

HUMBOLDT COUNTY

DEPARTMENT OF AGRICULTURE

ANNUAL CROP REPORT

For Year Ending
December 31, 1993





DEPARTMENT OF AGRICULTURE
COUNTY OF HUMBOLDT

5630 SOUTH BROADWAY EUREKA, CALIFORNIA 95503
PHONE (707) 445-7223

**RE: YOUR REQUEST FOR A COPY OF THE 1993 HUMBOLDT COUNTY ANNUAL
CROP REPORT**

Dear Requester:

Here is a copy of Humboldt County's 1993 summary of agricultural production. Please excuse the format. This is the first time in 50 some years that we haven't prepared the Annual Crop Summary for general distribution. We will, however, try and make copies of the data for those with a need to know.

If you have any questions or comments about the attached information, please let me know.

Sincerely,

John E. Falkenstrom
Agricultural Commissioner

Attachment



DEPARTMENT OF AGRICULTURE
COUNTY OF HUMBOLDT

5630 SOUTH BROADWAY EUREKA, CALIFORNIA 95503
PHONE (707) 445-7223

Henry J. Voss, Secretary
California Department of Food and Agriculture
and
The Honorable Board of Supervisors of Humboldt County

As provided by Section 2279 of the California Food and Agricultural Code, I am forwarding this 1993 Annual Crop Report which summarizes gross agricultural production information for Humboldt County. This is the first time in some 50 years that this report has not been prepared for general distribution.

The total gross value of Humboldt County's agricultural production for calendar year 1993 is reported at \$339,918,000 or an increase of \$72,995,000 over the previous year.

The major production categories are summarized below in order of their gross value contribution. It should be noted that our '93' overall production is greater than last year's by 72.9 million dollars.

| | |
|--|---------------|
| Timber Production/Products | \$268,010,000 |
| Milk & Milk Products | 27,065,000 |
| Nursery Stock (cut flowers, ornamentals, and forest tree production) | 20,940,000 |
| Livestock (beef cattle, milk cows, sheep, etc.) | 15,289,000 |
| Field Crops (alfalfa, silage, range, etc.) | 7,411,000 |
| Vegetable Crops | 1,103,000 |
| Fruit & Nut Crops | 100,000 |

This agricultural production summary is the result of many contributors from within our agricultural community--A special note of thanks is extended to the many individuals, companies and agencies who responded to our requests for production data. In addition, Assistant Commissioner, James Spallino, deserves the credit for compiling this information into its final form.

Sincerely,

John E. Falkenstrom
Agricultural Commissioner

1993 CROP REPORT REVIEW

Humboldt County Department of Agriculture
5630 S Broadway, Eureka
California 95503

FIELD CROPS.

Insufficient rainfall at the wrong time had some influence in field crop production. Dry land hay yield was lower than the previous year while irrigated fields of grass-clover and alfalfa were able to maintain production near 1992 levels.

Better reporting accounted for the higher acreage going to silage. Both grass-clover and corn were chopped and placed in plastic bag silos. Production was affected by dry conditions in some areas.

Unit values were generally higher than those reported in 1992.

VEGETABLE CROPS.

Vegetable acreage remained basically unchanged even though farmers participating in the cottage farming industry of one-half acre and less increased over 1992 numbers.

Production was somewhat less than in 1992 due in part to poor weather conditions during the early period. Commercial snap bean and bean and alfalfa sprouts had fared better than in 1992.

Values were generally mixed.

FRUIT AND NUTS.

Fruit production fell behind 1992 levels. Poor weather conditions adversely affected bee activity during apple bloom in some areas. Lack of fruit thinning and tree stress reduced production in other locations.

Crop values were slightly higher than 1992 levels.

NURSERY PRODUCTS.

Cut flower production surpassed that of 1992. Mild weather conditions throughout the growing season favored good growth and more efficient picking.

Forest seedling production continued to decline due primarily to reduced timber harvest.

Values for all nursery products were slightly above those of 1992.

HUMBOLDT COUNTY
1993 CROP REPORT REVIEW
PAGE 2 OF 2

LIVESTOCK AND POULTRY.

