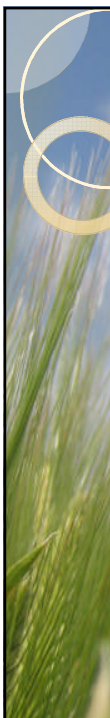


Rotational Analysis Narrogin/Katanning Medium & High Rainfall Zone

2010 and Beyond: By David Watson



Introduction

- Rotational Analysis What is It?
- You will hear
 - Assumptions
 - Details
 - Outcomes
- You will have questions please ask
- Go home with Ideas

Crop Assumptions

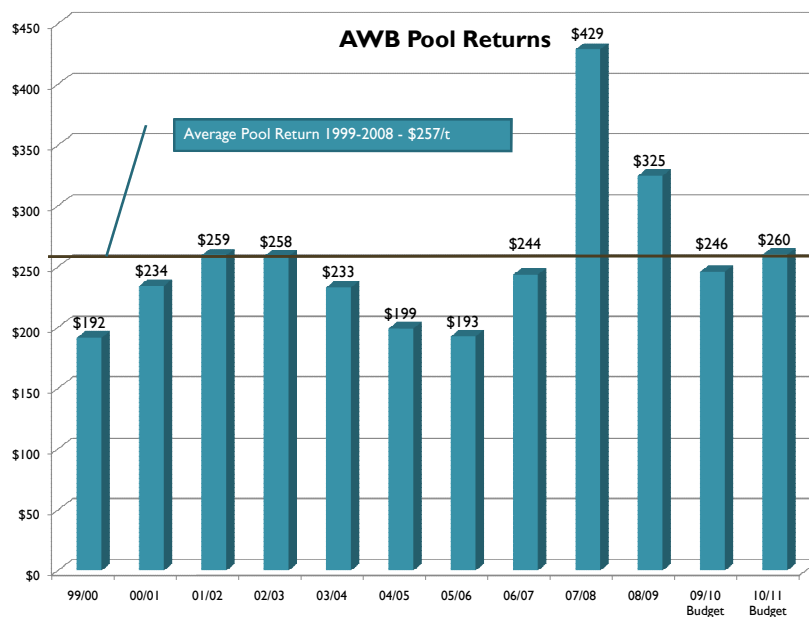
	Medium	High
Wheat	1.93 t/ha	2.43 t/ha
Malt Barley	2.12 t/ha	2.49 t/ha
Feed Barley	2.01 t/ha	2.08 t/ha
Oats	2.25 t/ha	2.87 t/ha
Oaten Hay	4.56 t/ha	5.66 t/ha
Canola	1.12 t/ha	1.36 t/ha
Lupins	1.17 t/ha	1.34 t/ha
Field Peas	0.82 t/ha	1.13 t/ha

