

# MILK PRODUCTION

December 12, 1966

Special in this issue  
 ROUGHAGE FED TO MILK COWS--1966  
 SUMMER FEEDING SEASON, page 5

## SUMMARY

United States milk production for November is estimated at 9,108 million pounds, about the same as a year earlier. This is the second successive month at year earlier levels. Average daily production was practically unchanged from October to November this year. November milk production provided 1.54 pounds per person daily, compared with 1.55 pounds a year earlier. For the first 11 months of 1966, milk production totaled about 3 percent less than the same period last year.

Milk output per cow averaged 636 pounds for the month of November, about 6 percent above a year earlier. Average daily production per cow gained from 21.1 pounds in October to 21.2 pounds in November. Reported quantities of grain and concentrates fed to milk cows averaged 9.8 pounds per cow on December 1, up 7 percent from a year earlier.

Table 1.-Milk per cow and milk production, by months, United States 1966, with comparisons

Month	Milk per cow			Milk production			
	Average 1960-64	1965	1966	Average 1960-64	1965	1966	Change from 1965
	Pounds	Pounds	Pounds	Million Pounds	Million Pounds	Million Pounds	Percent
January.....	587	658	658	10,028	10,419	9,865	-5.3
February.....	565	622	620	9,634	9,820	9,254	-5.8
March.....	642	709	716	10,932	11,155	10,645	-4.6
April.....	659	722	735	11,197	11,305	10,874	-3.8
May.....	728	782	794	12,347	12,206	11,707	-4.1
June.....	701	756	780	11,872	11,742	11,397	-2.9
July.....	644	702	722	10,888	10,856	10,506	-3.2
August.....	602	653	676	10,158	10,046	9,799	-2.5
September.....	567	615	646	9,555	9,404	9,328	-0.8
October.....	573	621	655	9,634	9,446	9,426	-0.2
November.....	551	602	636	9,252	9,106	9,108	0
Jan.-Nov. total	-	-	-	115,497	115,505	111,909	-3.1
December.....	584	635		9,788	9,556		
Annual.....	7,407	8,080		125,285	125,061		

Table 2.—Monthly milk per cow and milk production,  
November 1966, with comparisons

State	Monthly milk per cow 1/			Milk production			
	Nov. av. 1960-64 2/	Nov. 1965	Nov. 1966	Nov. av. 1960-64 2/	Nov. 1965	Nov. 1966	Change from 1965
	Pounds	Pounds	Pounds	Million pounds	Million pounds	Million pounds	Percent
Maine.....	-	695	710	-	55	53	- 4
New Hampshire.....	-	665	670	-	27	26	- 4
Vermont.....	-	640	655	-	146	140	- 4
Massachusetts.....	-	810	830	-	62	60	- 3
Rhode Island.....	-	770	785	-	7.7	7.2	- 6
Connecticut.....	-	800	820	-	57	57	0
New York.....	650	701	720	799	810	786	- 3
New Jersey.....	724	785	805	88	82	76	- 7
Pennsylvania.....	615	690	720	526	534	531	- 1
Ohio.....	649	715	715	413	396	378	- 5
Indiana.....	611	690	705	247	243	230	- 5
Illinois.....	592	645	670	307	279	264	- 5
Michigan.....	685	750	750	432	441	411	- 7
Wisconsin.....	615	650	685	1,309	1,326	1,361	+ 3
Minnesota.....	562	555	610	714	665	682	+ 3
Iowa.....	520	555	610	421	390	390	0
Missouri.....	393	440	500	243	233	240	+ 3
North Dakota.....	386	375	435	100	81	85	+ 5
South Dakota.....	391	420	470	92	91	96	+ 5
Nebraska.....	428	460	500	127	121	123	+ 2
Kansas.....	490	530	600	151	137	140	+ 2
Delaware.....	-	610	600	-	13.4	12.6	- 6
Maryland.....	569	625	650	121	126	127	+ 1
Virginia.....	493	545	560	154	150	150	0
West Virginia.....	403	435	460	47	43	42	- 2
North Carolina.....	496	540	580	126	124	130	+ 5
South Carolina.....	434	490	500	43	42	40	- 5
Georgia.....	394	460	510	78	76	79	+ 4
Florida.....	601	650	660	110	116	119	+ 3
Kentucky.....	382	435	465	183	184	185	+ 1
Tennessee.....	330	375	405	158	164	169	+ 3
Alabama.....	317	370	390	70	70	71	+ 1
Mississippi.....	278	335	365	88	88	87	- 1
Arkansas.....	335	380	410	66	60	59	- 2
Louisiana.....	-	470	435	-	82	84	+ 2
Oklahoma.....	490	560	600	108	104	106	+ 2
Texas.....	446	540	575	234	242	242	0
Montana.....	445	450	460	32	29	28	- 3
Idaho.....	590	590	640	114	103	104	+ 1
Wyoming.....	471	485	475	13.0	12.2	11.6	- 5
Colorado.....	571	615	640	65	64	65	+ 2
New Mexico.....	-	600	600	-	24	24	0
Arizona.....	-	870	865	-	44	45	+ 2
Utah.....	635	675	730	58	57	57	0
Nevada.....	643	770	775	9.5	10.5	10.3	- 2
Washington.....	674	740	770	153	160	160	0
Oregon.....	483	500	530	72	64	64	0
California.....	807	844	895	648	656	687	+ 5
Alaska.....	649	735	770	1.73	1.54	1.46	- 5
Hawaii.....	777	815	790	11.2	12.6	11.6	- 8
United States.....	551	602	636	9,252	9,106	9,108	0

