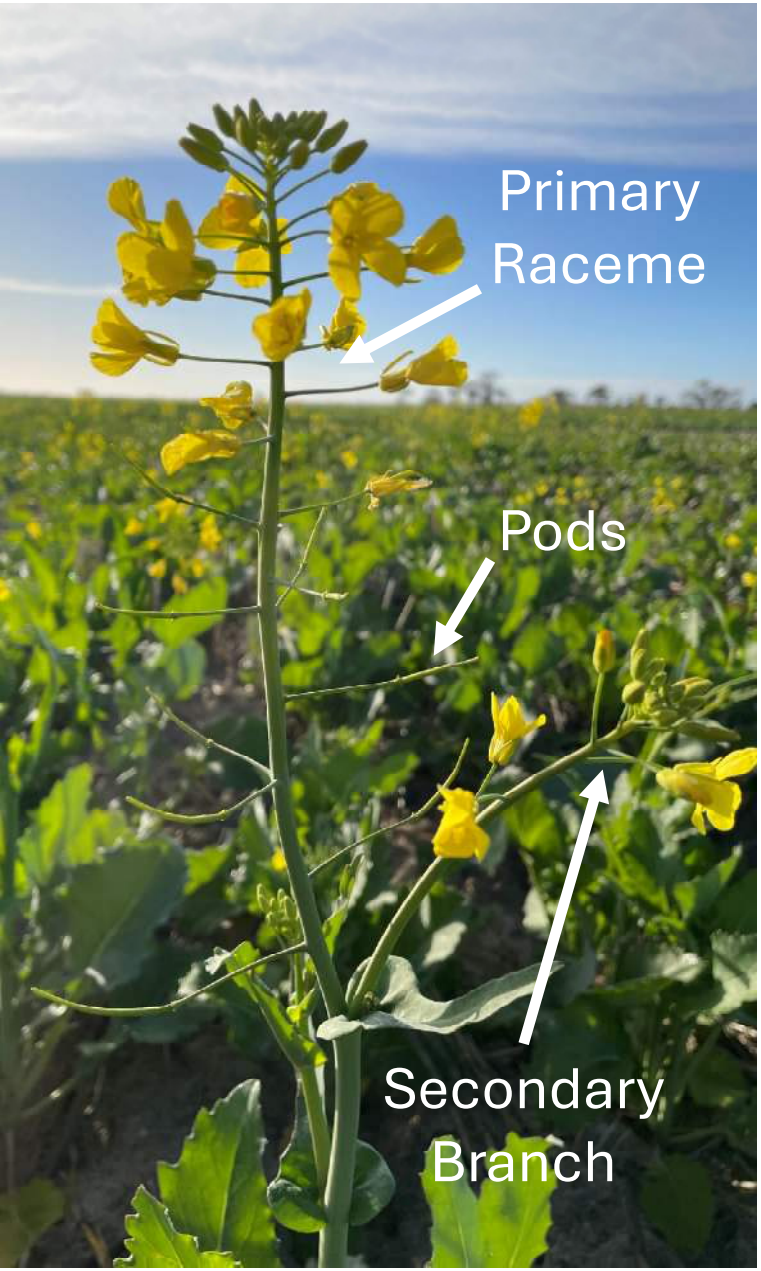

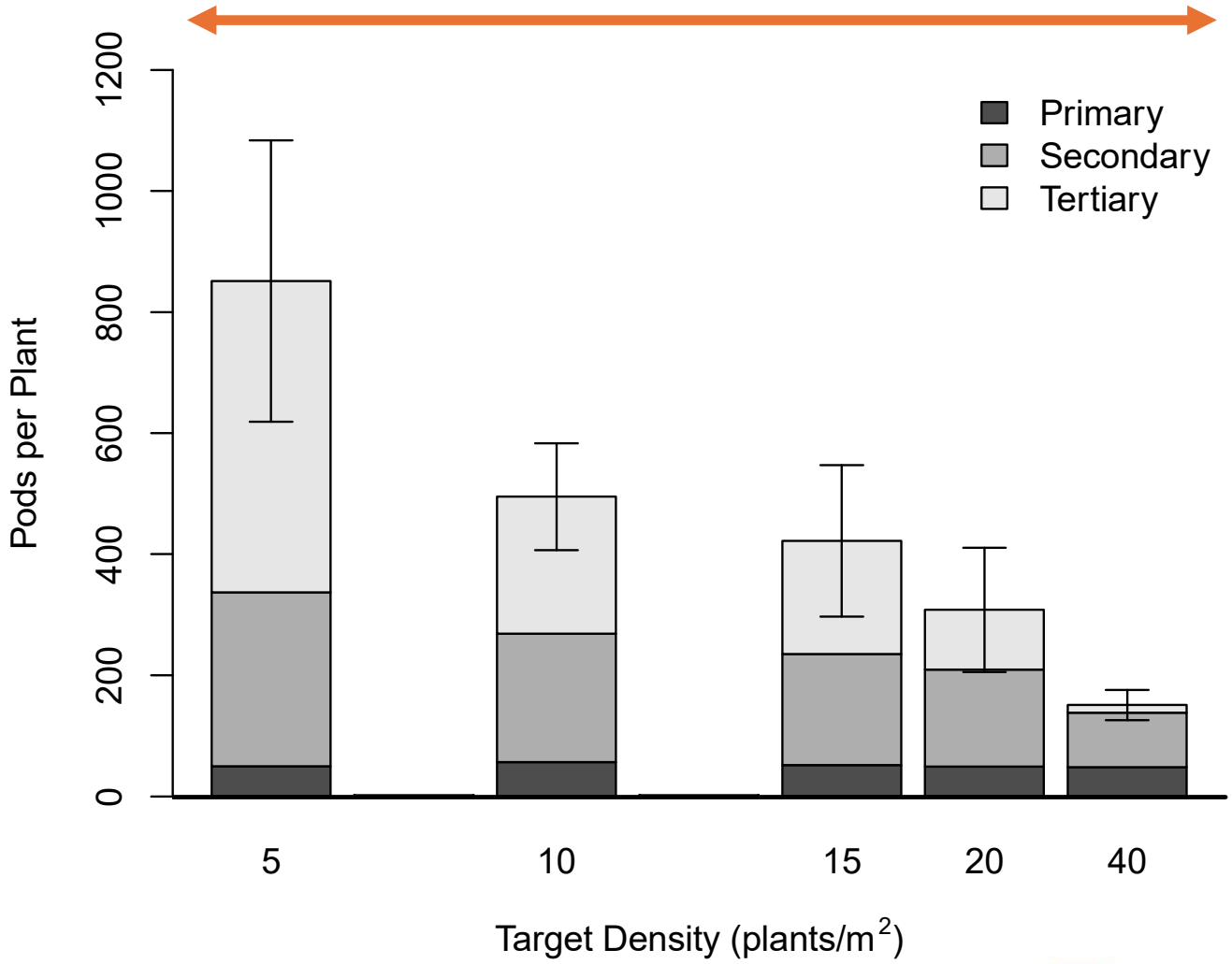

