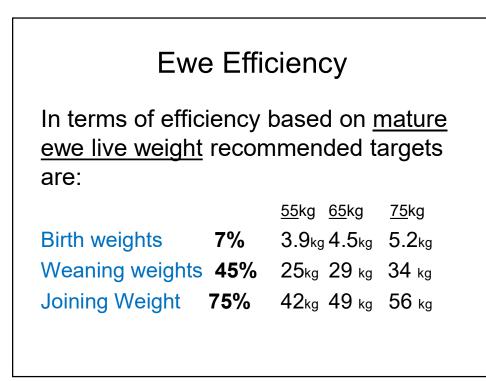
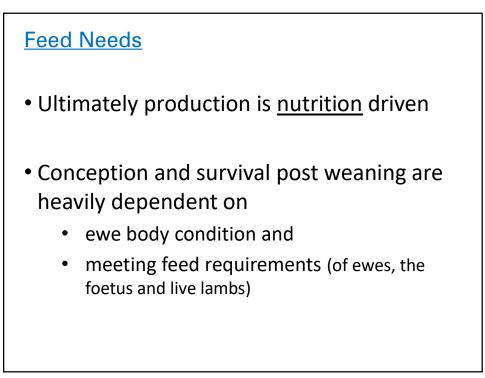


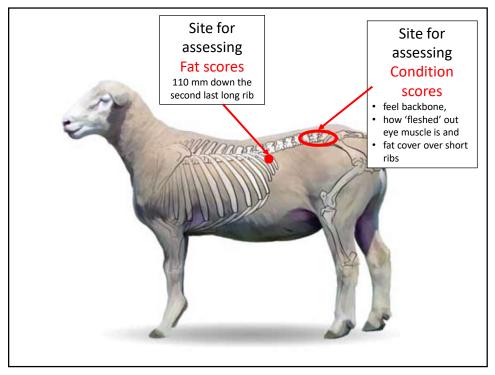


Improving Efficiencies within the Sheep Industry Focus on ewe efficiency -²/₃'s of a ewes annual feed needs goes towards maintaining her -¹/₃ of ewes are responsible for ²/₃'s of lamb losses – identify ewes and cull

 ~ 80pc of weaner mortalities occur in the bottom 20pc of lambs - identifying these early and focusing on meeting market targets soon recoup the cost of scales !!





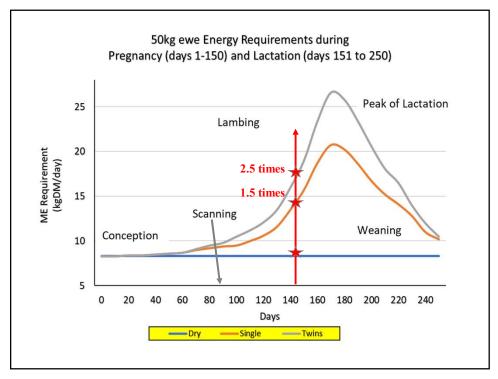


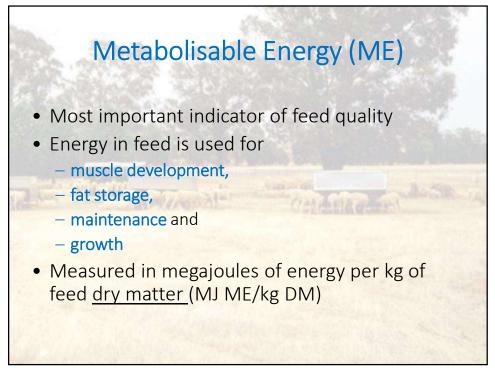


Class of sheep	Minimum condition score	Target condition score
Dry ewe at joining	2.5	3
Pregnancy	2.5	3
Lactation	2	2.5 to 3
End of growing season	3	3.5+
Wethers (minimum feed supply)	2- (winter)	2+
Rams at mating	3	3.5 to 4
Weaners (wool)	Better to weigh, but generally >2.5	
Lambs (meat)	Assess growth targets to meet market specifications	