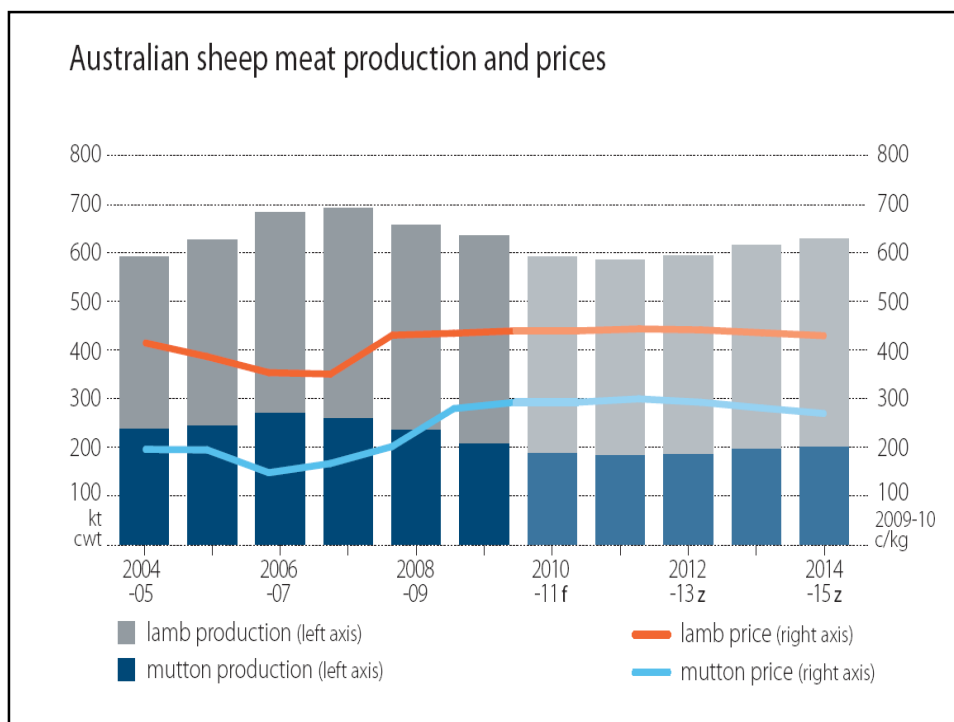
Crop Assumptions

	FIS \$/t
Wheat	\$230
Barley Malt	\$236
Barley Feed	\$189
Oats	\$186
Oaten Hay	\$150
Canola	\$428
Lupins	\$225
Field Peas	\$264

Sheep Assumptions

	Medium	High
Stocking Rate	5.8 dse/wgha	8.7 dse/wgha
Wool Price	960 WMI \$5.21/kg greasy CIB	960 WMI \$5.21/kg greasy CIB
Sale Price – Merino Lamb	\$3.75/kg CW	\$3.75/kg CW
Sale Price – Prime Lamb	\$4.00/kg CW	\$4.00/kg CW
1.5yr old Wethers	\$75/hd	\$75/hd