1/ Monthly rate based on all milk cows on farms (in milk or dry).

2/ Five-year averages not available for States where not shown.

### Milk production continued close to last year in November

United States milk production for November is estimated at 9,108 million pounds, about the same as a year earlier. This is the second successive month at year earlier levels. Average daily production was practically unchanged from October to November this year. November is usually the low month of U. S. milk production. For the first 11 months of 1966, milk production totaled about 3 percent less than the same period of 1965.

Of the 10 States that lead in milk production for November, output was above a year earlier only in Wisconsin, Minnesota, and California. November production equaled a year earlier in Iowa and Texas and continued below last year in New York, Pennsylvania, Ohio, Illinois, and Michigan. Production as a percentage of a year earlier, rose from October to November in only 3 of the 10 leading States-- Illinois and Minnesota and California.

### November milk per cow up 6 percent from last year

Milk output per cow averaged 636 pounds for the month of November, about 6 percent above the depressed level a year earlier. November rates per cow equaled or exceeded previous record highs for the month in all States except Minnesota, Delaware, Wyoming, Arizona, and Hawaii. On a daily average basis, output per cow gained slightly from 21.1 pounds in October to 21.2 pounds in November.

All of the West North Central States continued strong gains in rates per cow, ranging from 9 to 16 percent over a year earlier. In this region, most States failed to make the usual year-to-year gains in the fall of 1965, resulting in double gains from 1965 to 1966. California continued to lead in output -- 895 pounds per cow in November -- followed by Arizona, Massachusetts, Connecticut, and New Jersey.

### Grain and concentrate feeding rate up 7 percent from last year

Feeding of grain and concentrates averaged 9.8 pounds per cow on December 1. This was an increase of 7 percent from the 9.2 pounds fed on the same date last year. The 1960-64 average for the date is 7.9 pounds. On December 1, feeding rates averaged 11 or more pounds per cow in 15 States, compared with 9 States a year earlier.

### Milk-feed price ratio up 8 percent from year earlier

The milk-feed price ratio continues favorable compared with a year earlier, but unchanged from a month earlier. The November ratio, at 1.67, was 8 percent above the 1.55 ratio a year earlier and 9 percent above the 1960-64 average for the month. Usually there is a gain of 1 percent from October to November. In cream-selling areas, the November milkfat-feed price ratio was 24.9, compared with 24.5 a year earlier and the 5-year average of 25.0.

