MILK PRODUCTION LIBRARY OF

October 13, 1958

HD 9275 U6

UMMARY (

)CT1 71958"

Production of milk on farms during September is estimated at 9,471 million pounds. This is nearly 1 percent below the same month last year, but 3 percent above the September 19 average. In the first 9 months of this year, milk production totaled 98.4 billion pounds compared with 98.9 billion pounds produced in the January-September period last year. Milk cows produced an average of 18.91 pounds of milk per cow on October 1, which was 6 percent above the previous record high for the date. Milk per cow reached new highs in all parts of the country. Crop reporters fed an average of 5.50 pounds of grain and concentrates per milk cow on October 1. was 4 percent above the previous record for the date set last year. for milk cows were unusually good as of October 1 over most of the country, continuing the excellent feed condition of the 1958 pasture season. Seasonally, dairy pastures improved slightly from the month earlier in contrast to a usual 2 percentage point decline from September 1 to October 1. Rainfall was generally adequate to maintain good grass feed over the country except in the Northern Great Plains and Rocky Mountain States. Freedom from damaging frosts during September in most areas also helped keep grass growing.

Table 1.-Monthly milk production on farms, United States, 1947-56 average, 1957 and 1958

Month		Monthly	total	Daily average per capita			
	<b>Average</b> 1947-56	1957	1958	1958 1957	<b>Average</b> 1947-56	1957	1958
	Mil. pounds	Mil. pounds	Mil. pounds	Percent	Pounds	Pounds	Pounds
Jan Feb Mar Apr May June July Aug Sept Oct Nov	9,927 10,599 12,382 12,240 11,397 10,437 9,178 8,729 7,981	9,692 9,446 10,939 11,412 13,007 12,518 11,597 10,736 9,538 9,379 8,771 9,346	9,800 9,482 10,944 11,413 12,889 12,378 11,469 10,593 9,471	101 100 100 100 99 99 99 99	1.79 1.92 2.06 2.28 2.57 2.62 2.36 2.16 1.96 1.70 1.71	1.84 1.98 2.07 2.23 2.46 2.44 2.18 2.02 1.85 1.76 1.70	1.83 1.96 2.04 2.19 2.40 2.37 2.13 1.96 1.81
Year		126,381			2.08	2.02	

# U. S. DEPARTMENT OF AGRICULTURE Agricultural Marketing Service • Crop Reporting Board

Da 1-1 (10-58)

Washington, D. C.

Table 2.-Monthly milk production on farms, selected States, September 1958  $\underline{1}/\overline{1}$ n millions of pounds $\overline{7}$ 

State	<b>Sept. av.</b> 1947-56	Sept. 1957	Aug. 1958	Sept. 1958	State	Sept. av. 1947-56	Sept. 1957	Aug. 1958	Sept. 1958
N. Y	466 452 319 407 440 1,082 491 458 351 132 105 168 187	694 89 503 454 316 405 442 1,191 514 486 334 124 109 163 160	752 92 532 476 323 446 484 1,346 650 549 353 158 136 196	398 445 1,194 508 468 311 126 114 161 151	Ga.  Ky. Tenn. Ala. Miss. Ark. Okla. Tex. Mont. Idaho Wyo. Colo. Utah Wash. Oreg.		96 233 217 95 118 101 127 227 40 122 16 71 56 150 91	95 266 247 94 129 103 141 250 46 139 18 73 65 158 102	92 235 222 87 113 88 126 228 41 124 16 66 58 149 87
Va W. Va N. C S. C	180 73 139 49	190 67 150 54	200 72 166 55	-//	Calif Other States U. S	513 610 9,178	629 704 9,538	655 855 10,593	608 693 9,471

<sup>1/</sup> Monthly data for other States not yet available.

Table 3.-Dairy product-feed price ratios, by regions, September 15, 1958

		Milk-feed	<u>1</u> /		Butterfat-feed 2/			
Region	Sept. 15 av. 1947-56	Sept. 15, 1957	Aug. 15, 1958	Sept. 15, 1958	Sept. 15 <b>av.</b> 1947-56	Sept. 15, 1957	Aug. 15, 1958	Sept. 15, 1958
N. Atl E.N.C W.N.C S. Atl S. Cent West	1.44 1.42	1.51 1.37 1.52 1.56 1.50	1.39 1.26 1.48 1.44 1.41	1.46 1.35 1.55 1.53 1.53	20.4 24.4 - 16.1 18.8	19.6 25.4 - 15.6 18.7	19.1 26.1 - 15.8 19.2	19.5 26.6 - 16.2 19.4
ຫ. ຣ	1.31	1.45	1.36	1.45	22.1	22.9	23.2	23.7

<sup>1</sup>/ Pounds of concentrate ration equal in value to 1 pound of whole milk sold by farmers to plants and dealers.