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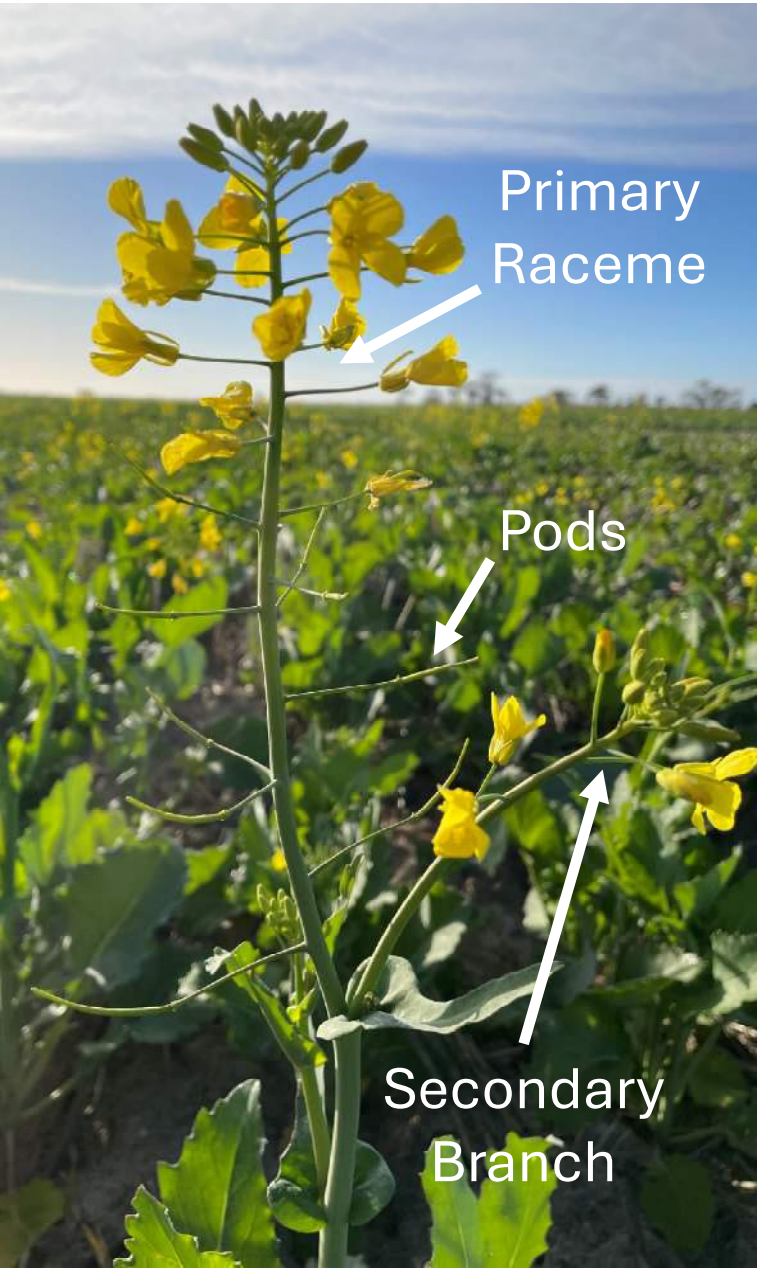