Table 3.-Grain and other concentrates fed daily per milk cow in herds kept by reporters, December 1, 1966, with comparisons

State	Dec. 1, av. 1960-64	Dec. 1 1965	Dec. 1 1966	State	Dec. 1, av. 1960-64	Dec. 1 1965	Dec. 1 1966
	Lb.	Lb.	Lb.		Lb.	Lb.	Lb.
Maine.....	8.6	11.3	11.0	West Virginia.....	5.7	6.7	6.8
New Hampshire...	8.5	11.0	11.0	North Carolina....	8.3	9.5	9.6
Vermont.....	8.0	9.8	9.8	South Carolina....	6.7	7.5	8.5
Massachusetts...	9.1	11.6	12.5	Georgia.....	7.9	10.5	11.0
Rhode Island....	9.8	12.8	12.5	Florida.....	6.5	6.5	7.5
Connecticut.....	9.4	12.6	12.7	Kentucky.....	6.9	7.7	8.0
New York.....	9.3	10.3	10.5	Tennessee.....	6.5	7.5	7.7
New Jersey.....	10.2	12.3	11.3	Alabama.....	6.7	9.5	9.3
Pennsylvania....	10.4	12.2	12.5	Mississippi.....	4.7	5.8	7.5
Ohio.....	9.5	10.8	11.0	Arkansas.....	6.3	8.4	9.2
Indiana.....	8.9	9.4	11.0	Louisiana.....	5.8	8.6	9.7
Illinois.....	8.1	9.0	9.8	Oklahoma.....	7.7	10.0	10.3
Michigan.....	9.6	10.5	11.3	Texas.....	6.0	6.5	8.6
Wisconsin.....	8.0	8.6	9.2	Montana.....	4.9	5.9	6.5
Minnesota.....	8.2	10.0	10.1	Idaho.....	5.7	6.2	7.1
Iowa.....	8.0	8.3	8.9	Wyoming.....	5.1	5.6	6.0
Missouri.....	7.6	8.1	8.0	Colorado.....	6.9	8.3	9.9
North Dakota....	7.3	8.5	9.1	New Mexico.....	6.7	8.0	11.0
South Dakota....	5.7	6.8	6.8	Arizona.....	6.4	8.0	10.6
Nebraska.....	7.2	8.0	7.5	Utah.....	6.3	7.6	8.6
Kansas.....	7.8	9.1	9.8	Nevada.....	6.0	8.0	8.8
Delaware.....	9.2	10.5	12.0	Washington.....	7.7	8.1	9.7
Maryland.....	9.8	11.6	11.5	Oregon.....	5.5	6.9	6.5
Virginia.....	8.5	9.6	10.0	California.....	8.5	11.5	12.5
				United States.....	7.9	9.2	9.8

Table 4.-Average milk price received by farmers and value of concentrate ration fed to milk cows, by regions, November 1966, with comparisons

Region	Milk price per 100 pounds				Ration value per 100 pounds			
	Nov. av. 1960-64	Nov. 1965	Oct. 1966	Nov. 1966	Nov. av. 1960-64	Nov. 1965	Oct. 1966	Nov. 1966
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
N. Atl. ....	5.17	5.28	5.86	5.93	3.55	3.54	3.80	3.83
E. N. Cent. ..	4.04	4.19	5.09	5.06	2.71	2.82	3.02	2.98
W. N. Cent. ..	3.67	3.82	4.70	4.57	2.34	2.45	2.74	2.70
S. Atl. ....	5.70	5.79	6.38	6.45	3.31	3.32	3.62	3.64
S. Cent. ....	5.10	5.24	5.99	6.08	3.06	3.08	3.32	3.32
West. ....	4.60	4.65	5.19	5.20	3.16	3.16	3.30	3.31
U. S.								
MILK areas....	4.52	4.64	5.40	5.39	2.96	3.00	3.24	3.23
Cream areas...	-	-	-	-	2.44	2.53	2.80	2.77
Milk and cream areas.....	-	-	-	-	2.93	2.98	3.23	3.22

