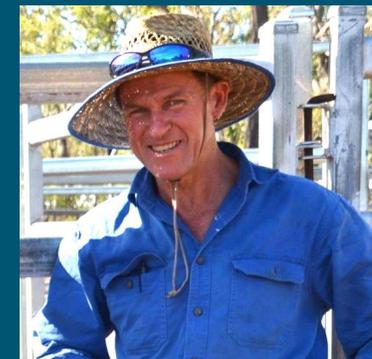




Leucaena in North Queensland

Recent performance and
producer experiences

Craig Lemin
DAF Mareeba



Queensland Pasture Resilience Program



Australian Government

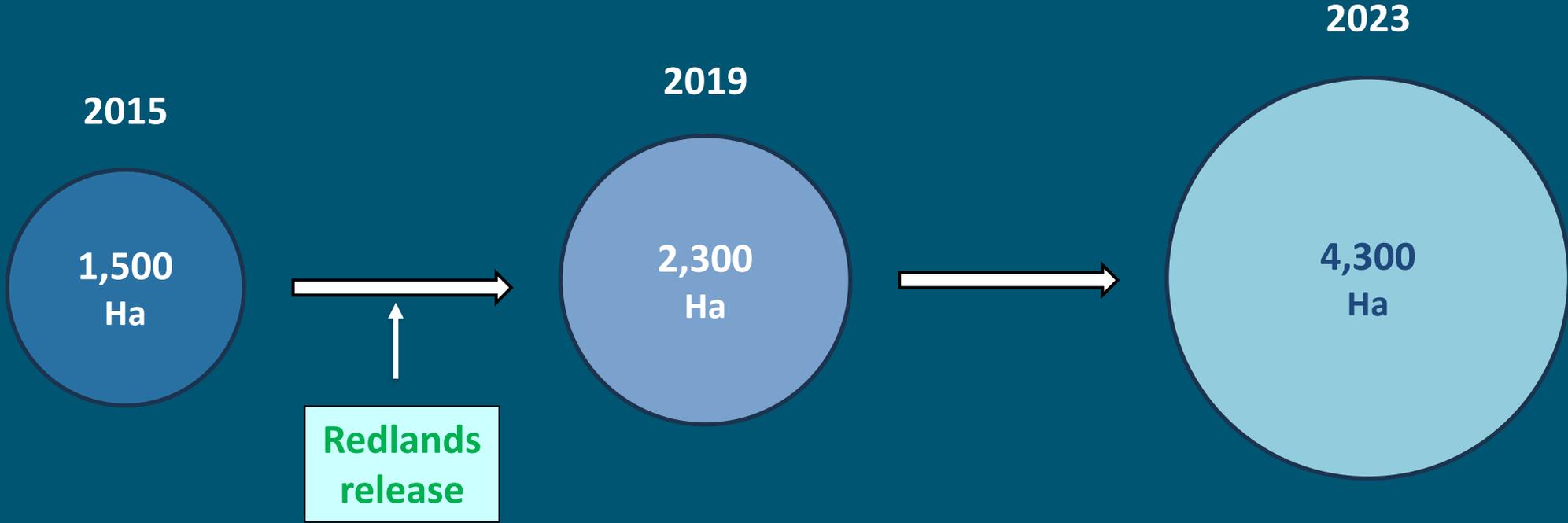


MEAT & LIVESTOCK AUSTRALIA



Queensland Government

