

13047
49

THE BREEDING AND DEVELOPMENT OF
MILKING STRAINS OF SHORTHORN CATTLE ;

A THESIS
Submitted to the Faculty
of the
Graduate School
of the
UNIVERSITY
OF MINNESOTA
by
George Jacob Baker.

In partial fulfillment of the requirements
for the degree of
MASTER OF SCIENCE IN AGRICULTURE.

June 10, 1910.

UNIVERSITY OF
MINNESOTA
LIBRARY

MOM
B 17

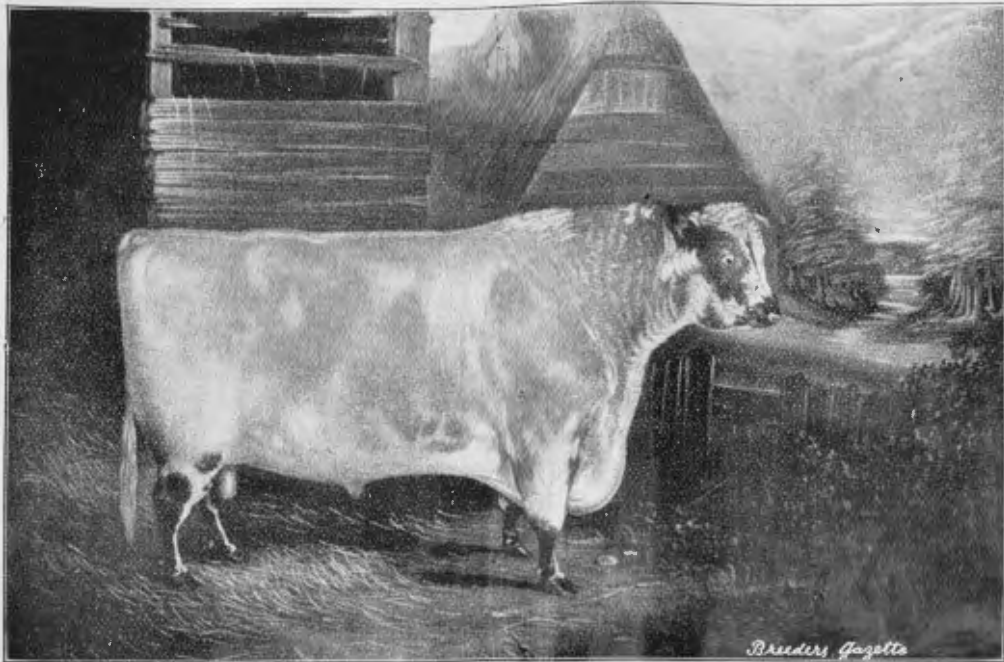
AUG 12 1910 G-70



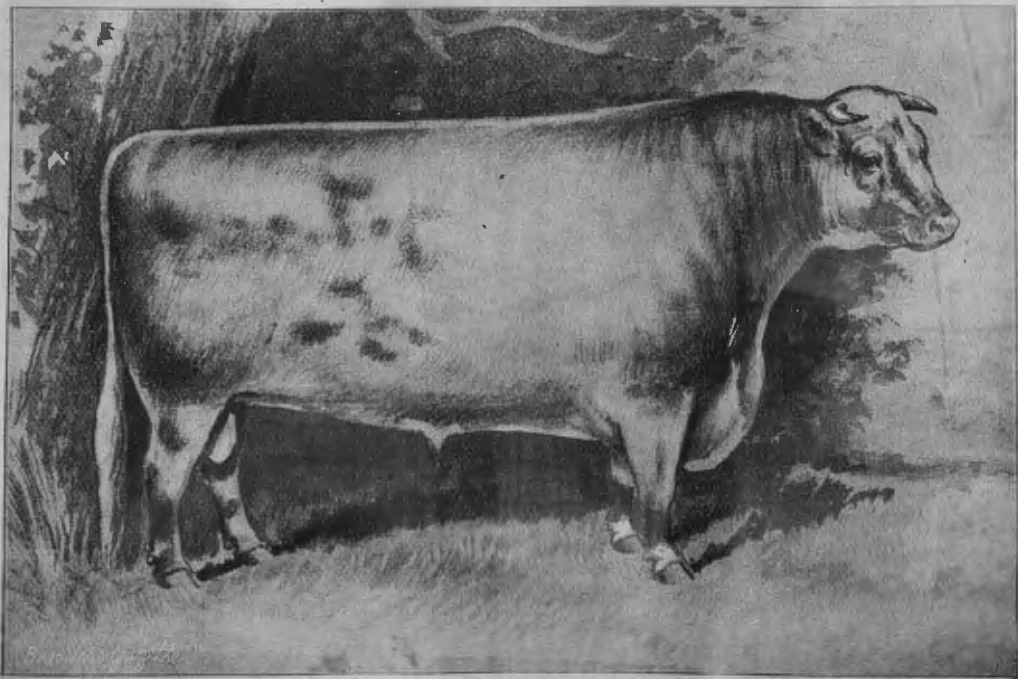
DUCHESNE, by LARSY BULL (186); bred by Chas. Colling.

UNIVERSITY OF
MINNESOTA
LIBRARY

86283



DUKE OF NORTHUMBERLAND (1940); FROM PAINTING OF 1843.
(Reproduced by permission of Mr. Cadwallader John Bates, Langley Castle, Northumberland.)



BELVEDERE (1706), OF THE PRINCESS BLOOD.



Rose of Glenside - Vol.57, page 745- Red & White.

Yearly record in pounds - 18075.2# Milk - 624.76 # Butter-
fat - 735 # Butter. Daily average for entire year - 49.5 # Milk -
2.01 # Butter. Is 9 yrs. old - has raised 7 calves.

Table of Contents.

	Page.
1. Introduction and Early History.....	1.
2. Dairy Shorthorn Association in England	10.
3. The Glenside Herd	12.
4. Miscellaneous Short time records of Pure Bred Shorthorns	17.
5. Yearly Records of Pure Bred Shorthorns	22.
6. Fifty Pure Bred Shorthorn Pedigrees Extended for Five Generations and Traced to Original Stock	40.
7. Names of the Fifty Cows	42.
8. Pedigrees	45.
9. Bibliography	95.

Preface

The aim of this investigation has been to get together as many as possible of the creditable official dairy records of Shorthorns, in this country and in England, and to trace the pedigrees of these best milking cows back through the different tribes to the original stock with a view to learning the blood lines most influential in preserving the milking function.

No attempt to outline the history of the Shorthorn breed of cattle is made but enough of the early history of the breed is given to show that originally among Shorthorn cattle there were those possessing good milking qualities, and that the best milking Shorthorns of the present time are the result of the use and development of that milking function.

