

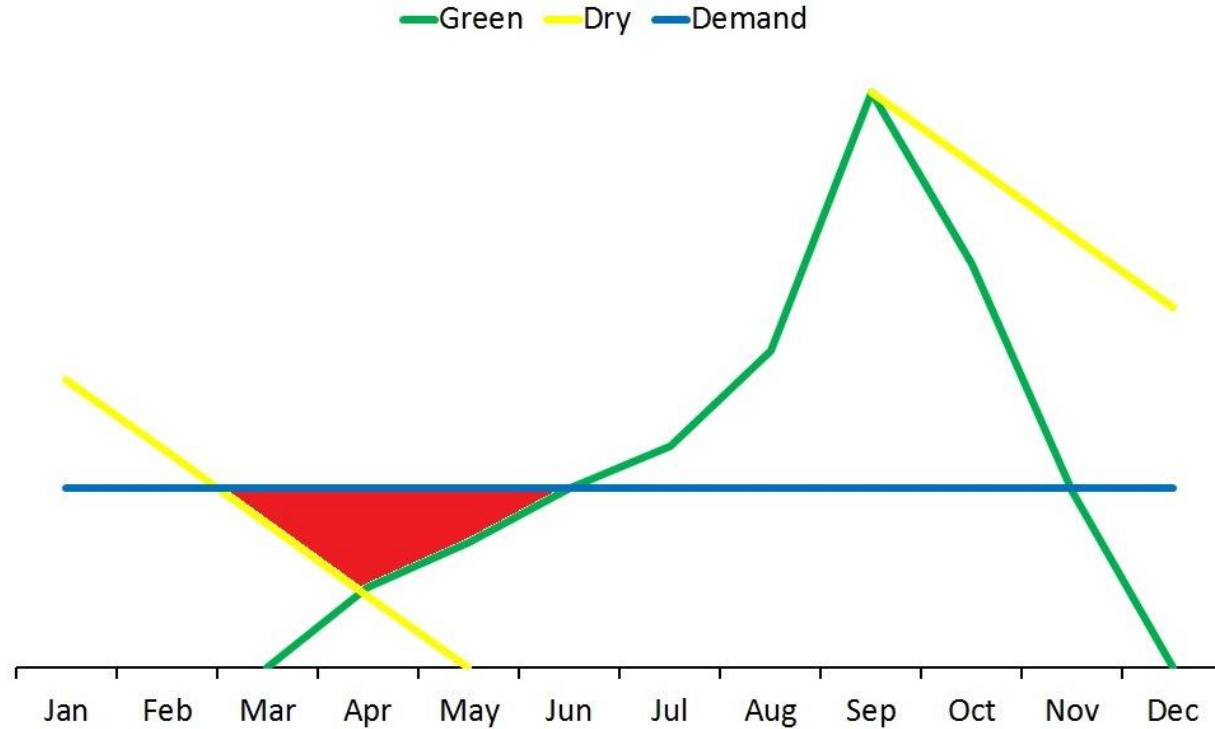
meatup FORUM

For the latest in red meat R&D

The autumn feed gap

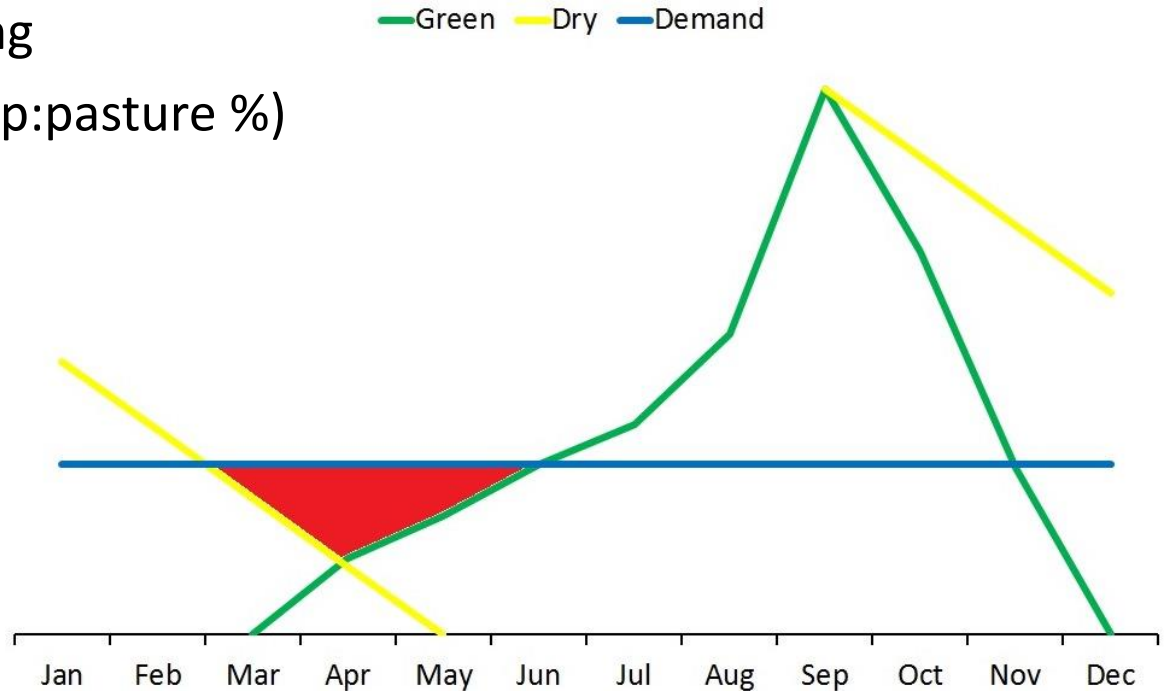
Philip Barrett-Lennard
agVivo

The autumn feed gap



Moving the yellow line – autumn supply

- Better pastures in spring
- More crop stubble (crop:pasture %)
- Chaff heaps
- Standing fodder crop
- Swath grazing
- Fodder shrubs
- Perennial pastures
- Summer fodder crops











