



THE SHEEP'S BACK

## Your Sheep Enterprise

“More Money For Less Work...”

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Icon Agriculture

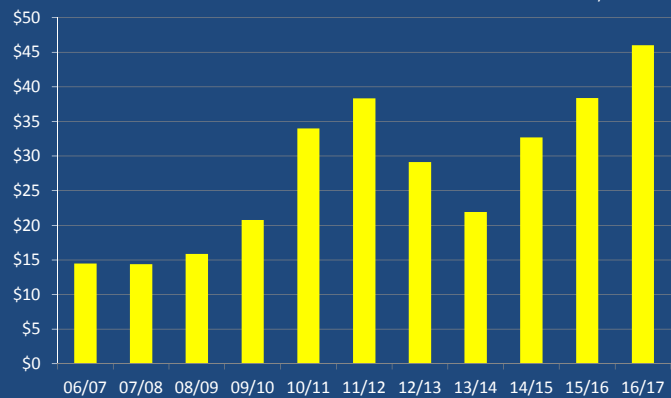
## Today's Points

Sheep and Wool are pretty good now

Grab the low hanging fruit, it makes life easier.

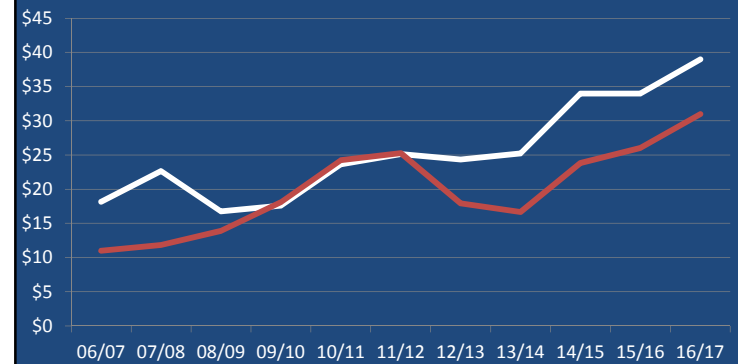
## Gross Margin/dse

16/17 forecast



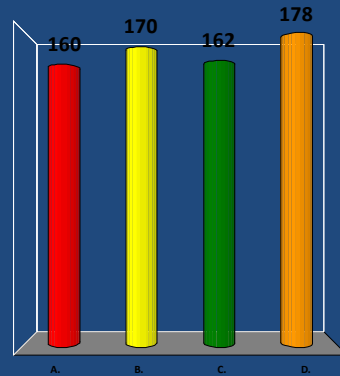
## Sources of Income (\$/dse)

— Wool Proceeds — Profit from Livestock Trading



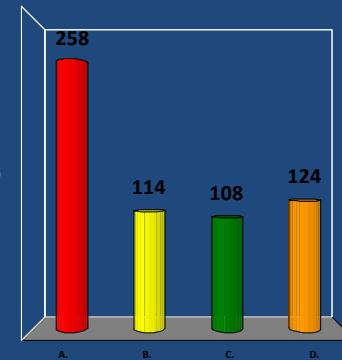
## Rank the following?

- A. Amount of Fert?
- B. Weed control?
- C. Variety choice?
- D. Time of Sowing?



## Rank the following?

- A. Amount of FOO?
- B. Worm control?
- C. Ram Source?
- D. Time of Lambing?



## Yield is King

1. Kg Wool per sheep hectare
2. Sheep Sold per sheep hectare  
– Lambs born per ewe hectare?

## Low Hanging Fruit

1. Condition Score of 3 makes an easy recipe
2. Sheep Feeding is about energy and efficiency
  3. Worms
  4. Flies
5. Weaner Management
6. Benchmarking

## Manage to CS = 3

- Sheep maintained at CS are easier to manage and more productive.
  - Learn what condition scoring is
  - Engage in a Lifetime ewe Course
- But little point being > CS 3.0 (don't over do it?)

