



A cow in the herd of Ralph D. Shirk and Sons completed the highest lactation. Star produced 25,192 pounds of milk, 809 pounds butterfat with a 3.2 percent test. Second high lactation was completed by a cow owned by Marvin K. Meyer. Donna produced 22,545 pounds of milk, 785 pounds of butterfat with a 3.5 percent test.

Lactation Records Over 600 Pounds Fat
September 1973

Owner-Name	Age	Milk	Fat	Test
Jacob M. Smith & Son				
HT Laura	7-1	12,163	5.3	642
Russel Z. Bomberger				
95	6-7	13,793	5.5	753
Harold G. Bollinger				
Cynthia	8-4	13,604	4.7	634
Vicky	8-5	18,730	3.4	646
Hubert S. Miller				
TC Sharn	4-7	16,483	4.4	730
Marion	4-9	16,599	3.8	627
David Brandt				
51	6-3	21,000	3.6	748
31	3-10	16,765	3.9	658
3	3-4	18,603	3.2	604
75	3	18,496	3.7	685
M. H. & E. E. Houser				
Iva	4-7	17,849	3.6	638
Amanda	3-6	16,450	3.7	610
A. Moyer & A. Brandt				
Glenda	3-1	17,205	3.8	648
9 Tidy	4-7	20,999	3.3	701
14W	4-1	15,875	4.2	663
42	4-6	17,506	3.5	613
43	6-1	19,011	3.7	700
44	5-1	18,818	3.9	740
Warren A. Bucher				
Cornel I	7	14,430	4.9	712
Lil	5-2	11,636	5.6	655
Harvey T. Bomgardner				
Appolo	5	18,664	3.7	699
Herta	3	16,201	4.4	705
Marvin K. Meyer				
Carolyn	7-8	20,030	4.1	813
Donna	8	22,545	3.5	785
Karan	6	21,111	3.2	672
Lucille	8	16,494	3.7	606
Candy	3-3	17,414	4.1	710
Ruth	3-10	19,490	3.5	688
William R. Meyer				
42B	5-2	18,766	3.9	733
196 B	4-2	16,816	3.8	643
60 C	4-4	19,601	4.1	800
Simon S. Gingrich				
31	6-1	16,159	3.8	620
Dale E. Hostetter				
66	6-7	16,411	4.1	674
46	6-1	18,030	3.5	639
84 Spot	6-1	18,732	3.6	668
14	4-10	14,237	4.4	623
33	5-1	17,792	3.7	667
1	6-8	17,006	3.8	647
87 CA	4-2	14,795	4.2	620
60 HO	6-9	16,133	3.8	605
100 Red	5-2	17,793	3.9	697
101	5-2	16,299	3.7	600
102	6	16,010	3.8	615
106	5	14,081	4.3	608
7	2-7	15,927	3.9	620
72	4-1	16,402	3.8	616
71	4-1	16,894	3.6	604
John H. Tschudy				
Holly	11-1	17,191	3.9	669
Cyrus Y. Bomberger				
224	3	16,538	3.7	620
299	3	16,406	3.8	627
Ralph D. Shirk & Sons				
Star	5-4	25,192	3.2	809
Bonnie	3	18,450	3.3	611

Sonnen Acres				
Topas	4-9	18,136	3.3	604
Della	4-10	17,839	4.0	710
Lass	5-1	15,774	4.4	693
Alvin M. Weaver				
39	4-7	16,891	3.6	614
Mark Copenhaver				
Lucinda	6-1	17,462	3.5	612
Tami	5-4	13,913	4.4	606
Becky	4-9	21,675	3.4	740
Harold Wampler & Son				
4	5-3	14,449	4.6	664
Fort Zeller Farm				
Mamie	5-4	19,024	3.4	641
Daffie	3-5	15,757	3.8	604
Elmer Rohrer				
19	5-7	17,303	4.2	727
52	5-5	16,673	4.4	736
9	4-2	15,535	4.8	748
61	3-2	19,267	3.8	727
32	3-1	20,213	3.2	651
Edwin E. Funck				
Donna	4-4	17,219	4.0	681
May	2-3	16,895	4.2	715
Ray R. Sattazahn				
Mabel	9	19,455	3.3	646
Solo	5-8	13,839	4.4	609
Irvin Horst				
Dottie	6	16,931	3.9	654
Mark H. Bomberger & Son				
62	9-9	16,099	3.8	619
21	5-10	18,770	3.8	722
57	5-3	14,914	4.3	644
W 48	4-5	16,794	4.0	665
Bare Bros. Dairy				
28	6-2	16,825	3.6	613
38	6-4	17,628	4.4	769
14	6-10	18,470	3.6	665
61	10	18,895	3.8	717
8	4-9	19,116	3.9	739
67	4-9	15,830	4.1	645
12	4-9	16,360	3.7	612
66	4-8	21,883	3.6	797
40	3-7	18,482	3.5	640
47	3	18,154	3.8	695
35	8	19,859	3.3	652
Warren Hetrick				
Flossie	9	16,837	3.8	647
Julie	3-5	15,730	4.0	624
Jewel	3-6	14,894	4.5	676
Mark Hitz				
17	4-9	19,655	3.3	645
Clifford Groff				
26	10-3	15,349	4.1	631
34	7-9	16,084	3.9	622
22	5-2	15,574	3.9	611
Daniel B. Shirk				
Anna	8-2	18,030	3.6	648
Ada	4	16,253	3.9	631
John D. Bomgardner				
Midnight	10-11	16,187	4.0	645
Isaac E. Zimmerman				
Joan	3-2	19,350	4.0	783
Norman Kline				
Lena	7-9	17,829	3.9	697
Topsy	5-7	20,339	3.0	616
Judy	4-11	17,806	3.6	633