Introduction & Early History.

At the outset it is necessary to show what the original Shorthorns were like; this takes us, of course, to early Shorthorn history. The breeder of any breed of cattle should know their history so that he can with intelligence interpret the pedigrees of his cattle.

For the earliest authentic history of Shorthorn cattle, after reading from the different sources, I quote, in part, from Lewis F. Allen, author of "American Cattle", Editor of the American Shorthorn Herd Book. In the first part of Vol. 1 of the American Herd Book we find under the first period of the History of Shorthorn cattle, as follows: "The origin of this noble race of cattle is obscure. Modern records first recognize them inhabiting the counties of Northumberland, Durham, York, and Lincoln on the northeast coast of England, and the country more immediately in the vicinity of the river Tees, the dividing line between Durham and York, as

the locality where the more signal efforts have been made in their cultivation and improvement." In describing them he says, "They were of extraordinary size, had coarse heads, with short stubbed horns; heavy necks; high, coarse shoulders; flat sides, the chine falling back of the shoulders; the hips wide; the rump long; the thighs thick, and cloddy. Yet with all these undesirable points which rendered them large feeders and late to mature, they took on flesh rapidly, and fattened into heavy carcasses. Their colors were light dun, or yellow red, deep red, pure white, red and white in patches, roan mixed of both red and white and no uniformity in the laying on of either one of those colors, or the admixtures, the colors prevailing, as accident might govern. The cows were large milkers, yielding quantities with generous feed, beyond any others yet known."

About 1750 we find mentioned the names of Mr. Milbank, of Barmingham, Sir William St. Quintin, of Scampston, Sir James Pennyman of Yorkshire, and other smaller breeders. "Mr. Milbank bred and fed a five year old ox which when slaughtered, the four quarters weighed 2104 pounds, the tallow 224 pounds, and the hide 151 pounds. A cow from Mr. Milbank's stock afterwards belonging to Mr. Sharter of Chilton, which when slaughtered, at twelve

years old, having produced several calves, her quarters weighed 1540 pounds. She was daughter to a celebrated Studley Bull (626), he being calved in the year 1737."

I quote this history from this source to show that the earliest Shorthorn cows were large in size and possessed good milking qualities.

From 1730 to 1780 we also find the following prominent breeders ; Sharter, Pickering, Stephenson, Wetherell, Maynard, Dobinson, Charge, Wright, Hutchins, Robson, Snowdon, Wistell, Richard and William Barker, Brown, Hall, Hill, Best, Watson, Baker, Thompson, Jackson, Smith, Jolly , Masterman, Wallace and Robertson.

"The Studley Bull (626) is the earliest named animal on record. He was red and white and calved in 1737; bred by Mr. Sharter of Chilton; he was of the Barmingham (Milbank) stock which came from Studley in Yorkshire, where they had existed for many years. He is described by one who often saw him as having possessed wonderful girth, and depth of fore quarters, very short legs, a neat frame and light offal. He was the grandsire of Dalton Duke (188). From Studley Bull came " Lakelands Bull " which was the sire of William Barker's Bull (51) which was the sire of Richard Barker's Bull(52). Studley Bull (626) was also sire of the cow Tripes, bred by Mr.

Pickering. The dam of Tripes was bred by Mr. Stephenson, of Ketton, in the year 1739. From her originated Mr. Stephenson's Princess tribe."

This original history is of great interest because in tracing the sire and dam of each of the fifty milking Shorthorn cows whose extended pedigrees are included in this thesis, out of the one hundred tracings, fifty-two were found to trace through the blood of Hubback (319) to the Studley Bull (626); thirty-nine to R. Alcock's Bull (19); two to J. Brown's White Bull (98); two to C. Colling's Lamé Bull; three to a Shorthorn cow (the sire and dam of which were not given); one to a bull Belonging to R. Collings, and one to Masterman's Bull (422).

From the above we see that the Studley Bull was the father of the Princess tribe, always known to be good milkers.

It may be well to mention at this point that many breeders of the most meaty Shorthorns find that their cattle also trace back through the blood of Hubback (319) to the Studley Bull (626). This seems to demonstrate conclusively that what many term the two widely differing classes of Shorthorns, the milk and the beef, trace back to the Studley Bull (626) and a few sires similarly bred.

Again in connection with the get of the Studley Bull (626)

Mr. Allen repeats, " From all accounts we have been able to gather the cows of that day were good milkers and capable when retiring from breeding and the dairy, of yielding heavy carcasses of beef. These qualities, were, of course, imparted to their descendants, and perpetuated as we find them at the present day."

A great many Shorthorn authorities regard Hubback as the first great breeding bull of the Shorthorn breed. His Herd Book description in Vol.1 of the English Herd Book is as follows: (319) Hubback, yellow, red and white, calved in 1777, bred by Mr. John Hunter of Hurworth, got by Snowdon's Bull (612) , dam from stock of Sir James Pennyman, and these from the stock of Sir William St. Quintin, of Scampston. The Snowdon Bull (612) was got by Wm. Robson's Bull (558) got by James Masterman's Bull (422) got by the Studley Bull (626).

No fact in the history of Shorthorn cattle is better known than the character of the Bates Shorthorns. They were large cattle, of great substance and quality, very superior beef cattle and large milkers, and we find also that Thomas Bates' foundation stock of eminence began with Daisy Bull (186) tracing through Hubback (319) to the Studley Bull (626). In 1804 Bates purchased Duchess by Daisy Bull (186) from which he secured the calf Ketton

(709) sired by Favourite (252) tracing to R. Alcock's Bull (19). A granddaughter of Duchess named Young Duchess, sired by Comet (155) tracing to R. Alcock's Bull (19) was the ancestress of the Duchess tribe of Bates cattle. The Matchem cow from which the Oxford tribe descends, the Princess cow by Favourite, (252) and a cow known as Acklam Red Rose from which descends the Cambridge Roses and American Rose of Sharons, were the most important cows in the Bates herd. Bates' best bulls were 2nd Hubback (1923) by the Earl (646), Belvedere (1706) by Waterloo (2816), Short Tail (2621) by Belvedere (1706), and Duke of Northumberland (1940) by Belvedere (1706). Belvedere (1706) tracing through Hubback (319) to the Studley Bull (626).

From this bit of Shorthorn history may be seen how carefully some of the best breeders have followed the blood lines in their breeding, or in other words, what stress they have placed upon the pedigree. This point is also supported by the fact that the pedigrees of the fifty milking Shorthorn cows before mentioned traced back to the original stock through the blood lines of those tribes of Shorthorns known to be good milkers.