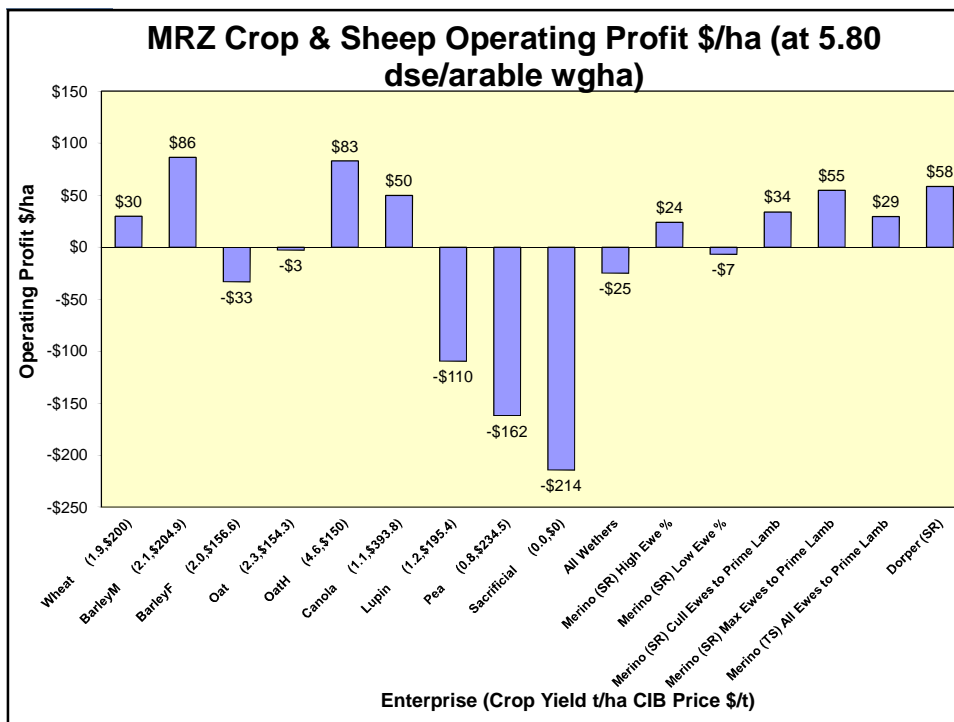
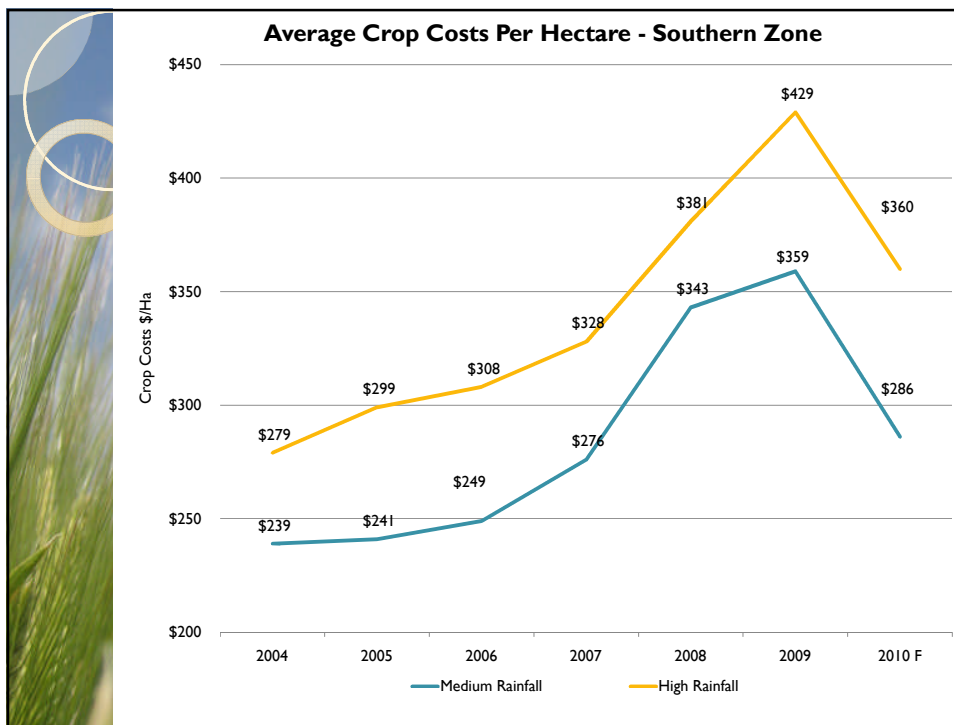