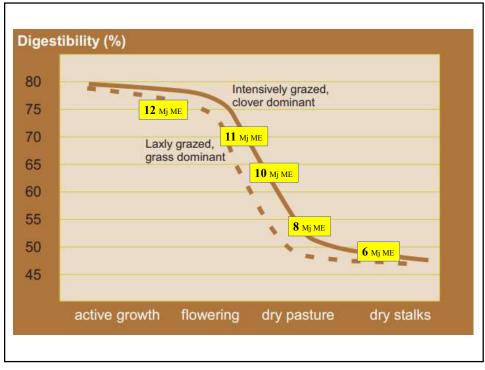


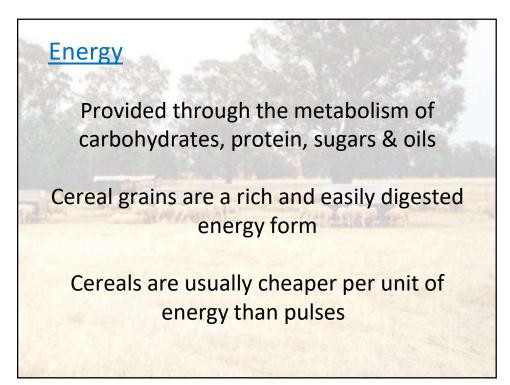
	energy and ents (50kg/:	•
Production State	Metabolisable Energy (ME) MJ/kg	Crude Protein CP %
Survival	8	7
Lactation and late pregnancy	12+	12+
Growth	10+	12+

