

York Co. DHIA



BREED CODES:

- 1 Ayrshire
- 2 Guernsey
- 3 Holstein
- 4 Jersey
- 5 Brown Swiss
- 8 More Than One Breed
- G Grade
- B Grade and Registered

January 1990

1091 lbs. BF and 29,828 lbs. milk was produced in 305 days by Becky a 10 year old Holstein owned by H.S. & R.E. Fetrow, R.D. #4 York. Second high was Misty a 4 year old Holstein who produced 1050 lbs. BF and 24,943 lbs. milk in 305 days, owned by William Myers, Box 1653, Bordbecks, Pa. High herd was Smysers Richlawn Farms, 2691 East Berlin Rd., York, Pa. with 74 cows producing 25,374 lbs. milk and 843 lbs. BF. Second high was Rutters, 2100 N. George St., York, Pa., with 14 cows producing 19,376 lbs. milk and 812 lbs. BF.

Rolling Herd Averages

Name	Breed	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.
Smysers Richlawn					

Fms	3	73.9	86.4	25,374	843	Melvin R Lehr	B3	50.5	83.5	17,593	656
Rutters	3	13.9	86.5	19,376	812	Furnace Creek Farm	3	123.2	86.6	18,297	656
Jim & Holly						Mervin W Hertzler	2	59.3	87.8	14,142	650
McCaffree	3	57.7	84.6	21,409	797	Woodbine Farms					
Thomas A Boyer	3	45.2	86.1	20,706	780	Sue		04/11	301	18,329	706
Lynn Wolf	3	78.9	89.6	23,406	777	450		03/02	305	22,340	927
Sinking Spring						Emory & Wm Kilgore					
Fmnc	3	65.4	85.8	20,389	776	2		06/04	305	19,468	745
H S & R E Fetrow	3	87.1	88.3	22,543	771	Lisa		08/02	305	19,818	846
Ramsey S Cooper						13		05/08	305	19,064	708
Jr.	3	64.8	88.0	19,820	756	William Robert Fantom					
Beshore Farms	3	45.8	84.1	20,147	753	Candy		07/06	305	19,650	738
Four-Co Farm	3	50.9	85.7	20,914	724	Jean		06/06	305	18,820	729
Edwin L Calhoun	B3	56.6	87.8	18,971	717	Martha		06/03	305	20,659	694
B Robert Charles	3	48.0	85.7	19,792	708	Beth		05/04	305	21,055	683
William Myers	B3	53.9	87.1	19,043	708	7		03/01	305	16,284	665
Melvin + Barb Marks	3	49.7	85.3	20,115	702	Ellis Crowl					
Leroy E Walker	B3	16.6	88.0	19,311	700	196		07/03	298	18,709	813
Spring Meadow						Donald Lanius					
Farm	4	11.8	91.2	14,396	699	Sara		05/02	305	13,482	782
Leonard Greek	3	51.3	89.0	18,628	696	Sinking Spring Fmnc					
Wayne E Myers	3	53.2	84.4	18,818	688	Mirage		05/03	305	28,407	1020
Mc Ral Dairy Farm	B3	267.8	87.2	19,532	684	Jean		04/11	305	22,341	751
Rutter Bros.	2	69.4	87.6	14,508	676	Dawn		04/06	305	23,213	929
Walnut Hill Farm	B8	53.7	87.6	17,973	669	Midge		04/02	305	26,631	1004
Gary W Thoman	3	57.0	84.3	18,250	668	Jewel		02/02	305	21,641	743
Robert W Mays	B3	64.9	86.9	17,895	667	Rutter Bors					
David Gemmill	B3	97.7	85.3	18,118	666	Rudy		03/04	293	14,024	673
Woodbine Farms	3	141.2	84.3	17,916	665	Sabrina		02/11	305	15,531	745
Albert Dehoff	B3	142.5	91.1	17,821	663	Beshore Farms					
Elvin R Deiter	G3	57.1	85.7	18,093	662	Tina		02/07	305	25,350	836
Dale E Ranck	3	36.7	85.1	18,066	661	Olivia		02/04	305	19,035	848
R R & M R Stewart	3	59.4	86.4	16,782	657	Porsche		02/03	296	18,817	686
						Harold Brown					
						Ginger		05/06	305	21,936	703
						Gum Tree Farm					
						Helen		06/04	299	17,103	682

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MEETS THE CHALLENGE

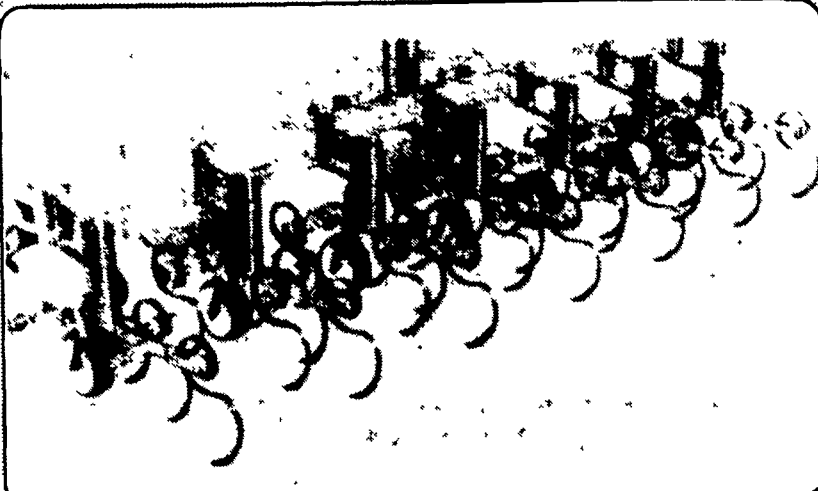


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CULTIVATION ADDS 5 BUSHELS

Cultivating corn, even when weeds were not a problem, increased yields an average of 5 bushels per acre over two years at a research station near Monmouth in western Illinois.

Cultivation was used with three different tillage systems — fall moldboard plowing, fall chisel plowing and no-till. Cultivation showed the most benefit on plots that had been chisel plowed.

- Chisel plowed plots that were cultivated yielded 202 bushels in 1985 versus a little over 197 for the plots that weren't cultivated. In 1986, chisel plowed plots yielded almost 212 bushels with cultivation versus a little over 190 on plots that weren't cultivated.
- Moldboard plowed plots that were cultivated yielded nearly 200 bushels per acre in 1985 versus 202 for the plots that weren't cultivated. In 1986, cultivated plots yielded over 209 bushels per acre, less than a bushel more than plots that weren't cultivated.
- No-till plots that were cultivated yielded 174 bushels per acre in 1985 versus 152 for the plots that weren't cultivated.

While this study shows that cultivating corn when it is not necessary to control weeds may be beneficial some years with some tillage systems, researchers aren't yet ready to make a general recommendation based on two years of data. They also report that the yield differences with the three tillage systems was unexpected.

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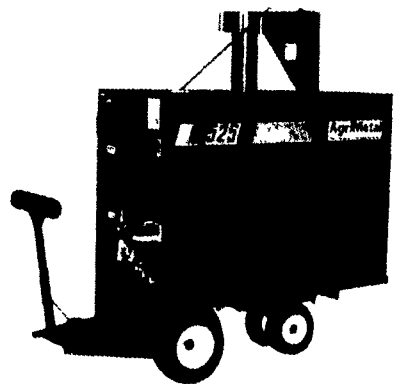
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