It is well known that there is great danger in excessive in-and-in breeding if not done with the utmost care and right matings. We know further that the best results are obtained by right-

ly conducted line breeding and in-and-in breeding.

Again when we have an animal that does not show the characters that have been in its line of blood, it should be remembered that those characters may be latent in one individual and occur again in its progeny. Proper credit should be given to the pedigree in our animal breeding, but it should be borne in mind always that the individual is as important a factor as the pedigree. Both the individual and the pedigree should be right in order to accomplish the desired result. There always should be a definite aim as to progeny in every mating that is brought about. It should be borne in mind that in this particular problem the two characteristics, milk producing power and beef producing power, as history shows, are not entirely antagonistic, but that both may exist well developed in the same individual animal.

From the above Shorthorn history is shown a very close relation between these original sires and the cattle bred by Thomas Bates of Kirklevington, and all people who are at all familiar with Shorthorn history know that the Bates Shorthorns possessed the milking trait to such a marked degree, that the name Bates Shorthorns practically means milking Shorthorns, when fed and cared for with that end in view. So close is the relation that we are forced to

the conclusion that they were of the same "blood and bone." The Shorthorn cows belonging to Thomas Bates gave milk because he milked them, and used and developed the milking function. The production of milk is a function, which however strong it may be, if allowed to remain latent by disuse, gradually disappears. This is especially true of a heifer's first calf. Milking capacity in excess of the demands of the calf is the result of milking. "The milking trait is latent if not actively present throughout the Shorthorn breed and its presence or absence is largely a matter of how the cows and heifers are handled after calving." At this point seems to be found the solution of the problem of developing milking Shorthorns. In the first place choose those individuals for the foundation of a herd in which the milking trait is actively present, and in whose ancestors for several generations back have been these same qualities. Occasionally an individual offspring may be gotten from a beef sire and dam, which will have good milking qualities, and these qualities will be transmitted to its offspring, but this method is too uncertain, too indefinite, too slow.

Besides choosing the right kind of animals for the foundation of a herd, it is also necessary to give them the right care. The calf should be taken away from its dam when it is two or three

days old and raised by hand; the cow should be milked, carefully, steadily and persistently, and the milk weighed and tested throughout the entire period of lactation.

In England the Dairy Shorthorn Association has long encouraged the breeding of pure bred dairy Shorthorns by the giving of prizes at the fairs, and by the publishing of milk records.

A few of the states in this country are now offering premiums at the fairs for milking Shorthorns. A co-operative milking Shorthorn Association has also been organized in Minnesota with its headquarters at the Minnesota Experiment Station, and the International Live Stock Show at Chicago has given a place to the milking Shorthorns. These factors will work great good in giving the Shorthorn cow the place she deserves in the dairy.

Dairy Shorthorn Association in England.

The men in England who have done the most with milking Shorthorns and whose names occur most frequently in Dairy Shorthorn Association Herd Books are George Taylor, Lord Rothschild, C. R.W. Adeane, J.T. Hobbs, R. Silcock & Sons, Alfred Hughes, T.R.D. Wright, Marshall & McBryde, and A.C. Hall.

In the annual report of their Dairy Association, they give the name of the cow, the owner, the breeder, the date of birth, volume and page in which the cow is recorded in the Herd Book; the number of calves the cow has produced to date, the date of last calf; the yield of milk for the year, specifying for example (from Oct. 1, 1907 to Sept.30, 1908); the number of days in milk, and as to whether the milk was weighed daily or weekly.

What is needed in this country in milking Shorthorn Breeding is more long time performance records of cows, obtained only by the use of the milk scale and the Babcock test. There is also needed a careful breeding record of both dams and sires; and after

an animal has demonstrated that he gets animals possessing the characters that are wanted in offspring, that animal should be conserved.

Several have commenced the work of breeding milking Short-horns in this country though Messrs. Innes & May of Pennsylvania, now Messrs. May & Otis, have practically the only herd in the country where accurate records have been kept for a long period of time.

The Glenside Herd of Milking Shorthorns.

Enough data is here given concerning the work in the Glenside herd to show that the original animals were carefully selected, and that they are getting good dairy performance from their offspring. Many of them are excellent types of dual-purpose Shorthorns, weighing from twelve to fifteen hundred pounds and producing from eight to thirteen thousand pounds of milk per year.

In answer to the question, whether the milking Shorthorns that are of the "low down, smooth, thick fleshed" type are as apt to become large milkers, and to produce large milkers, as those of the more pronounced dairy type, the managers of the Glenside herd say " we do not think that low down or high up affects the milking capacity of a cow providing she has enough barrel. But the milking Shorthorn cow that would be called smooth and thick-fleshed as a dual-purpose Shorthorn, would not possess the smoothness or thickness of flesh that would enable a high-class beef-bred Shorthorn to win in the beef rings of the great western shows. She would have

more of the wedge shape and dairy breadth of hips and less of the true beef thigh.

As far as our experience goes, the strongly dual-purpose type may have as much capacity to become themselves, or produce in their offspring cows that are large and continuous milkers, as those that are of the more pronounced dairy type; provided:-

1st - That the cow has a real, uninterrupted milk inheritance through cows that were handled for milk, and have been actually milked back to the original Shorthorn cow, whose capacity to give a lot of milk and make a lot of beef has never been denied; and

2nd - That the cow has not been allowed to become too fat, and thereby prevented or delayed the development of her udder and milk veins."

The history of the Glenside herd truly bears out the above remark.

Joseph E. Wing says, in describing this herd, "The Glenside cows were wedge shaped; they had wide hips and projecting hip-bones; they were in thinnish flesh; their heads were feminine, but more after the dairy type than one is used to in a Shorthorn." Mr. Wing further says, "There is in all the world no animal so worthy of reintroduction as the best dairy-bred Shorthorn."

The Glenside herd was founded upon the blood of Kitty Clay 3rd, Kitty Clay 4th and Joe Johnson. These animals were descended from the importation of milking Bates Shorthorns made in 1838 by Henry Clay of Kentucky. They were all the offspring of a long line of large milking ancestors and also of animals of superior scale and substance.

The managers at Glenside farm have kept records or weights of every milking of every cow since 1900 and can give the exact length of the milking periods of the cows.

The average milking period of the whole herd, including heifers, that have had two calves, is ten months and a fraction of a day. Only two of the herd, both heifers, have an average milking period under nine months. The whole herd of mature cows now in the herd, six years old or over, have made an average yearly record of 9107.5 pounds of milk.

It is a great source of satisfaction to know from a personal conversation with Mr. L.D. May, the manager of the Glenside herd, that all of the above mentioned records were made with the ordinary practical handling of a dairy herd, milked twice a day.