Table 4.-Value per 100 pounds of concentrate rations fed to milk cows, by regions, September 15,1958

[In dollars]

Region	Sept. 15, av. 1947-56	Sept. 15, 1957	July 15, 1958	Aug. 15, 1958	Sept. 15, 1958
N. Atl. E. N. C. W. N. C. S. Atl. S. Cent. West.	3.18 2.83 3.80 3.57	3.55 2.78 2.40 3.49 3.15 3.15	3.58 2.80 2.32 3.54 3.13 3.03	3.56 2.77 2.28 3.53 3.10 3.01	3.53 2.74 2.27 3.49 3.05 3.01
U. S. Milk-selling areas Cream-selling areas Combined milk and cream areas	3.42	3.04 2.58 2.99	3.02 2.52 2.97	2.99 2.49 2.94	2.96 2.47 2.91

<sup>2/</sup> Pounds of concentrate ration equal in value to 1 pound of butterfat in cream sold by farmers.

### Milk production less than September last year

Production of milk on farms during September is estimated at 9,471 million pounds. This is nearly 1 percent below the same month last year, but 3 percent above the September 1947-56 average. Total milk output declined slightly less than usual from August to September. In the first 9 months this year, milk production totaled 98.4 billion pounds, compared with 98.9 billion pounds produced in the January-September period last year. September milk production was sufficient to provide each person in the United States with an average of 1.81 pounds each day, which was 2 percent less than in the corresponding month last year and 8 percent less than the September average.

Among the 35 States with monthly milk production estimates, September output was at a record high level in 6 States -- Pennsylvania, Wisconsin, Virginia, North Carolina, Idaho, and Utah. Conversely, milk production was below the September average in 17 States. Output per milk cow reached record highs for September in 29 of the 35 States that estimate monthly production.

## Rate per cow reached new high

Crop correspondents reported that milk cows in their herds produced an average of 18.91 pounds of milk per cow on October 1, which was 6 percent above the previous record high for the date last year and 21 percent above the October 1 average. Milk per cow reached new highs in all parts of the country, with largest increases reported in the East North Central and South Central regions. October 1 production per milk cow for the entire country declined 1 percent seasonally compared with the usual September 1 to October 1 decrease of 5 percent. The East North Central and South Atlantic regions showed gains of 2 percent from September 1 in contrast to usual seasonal decreases of 6 and 3 percents, respectively.

Nearly 71 percent of the milk cows in herds kept by crop reporters were milked on October 1. This was 1 percent more than on the same date last year and 2 percent more than average.

## Grain feeding continues heavy

Crop reporters fed an average of 5.50 pounds of grain and concentrates per milk cow on October 1. This was 4 percent above the previous high for the date set last year, but the rate showed less than the usual seasonal increase from August 1. The quantity fed on October 1 was more than one-fourth above the 1947-56 average for the date.

October 1 feeding rates reached new highs in all regions of the country except the South Atlantic and South Central, where the amount of grain fed was 2 percent less than the record. Feeding rates on October 1 ranged from 6.9 pounds in the North Atlantic States to 4.6 pounds in the South Central. Quantities fed per milk cow in other regions were: 5.9 pounds in the East North Central; 5.7 pounds in the West; 5.2 pounds in the South Atlantic; and 5.0 pounds in the West North Central. Crop reporters across the country indicated they fed their milk cows 6 percent more grain on October 1 than on August 1. This compared with the usual seasonal increase of 8 percent between these dates. Farmers in the Atlantic Coast regions were the only ones whose average rate of feeding increased more than normally from August 1 to October 1. For the country as a whole, nearly 24 percent of the crop reporters fed no grain to their milk cows on October 1, which was a slightly smaller proportion than was reported last year and average for the date.

