



## CONVERSION from Cow/Calf Only to Cow/Calf with Grass-Finish Beef – Total/Year, Maui County

### POSITIVE EFFECTS of CONVERSION (total/year):

#### Added Returns:

1. Grass-finish weaned calf sales: 100 carcasses @ 648 lbs=> 64,800 lbs @ \$1.90/lb

#### Reduced Costs:

1. Veterinary costs (200 cows+10 bulls): \$10/head/year \* 210 head => \$2,100/year
2. Mineral costs (200 cows+10 bulls): \$34.66/head/year \* 210 head => \$7,279/year
3. Water costs (200 cows+10 bulls): 12gal \* 365days \* 210 head=> 919.8Tgal @ \$1.10=> \$1,012/year or \$4.82/head
4. Bull costs: 10 bulls @ \$1,500=> \$15,000/6 years = \$2,500/year or \$250/head
5. Opportunity interest on bulls: \$2,500/year @ 7% interest=> \$175/year or \$17.50/head

### NEGATIVE EFFECTS of CONVERSION (total/year):

#### Reduced Returns:

1. Farm-gate weaned calf sales: 375-125= 250 calves @ 400 lbs=> 1,000 cwt @ \$94.40/cwt

#### Increased Costs:

1. Veterinary costs, 1<sup>st</sup> cohort: \$15/hd/18 mos.=> \$1,500/1.5yrs=> \$1,000/year or \$10/head
2. Mineral costs, 1<sup>st</sup> cohort: \$51.99/hd/18 mos.=> \$5,199/1.5yrs=> \$3,466/year or \$34.66/head
3. Water costs, 1<sup>st</sup> cohort: 12gal/d/hd=>438Tgal @ \$1.10=> \$482/year or \$4.82/head
4. Veterinary costs, 2<sup>nd</sup> cohort: \$15/hd/18 mos.=> \$1,500/1.5yrs=> \$1,000/year or \$10/head
5. Mineral costs, 2<sup>nd</sup> cohort: \$51.99/hd/18 mos.=> \$5,199/1.5yrs=> \$3,466/year or \$34.66/head
6. Water costs, 2<sup>nd</sup> cohort: 12gal/d/hd=>438Tgal @ \$1.10=> \$482/year or \$4.82/head
7. Management costs: 10hrs/year @ \$50=> \$500/year