## Feeding

- Feeding Sheep is about energy!
- 60kg Dry Ewe needs 10 MJ/day\*
- Lactating Ewe needs 25 MJ/day
- Understand the cost per unit Energy you are buying (c/MJ)

## Feeding

- Lupins @ \$350/T = 2.60 c/MJ (plus ptn)
- Oats @ \$180/T = 2.12 c/MJ
- Barley @ \$225/T = 2.14 c/MJ

Do the maths

## Feeding

- Lupins @ \$350/T = 2.60 c/MJ (plus ptn)
- Oats @ \$220/T = 2.60 c/MJ



But more energy per load, plus protein

## Grow Feed

- Increased fertiliser spend means more feed and less hand feeding
- Green feed is by far the cheapest and highest quality source of feed

## Worms

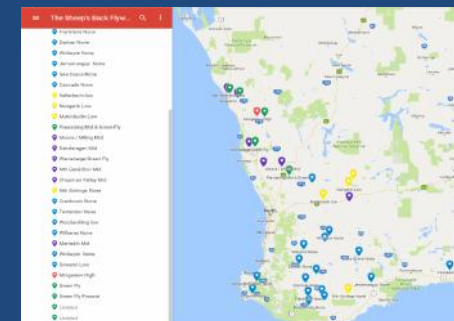
1. CS3 reduces WEC
2. Long acting products make life easy
3. Measure WEC instead of “drench anyway”
4. ASBVs can be used to breed resistance

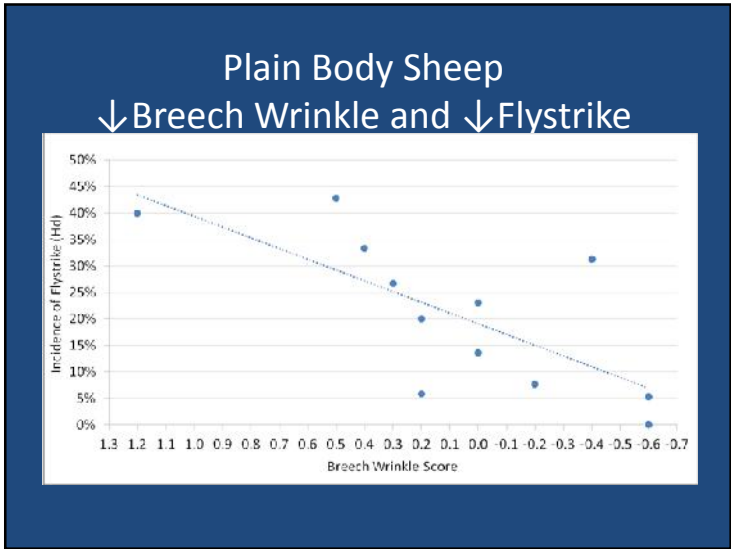
## Flies

1. Predict Flies
2. Breeding Plain Bodied Sheep
3. Choice of chemical
4. Time of shearing?

## Predict Flies

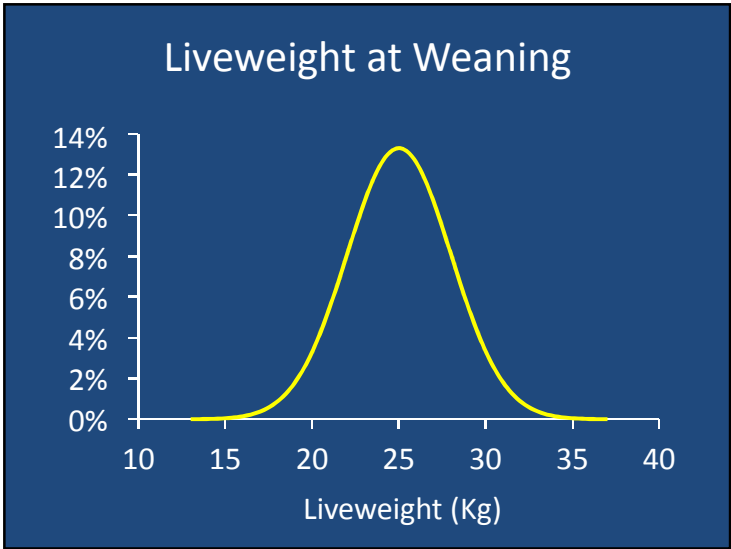
1. Temps over 15 Degrees
2. Recent Rain
3. Wind speeds below 9kmh