Production of beef cattle was basically unchanged from 1992. Dry range conditions and reduced forage were undoubtedly reasons for growers not to expand their herds.

Dairy stock production dipped from that of 1992. This decrease may have been due to higher feed prices in 1993.

Sheep and lamb numbers continued their decline as more producers go out of business or convert to beef cattle. Increasing predator pressure and low wool prices have been negative incentives for remaining in the sheep industry.

Hog production rose from 1992 numbers as new growers began producing stock.

Except for hog prices values for all classes of livestock were above 1992 values.

LIVESTOCK AND POULTRY PRODUCTS.

All milk production was below 1992 amounts. Herd reduction may have been a factor for the decline. The value of milk products was slightly higher than last year.

Wool production was down as well as the average price paid to the producer. Mohair production and value increased from last year.

FOREST PRODUCTS.

Timber production declined from last year as regulatory and court actions further restrict timber harvest. Production value, on the other hand, rose sharply above the 1992 values resulting in the noted increase for 1993.

FIELD CROPS: ACREAGE, PRODUCTION AND VALUE

| CROP | YEAR | HARVESTED ACREAGE | (b) PRODUCTION | | UNIT | VALUE | |
|----------------------|------|----------------------|-------------------|-------|------|----------|--------------|
| | | | PER ACRE | TOTAL | | PER UNIT | (a) TOTAL |
| HAY, ALL | 1993 | 1,265 | 2.9 | 3,664 | Ton | 72.00 | 263,000 |
| | 1992 | 1,309 | 2.9 | 3,855 | Ton | 67.00 | 257,000 |
| ALFALFA | 1993 | 345 | 2.9 | 1,000 | Ton | 90.00 | 90,000 |
| | 1992 | 351 | 3.7 | 1,300 | Ton | 80.00 | 104,000 |
| (c) GRASS/CLOVER | 1993 | 900 | 2.9 | 2,610 | Ton | 65.00 | 170,000 |
| | 1992 | 938 | 2.7 | 2,501 | Ton | 60.00 | 150,000 |
| OAT | 1993 | 20 | 2.7 | 54 | Ton | 56.00 | 3,000 |
| | 1992 | 20 | 2.7 | 54 | Ton | 56.00 | 3,000 |
| (d) SILAGE, ALL | 1993 | 100 | 10.0 | 1,000 | Ton | 26.00 | 26,000 |
| | 1992 | 57 | 19.4 | 1,105 | Ton | 25.00 | 28,000 |
| PASTURE IRRIGATED | 1993 | 19,500 | | | | 252.00 | 4,914,000 |
| | 1992 | 19,500 | | | | 252.00 | 4,914,000 |
| RANGE | 1993 | 315,500 | | | | 7.00 | 2,208,000 |
| | 1992 | 315,500 | | | | 7.00 | 2,208,000 |
| TOTAL | 1993 | | | | | | 7,411,000 |
| | 1992 | | | | | | 7,407,000 |

(a) Totals do not add due to rounding.

(b) Figures rounded to nearest value.

(c) Includes grass hay.

(d) Includes corn silage.

VEGETABLE CROPS: ACREAGE, PRODUCTION AND VALUE

| CROP | YEAR | HARVESTED ACREAGE | PRODUCTION | | UNIT | VALUE | |
|-------------------------|------|----------------------|------------|---------|------|---------------|--------------|
| | | | PER ACRE | TOTAL | | UNIT VALUE | (e) TOTAL |
| CORN, SWEET | 1993 | 39 | 17.95 | 700 | cwt | 28.57 | 20,000 |
| | 1992 | 40 | 16.50 | 660 | cwt | 30.00 | 20,000 |
| TOMATOES | 1993 | 7 | 100.00 | 700 | cwt | 35.00 | 24,000 |
| | 1992 | 7 | 105.00 | 735 | cwt | 34.00 | 25,000 |
| (a) POTATOES | 1993 | 300 | 351.00 | 105,300 | cwt | 8.00 | 842,000 |
| | 1992 | 297 | 369.92 | 109,865 | cwt | 8.00 | 879,000 |
| (b) MISC. SQUASH | 1993 | 17 | | 1,500 | cwt | | 16,000 |
| | 1992 | 18 | | 1,869 | cwt | | 18,000 |
| (c) MISC. CUCURBITS | 1993 | 5 | | 1,060 | cwt | | 17,000 |
| | 1992 | 7 | | 1,093 | cwt | | 18,000 |
| (d) MISC. VEGETABLES | 1993 | 80 | | 5,586 | cwt | | 184,000 |
| | 1992 | 78 | | 4,729 | cwt | | 79,000 |
| TOTAL | 1993 | 448 | | 114,846 | cwt | | 1,103,000 |
| | 1992 | 447 | | 118,951 | cwt | | 1,039,000 |