Following is a few records of individuals in the Glenside herd: Joe Johnson, the sire of Henry Clay, is the grandsire or

great grandsire of nine cows in the herd with records of over 10,000 pounds of milk per year, and of twenty cows with an average record of 10,030.6 pounds of milk per year; seventeen of these cows are also descended from Kitty Clay 3rd and Kitty Clay 4th.

Kitty Clay 4th was the champion Shorthorn cow of the thirty days' test at the Columbian Exposition, Chicago, 1893, where she gave 1592.9 pounds of milk in thirty days, and stood third against all breeds for net profit.

Henry Clay has had twenty-six daughters and granddaughters in the herd with an average yearly record of 9005.7 pounds of milk and six of them having records of above 10,000 pounds.

Laura made an average of 8023 pounds of milk for seven successive years.

Jennie Lee made an average of 9242.3 pounds of milk for five successive years.

Later in this thesis is found the names and yearly records of cows producing better than 8,000 pounds of milk per year. This list is very creditable to the Glenside herd, as it contains Mamie Clay 2nd with a record of 13,231.1 pounds and Rose of Glenside with the world's record for a Shorthorn cow; her record being 18,075.2 pounds of milk, making 735 pounds of butter. Rose of

Glenside is also a good breeder; she is nine years old, has had seven calves, and is with calf again.

In the milking appendix of the Shorthorn Herd Book Vol. 73, the Glenside Herd has 44 cows ranging from 8,107 to 13,232 pounds of milk per year and averaging 9,363 pounds per year.

Miscellaneous Short Time Records
of Pure Bred Shorthorns.

There are many very creditable short time records of Shorthorn cows, such as those made at State Fairs, and at the Worlds Fairs and other miscellaneous places; but little emphasis should be placed on the short time record. The record of a milking Shorthorn cow should be a record extending over several years, and besides being a milk and butter-fat record, it should also be a breeding record. The Shorthorn cow besides producing her 10,000 pounds of 3.8% milk each year can and is in many cases, producing a calf which possesses this same milk producing character. A few such records, which are at least semi-official, are here included to further substantiate the dairy performance of the Shorthorn cow.

New York State Fair in 1889, Fillpail 3rd (Vol.34 page 933) in twenty-four hours gave $30\frac{1}{2}$ lbs. of milk, from which $1\frac{1}{2}$ lbs. of butter were made. Betsy 7th (Vol.35) in twenty-four hours gave $19\frac{1}{2}$ lbs of milk, from which 3 lbs. and $\frac{1}{2}$ oz. butter were made. Fillpail 3rd had produced her calf 97 days before and Betsy 7th 176

days before.

Indiana State Fair 1889; Wild Duchess of Oxford (Vol.32 page 467) test from Sept.9th to Sept. 16th, inclusive, 7 lbs. 12 oz. of butter were made; in twenty-four hours, she gave 32 lbs. $7\frac{1}{4}$ oz. of milk.

Missouri State Fair; 1889; Red Rosa (Vol.28 page 1007) in twenty-four hours gave 3 gals. 3 quarts of milk and ^{1 lb.} 8 oz. of butter.

Illinois State Fair in 1890; Cora B. (Vol.25 page 650) in a twenty-four hours test gave $24\frac{1}{2}$ lbs. milk; total solids, 3.017 lbs. Beatitude gave 21.5 lbs. of milk, total solids 2.716 lbs.

Michigan State Fair 1890; Moss Rose 4th (Vol.35 page 579) in a one day's test made 2 lbs. butter.

Iowa State Fair 1890; Cora B. (Vol.25 page 650) in a 12 hours test gave 25.75 lbs. milk and made 1.05 lbs. butter-fat.

New York State Fair in 1890; Kitty Clay 2nd (Vol.21 page 553) gave 42 lbs. 13 oz. milk from which 1 lb. 11 oz. of butter was made. Constance of Brookdale 28th (Vol.33 page 596) gave 42 lbs. 3 oz. of milk and 1 lb. 8 oz. of butter. Chautauqua Belle 36th gave 23 lbs. 10 oz. of milk from which 12 oz. of butter was made.

Ohio State Fair in 1891; Bracelet 11th (Vol.27 page 585) in two days gave 3.21 lbs. butter.

Western Pennsylvania Agricultural Association in 1891; Vervain (Vol.34 page 825) in the two-day test, made 4.2 lbs. butter. Dolly 2nd (Vol.34 page 618) in the two-day test, gave 3.857 lbs.

Kitty Clyde (Vol.13) 13,200 lbs. milk in eight months; 650 lbs. of milk in ten days, from which was made 33 lbs. of butter. Her dam, Fillpail, gave 60 lbs. of milk per day. Kitty Clay 2nd produced 69 lbs. of milk in one day. Cherry 11th produced 61 lbs. of milk per day.

Lucy Ann (Vol.35) gave 8,948 $\frac{1}{2}$ lbs. of milk in forty-seven weeks, from which was made 425.14 lbs. butter. In seven days she gave 280 lbs.8 oz. of milk, which produced 13.32 lbs. butter. Betsey 8th (Vol.37) made 14.72 lbs. butter in seven days.

Mr. J.L. Taylor of Shelbourne Mass. had a Shorthorn cow six years old(calved Oct.9, 1872). She gave 52 lbs. of milk a day for three or four weeks and made an ounce of butter to one pound of milk. In six months from calving she was giving forty pounds and at 9 months 32 pounds.

In 1896 the show cow Houlette, in full flow, in seven days made 19 $\frac{5}{8}$ lbs. of butter and gave 607 lbs. of milk.

Rose, the grade Shorthorn cow at the Wisconsin Station

produced 10,136 lbs. of milk in one year - 433.82 lbs butter-fat and 506.12 lbs. commercial butter.

College Belle 2nd ; Iowa Experiment Station, produced 7,554 lbs. Milk in 10 months, test 4.3, making 355 lbs. butter.

College Moore, Iowa Experiment Station gave 8734.5 lbs. milk in a year; test 4.02; making 409 lbs. butter.

Concerning the dairy test at the Columbia Exposition at Chicago 1893, it may be said that the Shorthorn cows did creditable work. On flavor the Shorthorn cheese scored the highest. As to profit in the 15 day cheese test the Shorthorn cow Nora was 5th with a net profit of \$6.27.