Table 5.-Milk-feed and milkfat-feed price ratios, by regions, November 1966, with comparisons

Region	Milk-feed ratio 1/				Milkfat-feed ratio 2/			
	Nov. av. 1960-64	Nov. 1965	Oct. 1966	Nov. 1966	Nov. av. 1960-64	Nov. 1965	Oct. 1966	Nov. 1966
N. Atl. ....	1.46	1.49	1.54	1.55	-	-	-	-
E. N. Cent. ..	1.49	1.49	1.69	1.70	22.0	20.7	22.1	22.1
W. N. Cent. ..	1.58	1.56	1.72	1.69	26.6	25.7	26.3	26.0
S. Atl. ....	1.72	1.74	1.76	1.77	-	-	-	-
S. Cent. ....	1.67	1.70	1.80	1.83	17.3	18.0	16.9	16.7
West. ....	1.46	1.47	1.57	1.57	18.7	18.9	20.2	19.9
U. S. ....	1.53	1.55	1.67	1.67	25.0	24.5	25.2	24.9

1/ Pounds of concentrate ration equal in value to 1 pound of whole milk sold by farmers.

2/ Pounds of concentrate ration equal in value to 1 pound of milkfat in cream sold by farmers.

Table 6.-Hay, silage, and green feed fed per milk cow in herds kept by dairy reporters, summer feeding season, 1965 and 1966 <sup>1/</sup>

State and division	Hay		Silage		Green feed <sup>2/</sup>		Hay equiv. of all roughage fed <sup>3/</sup>	
	1965	1966	1965	1966	1965	1966	1965	1966
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
Me., N. H., Vt. ....	.3	.3	.2	.6	.6	.6	.6	.7
Mass., R. I., Conn. ....	.3	.3	.8	.8	.7	.6	.8	.8
N. Y. ....	.4	.4	.6	.8	.4	.5	.7	.8
N. J. ....	.5	.5	.9	1.4	1.7	1.9	1.4	1.6
Pa. ....	.6	.7	.8	1.1	.9	.7	1.2	1.3
N. Atl. ....	.45	.49	.64	.90	.66	.65	.88	1.01
Ohio.....	.4	.3	1.0	1.0	.5	.5	.9	.8
Ind. ....	.4	.3	.7	1.1	.4	.2	.8	.7
Ill. ....	.3	.4	.9	1.1	.8	.8	.9	1.0
Mich. ....	.4	.4	.7	1.0	1.4	.8	1.1	1.0
Wis. ....	.3	.3	1.0	1.0	.9	1.1	.9	1.0
E. N. Cent. ....	.34	.32	.92	1.02	.88	.87	.94	.95
Minn. ....	.4	.4	.4	1.1	.4	.4	.7	.9
Iowa.....	.6	.3	.6	.7	.7	.4	1.0	.7
Mo. ....	.3	.3	@	@	@	@	.4	.5
N. Dak. ....	.2	.3	@	@	@	@	.5	1.0
S. Dak. ....	.2	.3	1.0	1.0	@	@	.6	.7
Nebr. ....	.6	.7	.2	.4	.6	.7	.9	1.1
Kans. ....	.2	.2	@	@	.8	.5	.5	.4
W. N. Cent. ....	.42	.36	.40	.78	.48	.43	.71	.76
Del., Md. ....	.2	.3	1.1	1.1	1.0	1.3	.9	1.1
Va. ....	.2	.3	1.1	1.2	.3	.4	.7	.8
W. Va. ....	.2	.3	.4	.5	@	@	.4	.5
N. C. ....	.3	.3	1.4	1.6	.3	.4	.9	1.0
S. C. ....	.3	.3	.4	.5	.4	.5	.6	.6
Ga. ....	.4	.2	.4	.9	.3	.5	.6	.7
Fla. ....	@	@	@	@	@	@	@	@
S. Atl. ....	.24	.28	.86	.99	.59	.56	.72	.80
Ky. ....	.2	.3	.4	.5	.4	.4	.5	.6
Tenn. ....	.2	.3	.3	.5	.1	.3	.3	.6
Ala. ....	.3	.2	.6	.8	@	@	.5	.5
Miss. ....	.2	.2	@	.4	@	.8	.2	.6
Ark. ....	.3	.4	@	.5	@	@	.4	.7
La. ....	.2	.2	@	.4	@	.7	.5	.6
Okla. ....	.8	.6	.4	.4	@	.4	1.0	.9
Tex. ....	.8	.5	.2	.2	.8	.4	1.1	.7
S. Cent. ....	.48	.38	.28	.41	.41	.40	.71	.65
Mont. ....	.9	1.1	@	@	@	@	1.2	1.3
Idaho.....	1.0	1.2	@	@	@	@	1.1	1.3
Wyo. ....	1.1	1.3	@	@	@	@	1.3	1.6
Colo. ....	1.6	1.0	.9	.8	@	@	2.1	1.4
N. Mex. ....	1.5	.9	@	@	1.3	1.8	2.0	1.6
Ariz. ....	1.4	1.1	.3	.5	@	@	2.2	1.4
Utah.....	1.0	1.1	.1	.2	.7	.6	1.3	1.4
Nev. ....	@	@	@	@	@	@	@	@
Wash. ....	.7	.5	@	@	.8	1.0	1.1	.9
Oreg. ....	.3	.4	@	.3	.6	.5	.6	.7
Calif. ....	1.6	1.5	.1	.3	1.1	.8	2.0	1.9
West. ....	1.34	1.23	.22	.30	.98	.74	1.74	1.58
U. S. ....	.51	.49	.62	.81	.71	.67	.95	.98