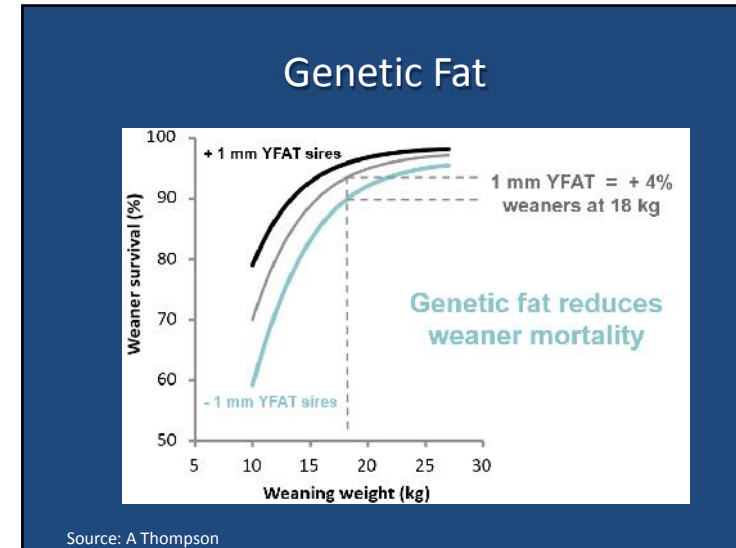
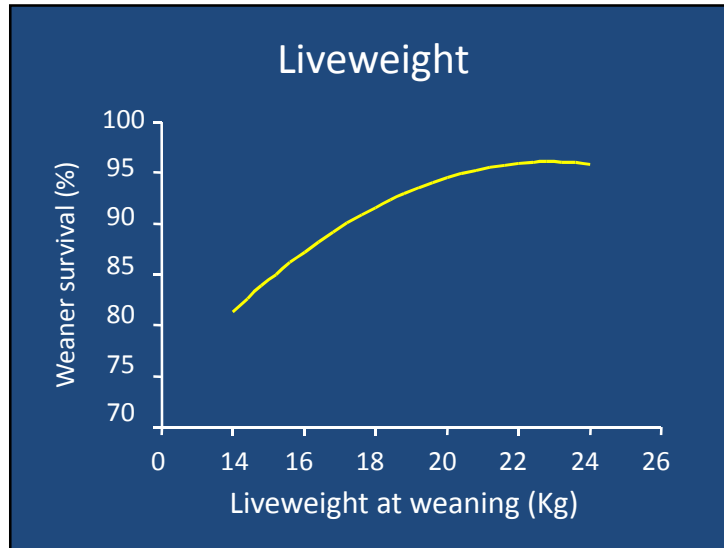




- ### Flies
- Dicyclanil = 18 to 24 weeks (eg Klik)
    - Rain fast
  - Cyromazine = up to 14 weeks (eg Vetrazin)
    - Water Soluble so can wash out.

- ### Keeping Weaners Alive
- Environment
    1. Live weight @ Weaning
    2. Growth Rate post weaning
    3. Management
  - Genetics
    1. Fat
- = G X E





### Target Growth Rates

- Most important thing!
- 2kg/month for weaners < 20kg
- 1 kg/month for weaners 20-30kg

### Weaner Management

- They need protein to grow (Lupins)
- They run out of Vitamin E
- They have low fat reserves
- They need good water