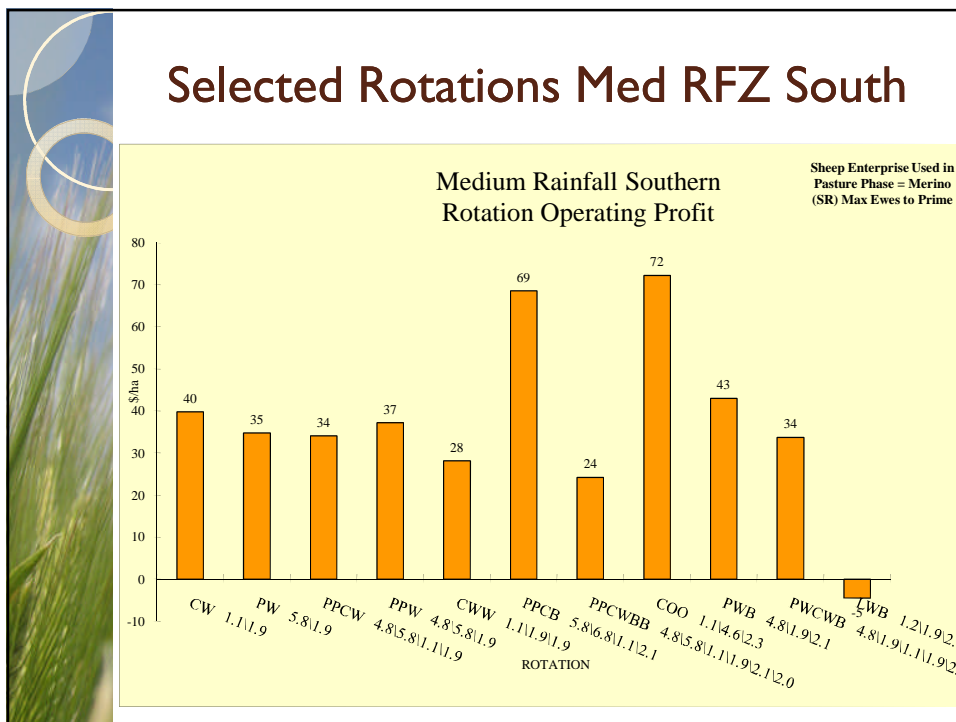
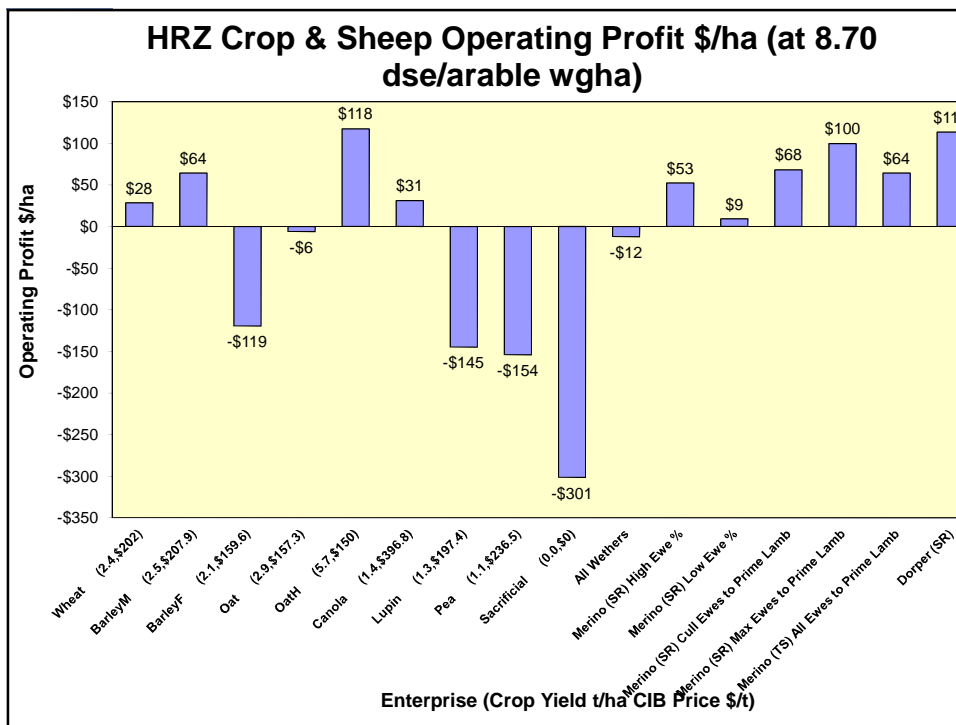