(a) Includes fresh market and processing.

(b) Includes hubbard, scallop, zucchini, and pumpkin.

(c) Includes cucumbers and all melons.

(d) Includes cabbage, cauliflower, snap beans, peppers, carrots, broccoli, spinach, artichokes, sprouts(mong,alfalfa etc.) and beets.

(e) Totals do not add due to rounding.

FRUIT AND NUTS: ACREAGE, PRODUCTION AND VALUE

| CROP | YEAR | BEARING ACRES | PRODUCTION | | UNIT | VALUE | |
|------------------|------|---------------|------------|-------|------|----------|-----------|
| | | | PER ACRE | TOTAL | | PER UNIT | (d) TOTAL |
| (a) APPLES, ALL | 1993 | 46 | 51.13 | 2,352 | cwt | | 71,000 |
| | 1992 | 46 | 67.78 | 3,118 | cwt | | 93,000 |
| (b) MISC. FRUITS | 1993 | 37 | | 506 | cwt | | 29,000 |
| | 1992 | 37 | | 554 | cwt | | 36,000 |
| TOTAL | 1993 | 83 | | 2,858 | cwt | | 100,000 |
| | 1992 | 83 | | 3,672 | cwt | | 129,000 |

NURSERY PRODUCTS: PRODUCTION AND VALUE

| ITEM | YEAR | PRODUCTION AREA | | QUANTITY SOLD | UNIT | VALUE | |
|---------------------------|------|-----------------|-------------|---------------|------|----------|------------|
| | | HOUSE SQ. FT. | FIELD ACRES | | | PER UNIT | (d) TOTAL |
| CUT FLOWERS & DECORATIVES | 1993 | | 242 | | | | 18,021,000 |
| | 1992 | | 241 | | | | 17,303,000 |
| (c) PLANTS/ ORNAMENTALS | 1993 | | 10 | | | | 630,000 |
| | 1992 | | 10 | | | | 620,000 |
| SUBTOTAL | 1993 | | 252 | | | | 18,651,000 |
| | 1992 | | 251 | | | | 17,923,000 |
| TREE, FOREST NURSERY | 1993 | | 46 | 12,050 | MM | 190.00 | 2,289,000 |
| | 1992 | | 51 | 13,914 | MM | 185.00 | 2,574,000 |
| GRAND TOTAL | 1993 | | 298 | | | | 20,940,000 |
| | 1992 | | 302 | | | | 20,497,000 |

(a) Includes processed.

(b) Includes peaches, berries, grapes, pears, prunes, cherries, walnuts, and chestnuts.

(c) Includes bedding plants.

(d) Totals do not add due to rounding.