At the 60 day test at the St. Louis Fair, Paleface belonging to J.K. Innes, N.Y. made 86.18 lbs . butter-fat. Rowena 2nd belonging to J.H. Hughes, Mo. made 85.99 lbs. butter-fat. Mary belonging to Flora V. Spencer, of Pa. made 84.97 pounds butter-fat. Daisy Dean belonging to John F Hagaman, of Michigan made 82.43 lbs. butter-fat, and Fillpail 2nd of Spencer Place made 80.55 lbs. butter-fat. A half dozen more Shorthorn cows made over 75 lbs. butter-fat in the 60 days, or more than $1\frac{1}{4}$ lbs. butter-fat per day.

16th Belle of Trowbridge (Vol. 43 page 637) gave birth to a calf Feb. 26, 1904 and was again bred April 22nd, 1904. August

22nd to Sept.4th (14 days) she gave 669.2 lbs. milk showing over
28 lbs. butter and $58\frac{1}{2}$ lbs. other solids, and made a gain in live
weight of $1\frac{1}{4}$ lbs. per day.

Yearly Records of Pure Bred Shorthorns.

(Several of these records were made
in less than one year.)

-
- Rosabella - Vol.51 page 1043 - Calved - Oct. 15, 1904 - Bred by T.
R. D. Wright , England, - Owned by T.R.D. Wright, England.
Yearly Record - 8,000 $\frac{7}{8}$ Milk.
- Fair Lass - Vol.50 page 846 - Calved - May 15, 1900 - Bred by G. Ger-
rard, England - Owned by Lord Rothschild, England.
Yearly Record- 8,004 $\frac{7}{8}$ Milk.
- Sweet Briar - Vol.53 page 1166 - Calved-Oct. 20, 1899 - Bred by W.
G. Atkinson- England - Owned by Lord Rothschild, England.
Yearly Record 8,028 $\frac{7}{8}$ Milk.
- Rosebud - Vol.46 page 436 - Red & Little White - Calved - Oct.15,
1897 - Bred by Innes & May, Granville Center, Pa. - Owned by
Innes & May, Granville Center, Pa.
Yearly Record - 8, 107.9 $\frac{7}{8}$ Milk
- Conishead Barrington - Vol.53 page 877 - Calved - Nov.28, 1903 -
Bred by R.W. Ashburner - Owned by Lord Rothschild, England.

Yearly Record - 8,144 # Milk.

Kitty Sweet - Vol.43 page 761 - Red & White - Calved - July 10, 1897-
Bred by Innes & May, Granville Center, Pa - Owned by Innes &
May, Granville Center, Pa.

Yearly Record - 8,286.4 # Milk.

Iona Lee 2nd - Vol.67 page 564 - Red & White - Calved - Oct.27, 1910
Bred by J.K. Innes, Binghampton, N.Y. - Owned by Geo. Ash-
bridge, Whitford, Pa.

Yearly Record - 8,316.2 # Milk.

Kitty Clover - Vol.40 page 637 - Red & White - Calved - July 8, 1894
Bred by Innes & May, Granville Center, Pa. - Owned by Innes
& May, Granville Center, Pa.

Yearly Record - 8,332.5 # Milk.

Dorothy - Vol.46 page 436 - Roan - Calved - Oct. 1, 1898 - Bred by
Innes & May, Granville Center, Pa. - Owned by Innes & May,
Granville Center, Pa.

Yearly Record - 8,336.7 # Milk.

Red Rose - Vol.51 page 910 - Calved - April 10, 1896 - Bred by Mrs.
Pratt, England, - Owned by Lord Rothschild, England.

Yearly Record - 8,379 # Milk.

Mamie C. - Vol.48 page 651 - Roan - Calved - Aug.10, 1899 - Bred by

James Timpane, Waterville, Minn. - Owned by The Minnesota Experiment Station.

Yearly Record - 8,399.8 # Milk.

320.48 # Butter-fat.

Ruth - Vol.46 page 437 - Roan - Calved - Dec. 17, 1897 - Bred by Innes & May, Granville Center, Pa. - Owned by Innes & May, Granville Center, Pa.

Yearly Record - 8,434.3 # Milk.

Lygia - Vol.48 page 336 - Red & Little White - Calved - Feb.20, 1897 - Bred by F.N. Hubbard - Owned by Innes & May, Granville Center, Pa.

Yearly Record - 8,481.3 # Milk.

Lucy - (Vol.53 page 501) - Roan - Calved - June 16, 1892 - Bred by Lord Lilford, England - Owned by Lord Lilford, England.

Yearly Record - 8,507 # Milk

Furbelow Countess 2nd - Vol.53 page 1164 - Calved - Sept.14, 1896 - Bred by Geo. Taylor, England - Owned by Lord Rothschild, England.

Yearly Record - 8,542 # Milk

Roan Duchess - Vol.61 page 842 - Roan - Calved - Feb.15, 1902 - Bred by Innes & May, Granville Center, Pa - Owned by Innes & May,

Granville Center, Pa.

Yearly Record - 8, 552.7 # Milk.

Princess Raglan - (Vol.52 page 450) - Red & White - Calved - Feb.4,
1895 - Bred by Mr. A. Dobson, Williamsgill, England - Owned
by C.R.W. Adeane, Babraham Hall, Cambridge, England.

Yearly Record - 8, 566 # Milk

Nancy Lee - Vol.38 page 482 - Red & Little White - Calved - Aug.2,
1891 - Bred by Innes & May, Granville Center, Pa. - Owned by
Innes & May, Granville Center, Pa.

Yearly Record - 8, 575 # Milk.

Kinsella 3rd - Vol.55 page 678 - Roan - Calved - Jan.8, 1900 - Bred
by Frederick Bohlayer, Troy, Pa. - Owned by J.K. Innes, Gran-
ville Center, Pa.

Yearly Record - 8, 579 # Milk

Faithful Alice 7th - Vol.51 page 749 - Calved - July 16, 1901 -
Bred by Albert Mansell, England - Owned by Lord Rothschild -
England.

Yearly Record - 8,611 # Milk.

Fairy Queen 5th - Vol.49 page 768 - Calved - Nov. 15, 1899 - Bred
by Mrs. Nicholson, England - Owned by Lord Rothschild, England.

Yearly Record - 8,614 # Milk.

Luvia Buttercup - No. 41131 - Vol.73 - Roan - Calved - March 24,
1903 - Bred by J.K. Innes, Binghamton , N.Y. - Owned by In-
nes & May, Granville Center, Pa.

Yearly Record - 8,614 # Milk

New Year's Clay - Vol.48 page 342 - Red with Star - Calved - Dec.31,
1898 - Bred by Innes & May, Granville Center, Pa .- Owned by Innes
& May, Granville Center, Pa.

Yearly Record - 8,689.6 # Milk.