Sheep meat outlook

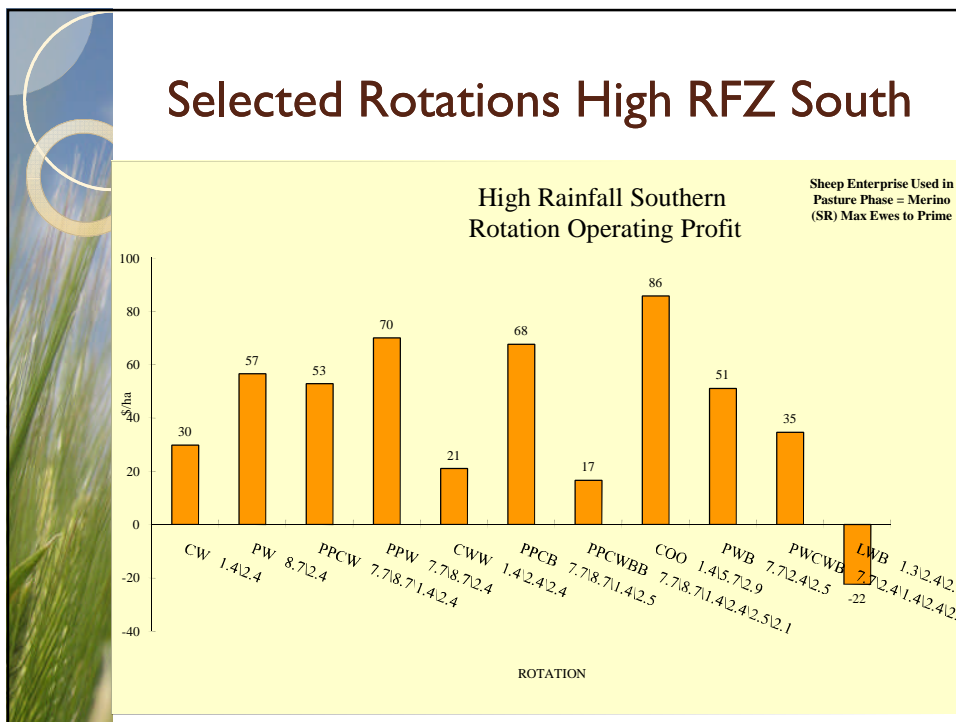
	unit	2007 -08	2008 -09	2009 -10 f	2010 -11 f	2011 -12 z	2012 -13 z	2013 -14 z	2014 -15 z
Saleyard price for sheep a									
- nominal	Ac/kg	159	199	280	300	315	315	310	305
- real b	Ac/kg	168	203	280	293	300	293	281	270
Saleyard price for lambs a									
- nominal	Ac/kg	335	424	435	450	465	475	480	485
- real b	Ac/kg	353	434	435	440	444	442	436	430
Sheep numbers c	million	77	72	68	68	69	70	71	72
Slaughterings									
Sheep	'000	11 929	11 282	10 000	8 750	8 650	8 850	9 200	9 550
Lamb	'000	20 899	20 767	21 000	19 750	19 700	19 850	20 300	20 700
Production d									
Mutton	kt	258	235	207	187	182	186	194	200
Lamb	kt	435	423	428	405	404	410	420	430
Consumption per person									
Mutton	kg	2.3	2.1	2.1	2.1	2.0	2.0	1.9	1.9
Lamb	kg	10.0	10.9	10.7	10.6	10.4	10.4	10.4	10.4
Exports									
Mutton exports e	kt	158	146	125	111	108	113	120	124
Lamb exports e	kt	163	156	161	139	141	143	149	154
- to United States	kt	42	38	39	34	34	35	36	38
Lamb export value									
- nominal	\$m	803	925	980	873	917	985	1 036	1 084
- real b	\$m	848	947	980	853	875	917	940	960
Live sheep exports	'000	4 069	4 064	3 700	3 400	3 400	3 450	3 500	3 500

a Dressed weight. b In 2009-10 Australian dollars. c At 30 June. d Carcass weight. e Fresh, chilled and frozen, shipped weight. f ABARE forecast.
z ABARE projection.
Sources: Australian Bureau of Statistics; Department of Agriculture, Fisheries and Forestry; ABARE.