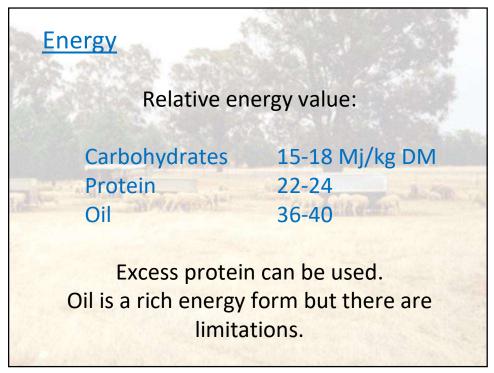


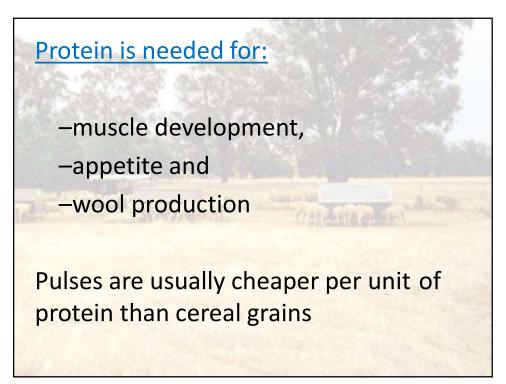


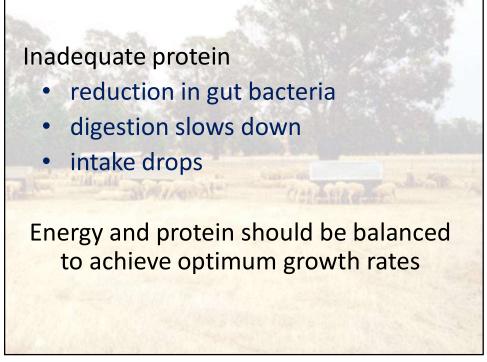


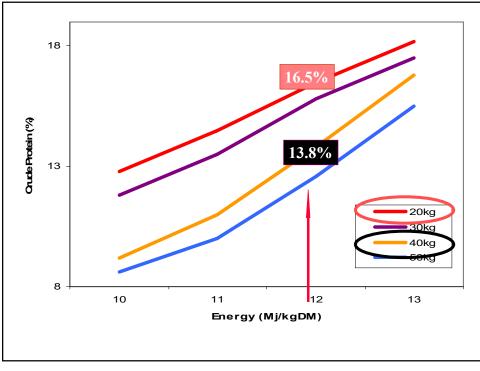


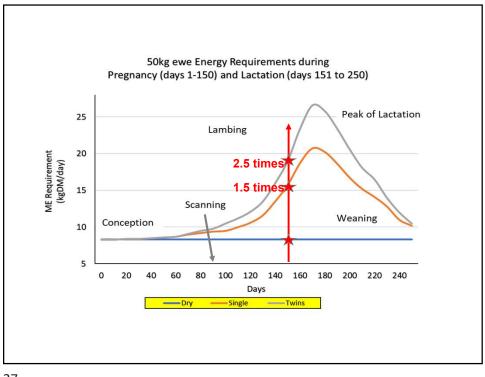


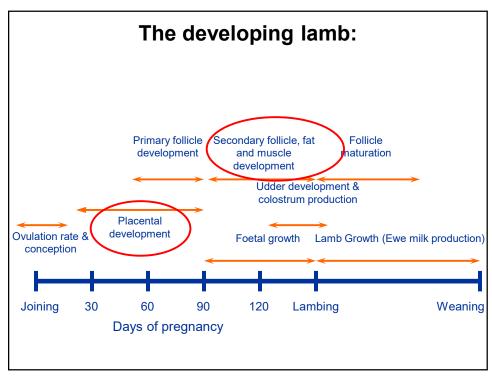


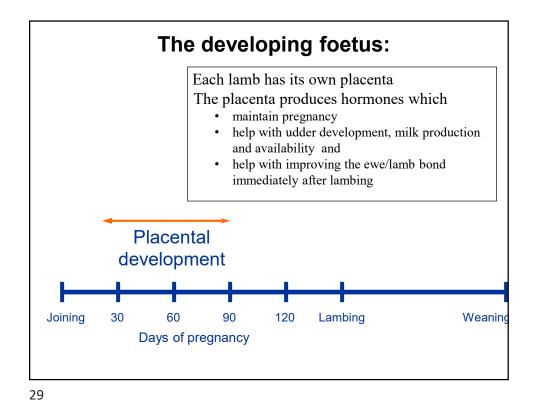


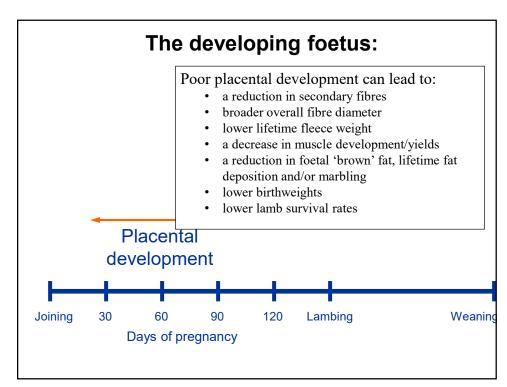


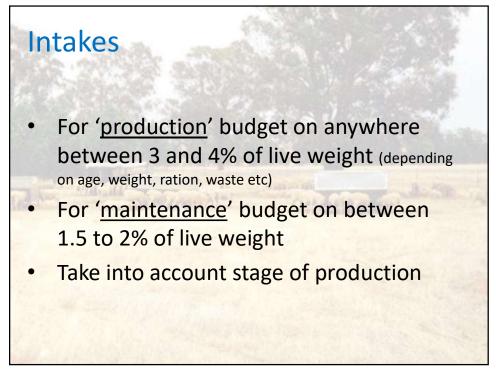


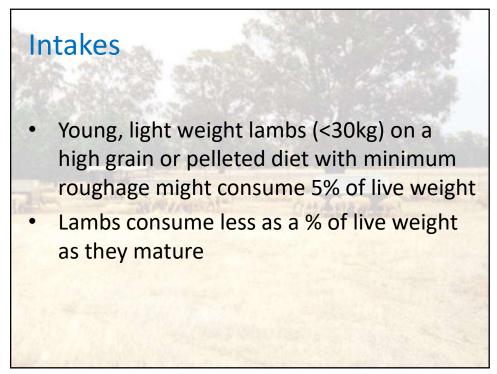


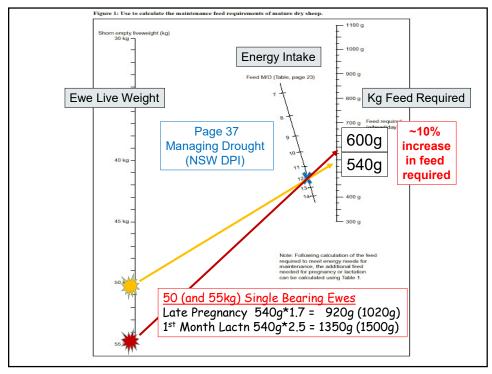


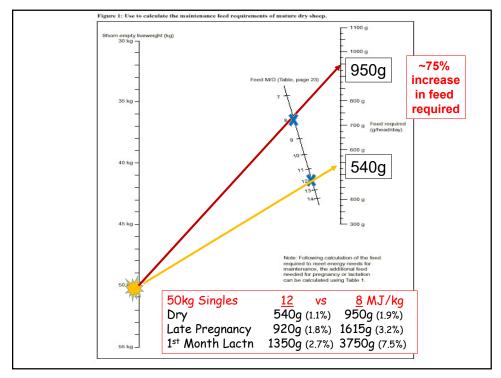


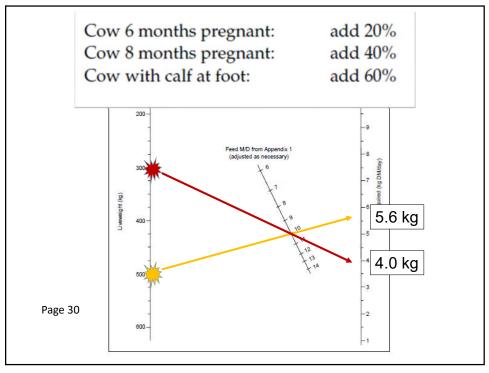




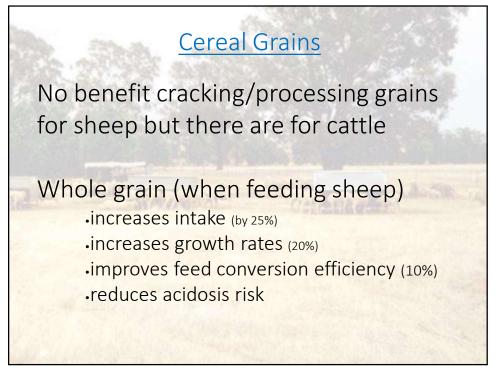


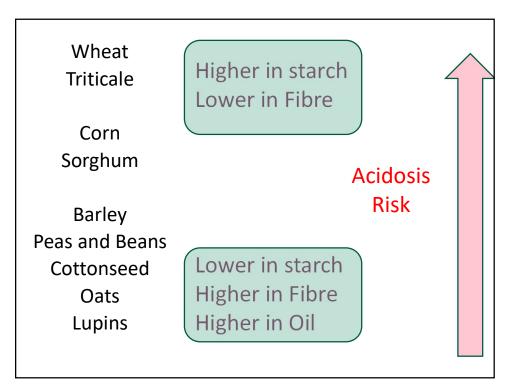


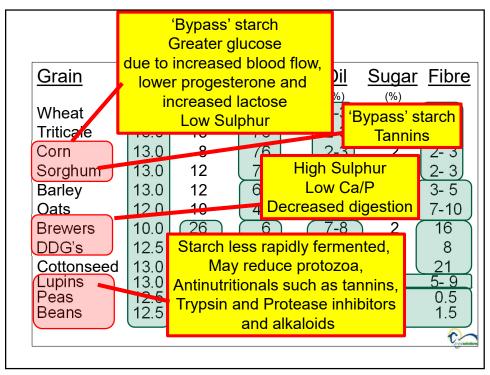