Adoption increasing in north Queensland

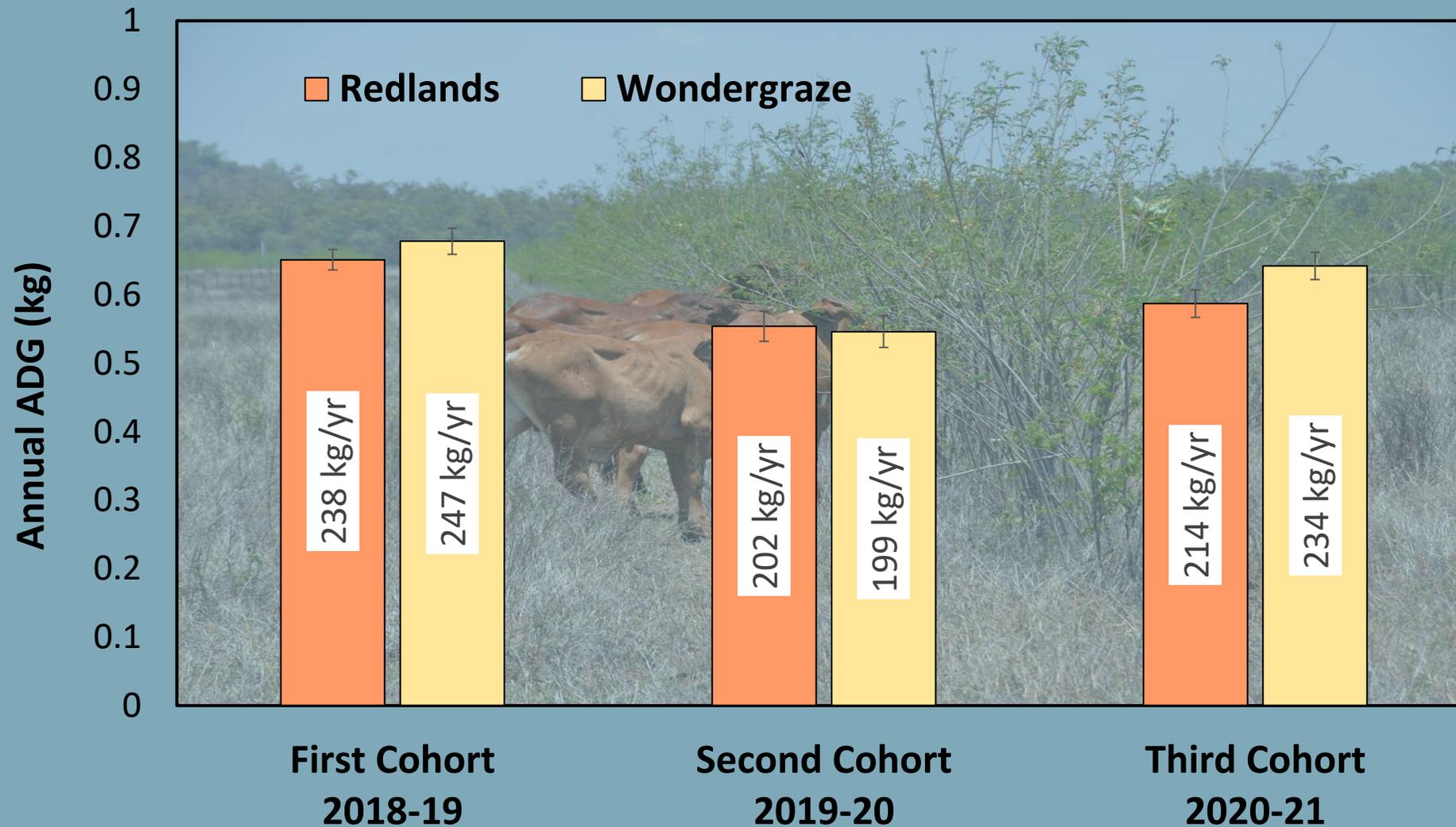




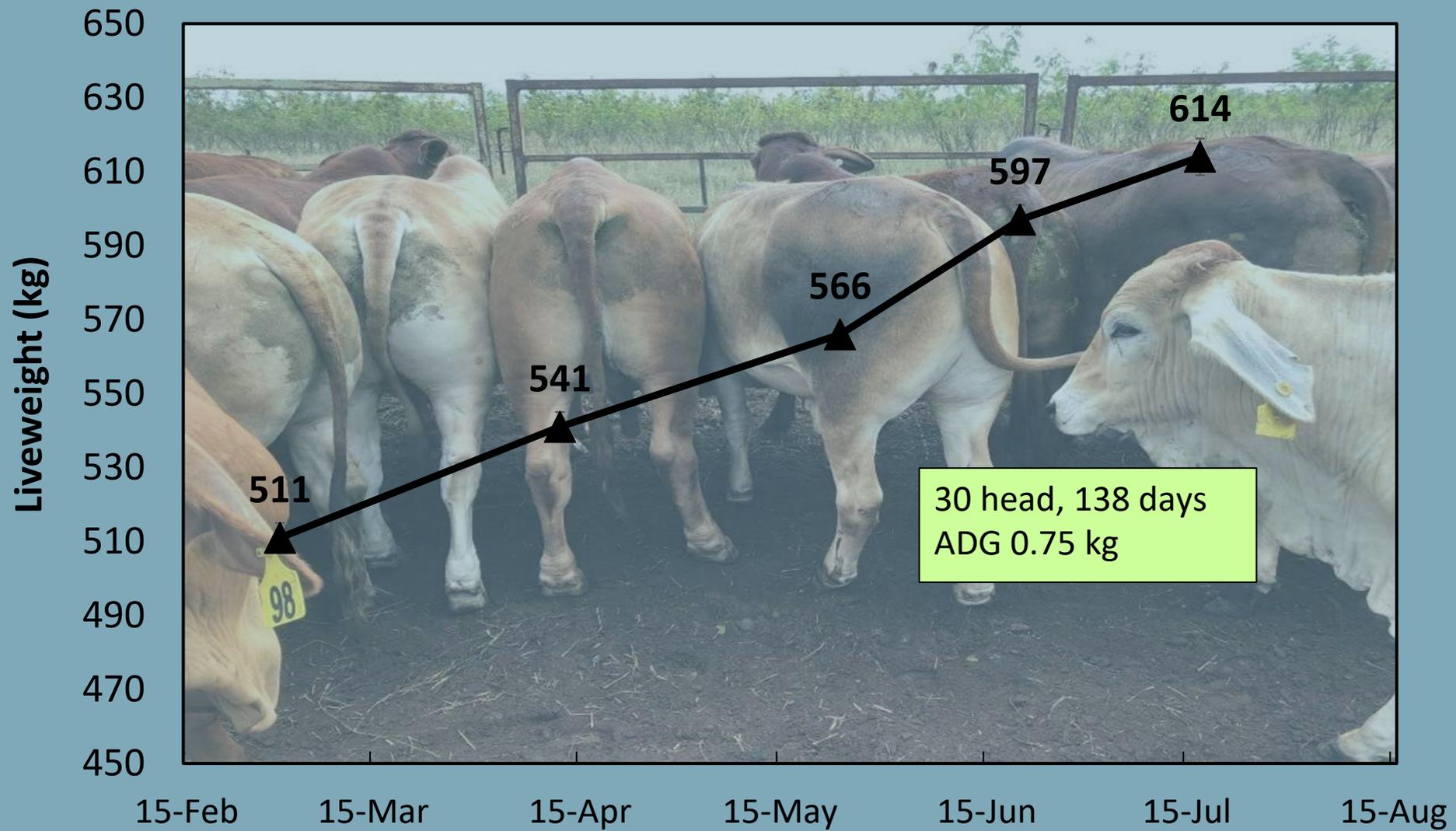
Pinnarendi LWG Experiment

- 61 Ha
- 8 replicated paddocks
- Redlands versus Wondergraze
- 2017-2022
- 3 x cohorts of weaner steers
- cut December 2021
- heavyweight steers finished

Pinnarendi LWG Performance – weaner steers, 2018-21



Pinnarendi – heavyweight steers, 2022



Establishment in NQ

- select your best soils
- NQ – alluvials, red-earths, basalts
- seed-bed preparation and weed control
- plant in wet-season > usually in prepared strips
- plant in autumn on wet coast
- only establish what you can manage



Single or double row?