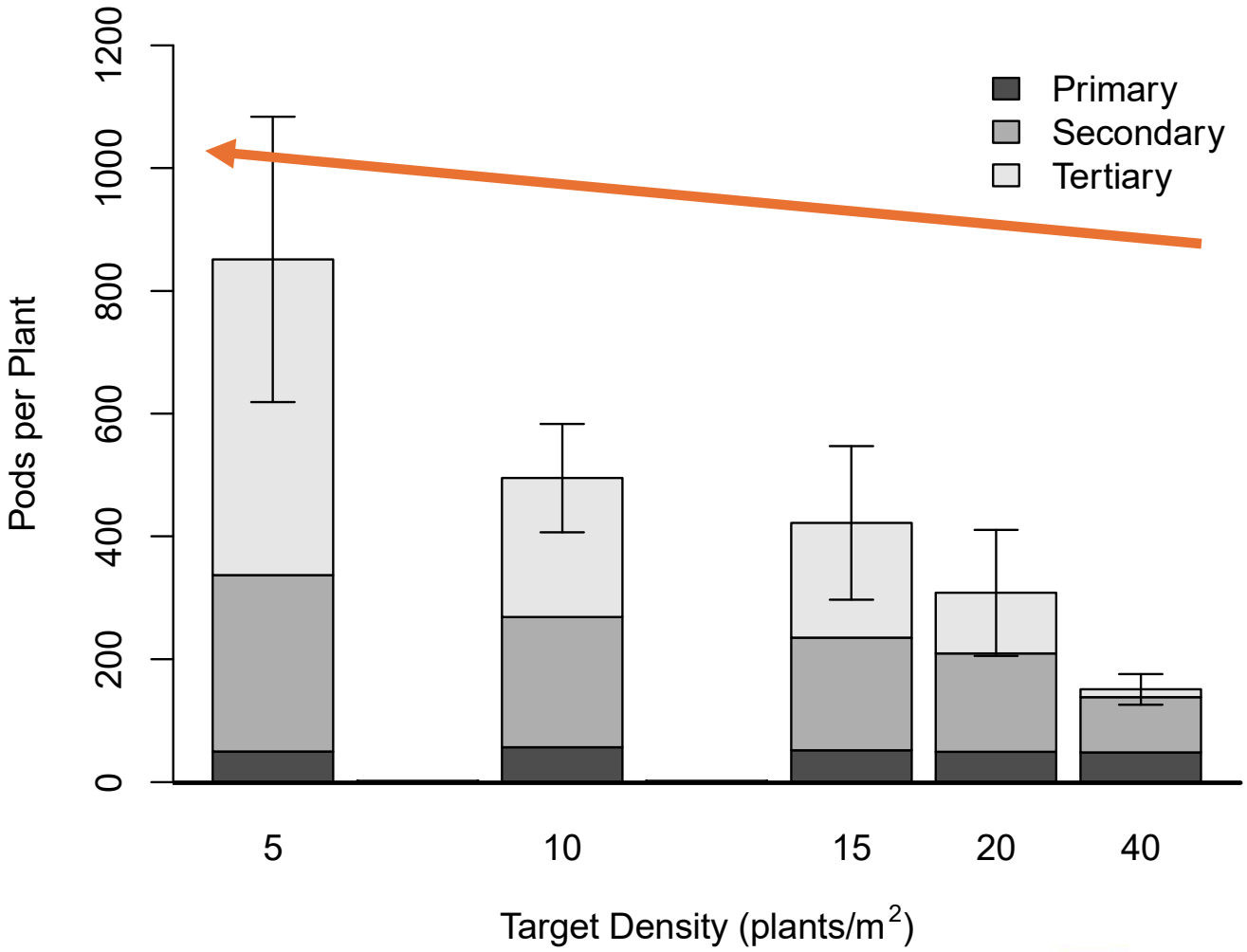

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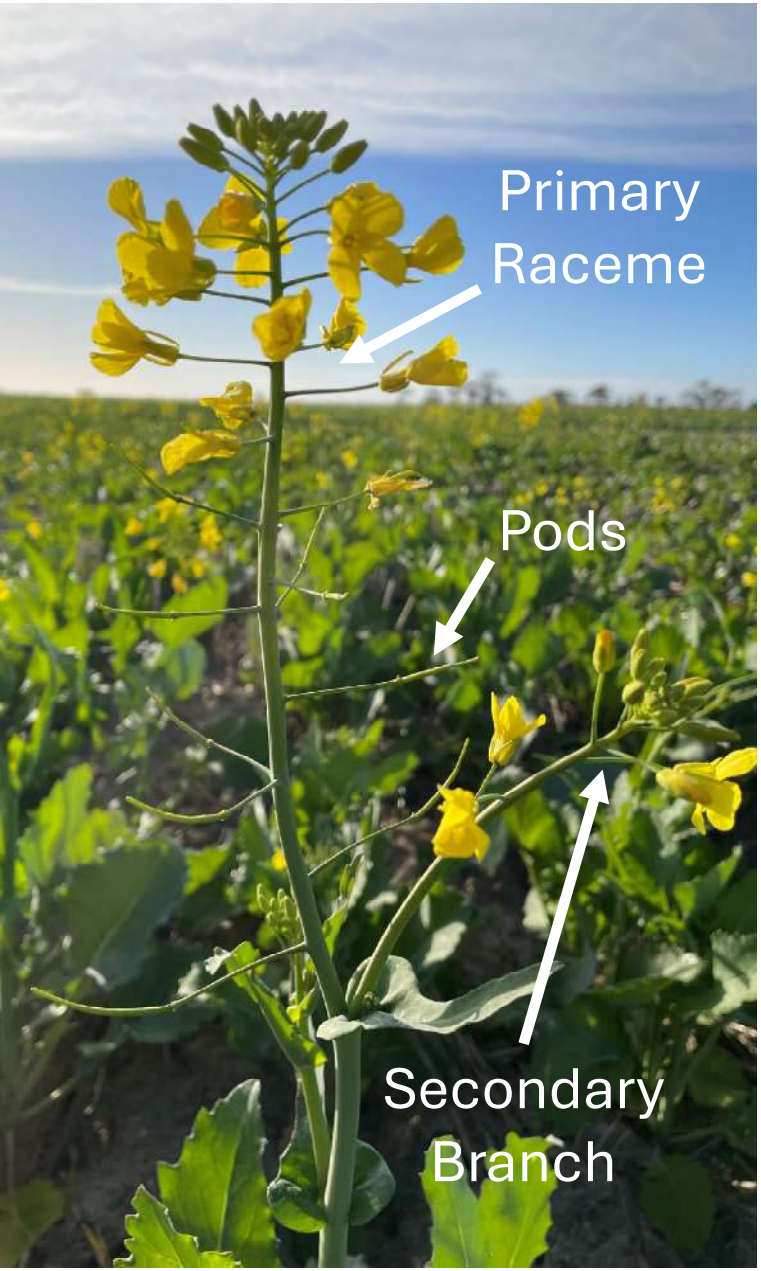