## September ration value lowest since 1945

The value of grain and concentrates fed to milk cows averaged \$2.91 per hundred-weight on September 15 -- down 3 percent from a year earlier and the lowest value for the date since 1945. In milk-selling areas, the value of grain and concentrates fed to milk cows on September 15 was \$2.96 per hundredweight and in cream-selling areas, \$2.47. The milk-feed price ratio for mid-September was the same as in 1944 and 1957, but otherwise the highest for the date since 1931. The butterfat-feed price ratio was 3 percent above September 15 last year and the highest since mid-September 1949.

# Good pastures on October 1

Pastures for milk cows were unusually good as of October 1 over most of the country, continuing the excellent feed condition of the 1958 pasture season. Nationally, pasture condition averaged 84 percent of normal, 3 percentage points above a year ago and 12 points above average for the date. Seasonally, dairy pastures improved slightly from the month earlier in contrast to a usual 2 percentage point decline from September 1 to October 1. Rainfall was generally adequate to maintain good grass feed over the country except in the Northern Great Plains and Rocky Mountain States. Freedom from damaging frosts during September in most areas also helped keep grass growing.

## Condition improves in North Central States

Fall rains and warm temperatures improved pastures for milk stock in the North Central regions where summer pastures had been hard hit in some Northern States by hot, dry weather. Pastures continued short and dry in most of North Dakota and the eastern half of South Dakota. In other North Central States, October 1 pastures were providing ample fall feed. Prospects for wheat pastures in Kansas are excellent.

## Pastures above average in South Central

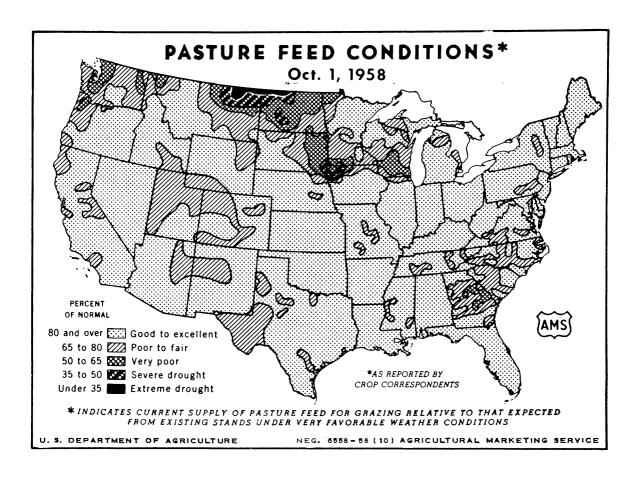
In the South Central region, dairy pasture conditions averaged 90 percent of normal -- the best for October 1 since 1950 and otherwise the most favorable since 1920. Grass provided excellent feed for milk cows in all States of that section as October 1 pasture conditions ranged from 19 to 32 percentage points above average for the date.

## Pastures excellent in North Atlantic, decline in South Atlantic

October 1 pasture conditions were the most favorable since 1920 in the North Atlantic region. With ample rainfall and normal temperatures, pastures there continued to provide good to excellent feed for milk cows. Pasture conditions by States within the region were from 10 to 19 percentage points above average and from 16 to 44 points above the drought conditions of a year ago. In the South Atlantic States, grass feed deteriorated during September. However, the October 1 condition for the region as a whole averaged 84 percent of normal -- still the most favorable for the date since 1950 and 9 points above the October 1 average.

#### Generally adequate grass in West

On October 1, pastures showed a slight improvement over September 1 in the Western section of the country. Condition of pastures was generally poor over much of Montana and the Pacific Northwest, but September rains greened up grass in some parts of Washington and Oregon. In most of the Central Rocky Mountain States, pastures were short and dry, but a good cover of mature grass provided adequate feed for milk cows. In California, pasture feed was above both a year ago and average for October 1.