LIVESTOCK AND POULTRY: PRODUCTION AND VALUE

| ITEM | YEAR | NUMBER OF HEAD | TOTAL LIVE WEIGHT | UNIT | VALUE | |
|------------------------------|------|-------------------|----------------------|------|-----------------|--------------|
| | | | | | (e) PER UNIT | (b) TOTAL |
| BEEF CATTLE & CALVES, ALL | 1993 | 19,298 | 120,792 | cwt. | 76.26 | 9,211,000 |
| | 1992 | 19,298 | 126,474 | cwt. | 71.67 | 9,064,000 |
| COWS | 1993 | 4,168 | 39,596 | cwt. | 45.40 | 1,798,000 |
| | 1992 | 4,168 | 39,596 | cwt. | 45.70 | 1,809,000 |
| STEERS | 1993 | 1,260 | 10,710 | cwt. | 79.40 | 850,000 |
| | 1992 | 2,875 | 24,438 | cwt. | 74.50 | 1,821,000 |
| BULLS | 1993 | 172 | 2,133 | cwt. | 64.60 | 138,000 |
| | 1992 | 378 | 4,687 | cwt. | 59.10 | 277,000 |
| CALVES | 1993 | 13,698 | 68,353 | cwt. | 94.00 | 6,425,000 |
| | 1992 | 11,877 | 57,753 | cwt. | 89.30 | 5,157,000 |
| (c) STOCKER/ FEEDERS | 1993 | 11,300 | 33,900 | cwt. | 50.00 | 1,695,000 |
| | 1992 | 11,275 | 32,134 | cwt. | 50.00 | 1,607,000 |
| DAIRY COWS & CALVES, ALL | 1993 | 11,187 | | head | 1,352.00 | 3,839,000 |
| | 1992 | 12,038 | | head | 1,340.00 | 3,863,000 |
| COWS (a) | 1993 | 2,610 | | head | 1,300.00 | 3,393,000 |
| | 1992 | 2,630 | | head | 1,290.00 | 3,393,000 |
| CALVES | 1993 | 8,577 | | head | 52.00 | 446,000 |
| | 1992 | 9,408 | | head | 50.00 | 470,000 |
| SHEEP AND LAMBS, ALL | 1993 | 8,722 | 8,649 | cwt. | 55.15 | 477,000 |
| | 1992 | 10,113 | 11,629 | cwt. | 45.57 | 530,000 |
| SHEEP | 1993 | 1,999 | 2,599 | cwt. | 27.30 | 71,000 |
| | 1992 | 2,311 | 3,004 | cwt. | 22.50 | 66,000 |
| LAMBS | 1993 | 6,723 | 6,051 | cwt. | 67.10 | 406,000 |
| | 1992 | 7,802 | 8,625 | cwt. | 62.90 | 464,000 |
| HOGS | 1993 | 500 | 1,000 | cwt. | 50.10 | 50,000 |
| | 1992 | 300 | 600 | cwt. | 57.97 | 35,000 |
| (d) MISC. | 1993 | | | | | 17,000 |
| | 1992 | | | | | 10,000 |
| TOTAL | 1993 | | | | | 15,289,000 |
| | 1992 | | | | | 15,109,000 |

(a) Value per head revised.

(b) Totals do not add due to rounding.

(c) Value based on net weight gain only.

(d) Includes rabbits, earthworms, poultry, oysters, mussels and trout.

(e) Average prices. Average 1992 prices revised.

LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION AND VALUE

| ITEM | YEAR | PRODUCTION | UNIT | VALUE | |
|---------------|---------|------------|------|-----------------|------------|
| | | | | (c) PER UNIT | TOTAL |
| MILK, ALL | a) 1993 | 2,380,434 | cwt. | 11.36 | 27,052,000 |
| | 1992 | 2,508,428 | cwt. | 10.95 | 28,803,000 |
| MANUFACTURING | a) 1993 | 442,399 | cwt. | 11.05 | 4,889,000 |
| | 1992 | 477,082 | cwt. | 10.94 | 5,219,000 |
| MARKET | a) 1993 | 1,938,035 | cwt. | 11.44 | 22,163,000 |
| | 1992 | 2,031,346 | cwt. | 11.61 | 23,584,000 |
| WOOL | b) 1993 | 45,177 | lbs. | 0.27 | 13,000 |
| | 1992 | 85,548 | lbs. | 0.38 | 33,000 |
| TOTAL | 1993 | | | | 27,065,000 |
| | 1992 | | | | 28,836,000 |

a) Preliminary.

b) ASC wool summary (includes mohair). Mohair averaged \$1.16 per lb.

c) Average price paid to producers.

d) Revised estimate.