Barrington Duchess 23rd - Vol.53 page 1252 - Calved - Aug.20, 1898-
Bred by Geo.Taylor, England - Owned by Geo. Taylor , England.

Yearly Record - 8,632 # Milk.

Lucy B - Vol.63 page 582 - Red - Calved - April 3, 1903 - Bred by
D.D. Brace - Owned by Innes & May, Granville Center, Pa.

Yearly Record - 8,731.6 # Milk.

Imp. Conishead Foggathorpe - Vol.48 page 341 - Roan - Calved - Oct.
18, 1898 - Bred by R.W. Ashburner, Conishead Grange, England.
Owned by Innes & May, Granville Center, Pa.

Yearly Record- 8,777.2 # Milk.

Lady Lee - Vol.48 page 342 - Red & White - Calved - Jan.25, 1899-
Bred by Innes & May, Granville Center, Pa. - Owned by Innes
& May, Granville center, Pa.

Yearly Record - 8,793.2 # Milk.

Kinsella 2nd - Vol.46 page 436 - Red & Little White - Calved - Mar.
21, 1891 - Bred by Frederick Bohlayer, Troy, Pa.- Owned by
Innes & May, Granville Center, Pa.

Yearly Record - 8,836 # Milk.

Lady Fillpail - Vol.55 page 679 - Red & White - Calved - March 30,
1900 - Bred by Innes & May, Granville Center, Pa.- owned by
Innes & May, Granville Center, Pa.

Yearly Record - 8,843 # Milk

Kitty Clay 16th - Vol.55 page 679 - Red & White - Calved - April
10, 1900 - Bred by Innes & May, Granville Center, Pa. -
Owned by Innes & May, Granville Center, Pa.

Yearly Record - 8,876.8 # Milk.

Lady Clare 4th - Vol.48 page 342 - Red & White - Calved - Sept.15,
1898- Bred by J.K. Innes, Granville Center, Pa.- Owned by
Innes & May, Granville Center, Pa.

Yearly Record - 8,882.3 # Milk

Kitty Clay 5th - Vol.37 page 872 - Red & Little White - Calved -
March 17, 1887 - Bred by Joseph Garfield, Jamestown, N.Y.-
Owned by Innes & May, Granville Center, Pa.

Yearly Record - 8,895.8 # Milk

Magnolia Clay - Vol.57 page 745 - Red & White - Calved - Nov.24,
1900 - Bred by J.K. Innes, Granville Center, Pa. - Owned by
Innes & May, Granville Center, Pa.

Yearly Record - 9,001.2 $\frac{1}{2}$ Milk.

May Duchess - Vol.54 page 821 - Calved May 2, 1901 - Bred by H.J.
Bennett, England - Owned by Lord Rothschild, England.

Yearly Record - 9,005 $\frac{1}{2}$ Milk.

Lady Clare 5th - Vol.48 page 342 - Red & White - Calved - Nov.1 ,
1899 - Bred by J.K. Innes - Granville Center, Pa.- Owned by
J.K. Innes, Granville center, Pa.

Yearly Record - 9,072 $\frac{1}{2}$ Milk.

Eleanor Lee - Vol.40 page 637 - Red & White - Calved - June 15, 1894-
Bred by Innes & May, Granville Center, Pa. - Owned by Innes
& May, Granville Center, Pa.

Yearly Record - 9,082.6 $\frac{1}{2}$ Milk.

Broadhooks 3rd - Vol.53 page 1162 - Calved - Feb. 26, 1898 - Bred
by A. N. Mullins, England, - Owned by Lord Rothschild, Eng-
land.

Yearly Record - 9,096 $\frac{1}{2}$ Milk.

Warwickshire Hettie - Vol.53 page 1167 - Calved - July, 15, 1899 -
Bred by J. Cave, England - Owned by Lord Rothschild, England.

Yearly Record - 9,154 # Milk.

Henrietta Clay - Vol.40 page 637 - Red with Star - Calved - July 8,
1895 - Bred by Innes & May, Granville Center, Pa. - Owned
by Innes & May, Granville Center, Pa.

Yearly Record - 9,167.1 # Milk.

Belle of Glenside - Vol.43 page 761 - Red & White - Calved - Sept.
10, 1897 - Bred by Innes & May, Granville Center, Pa. -
Owned by Innes & May, Granville center, Pa.

Yearly Record - 9,186.3 # Milk.

Wild Eyebright 11th - Vol.55 - Calved - Dec.20, 1904 - Bred by
Geo. Taylor, Cranford, England - Owned by Geo. Taylor, Eng.

Yearly Record - 9,260 # Milk.

Blossom 25th - Vol.53 page 1162 - Calved - Oct.15, 1900 - Bred by
F. Garth , England - Owned by Lord Rothschild - England.

Yearly Record - 9,300 # Milk.

Luvia Clay 2nd - Vol.43 page 761 - Red & White - Calved - June 25,
1897 - Bred by Innes & May, Granville Center, Pa. - Owned by
Innes & May, Granville Center, Pa.

Yearly Record - 9,350.5 # Milk.

Belle 2nd - Vol.31 page 798 - Red with Star - Calved - April 13,
1885 - Bred by N.U. Miller, Freesburg, N.Y. - Owned by Innes

& May, Granville Center, Pa.

Yearly Record - 9,391.8 # Milk.

Red Butterfly 2nd - (Vol.49 page 704)- Red - Calved - Dec. 28, 1899-

Bred by G. Marshall, Broomhaugh, England - Owned by Marshall
& McBryde, England.

Yearly Record - 9,399 # Milk.

Poppy - (Vol.51 page 656) - Red - Calved - March 12, 1902 - Bred

by R.W. Hobbs, England - Owned by Lord Rothschild, England.

Yearly Record - 9,485 # Milk.

Village Queen - Vol.64 page 745 - Roan - Calved - Dec. 17, 1902 -

Bred by Innes & May, Granville Center, Pa. - Owned by Innes
& May, Granville Center, Pa.

Yearly Record - 9,514.3 # Milk.

Kitty Clover 3rd - Vol.46 page 436. - Red & White - Calved - July

22, 1898 - Bred by J.K. Innes - Granville Center, Pa. -

Owned by Innes & May, Granville Center, Pa.

Yearly Record - 9,526.8 # Milk.

Tulip Leaf - Vol.53 page 1167 - Calved - Feb. 10, 1896 - Bred by G.

Gerrard, England - Owned by Lord Rothschild, England.

Yearly Record - 9,577 # Milk.

Mayflower - Vol. 38 page 482 - Red & White - Calved - May 2, 1892 -

& May, Granville Center, Pa.

Yearly Record - 9,391.8 $\frac{1}{2}$ Milk.