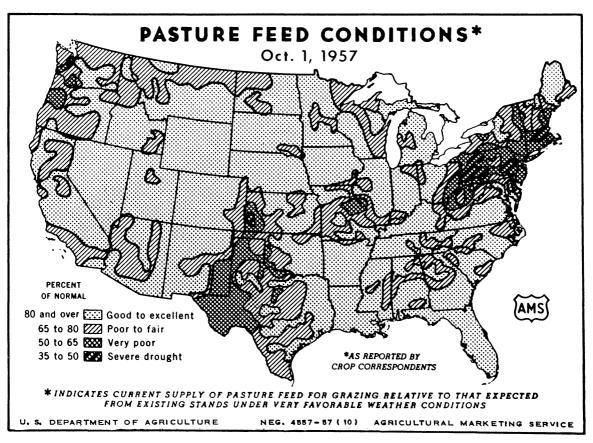


Table 5.-Milk produced per milk cow and percent of milk cows milked in herds kept by reporters 1/

State and	Milk produ	ced per milk	cow 2/	Percent of milk cows milked			
division	υςτ. 1, <b>av</b> . 1947-56	Oct. 1, 1957	0ct. 1, 1958	Oct. 1, <b>a</b> v. 1947-56	Oct. 1, 1957	0et. 1, 1958	
	Pounds	Pounds	Pounds	Percent	Percent	Percent	
Me	18.2	21.8	23.3	80.1	82.0	83.0	
N. H	19.2	21.7	22.4	78.5	74.5	76.8	
Vt	17.0	18.4	20.7	74.8	71.8	75.8	
Mass	20.0	21.5	23.8	79.5	81.2	<b>7</b> 8.6	
Conn	20.2	22.0	23.6	78.4	77.6	77.2	
N. Y	20.0	21.1	22.8	76.3	75.6	75.3	
Pa	22.0 19.5	23.8 21.2	23.4 22.4	78.7 77.0	78.2 77.3	78.9 77.6	
N. Atl	19.78	21.37	22.59	76.9	76.7	77.3	
Ohio	19.0	20.9	23.8	75.5	75 1.		
Ind	17.5	20.1	21.1	75.5 72.7	75.4 73.3	77.1 74.3	
Ill	17.1	20.0	21.1	68.7	72.7	74.2	
Mich	20.0	22.7	24.8	79.2	80.0	79.7	
Wis	16.8	19.4	20.5	73.4	73.2	73.2	
E. N. Cent	17.86	20.41	21.98	73.9	74.5	75.0	
Minn	14.1	14.8	16.5	62.9	60.7	63.2	
Iowa	16.3	19.7	19.5	67.1	69.9	68.8	
Mo	14.1	15.6	15.3	68.2	67.3	68.7	
N. Dak	12.8	13.3	15.4	62.2	57.3	60.4	
S. Dak	12.2	14.1	14.6	60.8	62.4	61.7	
Kans.	14.5 14.1	15.9 16.4	16.3 16.7	65.8 64.0	65.6 66.1	61.2 64.4	
W. N. Cent	14.22	15.79	16.52	64.5	64.1	64.4	
Md	18.5	21.0	21.6	74.9	76.0	75.6	
Va	16.3	20.3	20.9	72.1	74.4	75.3	
W. Va	14.4	15.4	17.1	72.8	73.4	73.6	
N. C	14.7	16.9	18.1	72.7	72.9	74.5	
S. C	12.0	13.5	13.4	67.6	67.4	68.0	
	14.48	12.1	12.8 17.52	60.0	59.5	60.3	
S. Atl	13.9	15.3	16.2	70.4	73.1 68.0	73.0 69.2	
Tenn.	12.2	12.5	14.1	70.4	66.5	72.2	
Ala.	9.0	8.9	8.8	57.0	57.0	52.0	
Miss	7.8	8.í	8.0	57.0	58.2	61.1	
Ark	9.4	11.5	11.2	58.2	61.4	5 <b>7.</b> 8	
La	7.2	8.2	8.3	46.0	54.6	52.6	
Okl.a.	11.0	13.4	13.5	57.8	61.9	61.9	
S. Cent.	9.1	10.3	11.0	53.9	52.3	53.3	
		11.95	12.98	61.1	61.1	63.0	
Mont	16.2 19.5	17.8 21.5	19.8	68.7	70.1	68.3	
Wyo	17.9	19.2	21.7 19.4	75.7 70.2	77.2 68.3	75.6	
Colo	16.2	18.0	18.4	68.8	70.8	70.3 69.6	
Utah	20.0	23.2	22.8	75.8	76.9	78.8	
Wash	20.2	22.4	23.2	78.0	79.0	79.8	
Oreg	17.7	19.1	20.0	77.3	81.0	79.8	
Calif	20.9	25.2	27.8	77.6	80.2	82.7	
West	19.00	22.47	23.00	75.2	78.0	77.8	
v. s	15.69	17.81	18.91	69.4	70.2	70.9	

<sup>1/</sup> Figures for New England States and New Jersey represent combined crop and special dairy reporters; others represent crop reporters only. Regional averages include less important dairy States not shown separately.