<sup>1/</sup> Based on tonnage fed during the June-September summer feeding season, as reported on November 1, divided by number of milk cows on farms where some kind of roughage was fed.

<sup>2/</sup> Legumes, grasses, small grains, corn, sorghum, etc. cut and fed green.

<sup>3/</sup> Using 3 tons of silage or green feed as equivalent to 1 ton of hay.

@/ Number of reports not sufficient to establish a stable average.

Table 7.-Hay: Percentage, by kinds, fed to milk cows in herds kept by dairy reporters, summer feeding season, 1965 and 1966 <sup>1/</sup>

State and division	Alfalfa or mixed alfalfa		Clover or mixed clover		Lespedeza		Coastal bermuda		Other	
	1965	1966	1965	1966	1965	1966	1965	1966	1965	1966
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
Me., N. H., Vt. ....	37	39	41	41	-	-	-	-	22	20
Mass., R. I., Conn. ..	40	50	43	31	-	-	-	-	17	19
N. Y. ....	65	63	24	24	-	-	-	-	11	13
N. J. ....	73	78	8	15	-	-	-	-	19	7
Pa. ....	64	57	23	27	-	-	-	-	13	16
N. Atl. ....	62	58	25	27	-	-	-	-	13	15
Ohio.....	86	78	13	19	-	-	-	-	1	3
Ind. ....	83	88	5	9	-	-	-	-	12	3
Ill. ....	87	90	12	8	-	-	-	-	1	2
Mich. ....	95	94	3	5	-	-	-	-	2	1
Wis. ....	90	86	6	10	-	-	-	-	4	4
E. N. Cent. ....	90	87	7	10	-	-	-	-	3	3
Minn. ....	83	85	10	9	-	-	-	-	7	6
Iowa.....	92	87	4	10	-	-	-	-	4	3
Mo. ....	84	72	2	5	8	10	-	-	6	13
N. Dak. ....	90	83	-	-	-	-	-	-	10	17
S. Dak. ....	97	92	-	-	-	-	-	-	3	8
Nebr. ....	97	93	1	-	-	-	-	-	2	7
Kans. ....	93	90	1	-	-	-	-	-	6	10
W. N. Cent. ....	87	85	7	7	-	1	-	-	6	7
Del., Md. ....	64	70	23	28	3	-	-	-	10	2
Va. ....	55	61	19	29	2	1	-	-	24	9
W. Va. ....	45	68	54	15	-	-	-	-	1	17
N. C. ....	27	30	37	26	14	8	1	-	21	36
S. C. ....	8	2	-	2	13	3	46	74	33	19
Ga. ....	10	6	5	2	4	6	65	72	16	14
Fla. ....	@	@	@	@	@	@	@	@	@	@
S. Atl. ....	35	41	21	19	5	3	18	14	21	23
Ky. ....	68	82	16	9	13	3	-	-	3	6
Tenn. ....	66	53	4	7	25	14	1	-	4	26
Ala. ....	4	25	3	1	4	5	40	15	49	54
Miss. ....	11	27	19	7	47	20	5	16	18	30
Ark. ....	29	40	16	12	24	18	-	-	31	30
