Development of superior forage oat cultivars for sub-tropical Australia

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Breeding Objectives

- Durable resistance to crown rust (*Puccinia coronata*) using gene pyramiding & partial resistance
- High forage yield, good forage quality, late maturity and good recovery from grazing
- Wide adaptation to sub-tropical regions of Australia
- Better establishment under high soil temperatures at planting











Breeding Program

- Crossing with elite germplasm and selection to develop commercial cultivars
- Glasshouse pot tests for seedling reaction to crown rust
- Field screening nurseries for resistance to crown & stem rust
- Multi-cut plot trials with forage harvester to select for high forage yield & quality
- Multi-location evaluation trials to select for local adaptation











Financial Support