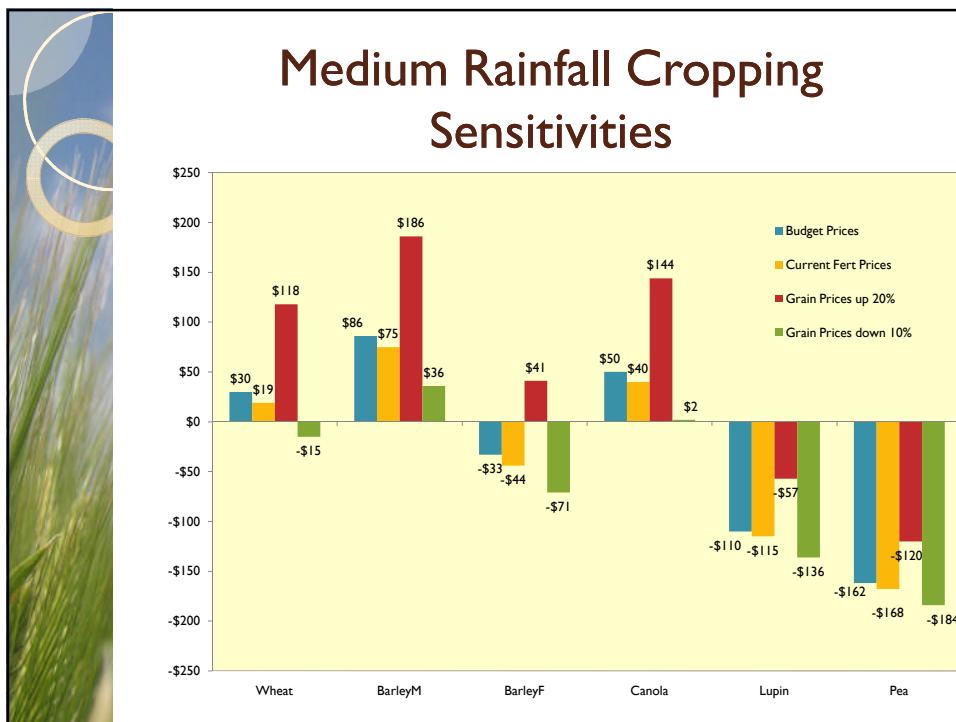


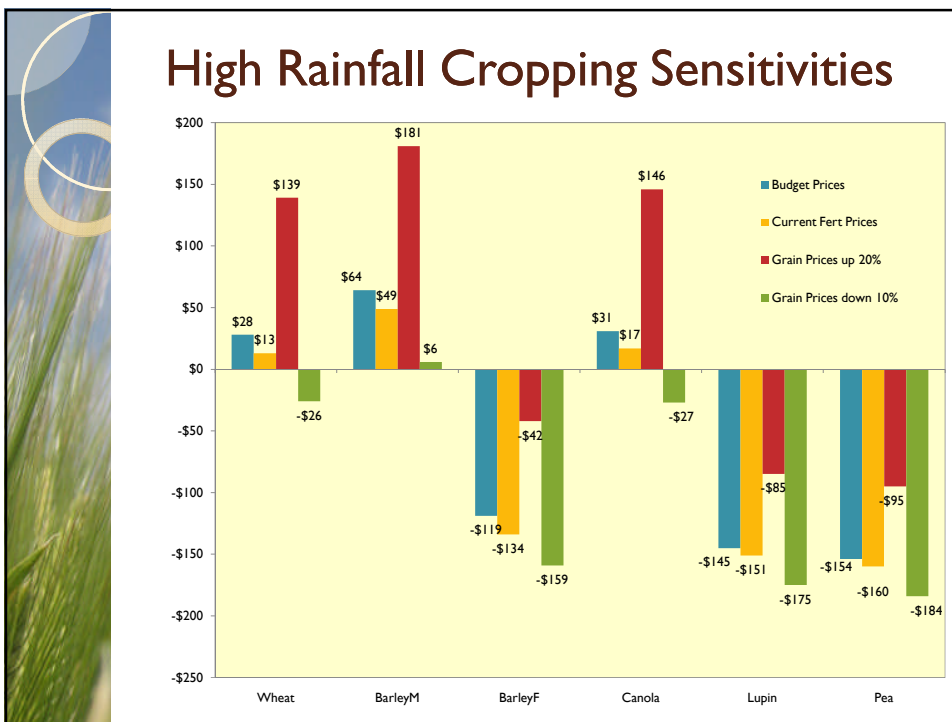
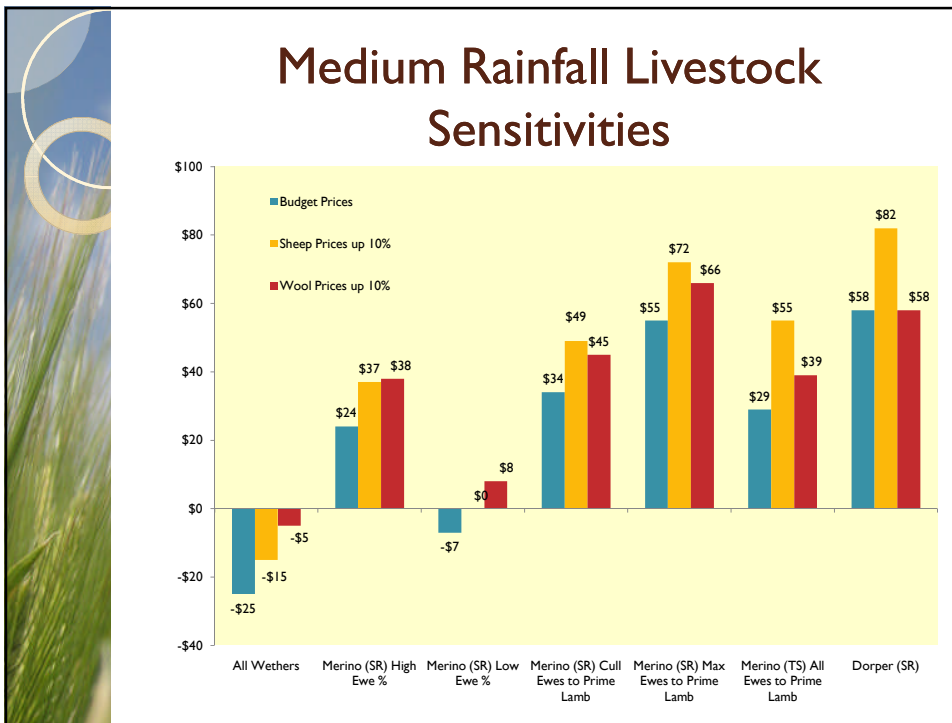


