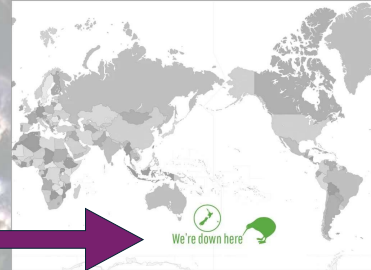


Blackcurrant Breeding in New Zealand

History of NZ Breeding

- Originally:** based on Magnus and older English varieties (Daniels Sept, Baldwin)
- 1980's:** Added Malcom Anderson's seedlings, SCRI. Key selections:
- Ben Ard
 - Ben Rua
- 1992:** Geoff Langford starts breeding
- 1990's:** Importation of key parent material
- East Malling gall mite resistance
- 1997:** 1st selection: Murchison; still grown
- 2010:** Nardjanardja imported, aiming for clearwing resistance but not found
- 2024:** Geoff Langford is still breeder!



Latitude 43.5 South

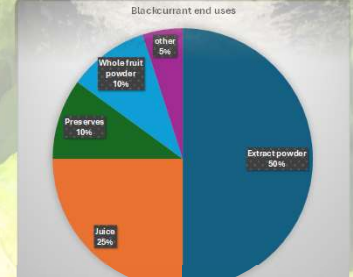


Lucky to get >900 hours under 7°C

Highest per capita ice cream consumption in the world (28 litres/person)

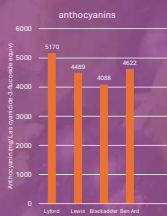
Outline of program

- Small scale:
- \$25,000/year (€14000)
 - 300-500 seedlings annually
 - Seedlings and parents evaluated on farm (Waipuna)
 - Tight focus on key objectives
 - Goal is 1 release every 3 years



Releases to date:

- Ben Ard
- Ben Rua
- Blackadder
- Christina
- Isobel
- Kepter
- Lewis
- Murchison
- Stewart
- Victoria
- Lyford



Breeding targets:

1. High Yield (10+ Tonne/ha)
2. Consistent Yield—means adaptable to low chill
3. High Anthocyanins
4. Pest and Disease Resistance

Secondary targets

5. Spread of flowering and harvest timing
6. Manageable bush habit
7. Versatility for end uses