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Herd Summary

Name	Days		Percent			
	On Test	No. Cows	Cow Days In Milk	Milk lbs.	Percent Fat	Fat lbs.
Bare Bros. Dairy	57	75.4	90.7	52.8	3.7	1.97
Ralph D. Shirk & Sons	30	69.0	91.7	44.5	3.8	1.71
Arnold Acres	58	51.1	95.0	48.0	3.4	1.64
Ralph E. Sellers	28	34.0	90.7	42.8	3.7	1.57
Marvin K. Meyer	56	82.0	88.7	42.7	3.7	1.57
Harold G. Bollinger	26	47.0	88.1	38.0	4.1	1.54
Norman Kline	36	74.8	89.5	39.9	3.9	1.54
Raymond N. Getz	59	52.6	85.6	42.5	3.6	1.52
Kenneth I. Sellers	60	42.7	84.3	38.5	3.9	1.50
Phares Musser	28	49.6	90.9	40.5	3.7	1.50
Irvin Horst	35	51.9	83.3	40.5	3.7	1.49
Abram N. Hoover	64	70.1	83.5	37.4	3.9	1.47
Warren A. Bucher	62	34.4	95.6	31.5	4.6	1.45
Russel Z. Bomberger	61	70.3	89.2	32.4	4.4	1.44
Ernest Wagner	28	38.6	80.0	38.8	3.7	1.44
Earl Zimmerman	32	39.5	77.9	38.1	3.8	1.44
A. Moyer & A. Brandt	62	80.0	87.4	37.7	3.8	1.43
Edwin E. Funck	61	34.5	91.6	41.1	3.5	1.43
Abram T. Lefever	31	56.3	81.2	36.8	3.9	1.43
Harold Wampler & Son	35	86.8	86.1	38.6	3.7	1.42
Warren Hetrick	64	41.1	79.2	37.2	3.8	1.42
Galen Boyd	35	40.7	91.9	40.7	3.5	1.42
Isaac S. Brubacker	40	32.2	88.1	37.5	3.8	1.41
Elmer Rohrer	63	114.9	86.4	39.5	3.5	1.39

Puts and Calls Activity Restricted

Underwriting, issuing or otherwise assuming financial responsibility for "puts" and "calls" transactions in nonregulated commodities by regulated futures commission merchants will be banned effective January 2, 1974, the U. S. Department of Agriculture (USDA) announced.

However, the regulated commission merchants will still be able to serve as brokers on "puts" or "calls;" that is, they may find buyers or sellers to take the opposite side of their clients option transactions.

Alex C. Caldwell, administrator of the Commodity Exchange Authority, said the action is being taken to prevent registered futures commission merchants from becoming insolvent as a result of sudden demands for funds to pay option holders and thus being tempted to dip into regulated commodity customers' funds to meet their obligations.

At a Departmental hearing last May, a CEA spokesman testified that several option dealers, who wrote option contracts on nonregulated commodities, had gone into bankruptcy when they could not pay off on "calls" in their clients' favor. "Puts" and "calls" are options to sell or buy commodity contracts at the prevailing prices within a specified period.

When the market moves up or down the allowable daily price limit for a number of days, the option dealer can be locked in or out of the market and as a result end up with a large loss, according to Mr. Caldwell. Therefore, the Department decided to restrict registered futures commission merchants to acting only as brokers when dealing in nonregulated commodity options. The effective date of this new regulation was delayed until January 2 to give any futures commission merchant, who is currently writing nonregulated commodity option contracts, a chance to phase out of this type of operation.

"Puts" and "calls" are sometimes referred to as "privileges," "indemnities," "bids," "offers," "advance guarantees" and "decline guarantees."