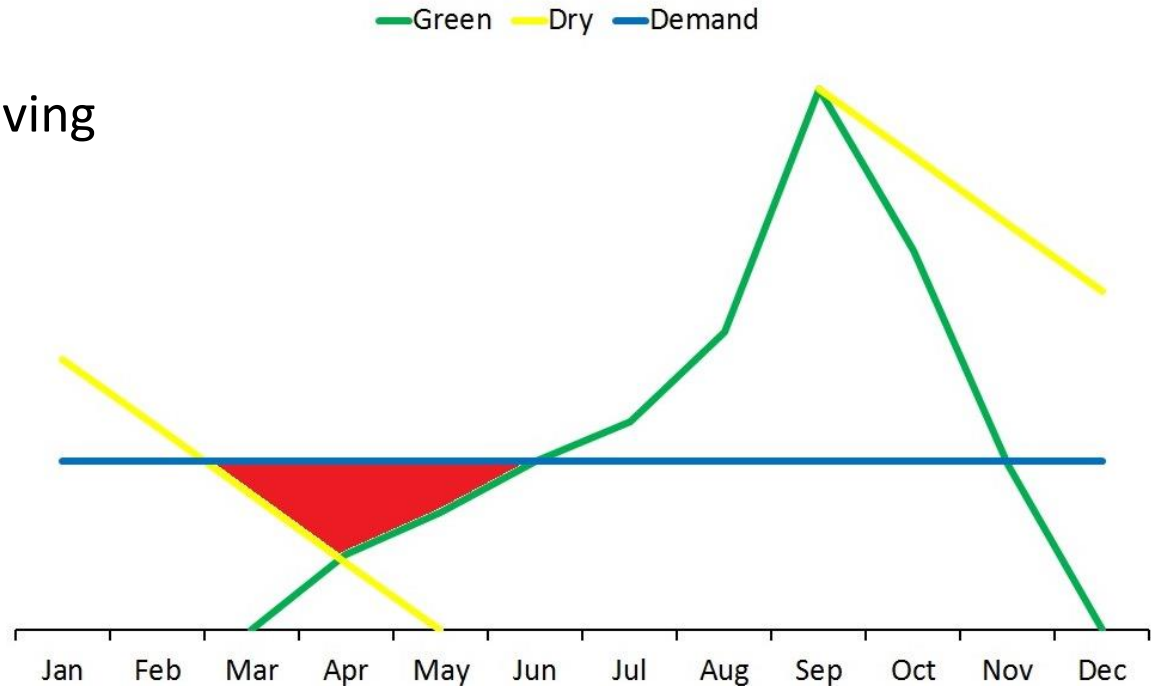






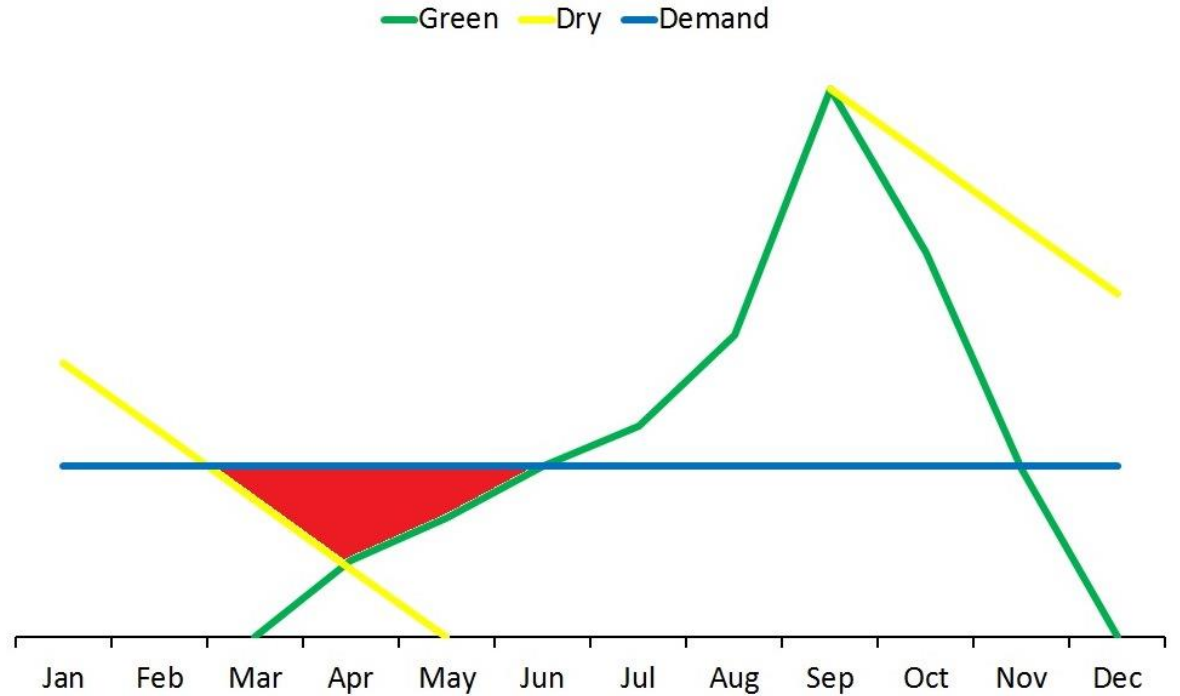
Moving the blue line – autumn demand

- Trading
- Winter lambing and calving
- Stock sales