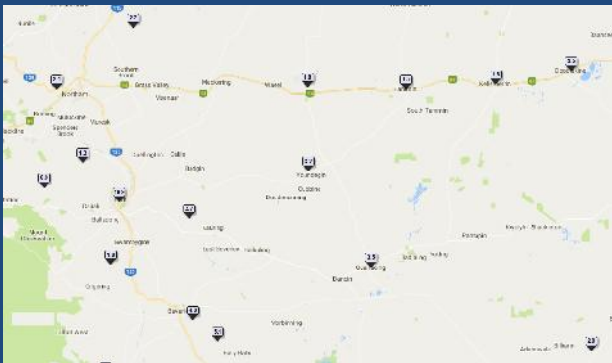
## Benchmarking



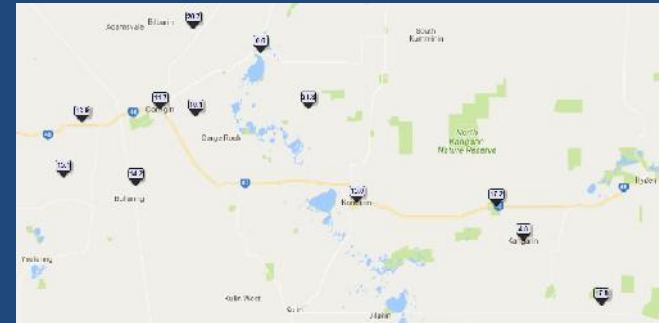
## Benchmarking SR dse/ha

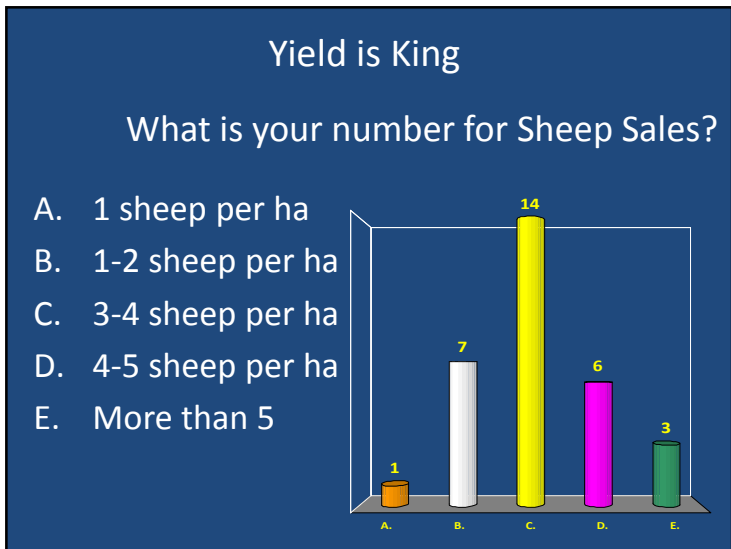
