



First Name Last Name

Veterinarian's Name

Date of Visit Producer OSHP #

FLOCK PRODUCTIVITY CALCULATION & GOAL SETTING FORM

Twelve month period to be examined:

Start date: _____ **End date:** _____

General Reproductive Management: (check only one) # Groups that lambd in 12 mo

- Annual lambing - only one breeding / lambing group # lambing groups: 1
- Annual lambing but more than one breeding / lambing group # lambing groups: _____
- Accelerated lambing in which ewes may lamb more than once / yr # lambing groups: _____

TABLE 1. PERFORMANCE OVER 12 MONTH PERIOD

REQUIRED/ OPTIONAL	PRODUCTIVITY MEASURE	CALCULATION input #s from data entry form	YOUR FLOCK	YOUR GOAL
GENERAL INVENTORY				
R	Adult Mortality Rate	$(\#8/\#7) * 100\%$	%	
R	Adult Cull Rate	$(\#9/\#7) * 100\%$	%	
REPRODUCTIVE PERFORMANCE				
O	Ram : Ewe Ratio ¹	$(\#10/\# \text{rams used to breed})$	1:	
O	Pregnancy (Scanning) Rate	$([\#12-\#13]/\#12) * 100\%$	%	
O	% Scanned Open	$(\#13/\#12) * 100\%$	%	
O	% Scanned with Singles	$(\#14/\#12) * 100\%$	%	
O	% Scanned with Twins	$(\#15/\#12) * 100\%$	%	
O	% Scanned with Triplets & More	$(\#16/\#12) * 100\%$	%	
R	Lambing Rate / Exposure to Ram	$(\#17/\#10) * 100\%$	%	
O	Lambing Rate / Ewe Exposed to Ram ²	$(\#17/\#11) * 100\%$	%	
O	Ewe Lamb Lambing Rate	$(\#22/\#21) * 100\%$	%	
O	Age at 1 st Lambing	$(\#23/\#22)$	mo.	
O	Abortion Rate	$(\#24/\#10) * 100\%$	%	
R	Lambs Born / Exposure to Ram	$(\#26/\#10)$		
O	Lambs Born / Ewe Exposed to Ram ¹	$(\#26/\#11)$		
R	Lambs Born / Lambing	$(\#26/\#17)$		

¹ Calculate if only one breeding group.

² Only calculate if practice accelerated lambing.

REQUIRED/ OPTIONAL	PRODUCTIVITY MEASURE	CALCULATION input #s from data entry form	YOUR FARM	YOUR GOAL
O	Proportion of Ewes Lambing: Singles	(#18/#17) * 100%	%	
O	Twins	(#19/#17) * 100%	%	
O	Triplets or More	(#20/#17) * 100%	%	
R	Length of Lambing Period	(#25)	days	
O	Proportion of Ewes Lambing To ³ : 1 st Cycle	(#B10/#17) * 100%	%	
O	2 nd Cycle	(#B11/#17) * 100%	%	
O	3 rd Cycle or Later	(#B12/#17) * 100%	%	
LAMB SURVIVAL PERFORMANCE				
R	Stillbirth Rate	(#27/#26) * 100%	%	
R	Pre-Weaning Lamb Mortality Rate	(#31/#28) * 100%	%	
O	Proportion of Lambs Dying: ⁴ Birth to 10 Days	(#29/#28) * 100%	%	
O	11 Days to Weaning	(#30/[#28-#29]) * 100%	%	
O	Post-Weaning Lamb Mortality Rate	(#32/#28-#31) * 100%	%	
O	Total Lamb Mortality Rate	([#27+#33]/#26) * 100%	%	
WEANING PERFORMANCE				
R	Lambs Weaned / Exposure	(#34/#10)		
O	Lambs Weaned / Ewe / Year ¹	(#34/#11)		
R	Lambs Weaned / Lambing	(#34/#17)		
O	Avg Weaning Weights of Lambs	(#35/#34) (kgs or lbs)		
O	Kg / lbs Lambs Weaned / Exposure	(#35/#10) (kgs or lbs)		
O	Kg/ lbs Lamb Weaned / Ewe ¹	(#35/#11) (kgs or lbs)		
O	Kg / lbs Lambs Weaned / Lambing	(#35/#17) (kgs or lbs)		

³ These numbers can be obtained from the data entry sheet table 2 (by breeding group).

⁴ This classification of lamb mortality is identical to that used by the Ontario Sheep Flock Improvement Program. EweByte Sheep Management System uses a slightly different classification but either is acceptable for this program.

Table 2. All information in this table is optional. Only space for 5 breeding groups.

PRODUCTIVITY MEASURE & FORMULAE	YOUR FLOCK BY BREEDING GROUP				
BREEDING GROUPS #	1	2	3	4	5
INFORMATION ON MANAGEMENT					
Ram in Date					
Ram : Ewe Ratio (B1/B2)					
Pregnancy (Scanning) Rate (B3/B1) * 100%					
Singles (B4/B3): Twins (B5/B3): Triplets + (B6/B3) (%)					
Your Goal					
Lambing Rate (B7/B1) * 100%					
Your Goal					
Lambs Born / Ewe Exposed (B17/B1)					
Your Goal					
Lambs Born / Lambing (B17/B7)					
Your Goal					
Singles (B8/B7) vs Twins (B9/B7) vs Triplets + (B10/B7)					
Your Goal					
Ewe Lamb Lambing Rate (B12/B11) * 100%					
Your Goal					
Length of Lambing Period (B13) (days)					
Your Goal					
Proportion of Ewes Lambing to: 1 st Cycle (B14/B7) : 2 nd Cycle (B15/B7) : 3 rd Cycle (B16/B7)					
Your Goal					
Abortion Rate (B17/B1)					
Your Goal					
Stillbirth Rate (B19/B18) * 100%					
Your Goal					
Proportion Dying (*100%) Birth to 10 Days (B20/[B18-B19])					
Your Goal					
11 Days to Weaning (B21/[B18-(B19+B20)])					
Your Goal					
Post-Weaning (B22/B18-[B19+B20+B21])					
Your Goal					
Lambs Weaned / Ewe Exposed (B24/B1)					
Your Goal					
Lambs Weaned / Ewe Lambing (B24/B7)					
Your Goal					
Kg Lambs Weaned / Ewe Exposed (B25/B1)					
Your Goal					