- no right or wrong choice
- what works for you
- single rows easier for pruning
- double rows keep leucaena smaller





Psyllids - is Redlands worthwhile?

- no advantage demonstrated at Pinnarendi
- Redlands has clear advantage in psyllid prone areas
- significantly affected on coast (Wet Tropics)
- susceptibility and existing highly productive pastures limiting adoption on WTC and Atherton Tablelands



The problem of underutilised leucaena

- vigorous growth during wet-season when cattle preferentially graze pasture
- inter-row pasture decline leucaena out of grazing reach expensive mechanical control
- wider row-spacing frequent light cutting grazing management new varieties?



Contact

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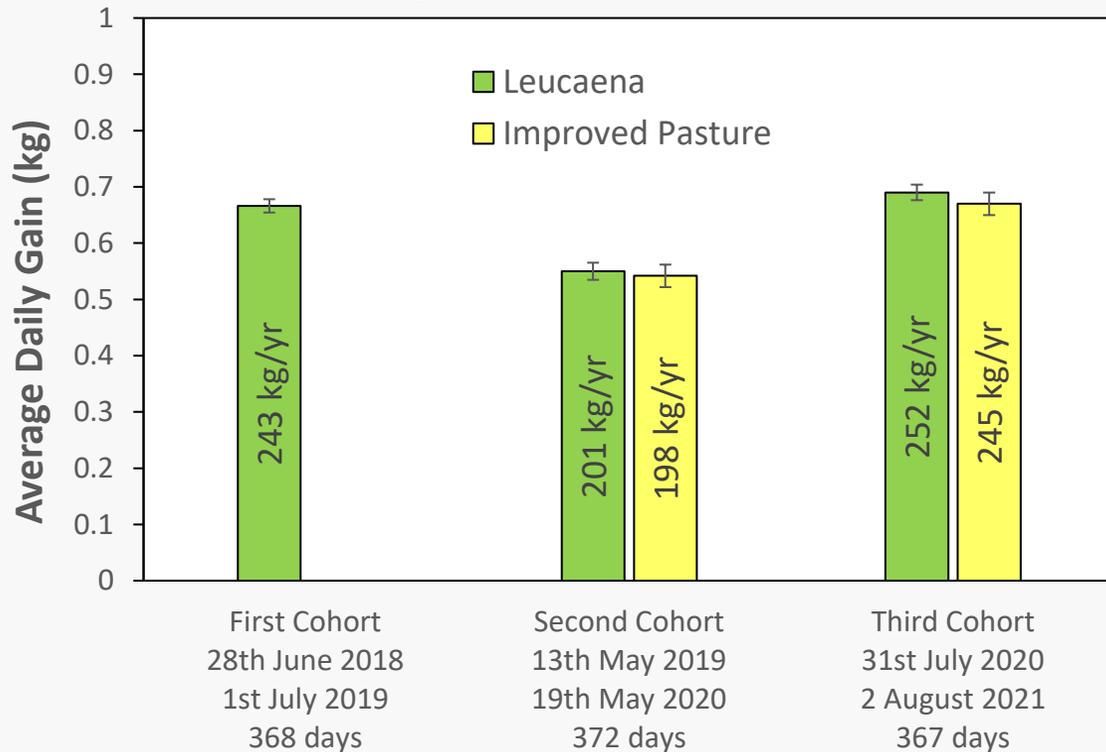


Pinnarendi LWG Performance – weaner steers, 2018-21



Annual Liveweight Gain

Successive cohorts of weaner steers grazing leucaena and improved pasture at Pinnarendi



Annual Productivity

Successive cohorts of weaner steers grazing leucaena and improved pasture at Pinnarendi

