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NET SALES IN DOLLARS PER HEAD FOR STOCKER CATTLE
TRANSACTIONS AT DIFFERENT PURCHASE AND SALE PRICES

Average Purchase Weight = 500 Pounds
Average Sale Weight = 750 Pounds

Note: This table demonstrates how varying prices affect net sales for these given weights. It will not be accurate, however, for other purchase and sale weights, even if the gain is the same (250 pounds).

	Sale Price per Head, Dollars (750 pounds) and per Pound, Cents									
	\$300 40¢	337.50 45	375 50	412.50 55	450 60	487.50 65	525 70	562.50 75	600 80	
90						37.50	75.00	112.50	150.00	\$450
85					25.00	62.50	100.00	137.50	175.00	425
80				12.50	50.00	87.50	125.00	162.50	200.00	400
75			0	37.50	75.00	112.50	150.00	187.50	225.00	375
70		-12.50	25.00	62.50	100.00	137.50	175.00	212.50	250.00	350
65	-25.00	12.50	50.00	87.50	125.00	162.50	200.00	237.50	275.00	325
60	0	37.50	75.00	112.50	150.00	187.50	225.00	262.50	300.00	300
55	25.00	62.50	100.00	137.50	175.00	212.50	250.00	287.50		275
50	50.00	87.50	125.00	162.50	200.00	237.50	275.00			250
45	75.00	112.50	150.00	187.50	225.00	262.50				225
40	100.00	137.50	175.00	212.50	250.00					200

To calculate the effect of mortality on net sales for a group of these cattle, multiply the percent mortality by the sale price per head and subtract from the net sales figure in the table. For example:

Purchase 500 steers @ 500 pounds @ 65¢
Sell 490 steers @ 750 pounds @ 55¢

10 deaths ÷ 500 steers = 2% mortality
2% x \$412.500 sale price per head = \$8.25

Net sales per head purchase = \$87.50 - \$8.25 = \$79.25