- Hay stack on the back



Filling the red hole - supplements

- Grain
- Hay
- Silage
- Straw
- Baled chaff heaps

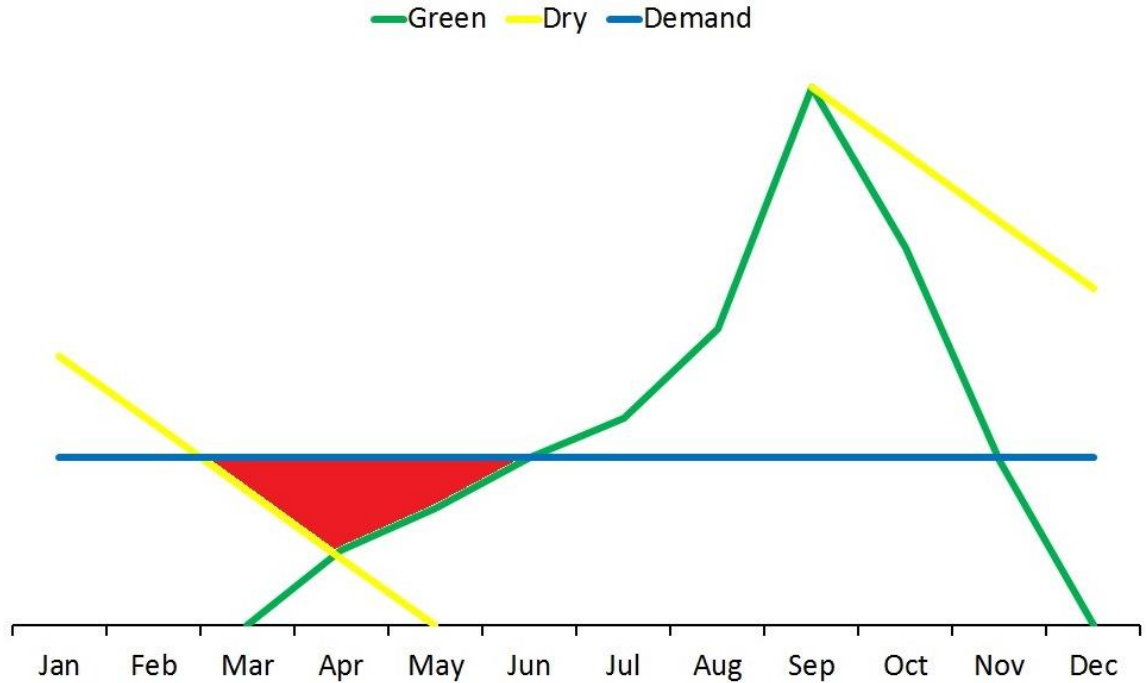


Whole crop cereal silage