La. ....	26	41	8	8	5	1	12	18	49	32
Okla. ....	86	80	-	-	3	1	3	1	8	18
Tex. ....	68	64	1	-	-	1	10	5	21	30
S. Cent. ....	62	62	3	3	5	4	10	5	20	26
Mont. ....	98	100	-	-	-	-	-	-	2	-
Idaho.....	100	100	-	-	-	-	-	-	-	-
Wyo. ....	99	100	-	-	-	-	-	-	1	-
Colo. ....	99	97	-	2	-	-	-	-	1	1
N. Mex. ....	99	100	-	-	-	-	-	-	1	-
Ariz. ....	100	100	-	-	-	-	-	-	-	-
Utah.....	99	99	-	1	-	-	-	-	1	-
Nev. ....	@	@	-	-	-	-	-	-	-	-
Wash. ....	87	82	11	15	-	-	-	-	2	3
Oreg. ....	78	71	13	19	-	-	-	-	9	10
Calif. ....	98	98	-	1	-	-	-	-	2	1
West. ....	97	97	1	2	-	-	-	-	2	1
U. S. ....	82	79	9	11	1	1	1	1	7	8

<sup>1/</sup> For June-September summer feeding period as reported November 1.

@/ Number of reports not sufficient to establish a stable average.

Table 8.—Silage: Percentage, by kind, fed to milk cows in herds kept by dairy reporters, summer feeding season, 1965 and 1966 <sup>1/</sup>

State and division	Corn silage		Grass silage		Sorghum silage		Other silage	
	1965	1966	1965	1966	1965	1966	1965	1966
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
Me., N. H., Vt. ....	45	36	34	46	-	-	21	18
Mass., R. I., Conn. ..	68	56	19	39	-	-	13	5
N. Y. ....	67	55	31	42	-	-	2	3
N. J. ....	60	68	25	20	6	2	9	10
Pa. ....	57	60	30	28	-	-	13	12
N. Atl. ....	62	57	30	35	-	-	8	8
Ohio.....	28	35	67	62	-	3	5	-
Ind. ....	33	34	55	54	2	-	10	12
Ill. ....	33	30	54	60	9	1	4	9
Mich. ....	60	62	30	31	-	-	10	7
Wis. ....	57	53	32	30	-	-	11	17
E. N. Cent. ....	50	49	40	38	1	1	9	12
Minn. ....	72	67	20	19	-	1	8	13
Iowa.....	51	55	23	20	1	-	25	25
S. Dak. ....	70	60	22	27	-	10	8	3
Nebr. ....	46	31	20	29	-	16	34	24
W. N. Cent. ....	65	56	21	26	1	4	13	14
Del., Md. ....	35	22	28	14	9	3	28	61
Va. ....	62	55	12	6	7	6	19	33
N. C. ....	74	83	2	9	5	4	19	4
S. Atl. ....	53	50	15	15	9	5	23	30
Tenn. ....	70	53	29	19	1	15	-	13
Okla. ....	28	40	21	30	41	16	10	10
S. Cent. ....	55	53	13	14	20	17	12	16
Colo. ....	94	76	-	3	6	12	-	9
Ariz. ....	41	60	-	-	59	40	-	-
West. ....	62	70	8	14	4	9	26	7
U. S. ....	55	54	31	31	2	2	12	13