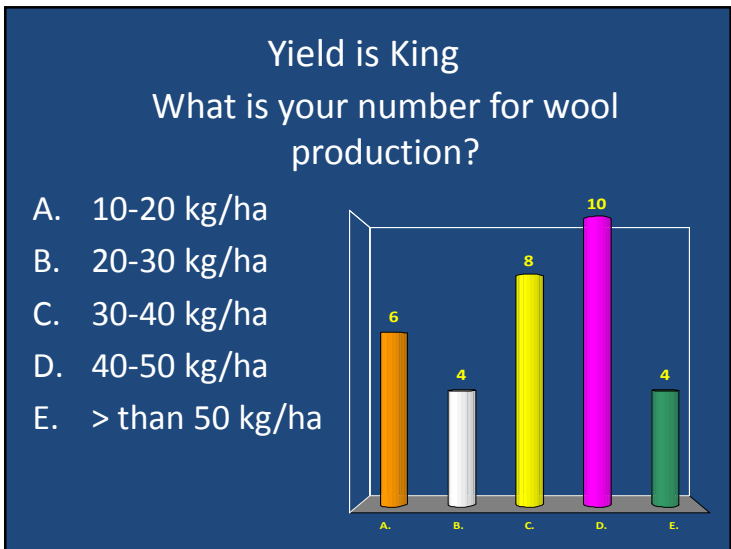
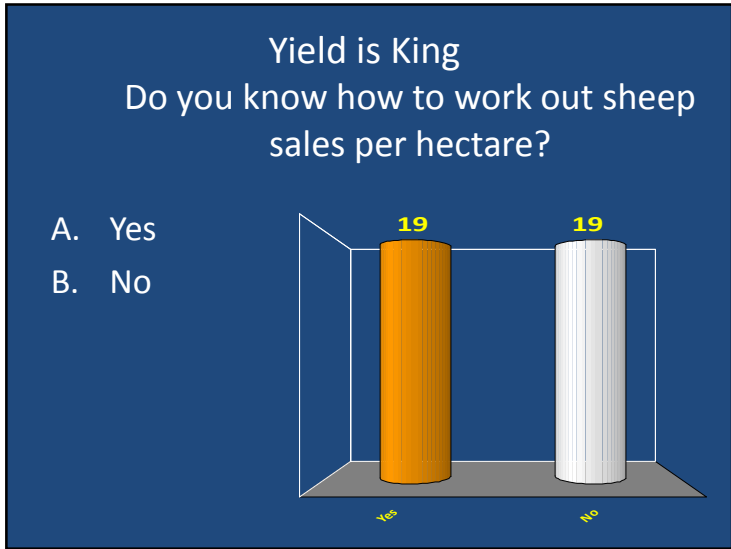
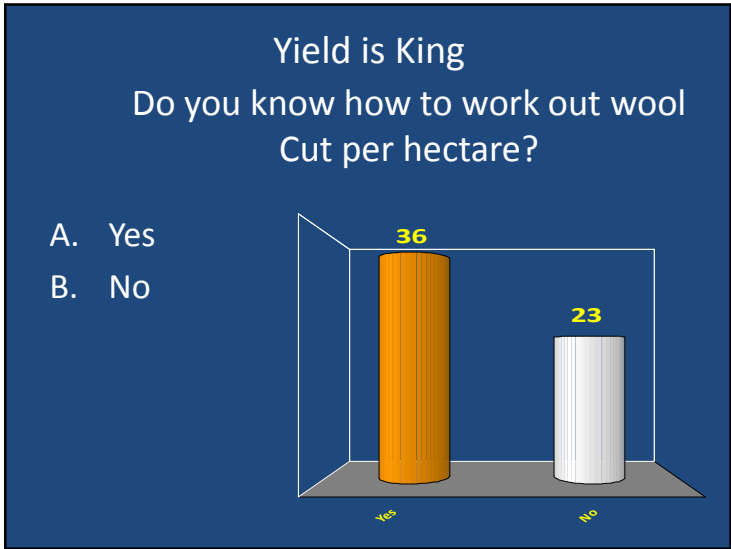