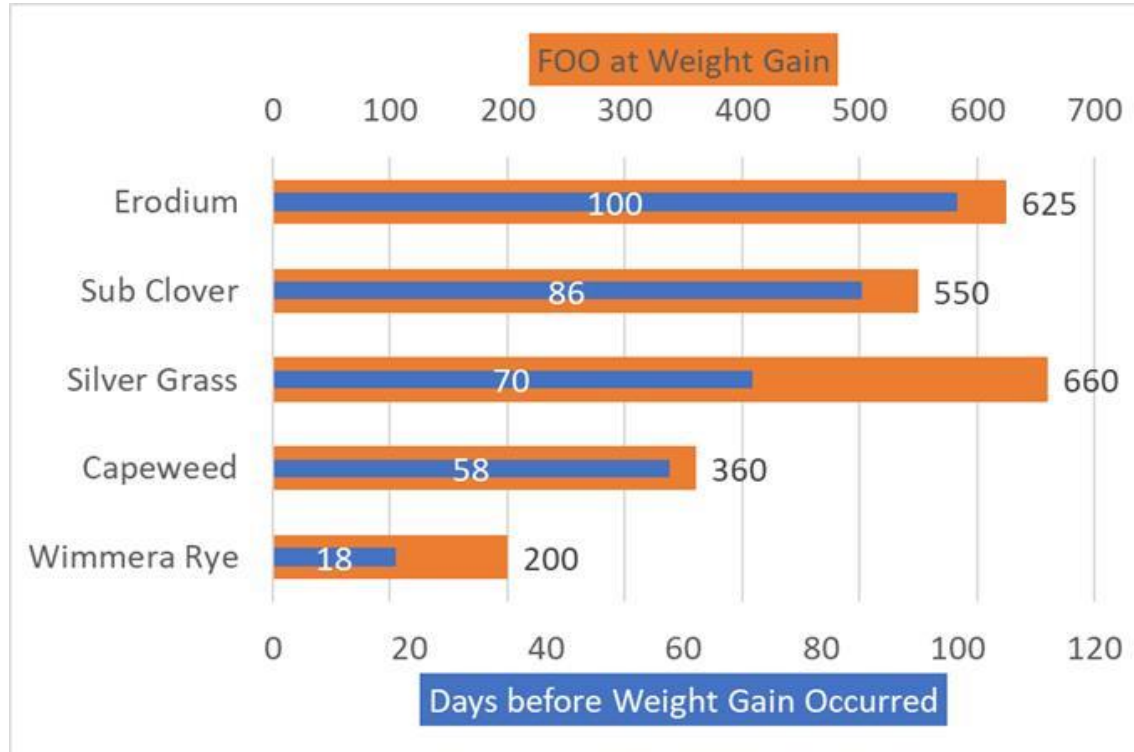
Moving the green line – winter supply

- Confinement feeding
- Cereals as pastures
- Crop grazing
- Grassy pastures
- Nitrogen
- Dense pastures
- Perennial pastures