Red Butterfly 2nd - (Vol.49 page 704)- Red - Calved - Dec. 28, 1899-
Bred by C. Marshall, Broomhaugh, England - Owned by Marshall
& McBryde, England.

Yearly Record - 9,399 $\frac{1}{2}$ Milk.

Poppy - (Vol.51 page 656) - Red - Calved - March 12, 1902 - Bred
by R.W. Hobbs, England - Owned by Lord Rothschild, England.

Yearly Record - 9,485 $\frac{1}{2}$ Milk.

Village Queen - Vol.64 page 745 - Roan - Calved - Dec. 17, 1902 -
Bred by Innes & May, Granville Center, Pa. - Owned by Innes
& May, Granville Center, Pa.

Yearly Record - 9,514.3 $\frac{1}{2}$ Milk.

Kitty Clover 3rd - Vol.46 page 436 - Red & White - Calved - July
22, 1898 - Bred by J.K. Innes - Granville Center, Pa. -
Owned by Innes & May, Granville Center, Pa.

Yearly Record - 9,526.8 $\frac{1}{2}$ Milk.

Tulip Leaf - Vol.53 page 1167 - Calved - Feb. 10, 1896 - Bred by G.
Gerrard, England - Owned by Lord Rothschild, England.

Yearly Record - 9,577 $\frac{1}{2}$ Milk.

Mayflower - Vol. 38 page 482 - Red & White - Calved - May 2, 1892 -

Bred by J.K. Innes , Granville Center, Pa. - Owned by J.K. Innes , Granville Center, Pa.

Yearly Record - 9,648.3 # Milk.

Lady Fairfield 26th - Vol.40 page 810 - Dark Roan - Calved - March 4, 1894 - Bred by - E.H. & R.E. Palmer, Barlow, Ohio- Owned by Innes & May, Granville Center, Pa.

Yearly Record - 9,764.9 # Milk.

Puckrup Kirklevington 2nd - (Vol.52 page 1075) (Vol.49 page 703)- Red & Little White - Calved - June 13, 1899 - Bred by C.L. Foster Harter, Puckrup Hall, England - Owned by Lord Rothschild, England.

Yearly Record - 9,798 # Milk.

Babraham Darling Lady - (Vol.54 page 453) (Vol.53 page 499)- Red - Calved - Feb.24 , 1902 - Bred by C.R.W. Adeane, Bahraham Hall Cambridge, England.- Owned by C.R.W. Adeane, Cambridge, Eng.

Yearly Record - 9,863.5 # Milk.

Wild Cranford 4th - (Vol/49 page 907) (As produce) - Red & White- Calved - July 22, 1902 - Bred by Geo. Taylor, Cranford, Middlesex, England - Owned by Geo. Taylor, Cranford, Middlesex, England.

Yearly Record - 9,874 # Milk.

Priceless Princess - (Vol.52 page 449) - Red & White - Calved -
 Feb. 10, 1902 - Bred by C. R.W. Adeane, Cambridge, England -
 Owned by C.R.W. Adeane, Cambridge, England.

Yearly Record - 9,886.5 # Milk.

Royal Morwenna - (Vol.55) - Calved - Oct. 18, 1903 - Bred by T.
 Stokes, England - Owned by R. Silcock & Sons, England.

Yearly Record - 9925 # Milk.

Laura - Vol.39 page 508- Roan - Calved - May 15, 1893 - Bred by
 Innes & May, Granville Center, Pa - Owned by Innes & May,
 Granville Center, Pa.

Yearly Record - 10,011.9 # Milk.

Margaretta Clay - Vol.40 page 637 - Red & White - Calved - July 20,
 1895 - Bred by Innes & May, Granville Center, Pa. - Owned by
 Innes & May, Granville Center, Pa.

Yearly Record - 10,043.2 # Milk.

Wild Queen 10th - (Vol.48 page 801) - Red - Calved - Feb.14, 1897-
 Bred by Geo. Taylor, Cranford, Middlesex, England-Owned by
 Geo. Taylor, Cranford, Middlesex, England.

Yearly Record - 10,044 # Milk.

Barrington Duchess 31st - (Vol.53 page 1252) (Vol.52 page 1047)-
 Red - Calved - Feb.8, 1902 - Bred by Geo. Taylor, Cranford,

Middlesex, England - Owned by Lord Rothschild, England.

Yearly Record - 10,047 # Milk.

Pansy of Stanton 35th - Vol.46 page 407 - Red with Star - Calved -
June 9, 1894 - Bred by H.E. Hinds, Stanton, Mich. - Owned by
Michigan Agricultural College.

Yearly Record - 10,058 # Milk.

391.35 # Butter-fat

456.5 # Butter.

Lady Clare 3rd - Vol.46 page 436 - Red & White - Calved - March 14,
1895 - Bred by Innes & May, Granville Center, Pa. - Owned by
Innes & May, Granville Center, Pa.

Yearly Record - 10,103.3 # Milk.

Fairy Duchess 19th - (Vol.46 page 725) (As Produce) - Red & Little
White - Calved - Jan.10, 1899 - Bred by Mr. Preece, England -
Owned by Lord Rothschild England.

Yearly Record - 10,143 # Milk.

Peeress 16th - (Vol.49 page 849) - Red & Little White - Calved - Dec.
1, 1899 - Bred by J. & D.D. Lozonby, England, - Owned by Sil-
cock & Sons - England.

Yearly Record - 10,189 # Milk.

Oxford Ada - (Vol.49 page 905) - Roan - Calved - Sept.12,1900 -

Bred by Geo. Taylor, Granford, Middlesex, England - Owned by
C.R.W. Adeane, Babraham Hall, Cambridge, England.

Yearly Record - 10,200 # Milk.

Oxford Belle - Vol.54 page 1177 - Calved - Aug. 17, 1904 - Bred by
Geo. Taylor, -Owned by Geo. Taylor, England.

Yearly Record - 10,270 # Milk.

Eleanor Lee 2nd - Vol.41 page 551 - Red & Little White - Calved -
Aug. 21, 1896 - Bred by J.K. Innes, Binghampton, N.Y.-
Owned by Innes & May, Granville Center, Pa.

Yearly Record - 10,285.4 # Milk.

Henrietta Clay 2nd - Vol.66 page 782 - Red - Calved - Feb. 27,1903-
Bred by J.K. Innes, Binghampton, N.Y. - Owned by J.K. Innes,
Binghampton, N.Y.

Yearly Record - 10,286.7 # Milk.

Lizzie Clay - Vol. 43 page 1079 - Red & Little White - Calved - Sept.
14, 1895 - Bred by Presley H. Smith, Barlow ,Ohio - Owned by
Innes & May, Granville Center, Pa.