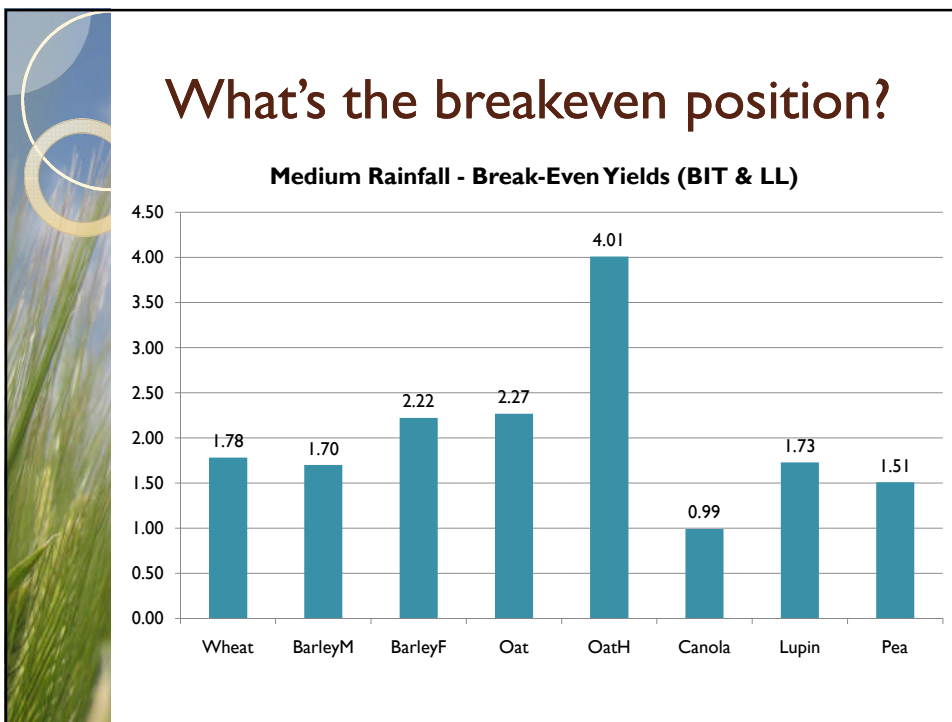
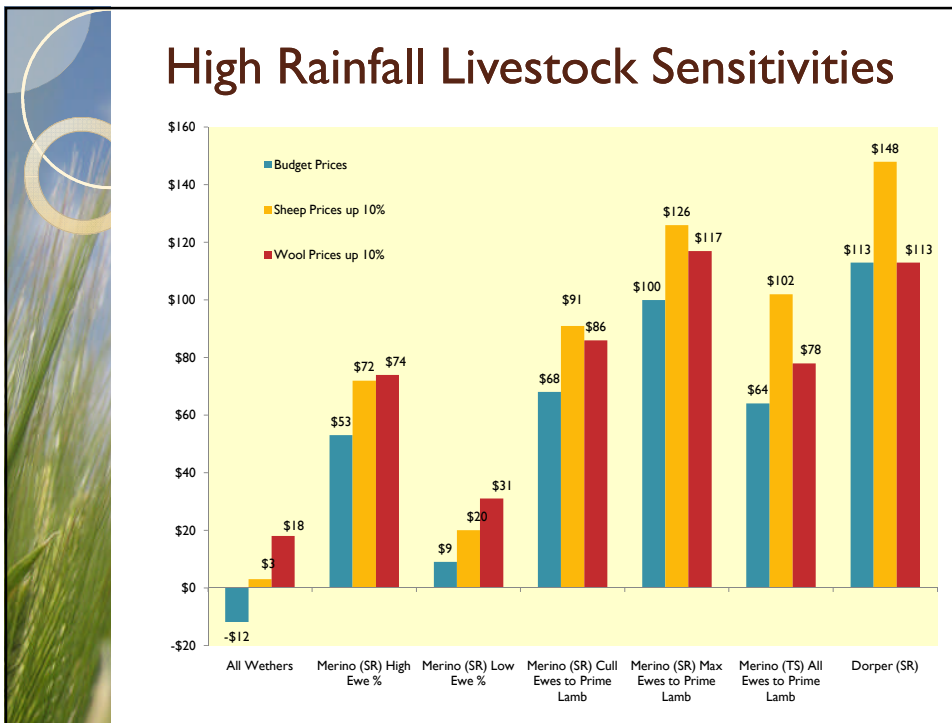
Selected Rotations High RFZ South