JANUARY 1 LIVESTOCK INVENTORIES

| ITEM | NUMBER ON HAND JANUARY 1, 1994 | NUMBER ON HAND JANUARY 1, 1993 |
|-----------------------|-----------------------------------|-----------------------------------|
| | (a) | (d) |
| ALL CATTLE AND CALVES | 75,000 | 71,000 |
| BEEF COWS | 24,000 | 23,000 |
| MILK COWS | 14,500 | 14,400 |
| STOCK SHEEP | 10,500 | 11,400 |
| HOGS | 500 | 500 |

FOREST PRODUCTS: PRODUCTION AND VALUE

| ITEM | YEAR | PRODUCTION | UNIT | VALUE | |
|--------|------|------------|------|----------|-------------|
| | | | | PER UNIT | TOTAL |
| TIMBER | 1993 | 464.9 | MM | | 268,010,000 |
| | 1992 | 475.8 | MM | | 193,906,000 |
| TOTAL | 1993 | | | | 268,010,000 |
| | 1992 | | | | 193,906,000 |

RECAPITULATION

| | 1993 | 1992 |
|-----------------------------|-------------|-------------|
| FIELD CROPS | 7,411,000 | 7,407,000 |
| VEGETABLE | 1,103,000 | 1,039,000 |
| FRUIT AND NUT CROPS | 100,000 | 129,000 |
| NURSERY STOCK | 20,940,000 | 20,497,000 |
| LIVESTOCK AND POULTRY | 15,289,000 | 15,109,000 |
| LIVESTOCK AND POULTRY PROD. | 27,065,000 | 28,836,000 |
| MISC (TIMBER PRODUCTION) | 268,010,000 | 193,906,000 |
| GRAND TOTAL | 339,918,000 | 266,923,000 |

FIVE YEAR AVERAGE

| | |
|-----------|-------------|
| 1986-1990 | 186,489,265 |
| 1981-1986 | 109,173,352 |
| 1976-1980 | 34,316,075 |
| 1971-1975 | 19,979,350 |

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10 LEADING CROPS

1. TIMBER PRODUCTION
2. MILK
3. NURSERY PROD. (COMBINED)
4. BEEF CATTLE & CALVES
5. DAIRY STOCK
6. POTATOES
7. SHEEP & LAMBS
8. GRASS/CLOVER HAY
9. MISC. VEGETABLES
10. ALFALFA

HUMBOLDT COUNTY AT A GLANCE

- * HUMBOLDT IS THE 14TH LARGEST COUNTY IN THE STATE.
 - CONTAINS 3,573 SQUARE MILES.
 - HAS A NORTH-SOUTH LENGTH OF 105.5 MILES.
 - HAS AN AVERAGE WIDTH OF 35 MILES.
- * ELEVATION RUNS FROM 0 TO 6,934 FEET.
- * MAJOR RIVERS INCLUDE THE KLAMATH, TRINITY, MAD, EEL, VAN DUZEN, AND MATTOLE.
- * GROWING SEASON HAS ABOUT 330 DAYS ABOVE FREEZING ALONG THE COAST AND 250 DAYS INLAND.
- * COASTAL CLIMATE CAUSES BUT A 10-DEGREE AVERAGE DAILY TEMPERATURE VARIANCE BETWEEN WINTER AND SUMMER.
- * TEMPERATURE READINGS RANGE FROM:
 - WINTER EXTREME LOWS FROM THE 20'S F ALONG THE COAST TO NEAR 0 F INLAND.
 - SUMMER EXTREME HIGHS FROM THE 60'S F ALONG THE COAST TO 85 F TO 115 F INLAND.
- * SEASONAL PRECIPITATION TOTALS MAY VARY FROM LESS THAN 25 INCHES TO ALMOST 150 INCHES.

- ANNUAL RAINFALL SPRUCE PT. (IN.)

| YEAR | RAINFALL | MONTHLY AVERAGE |
|------|----------|-----------------|
| 1993 | 38.56 | 3.21 |
| 1992 | 29.33 | 2.44 |
| 1991 | 20.73 | 1.73 |
| 1990 | 21.64 | 1.80 |
| 1989 | 24.60 | 2.05 |
| 1988 | 32.28 | 2.69 |
| 1987 | 35.28 | 2.94 |
| 1986 | 37.35 | 3.11 |
| 1985 | 24.23 | 2.02 |

- * DURING SUMMER AND FALL, FOG IS REPORTED ALONG COAST 21 PER CENT OF THE TIME.
- * YEAR AROUND MARINE WATER TEMPERATURES RANGE FROM 50 F TO 55 F ALONG COAST.