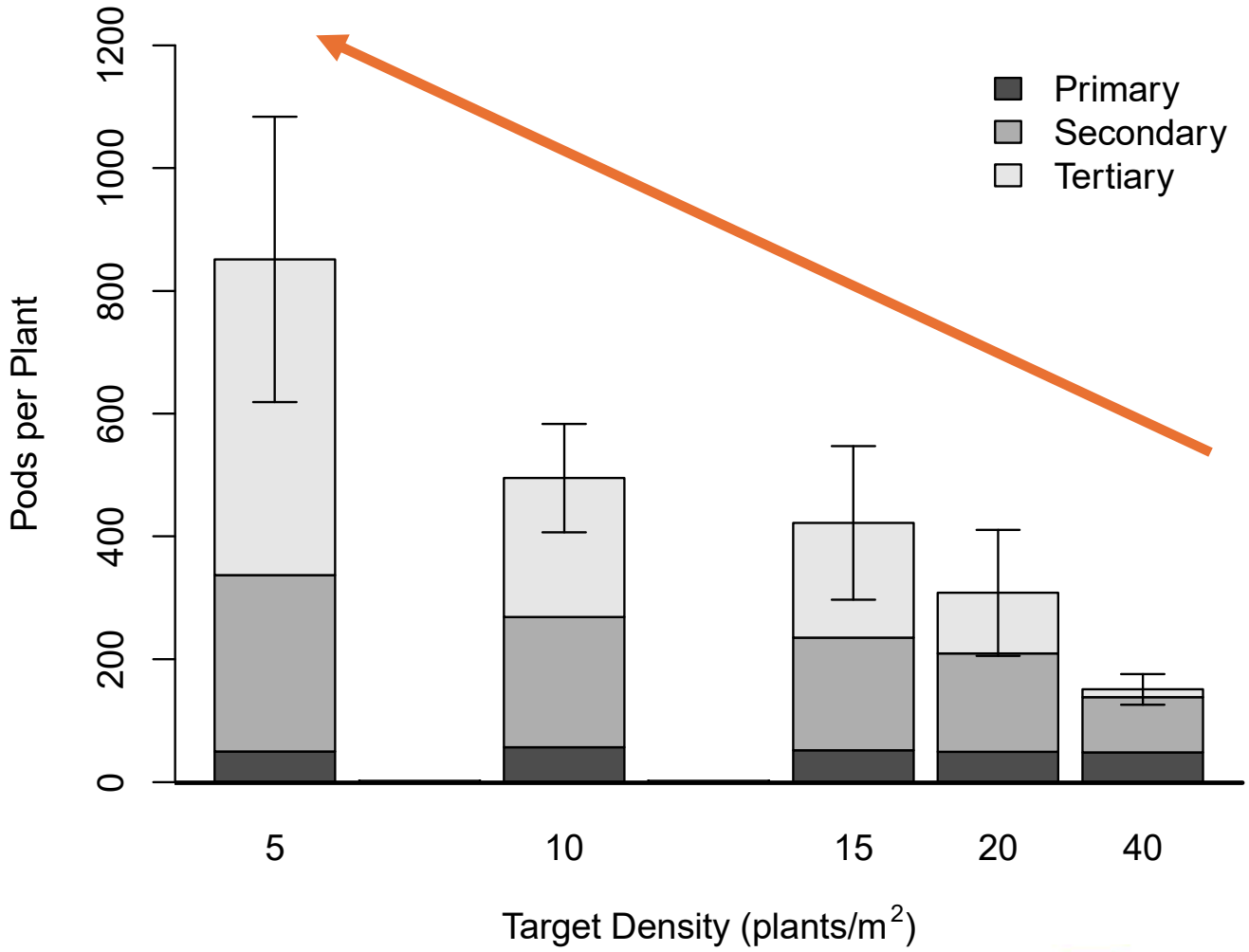

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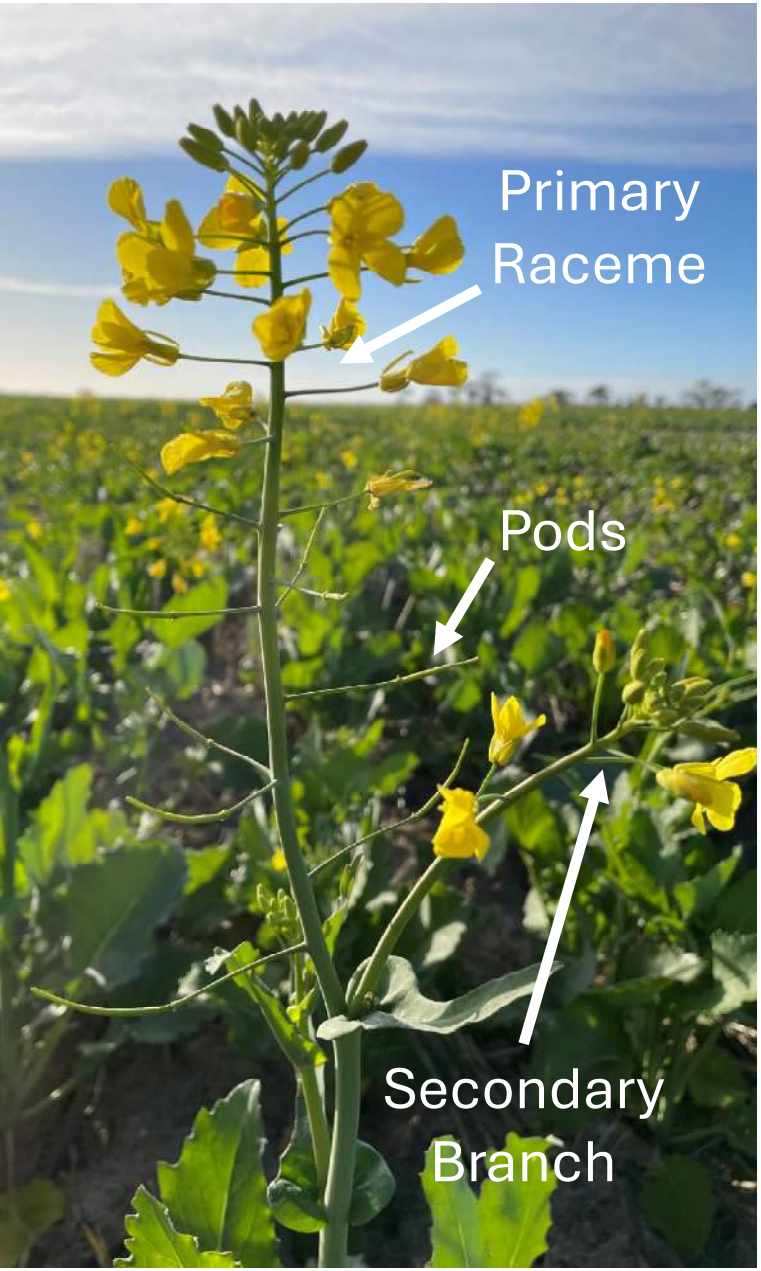

