

BRIEF SUMMARY OF BEEF CATTLE COST STUDY, 1947  
CONDUCTED WITH 4 RANCHES IN SCOTT VALLEY, SISKIYOU COUNTY

Production Data - 4 Ranches

|   |      |
|---|------|
| > Total number of animal units in the 4 ranches     | 1454 |
| > Pounds produced per animal unit                   | 386  |
| > Pounds sold per animal unit                       | 567  |
| > Calves raised per 100 breeding cows (calf crop)   | 76   |
| > Head (other than calves) died per 100 animal unit | 7.4  |
| > Hours of labor per animal unit                    | 7.7  |

Investment per Animal Unit - 4 ranches

|  |                  |
|--|------------------|
| > Corrals, buildings, equipment, feed, misc, cars,               | \$ 34.30         |
| > Stock (somewhat below market value)                            | 126.87           |
| > Owned land, for cattle only, (at cost or below present market) | 58.33            |
| > Total investment per animal unit - cattle business only        | <u>\$ 219.50</u> |

Costs & Income per Animal Unit - 4 ranches

|   |                 |
|---|-----------------|
| > Low hill range  | \$ 5.29         |
| > National forest grazing fee only                              | .44             |
| > Valley irrigated pasture                                      | 10.19           |
| > Grain stubble   | 1.41            |
| > Hay aftermath   | 2.89            |
| > Hay   | 19.90           |
| > Grain & concentrates  | 1.83            |
| > Salt & minerals   | .65             |
| Labor   | 7.00            |
| Saddle & pack horses  | 1.52            |
| Auto & truck  | 2.03            |
| Misc., taxes, insurance, etc.                                   | 2.55            |
| Depreciation on buildings, fences, etc.                         | 2.00            |
| Interest on investment in cattle & facilities, 5%               | 7.97            |
| Interest on land is \$7.21 and is included in above land costs. | -----           |
| Total costs   | <u>\$ 65.67</u> |
| Value of stock produced   | <u>83.56</u>    |
| Management income per animal unit                               | <u>\$ 17.89</u> |

Feed Data - 4 ranches

|                                     |      |
|-------------------------------------|------|
| Pounds of hay fed per animal unit   | 2108 |
| Pounds of grain fed per animal unit | 61   |

|                         | <u>Acres used/Av.AU.</u> | <u>% feed furnished</u> | <u>lbs produced/averAU.</u> |
|-------------------------|--------------------------|-------------------------|-----------------------------|
| Low hill range          | 11.01                    | 17.7                    | 97                          |
| * National forest       | 1.59                     | 9.7                     | 53                          |
| Irrigated pasture       | .98                      | 32.3                    | 149                         |
| Grain stubble           | .42                      | 5.9                     | 10                          |
| Hay aftermath           | .98                      | 11.8                    | 20                          |
| Feed lot or hay & grain | <u>.02</u>               | <u>22.6</u>             | <u>57</u>                   |
| Total                   | 14.91 acres              | 100 %                   | 386                         |

\*\*National Forest Data on 3 ranches only

|   |         |
|---|---------|
| Cash costs per Animal unit while in forest              | \$ 8.91 |
| Days spent in forest                                    | .89     |
| Cash costs per animal unit month                        | \$ 3.01 |
| Pounds of beef produced per animal unit while in forest | 127     |
| Average daily gain per animal unit while in forest      | 1.43    |
| Surface acres of grazing land per animal unit           | 3.9     |
| Number of trips made to forest                          | 4       |
| Death loss while in forest.                             | 1.2 %   |

\* The figures given here are an average of the 4 ranches in the study. One ranch did not use the national forest but was included in the average.

\*\*The figures here concern only the three ranches that used the forest and only for the period while cattle were in the forest. It shows what took place in the forest only and does not concern the rest of the year or other operations.