<sup>2/</sup> Averages represent daily milk production divided by the total number of milk cows (in milk or dry).

Table 6.-Dairy pasture feed condition, as percentage of normal, and "grain" fed per milk cow in herds kept by reporters

State	Dairy pastu	re feed condit	ion <u>l</u> /	"Grain" fed per milk cow 2/			
and division	Oct. 1, av. 1947-56	Oct. 1, 1957	Oct. 1, 1958	Oct. 1, av. 1947-56	Oct. 1, 1957	Oct. 1, 1958	
:	Percent	Percent	Percent	Pounds	Pounds	Pounds	
Me	74	77	93	5.4	6.4	6.3	
N. H	77	68	91	4.9	5.8	5.8	
Vt	79	71	89	4.5	5.4	5.7	
Mass	74	47	91	5.8	6.7	6.6	
Conn	76	57	93	5.9	7.3	7.4	
N. Y	76	71	90	5.7	6.3	6.9	
N. J	74	71,74	85	7.1	7.8	7.6	
Pa	75	56	88	6.6	7.7	7.3	
N. Atl	75	61	89	5.8	6.7	6.9	
Ohio	77	78	97	5.2	6.2	6.2	
Ind	77	87	96	4.9	5.5	6.1	
Ill	74	83	91	4.9	5.8	5.7	
Mich	78	86	84	5.2	6.2	6.3	
Wis	75	85	73	3.8	5.1	5.6	
E. N. Cent	76	84	85	4.6	5.6	5.9	
Minn	75	88	75	3.2	4.1	4.3	
Iowa	72	92	90	5.0	5.5	5.8	
Mo	63	76	88	4.2	5.2	5.2	
N. Dak	73	82	58	3.1	3.8	4.3	
S. Dak	71	88	63	2.8	3.2	4.2	
Nebr	71	90	87	3.6	4.0	5.0	
Kans	63	78	91	4.2	5.1	6.0	
W. N. Cent	71	86	82	3.9	4.6	5.0	
Md	79	78	87	6.2	7.0	6.2	
Va	76	84	86	4.3	6.1	5.6	
W. Va	79	64	91	2.8	3.5	3.4	
N. C	74	85	81	4.5	5.8	5.8	
S. C	69	83	77	3.8	6.0	5.0	
Ga	71	82	78	3.8	4.8	4.9	
S. Atl	75	80	84	4.2	5.3	5.2	
Ку	72	85	92	3.4	4.3	4.3	
Tenn	66	88	87	3.6	4.1	4.6	
Ala	68	83	87	3.7	4.1	4.0	
Miss	68	87	89	2.4	3.8	3.4	
Ark	62	90 87	92	3.0	4.4	3.9	
La	71 60	87 81	93	2.9	3.9	4.0	
Okla	56	72	91 88	3.6	4.9	5.4	
Tex	<del></del>			4.3	4.9	6.0	
S. Cent	64	82	90	3.5	4.3	4.6	
Mont	80	80	74	2.9	3.6	4.1	
Idaho	85	87	84	3.7	4.2	4.2	
√yo	75 68	9 <b>2</b>	83	2.8	4.1	3.3	
Colo		82 85	83	4.6	4.9	5.9	
Utah	76 77	85 71	75 60	3.9	4.5	4.8	
Wash	77	71 73	62 77	4.6	5.5	5.9	
Oreg	75 75	73 80	77 85	4.6 4.7	5.1	4.8	
West	75	79	79	<del></del>	6.5	6.5	
				4.3	5.6	5.7	
U. S	72.5	80.9	84.2	4.31	5.27	5.50	

<sup>1/</sup> Indicates current supply of feed for grazing relative to that expected from existing stands under very favorable weather conditions. Regional and U. S. averages differ from those published in Crop Production in that States are combined with dairy rather than all livestock weights.

<sup>2/</sup> Figures for New England States and New Jersey represent combined crop and special dairy reporters; others represent crop reporters only. Regional averages include less important dairy States not shown separately. Includes grain, millfeeds, and other concentrates.