Medium Rainfall Cropping Sensitivities

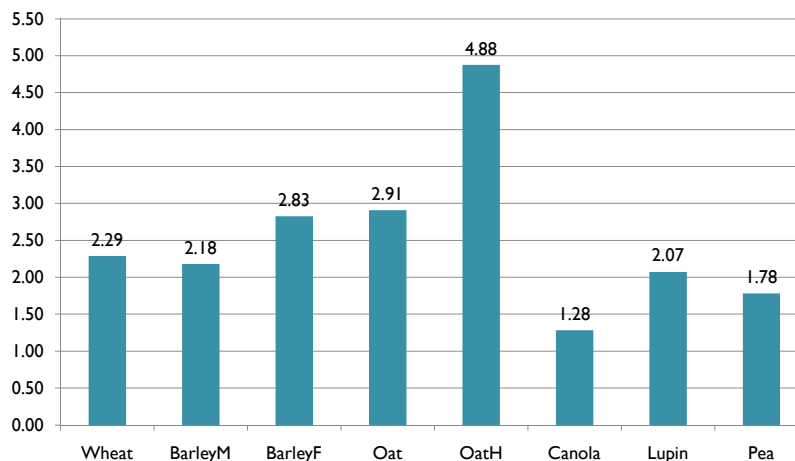






What's the breakeven position?

High Rainfall - Break-Even Yields (BIT & LL)



Summary

- At 5 year average pricing most rotations generate a profit
- Pick rotations that best fit the paddock
 - Legume performance has a large impact on the decision – critical in low rainfall years
- Stick to proven rotations that you know are profitable and sustainable.
- Consider Canola if you haven't already done so
- Consider the risk of increasing the cropping percentage.
- Massage Rotations rather than radical change
- Don't go chasing the rainbow!