<sup>1/</sup> For June-September summer feeding season, as reported on November 1. Data are shown only for those States where the reported amount fed was sufficient to provide a stable breakdown by kinds.

ROUGHAGE FED TO MILK COWS, 1966 SUMMER FEEDING SEASON

Summer feeding of roughage increases

Feeding of roughage to milk cows during the 1966 summer feeding season (June-September) increased from a year earlier. The hay equivalent of hay, silage, and green feed averaged 0.98 ton per cow compared with 0.95 ton a year earlier. Feeding of roughage was heavier in the Western and North Atlantic Regions than in the other regions. Roughage fed per cow increased from a year earlier in all regions except the South Central and West.

Summer feeding of silage was up in all regions from a year earlier and the United States average of 0.81 ton per cow compares with 0.62 ton in 1965 -- a 31 percent increase. Silage was fed more heavily in the East North Central Region than in other regions -- the 1.02 tons per cow there compares with 0.92 ton fed during the 1965 season.

Hay feeding averaged about one-half ton per cow during the 1966 summer season. This was 4 percent less than a year earlier. Hay feeding rates declined in all regions except the North Atlantic and South Atlantic. Although down 8 percent from a year earlier, the hay feeding rate in the West exceeded all other regions at 1.23 tons per cow.

During the 1966 summer feeding season, feeding of green feed was less than a year earlier -- 0.67 ton compared with 0.71 ton. Commonly called "green chop", green feed includes legumes, grasses, small grains, corn, sorghum, etc. cut and fed green. Less green feed was used in all areas of the country in 1966 than in 1965. The average feeding rate per cow was the highest in the East North Central Region.

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Alfalfa most popular kind of hay

Alfalfa and alfalfa mixtures predominated in hay fed to milk cows during the summer of 1966. For the Nation, 79 percent was classified as alfalfa or alfalfa mixtures, compared with 82 percent in 1965. Nearly all the hay fed in the West, 97 percent, was alfalfa. Alfalfa was also a favorite in the North Central States, accounting for 87 percent in the East North Central and 85 percent in the West North Central. Clover or mixed clover hay represented 11 percent of hay fed in the 1966 summer feeding season. However, clover hay amounted to 27 percent of the total in the North Atlantic Region and 19 percent in the South Atlantic. Lespedeza and coastal bermuda hay each represented 1 percent of the national total in 1966 while "other hay" accounted for 8 percent. However, lespedeza and coastal bermuda hay were important in the South Atlantic and South Central regions.

Corn silage popular dairy feed

Of the silage fed during the 1966 summer feeding season, corn silage was most popular -- with 54 percent of the total. This was down slightly from a year earlier. Corn silage accounted for 70 percent of the silage fed in the West -- the highest regional percentage, and for nearly one-half or more in each of the other regions.

Nationally, grass silage accounted for 31 percent of the silage fed -- unchanged from a year earlier. Regionally, it was an important portion of the total in the East North Central and North Atlantic.

Sorghum silage made up 2 percent of the total quantity of silage fed in 1966, but regionally was more important in the South Central, where it comprised 17 percent of the total. Other silage not classified accounted for 13 percent of the United States total.