

**VAC-45 BACKGROUNDING BUDGET**  
*Ronald Gill, Livestock Specialist, TAES*

	<u>Example*</u>	<u>Your Cost</u>
<b>Normal Weaning Program</b>		
Weaning Weight (Lbs)	550 lbs	_____
Expected Shrink (% , Lbs)	9% , 50 lbs	_____
Pay Weight (Lbs)	500 lbs	_____
Expected Sale Price (\$/CWT)	\$65.00	_____
1. Marketing Costs (\$/Head)	\$12.50	_____
<b>Net Income at Weaning</b>	<b>\$312.50</b>	_____
<b>VAC-Prewean &amp; Prewean Plus VAC-45</b>		
Initial Vaccination: (Per/Head)		
2.    Clostridial	\$0.60	_____
3.    BRD	\$1.60	_____
4.    Intranasal	\$0.40	_____
Additional Vaccine:		
5.    H. Somnus	\$0.08	_____
6.    Etc. - Once PMH	\$2.00	_____
Labor Costs (processing)	\$5.00	_____
7.    Expected Increase in Value/Lb	-0-	_____
Selling Price/CWT	\$65.00	_____
Added Cost of VAC	\$9.68	_____
<b>Net Income at Weaning</b>	<b>\$302.82</b>	_____
<b>VAC-45:</b>		
Booster Vaccination: (Per/Head)		
8.    Clostridial	\$0.60	_____
9.    BRD	\$0.80	_____
10.   Intranasal	\$0.40	_____
Additional Vaccine:		
11.   H. Somnus	\$0.08	_____
12.   Etc.	\$2.00	_____
13.   Antibiotic	\$0.60	_____
14.   Weaning Ration	\$11.00	_____
15.   Forage/Pasture Cost	\$15.00	_____
16.   Supplement Cost	\$10.00	_____
17.   Interest Cost	\$5.37	_____
Opportunity Cost	-0-	_____
Labor Cost (processing)	\$5.00	_____
<b>Backgrounding Costs</b>	<b>\$50.85</b>	_____
<b>Expected Increase in Value:</b>		
18.   Selling Price/CWT	\$68.35	_____
19.   Weight Gain	68 lbs	_____
20.   Ending Weight	618 lbs	_____
Expected Shrink	3% , 18 lbs	_____
Projected Pay Weight	600 lbs	_____
<b>21. Net Income at Marketing</b>	<b>\$337.07</b>	_____
<b>22. Advantage to Backgrounding</b>	<b>\$24.57</b>	_____

\*The numbers used are for example only.

## VAC - 45 BACKGROUNDING BUDGET

### \*Cost Explanation Sheet

1. \$2.50/CWT (\$12.50 on a 500# steer calf) to cover freight and all commission fees.
2. Vision 7 Somnus
3. CattleMaster 4
4. TSV-2
5. Somnus included in clostridial vaccine.
6. Pasteurella- Once PMH
7. Data does not support an increase in price without utilization of a proper preconditioning program.
8. Vision 7 Somnus
9. BoviShield 4
10. TSV-2
11. Somnus included in clostridial.
12. Pasteurella vaccine - Once PMH.
13. Pen BP-48
14. Weaning Ration (14 Days)  
Five lbs./hd/day of a prepared ration costing \$180/ton.  
Ten lbs./hd/day of high quality grass hay at a cost of \$25/1200 lb. round bale.  
One lb./hd/day of 47.5% soybean-meal costing \$250/ton.
15. \$10.00/month
16. Three lbs./hd/day of a 25% cube for 31 days at a cost of \$215/ton.
17. 12% APR. for 45 days on Net Income at Weaning and Cost of VAC-PreWean and Vac-45  
 $(\$302.82 + 9.68 + 45.48) \times (0.12/360 \times 45) = \$5.37$
18. "Feedlot Survey" indicates preconditioning program increases per pound value of a 550# steer calf by an average of \$3.35/CWT.
19. 1.5 lbs./hd/day for 45 days.
20. Weaning weight plus weight gained during 45 days of backgrounding program.  
 $550 + 68 = 618$ .
21. (Pay Weight x Selling Price) - (Marketing costs + Vac-Prewean costs + Backgrounding costs)  
 $(600 \times .6835) - (\$12.50 + \$9.68 + \$50.85) = \$337.07$
22. Answer to formula in #21 minus Net Income at Weaning with Normal Weaning Program.  
 $\$337.07 - \$315.50 = \$24.57$

\*The numbers used are for example only.