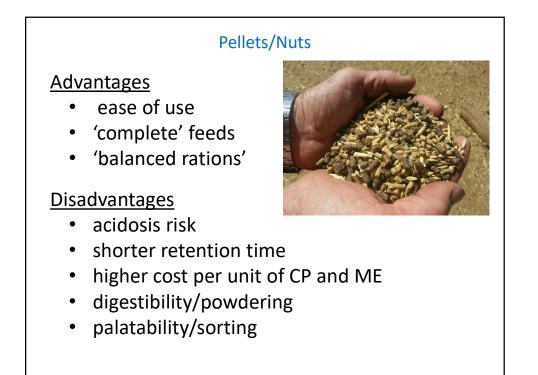












Minerals

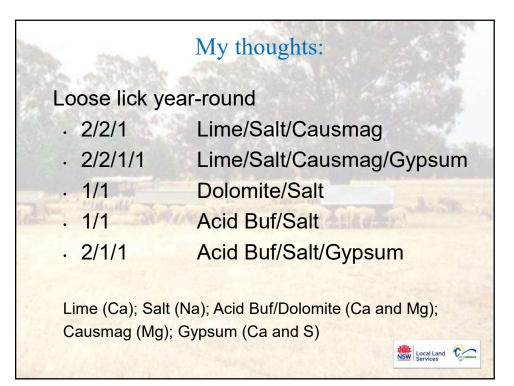
Sheep require many minerals but most are needed in only small amounts

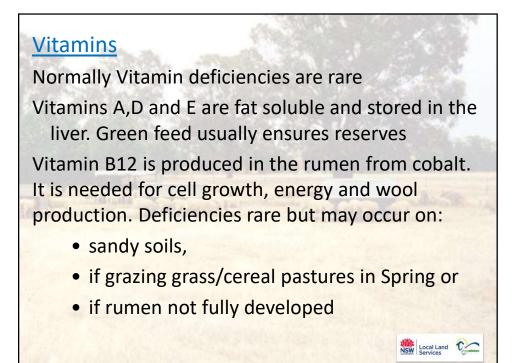
Ca, Na, P and Mg are most important

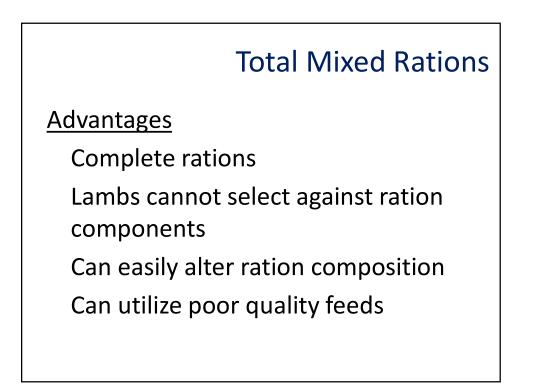
Cereal grains, pulses, processed meals and some hays/forages can be:

• Low in Calcium (relative to Phosphorus) and Sodium

• High in Potassium (relative to Sodium) which can affect Magnesium and Calcium absorption









Disadvantages Difficult to use in self feeders Trough feeding increases labour input Can cost more due to preparation time and/or if purchased off-farm Need specialized equipment