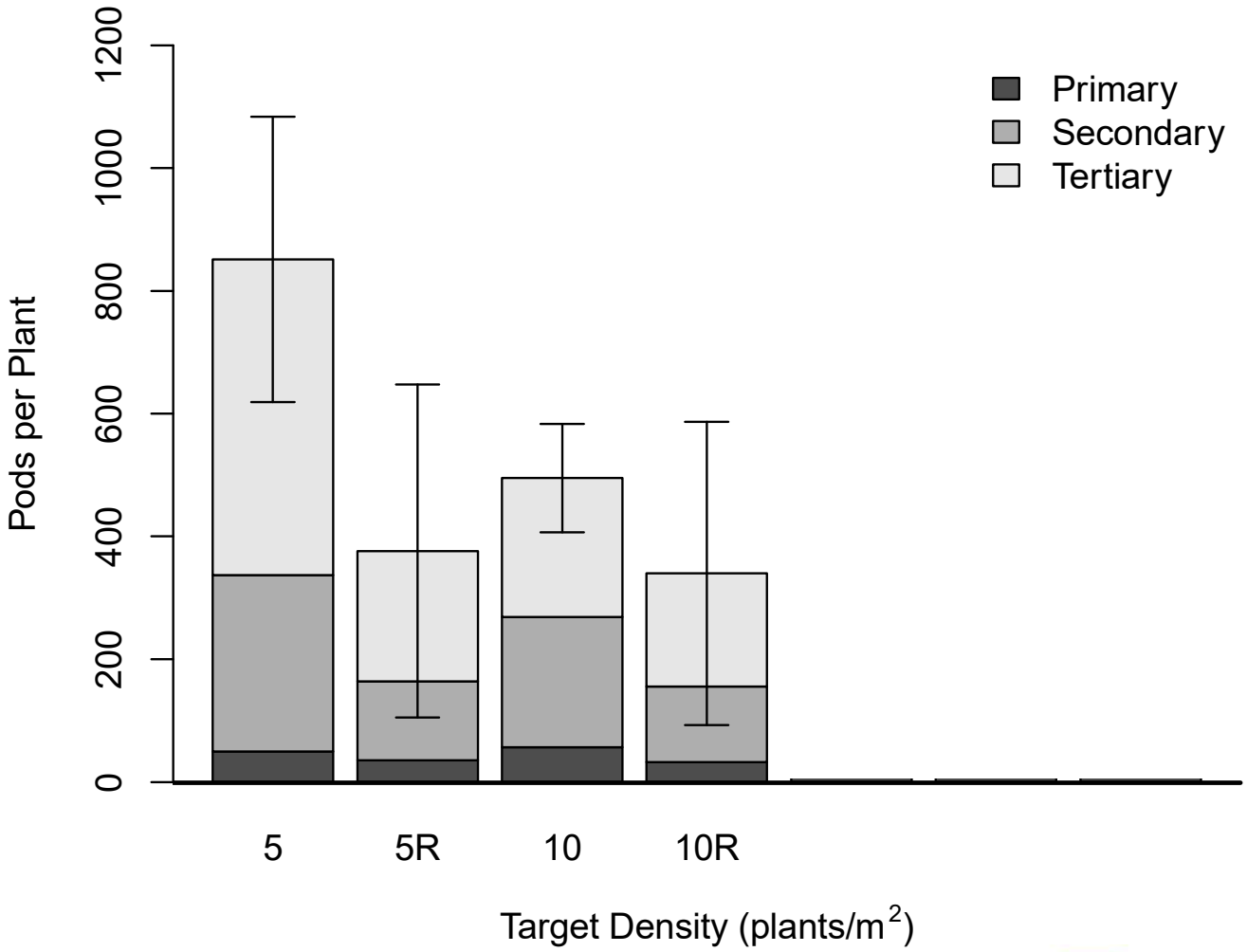

