

WEANERS ON GREEN FEED

Enter data in the white boxes.

	DATA	COMMENT
GENERAL INPUTS FOR FINISHING LAMBS ON GREEN FEED		
Date to commence grazing weaners on green feed	1/02/2014	Same time as ewes flushed.
Green FOO when weaners in (kg DM/Ha)	2000	From flushing input sheet.
Digestibility/average ME of green feed	75% - 11MJ ME/kg DM - Vegetative	From flushing input sheet.
Wastage factor %	20%	From flushing input sheet.
Green feed growth rate (kg DM/Ha/day)	20	From flushing input sheet.
Amount of green FOO to graze down to for weaners (kg DM/Ha)	1000	Pastures with less than 800 kg DM/ha of green feed are unsuitable for growing weaners without additional supplement. See Table 8.
OPTION 1 - WEANERS ON AREA OF GREEN FEED NOT REQUIRED FOR FLUSHING EWES		
Grazing inputs		
Area of green feed available (Ha)	2.4	Area remaining after area required for flushing ewes.
Average weaner starting weight (kg LW/hd)	30	
Weaner intake (kg DM/hd/day)	1.6	
Weaner intake + waste (kg DM/hd/day)	1.9	
Days grazing	30	Set stocking on green feed should be avoided to maintain plant quality and persistence.
No of weaners that can be grazed	67	
No. of weaners you will graze	60	
Average weaner daily weight gain (g/hd)	273	
Total weaner weight gain per head (kg/hd)	8.2	
Expected weaner weight at end grazing period (kg LW/Hd)	38.2	
OPTION 2 - ALL GREEN FEED FOR WEANERS ONLY		
Grazing inputs		
Area of green feed available (Ha)	30	
Average weaner starting weight (kg LW/hd)	35	
Weaner intake (kg DM/hd/day)	1.7	
Weaner intake + waste (kg DM/hd/day)	2.0	
Days grazing	30	
No of weaners that can be grazed	787	
No. of weaners you will graze	700	
COSTS SAVED FOR WEANERS THAT WOULD OTHERWISE BE ON PASTURE/SUPP FEED IF NOT ON GREEN FEED		
Grazing Inputs		
Paddock size (Ha)	25	
Start date	1/02/2014	
Number of days grazed	30	Same days as weaners otherwise on green feed.
Average weaner weight at start (kg LW/Hd)	30	
FOO when weaners in (kg DM/Ha)	1500	
Digestibility/average ME of pasture	50% dig, 6.5 MJ ME/kg - Dry, perennial	
Wastage factor %	20%	
Pasture growth (kg DM/Ha/day)	1.0	
Amount FOO to graze down to for weaners (kg DM/Ha)	800	Pastures with less than 800 kg DM/ha of green feed are unsuitable for growing weaners without additional supplement.
Weaner intake (kg DM/hd/day)	1.2	
Weaner intake + waste (kg DM/hd/day)	1.4	
No. weaners that can be grazed without supplementation	439	
No. weaners grazed on pasture	640	Weaners on green feed only (option 2) minus weaners on green feed (option 1)
Value of pasture (c/MJ ME)	0.1	
Value of pasture consumed + wastage (\$)	\$173	
Supplement feed inputs		
Supplement fed	Barley	
Grain form	Whole	
Amount fed (Kg/Hd/Day)	1.0	
Value (\$/Tonne)	\$190	
Labour to supp feed (Hrs/day)	0.5	
Labour cost (\$ per Hr)	\$23.00	
Total cost of supp feed (incl. labour)	\$3,993	
Average weaner weight gain (g/hd/day)	310	
Total weaner weight gain per head (kg/hd)	9.3	
Expected weaner weight at end grazing period (kg LW/Hd)	39.3	
Total Feed Costs Saved		
Total weaner pasture/supp feed costs saved (\$)	\$4,166	
Total weaner pasture/supp feed costs saved (\$ per Hd)	\$6.51	
Total weaner pasture/supp feed costs saved (\$/ha of green feed)	\$139	
Total weaner pasture/supp feed costs saved (\$/ha total farm area)	\$17	