



Early Weaning Decision Aid

Texas Agrilife Extension and Oklahoma State University



EXTENSION

Originally developed by
Lawrence Falconer, Professor, Texas Agrilife Extension Service and James McGrann, Professor Emeritus, Texas A&M University
Update by
Damona Doye and Roger Sahs, Agricultural Economics, Oklahoma State University

Sale weight, early weaning	400
Projected sale weight, late weaning	500
Sale price for 400 pound calves (\$/cwt)	\$ 180
Projected sale price for 500 pound calves (\$/cwt)	\$ 160
Marketing cost	3%
Early wean sale proceeds, net marketing cost	\$ 698
Late wean sale proceeds, net marketing cost	\$ 776
Early weaning date	8/15/2019
Late weaning date	10/15/2019
Days calves would remain on cows	61
Nursing cow feed cost (\$/head per day)	\$ 3.00
Dry cow feed cost (\$/head per day)	\$ 2.00
Savings in feed cost (\$ per cow)	\$ 61
Advantage to early weaning (\$ per head)	\$ 66

Cost differential for feed costs between nursing and dry cows

Increment (\$/hd/day) used in sensitivity table	\$1.00		
Cost differential (\$/hd/day)	Sale price (\$/cwt) for 400 pound calves needed to breakeven	Sale price (\$/cwt) for 500 pound calves needed to breakeven	
\$4.00	\$116	\$211	
\$3.00	\$131	\$198	
\$2.00	\$147	\$186	
\$1.00	\$163	\$173	
\$0.00	\$179	\$161	
(\$1.00)	\$194	\$148	
(\$2.00)	\$210	\$136	
Expected change in % next calf crop	-10%		
Projected sale price for 500 pound calves for the next calf crop (\$/cwt)	\$	165	

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