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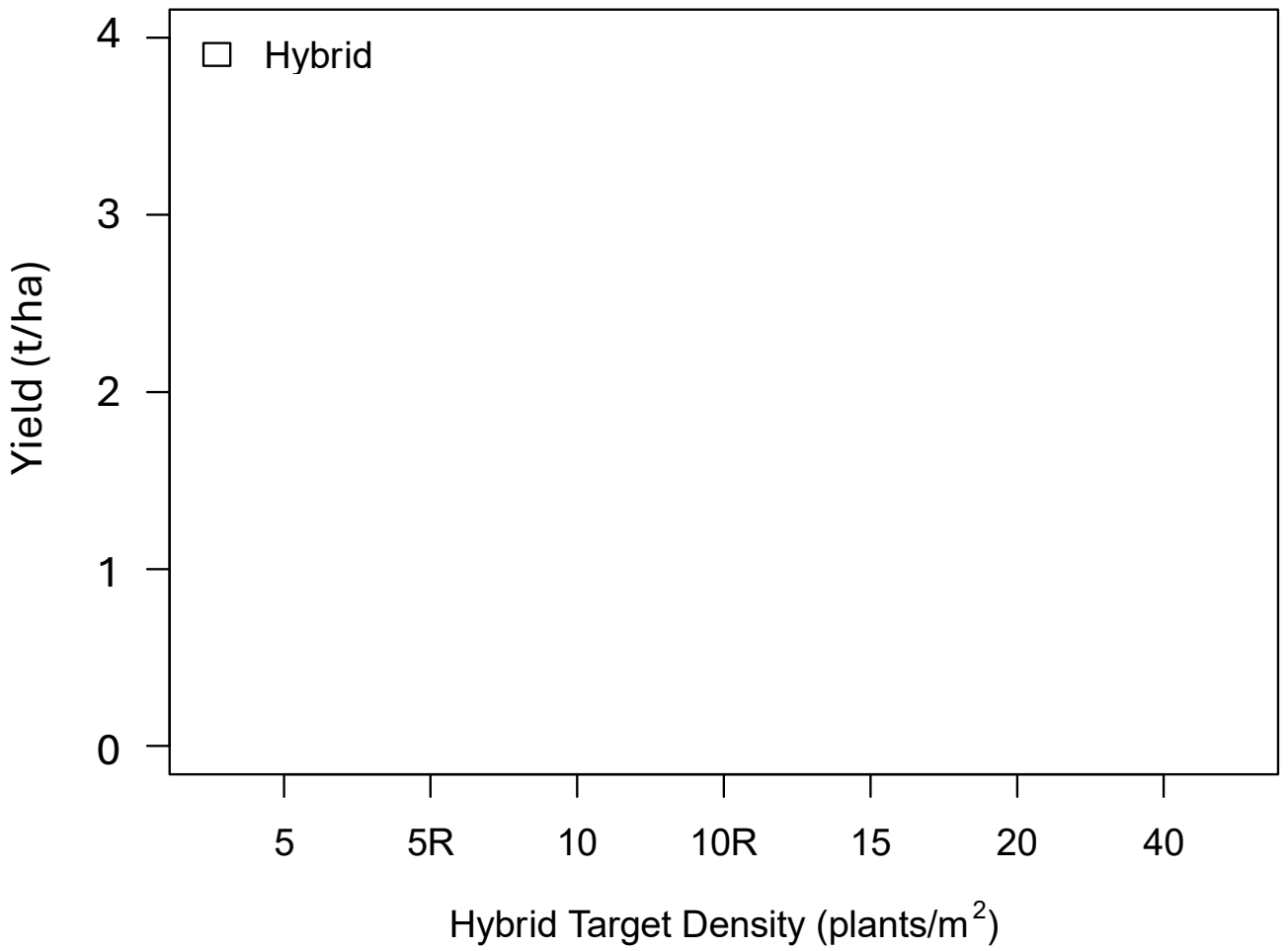

