



# IREC Discussion Group Meeting

Project Update 2020



# Today's Points

Agenda



1

## Winter Crop Diseases 2020

- Summary of what's seen
- Considerations for 2021



2

## Durum Wheat Project

- What we are doing
- Results so far



3

## Mungbean Production

- Considerations for planting



# 3 Disease Seen in 2020



# 4 Management Strategies For 2021

Key considerations:

- Know your risk level
- Understand your varieties
- What is your yield target

Management Strategies

- Seed Dressings
- Impact on Fertiliser
- Foliar Sprays

## Lancer

| Lancer has a short canopy that delivers at harvest.

Lancer offers growers a shorter canopy height with good resistance to lodging, in addition to an APH classification in the Northern Zone and South Eastern Zones. The variety has a mid to late maturity that is responsive to temperature and has an excellent grain package with good protein delivery, reliable grain size and low screenings.

This variety has a solid disease package, performing well under crown rot pressure in particular.

[Download Technote](#)

APH

Classification

MR

Stripe Rust East

MS-S

Crown Rot

MR-MS

Yellow Spot



Strategy 1

Impact on fert + Seed Dressing F.B. Foliar spray under high pressure

Strategy 2

Seed Dressing F.B. 2 sprays @Z32 and flag emerge





# 5

# Durum Wheat Project

Lynch, Coleambally

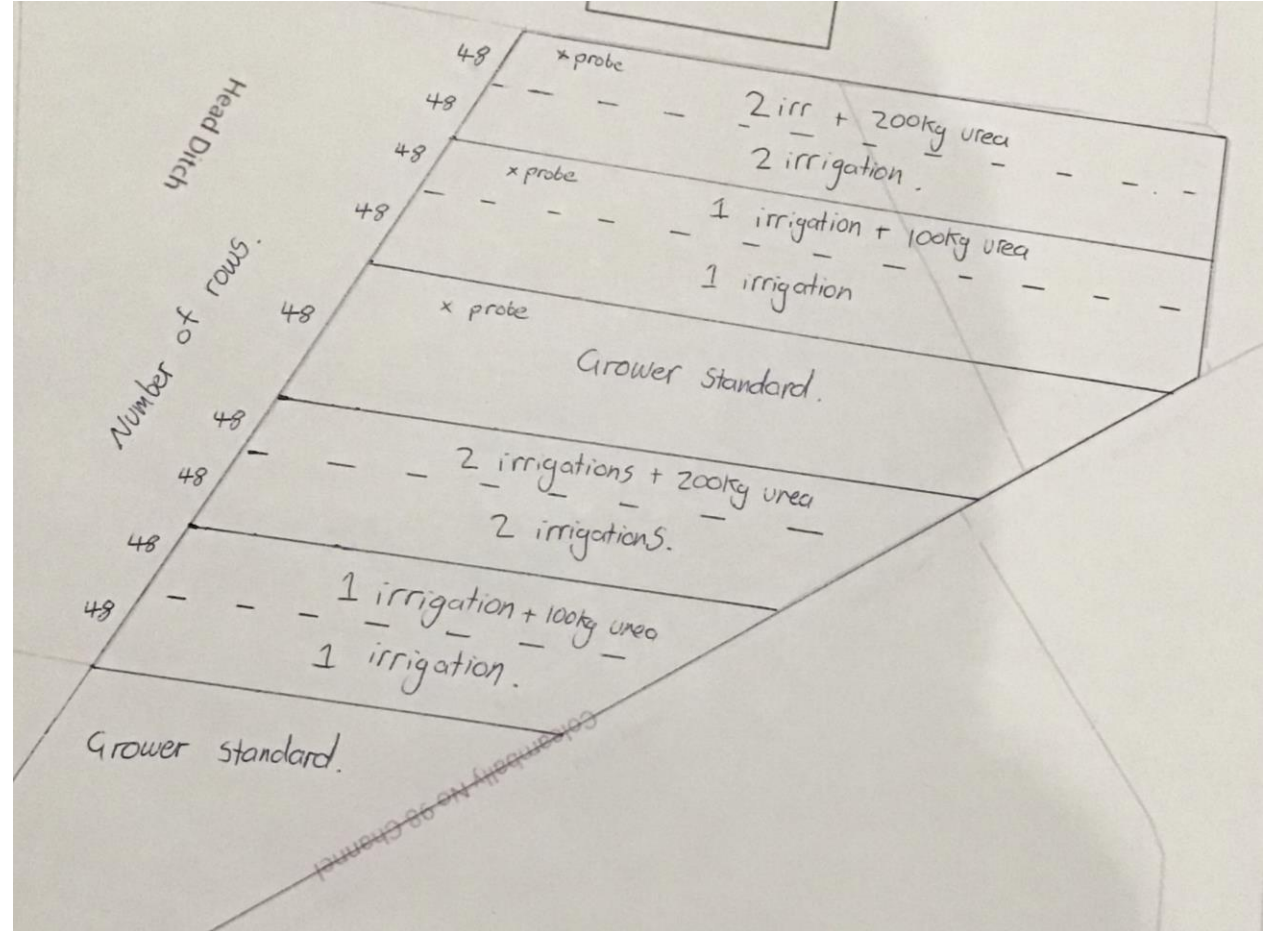
Aim:

Build on older work from Griffiths and Lacey on growing high yielding cereal crops under irrigation.

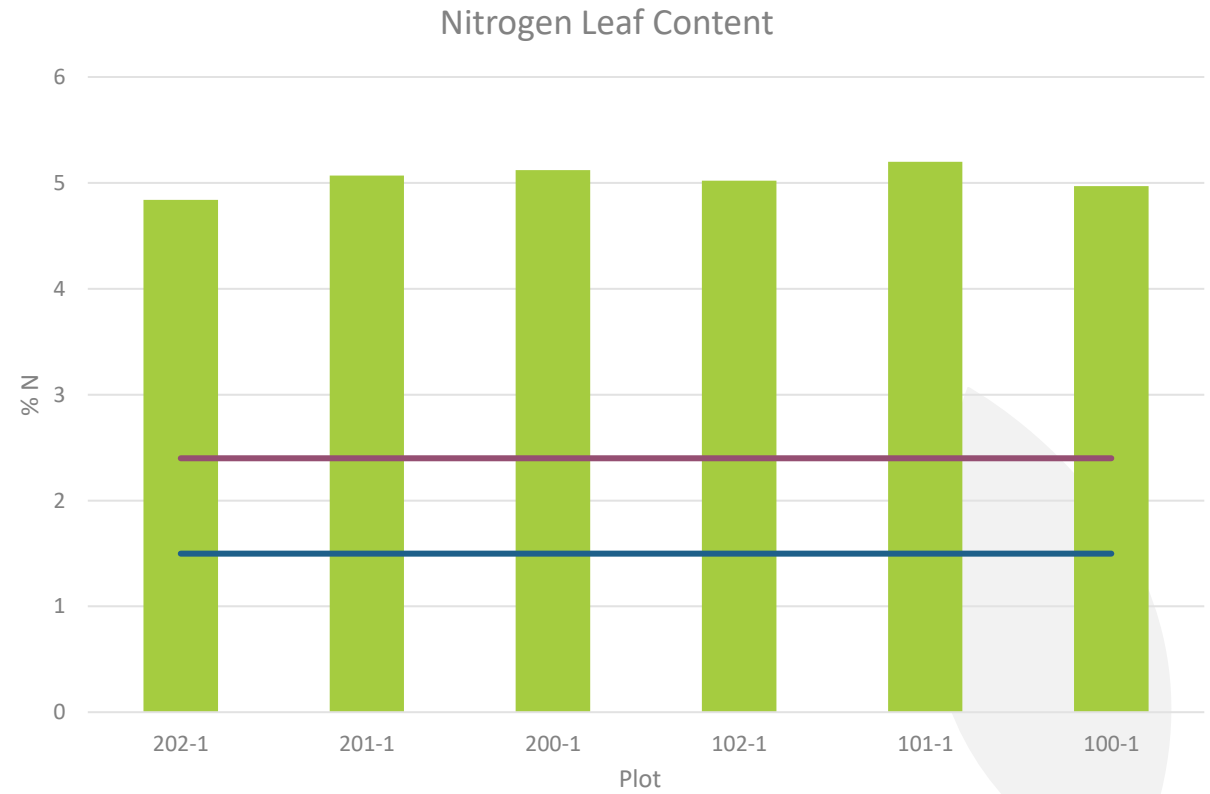
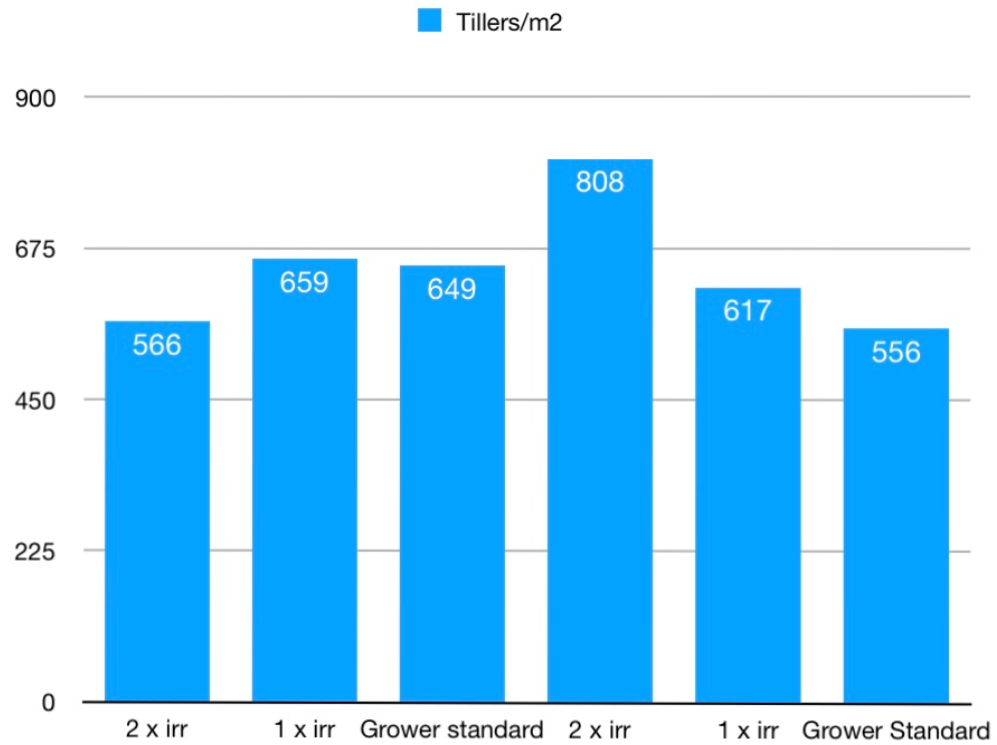
Look at the effects of different fertiliser and water inputs on final yield and quality

Analyse the best ROI

Fit for Moddus



# 6 Tiller Counts





# 7 Completion of Trial



- End of season leaf samples
- Yield maps
- Quality Analysis
- Financial Analysis





# Mungbean Production

## Varieties

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Jade

Emerald

Opal

All sown at 25-30kg/ha

## Planting

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Precision planter

Ideally less the 50cm row spacings

We typically do on 1m but max. yield needs to be

25-50cm

Group J inoculant

## Fertiliser

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Same as Soybeans

Loves Zinc

Monitor nodulation





# Mungbean Production

## Herbicides

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Can use Treflan and Stomp pre-em

Clethodim and Verdict

Blazer

Desiccation Roundup or Reglone

## Insects

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Mirids, Heli's and Thrips

Make sure products used are on label

## Diseases

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Phytoplasma

Halo Spot

Powdery Mildew





# Mungbean Production

- Water: Budget on 4-5 megs
- Marketing: Need to find a contract
- Questions?







Thank You

  
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