## Benchmarking Lbs/ha



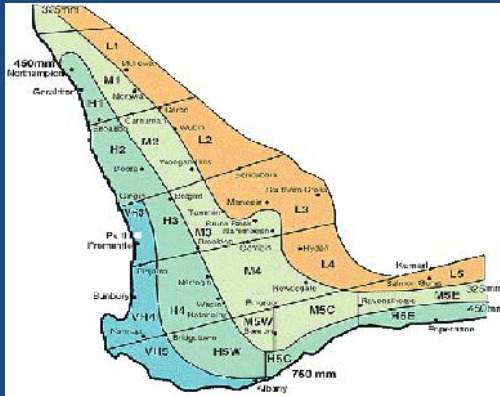
## Benchmarking Wool Cut kg/ha





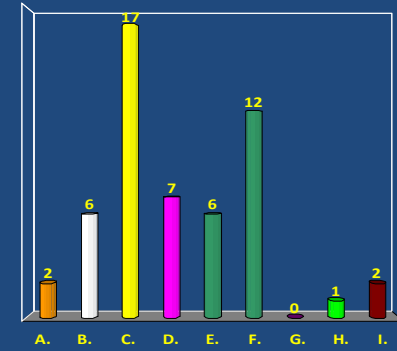


### What rainfall zone are you in?



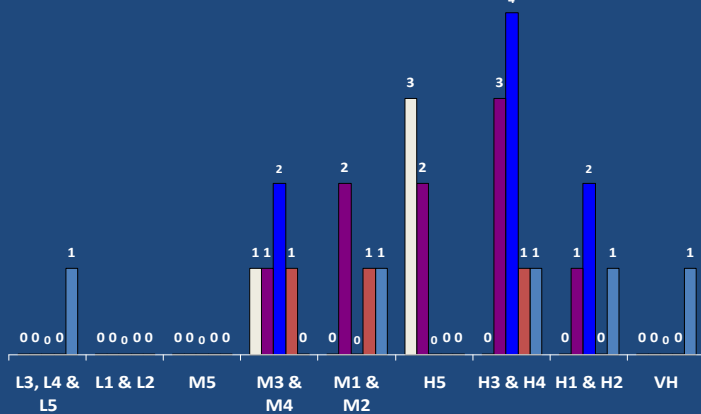
### What rainfall zone are you in?

- A. VH
- B. H1 & H2
- C. H3 & H4
- D. H5
- E. M1 & M2
- F. M3 & M4
- G. M5
- H. L1 & L2
- I. L3, L4 & L5



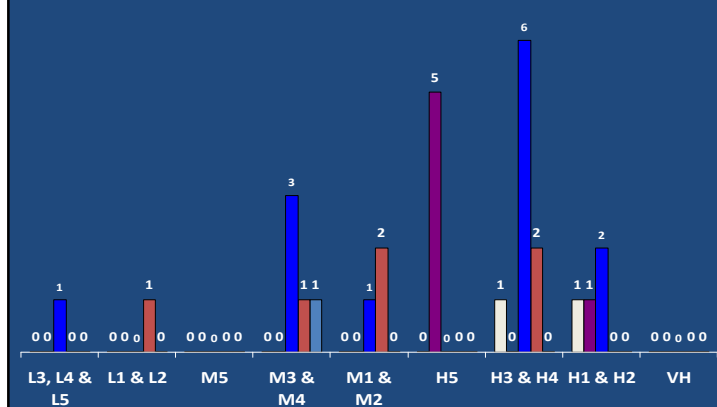
### Wool Production

10-20 kg/ha   20-30 kg/ha   30-40 kg/ha   40-50 kg/ha   > than 50 kg/ha



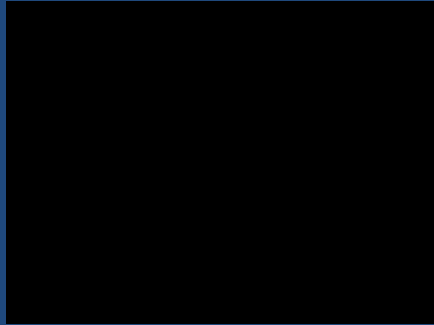
### Sheep Sales

1 sheep per ha   1-2 sheep per ha   3-4 sheep per ha  
4-5 sheep per ha   More than 5



## Innovation

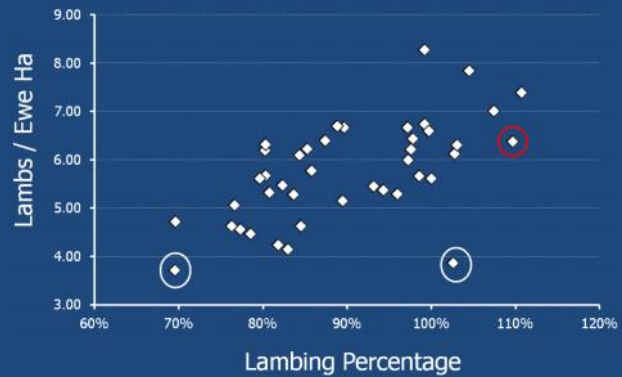
- How can we get our hands off the sheep and get more done?



## Conclusions

- Sheep enterprise at record gross margins
- Wool prices are record levels
- Low Hanging Fruit is ripe
  - Make the most of the good times!

## Yield is King



## Output per DSE