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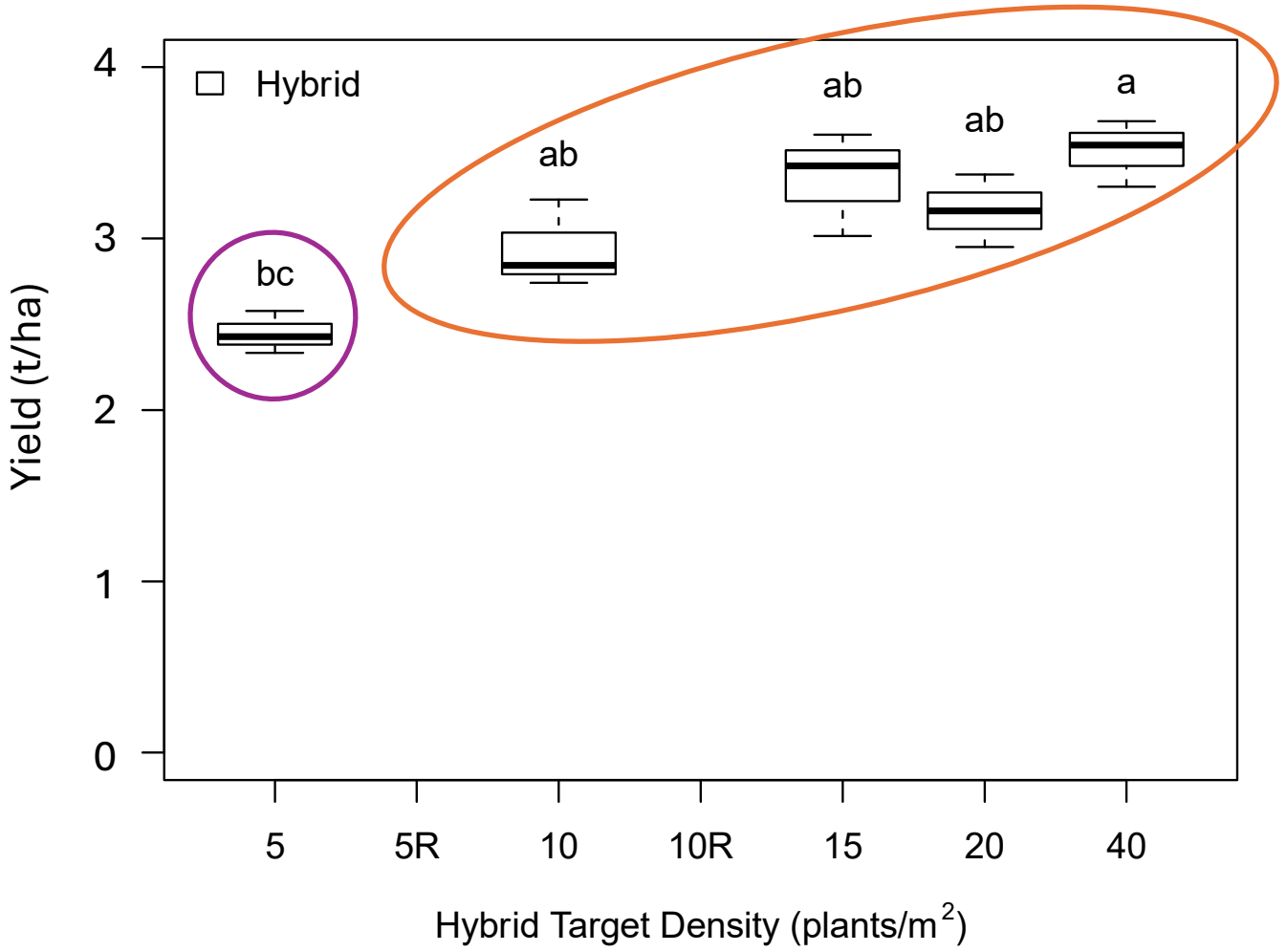