FOO ain't FOO




FOO = 77 kg/ha



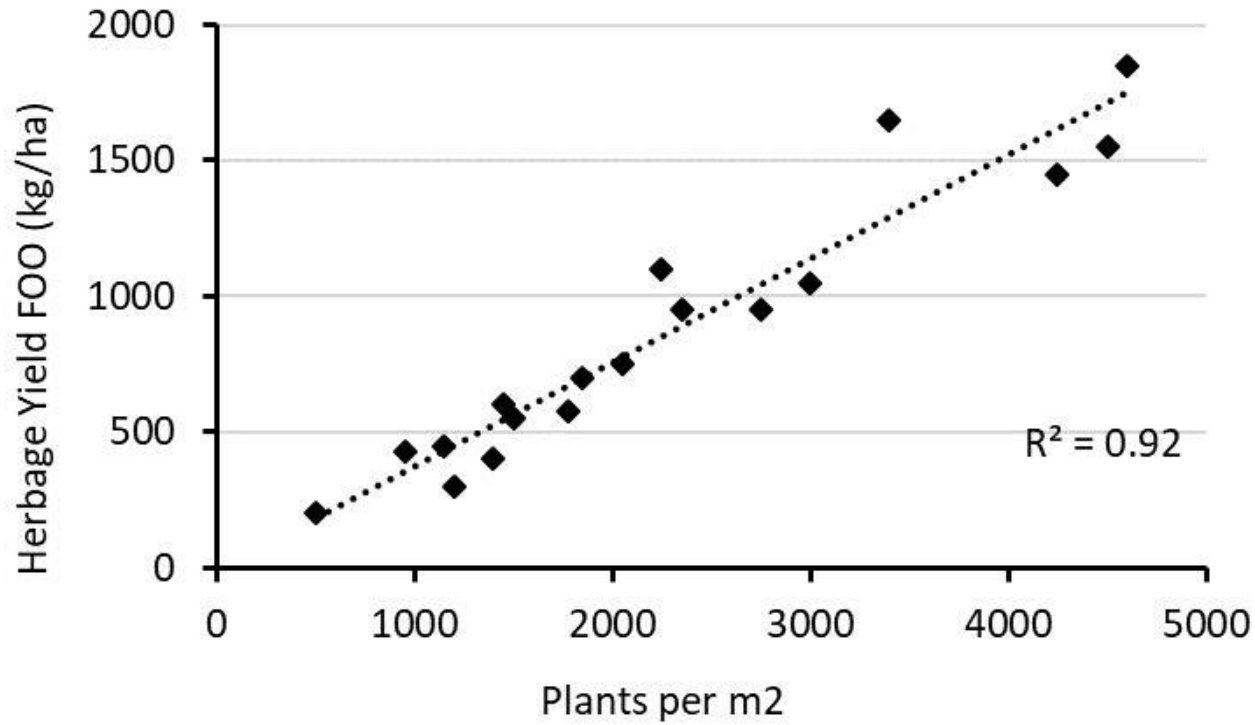
FOO = 277 kg/ha





	1/6/16	21/6/16	ME	CP
Pasture	3.1	3.0	8-11	12-16
Crop	3.1	3.4	12-14	30-40

Density = FOO



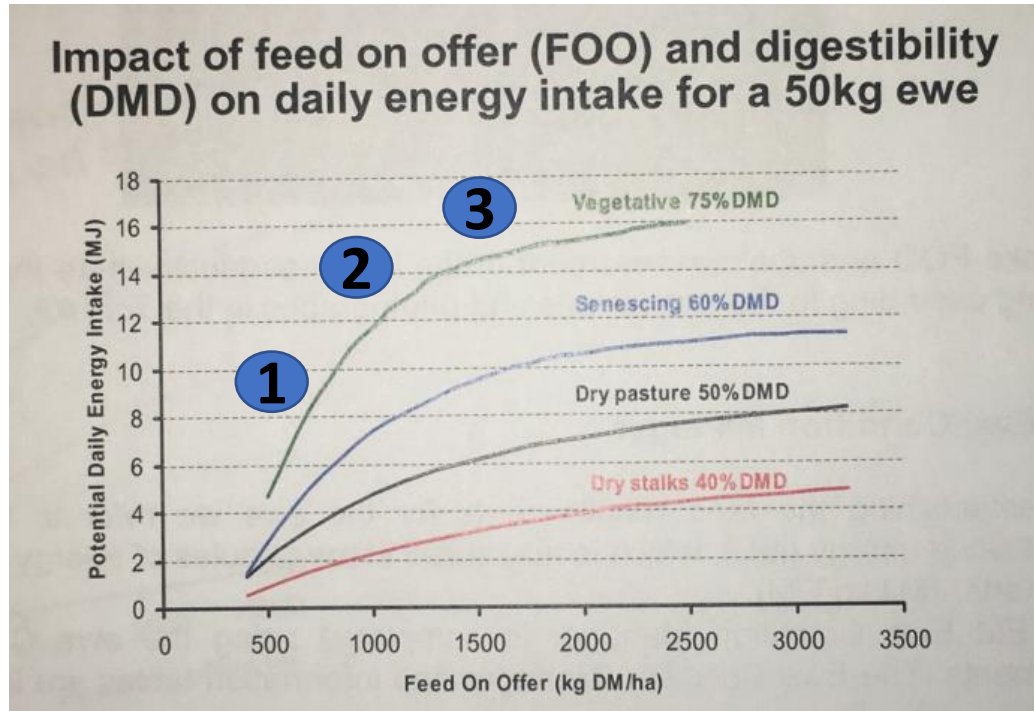
Grassy pastures

- Very upright, available and productive
- Very nitrogen responsive
- But how do we create them?
- Sow “fancy” late maturing types?
- Use weedy paddocks coming out of crop?
- Have some longer term grassy pastures?
- Just use cereals?

Nitrogen

- Need a dense grassy pasture or cereal
- ~10 kg/ha per unit of N in winter
- At \$650/ton of urea, cost of feed is \$140/ton
- ~20 kg/ha per unit of N in spring
- At \$650/ton of Urea, cost of feed is \$70/ton

Changing gears (3 on the tree!)



Basic mixed farm feed plan

J	F	M	A	M	J	J	A	S	O	N	D



Crop Stubble



Annual Pasture

A more robust year round feed plan

J	F	M	A	M	J	J	A	S	O	N	D
Yellow	Yellow	Yellow	Blue	Blue	Green	Green	Green	Green	Green	Yellow	Yellow
Orange	Yellow	Yellow	Yellow	Brown	Red	Green	Green	Green	Green	Orange	Orange



Crop Stubble



Fodder Shrubs



Annual Pasture



Fodder Crop



Crop Grazing



Confinement Feeding

Late break!

J	F	M	A	M	J	J	A	S	O	N	D
Yellow	Yellow	Yellow	Blue	Blue	Brown	Green	Green	Green	Green	Yellow	Yellow
Orange	Yellow	Yellow	Yellow	Brown	Brown	Red	Green	Green	Green	Orange	Orange



Crop Stubble



Fodder Shrubs



Annual Pasture



Fodder Crop



Crop Grazing



Confinement Feeding

Take home messages

1. Overcoming the challenges of the summer autumn feed gap is critical to achieving high levels of livestock profitability on most farms in southern WA.
2. Using a combination of management strategies that decrease livestock demand and increase feed availability at this time of the year is important.

Tools and resources

- MLA Feed Demand Calculator
- LTEM
- Bred Well Fed Well
- More Beef from Pastures
- Making More from Sheep