COUNTY OF HUMBOLDT
ANNUAL SUSTAINABLE AGRICULTURAL REPORTING

1993

| PEST | AGENT/MECHANISM | SCOPE OF PROGRAM (a) |
|---|--|----------------------|
| COUNTY BIOLOGICAL CONTROL | | |
| Gorse (<i>Ulex europaeus</i>) | Seed weevil (<i>Apion ulicis</i>) | 4 sites |
| Tansy Ragwort (<i>Senecio jacobaea</i>) | Ragwort flea beetle (<i>Longitarsus jacobaeae</i>) | 5 sites |
| Yellowstar thistle (<i>Centaurea solstitialis</i>) | Seed-head weevil (<i>Bangasternus orientalis</i>) | 4 sites |
| | Gall Fly (<i>Urophora silumaseva</i>) | 1 site |
| Klamath Weed (<i>Hypericum perforatum</i>) | Leaf & root weevil (<i>Chrysolina quadrigemina</i>) | County wide |

PEST EXCLUSION

| | | |
|--|----------------------|-----------------------|
| Wild garlic (<i>Allium vineale</i>) | UPS/Postal shipments | 6 rejected/destroyed |
| Certification Violations | UPS/Postal shipments | 28 rejected/destroyed |
| Various insects | UPS/Postal shipments | 13 rejected/destroyed |
| Noxious weeds | UPS/Postal shipments | 3 rejected/destroyed |

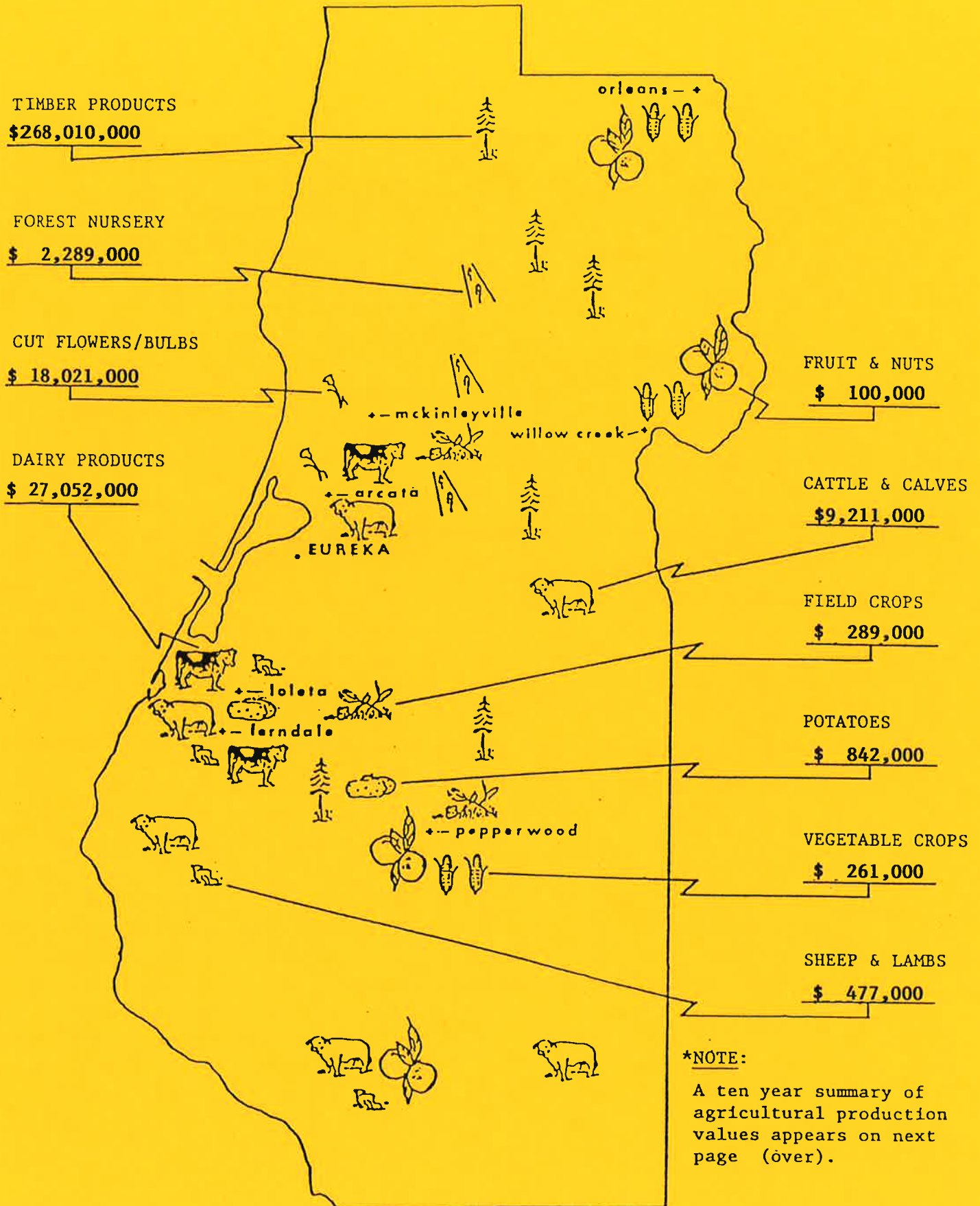
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ORGANIC FARMING STATISTICS