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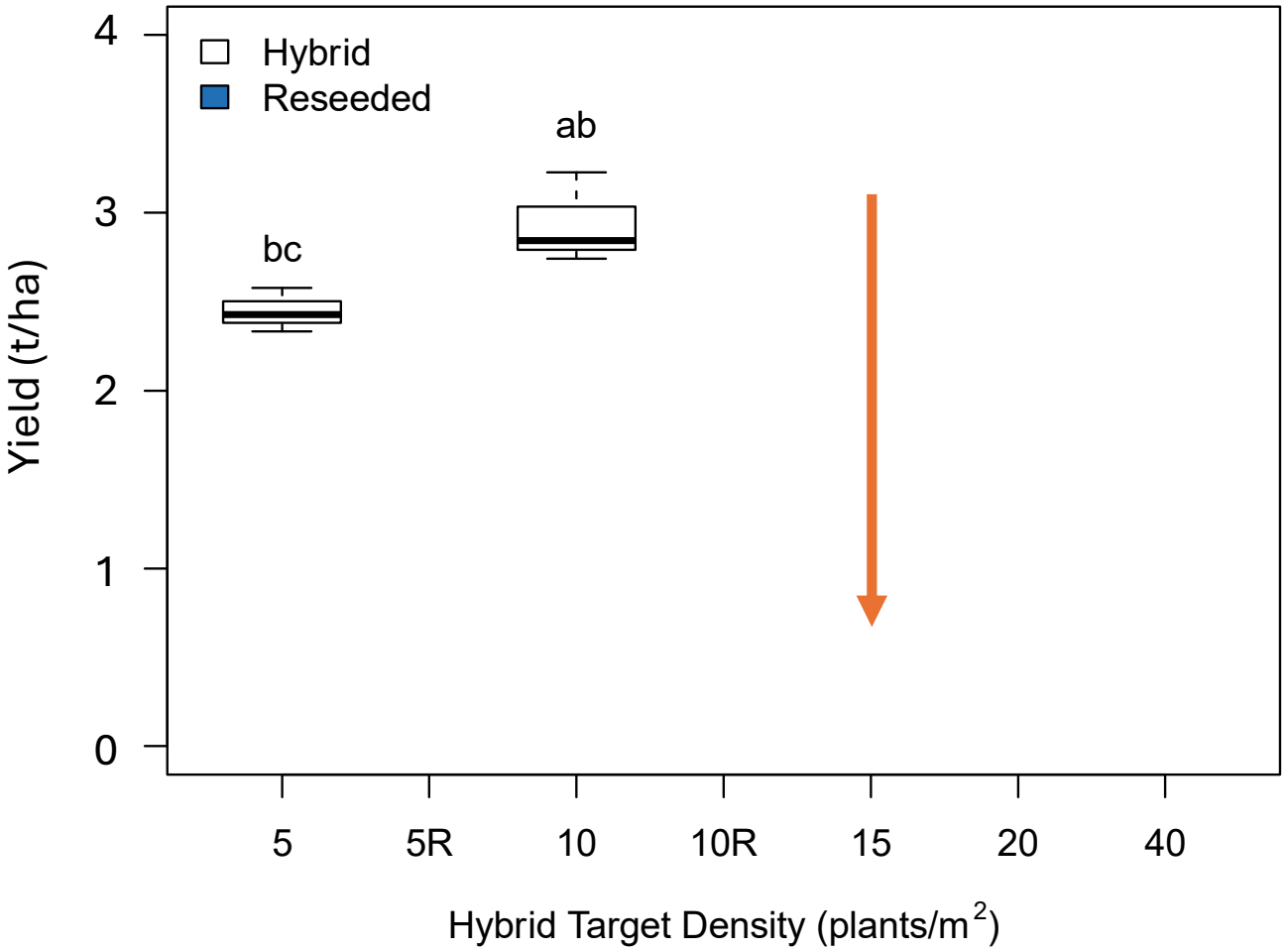

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Plant Density

In 2022, with above average rainfall …

1. Plants grew larger
2. Increased secondary and tertiary pods
3. Compensated yield

Reseeding

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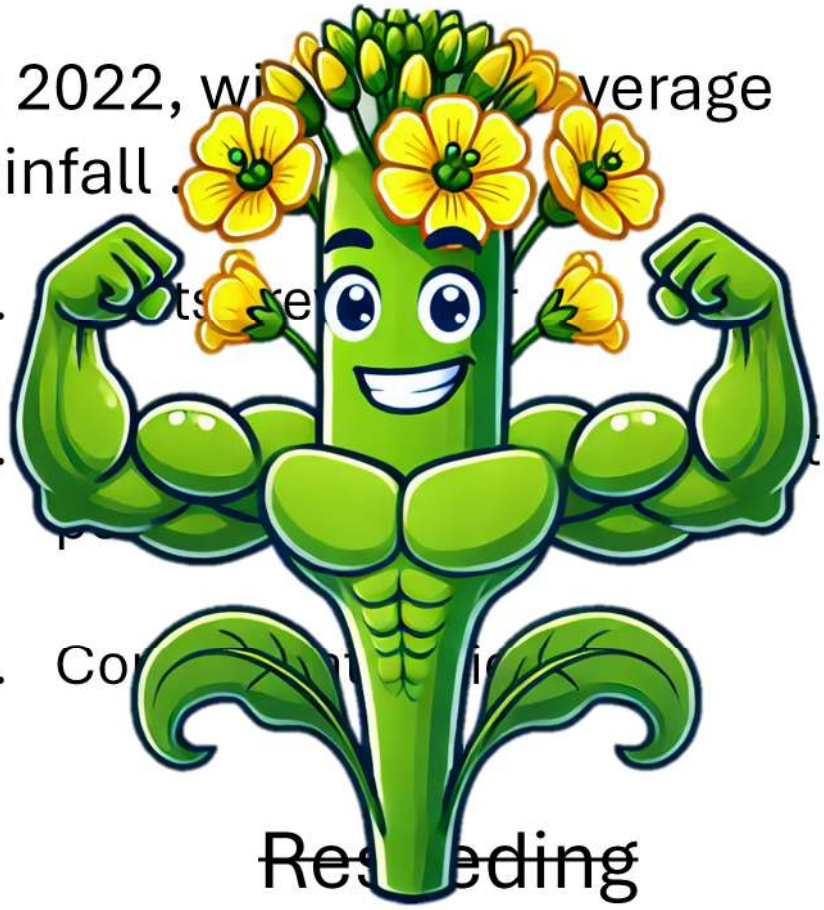
Plant Density

In 2022, wi verage rainfall .

1. ts re

2. tiary

3. Co i



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