| CROP | NUMBER OF FARMS | ESTIMATED ACRES |
|------------------|--------------------|--------------------|
| Mixed vegetables | 27 | 213 |
| Mixed fruit | 15 | 28 |

(a) Represents total number of individual sites.

HUMBOLDT COUNTY'S AGRICULTURAL PRODUCTION
 "1993 AT A GLANCE" - WHAT'S GROWN WHERE AND VALUES



HUMBOLDT COUNTY'S AGRICULTURAL GROSS VALUE
OVER THE LAST TEN YEARS

| COMMODITY | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 |
|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| FIELD CROPS | 7,788,000 | 6,312,000 | 7,160,000 | 7,217,000 | 7,175,000 | 7,211,000 | 6,405,000 | 6,642,000 | 7,407,000 | 7,411,000 |
| VEGETABLE CROPS | 1,055,000 | 1,260,000 | 1,230,000 | 1,314,000 | 1,291,000 | 1,479,000 | 1,384,000 | 1,107,000 | 1,039,000 | 1,103,000 |
| FRUIT & NUT CROPS | 78,000 | 102,000 | 114,000 | 122,000 | 90,000 | 114,000 | 83,000 | 500,000 | 129,000 | 100,000 |
| NURSERY STOCK | 4,484,000 | 9,487,000 | 5,794,000 | 4,111,000 | 10,760,000 | 10,569,000 | 10,935,000 | 75,510,000 | 20,497,000 | 20,940,000 |
| LIVESTOCK & POULTRY | 4,961,000 | 4,731,000 | 4,966,000 | 5,968,000 | 6,019,000 | 6,633,000 | 7,402,000 | 6,773,000 | 15,300,000 | 15,289,000 |
| LIVESTOCK & POULTRY PRODUCTS | 27,455,000 | 26,913,000 | 27,847,000 | 27,627,000 | 26,061,000 | 29,304,000 | 29,700,000 | 27,025,000 | 28,836,000 | 27,065,000 |
| MISCELLANEOUS PRODUCTS | 78,583,000 | 71,754,000 | 80,162,000 | 109,143,000 | 149,401,000 | 139,916,000 | 197,658,000 | 141,500,000 | 193,906,000 | 268,010,000 |
| TOTAL | 124,404,000 | 120,559,000 | 127,273,000 | 155,502,000 | 200,797,000 | 195,226,000 | 253,567,000 | 259,057,000 | 267,114,000 | 339,918,000 |