Yearly Record - 10,322.4 # Milk.

Waterloo Belle - (Vol.53 page 1255) - June 12, 1904 - Bred by Geo.
Taylor, England - Owned by Geo. Taylor, England.

Yearly Record - 10,345 # Milk.

Florence Airdrie 6th - Vol.49 page 725 - Red - Calved - June 20,
1898 - Bred by Samuel W. Roberts, Pleasant Green ,Mo.-
Owned by Nebraska Experiment Station.

Yearly Record - 10,438 $\frac{1}{2}$ Milk.

494.9 $\frac{1}{2}$ Butter

440.92 $\frac{1}{2}$ Butter - 4 yr .Av.

Jennie Lee - Vol.41 page 551 - Red & Little White - Calved - May 4,
1896 - Bred by Innes & May, Granville Center, Pa. - Owned
by Innes & May, Granville Center, Pa.

Yearly Record - 10,484.9 $\frac{1}{2}$ Milk.

9,014 $\frac{1}{2}$ Milk Av. yearly record

for 6 years.

Imported Conishead Waterloo 11th - (Vol.48 page 341) - Roan - Calved
July 20, 1899 - Bred by R.W. Ashburner, Conishead Grange,
England. Imported in 1900 by J.K. Innes - Owned by Innes &
May, Granville Center, Pa.

Yearly Record - 10,557.9 $\frac{1}{2}$ Milk.

Paleface - Vol.46 page 818 - Red & White - Calved - April 15, 1899-
Bred by Joseph Strange, Sullivan , Pa. - Owned by Innes &
May, Granville Center, Pa.

Yearly Record - 10,619 $\frac{1}{2}$ Milk .

Produced at St. Louis test 1904 - 4766.9 # Milk in 120 days.

Lady Clara 13th - Vol.43 page 1079 - Red & Little White - Calved -
May 10, 1895 - Bred by William Thompson, Barlow, Ohio -
Owned by Innes & May, Granville Center, Pa.

Yearly Record - 10,811.1 # Milk.

Was 10 years old when in St. Louis test, 1904
and gave 4948.7 # Milk in 120 days.

Waterloo Cranford 9th - (Vol.49 page 906) (As Produce) - Roan -
Calved - Dec. 3, 1902 - Bred by Geo. Taylor, Cranford, Eng-
land - Owned by Geo. Taylor, England.

Yearly Record - 10,861 # Milk.

Dorothy - (Vol.48 page 798) (As Produce) - Red - Calved - April, 25,
1901 - Bred by Geo. Taylor, Cranford, England - Owned by Geo.
Taylor, England.

Yearly Record - 10,919 # Milk.

Darlington Cranford 15th - (Vol.50 page 952) (As Produce) - White-
Calved - Nov. 19, 1903 - Bred by Geo. Taylor, Cranford, Eng-
land - Owned by Geo. Taylor, England.

Yearly Record - 10,942 # Milk.

Moppy Gem 2nd - (Vol.47 page 746) - Roan - Calved - Oct. 14, 1890-
Bred by W.& J.T. Taylor, Cranford, England - Owned by W.&

J.T. Taylor, Cranford, England.

Yearly Record - 10,973 # Milk.

Barrington Duchess 21st - (Vol.45 page 738) - Roan- Calved - Sept.
20, 1893 - Bred by Geo. Taylor, England - Owned by Geo. Tay-
lor, England.

Yearly Record - 11,240 # Milk.

Oxford Alma - (Vol.55) - Calved - July 10, 1902 - Bred by Geo. Tay-
lor, England - Owned by Geo. Taylor, England.

Yearly Record - 11,268 # Milk.

Red Bird - Vol.43 page 762 - Red-Calved - Sept. 13, 1897 - Bred by
Innes & May, Granville center, Pa. - Owned by Innes & May,
Granville Center, Pa.

Yearly Record - 11, 279.3 # Milk.

Dewlap - (Vol.52 page 1142) (Vol.51 page 971) - Red & Little White-
Calved - Feb.9, 1900 - Bred by Geo. Taylor, Cranford, Eng-
land - Owned by Geo. Taylor, England.

Yearly Record - 11,400 # Milk.

Darling 2nd - (Vol.51 page 971) (Vol.49 page 904) - Red - Calved -
April, 4, 1898 - Bred by Geo. Taylor, England - Owned by Geo.
Taylor, England.

Yearly Record - 11,437 # Milk.

Royal Heiress - (Vol.52 page 1075) (Vol.49 page 567) - Roan - Calved -
 Sept. 1st, 1896 - Bred by T. Lattimer, Vickergate, England -
 Owned by Lord Rothschild, England.

Yearly Record - 11,641 # Milk.

Red Rose 3rd - (Vol.53 page 1166) - Red - Calved - Oct.20, 1900 -
 Bred by W. Bateman, Beaumont Grange, England - Owned by Lord
 Rothschild, England.

Yearly Record - 11,744 # Milk.

Lady Peggy Farewell - (Vol.51 page 983) - Roan - Calved - June 25,
 1889 - Bred by Mrs. E. Ross, Sloehill, England - Owned by
 C.R.W. Adeane, England.

Yearly Record - 11,764 # Milk.

Lulu - Vol.62 page 824 - Red & White - Calved - March 20, 1902 -
 Bred by B.W. Lewis, Ashville, N.Y. - Owned by Missouri Experi-
 ment Station.

Yearly Record - 12,341 # Milk.

605.6 # Butter.

Darlington Cranford 5th - (Vol.47 -48-50-51 pages 744-798-882-and
 908) - Red - Calved - Oct. 26, 1897 - Bred by Geo. Taylor,
 England - Owned by Lord Rothschild, England.

Yearly Record - 12,567 # Milk.

Mamie Clay 2nd - Vol.48 page 342 - Red & White - Calved - Dec.15,
 1899 - Bred by J.K. Innes, Granville Center, Pa. - Owned by
 Innes & May, Granville Center, Pa.

Yearly Record - 13,231.1 # Milk.

Panama Lady - Vol.62 page 824 - Red - Calved - Jan.25, 1903 - Bred
 by B.W. Lewis, Panama, N.Y. - Owned by Mr. Eckles - Mis-
 souri Experiment Station.

Yearly Record - 13,789 # Milk.

3.55 Average test.

489.8 Total Fat..

Rose of Glenside - Vol.57 page 745 - Red & White - Calved - Dec19,
 1900 - Bred by Innes & May, Granville Center, Pa. - Owned by
 Innes & May, Granville Center, Pa.

Yearly Record - 18,075.2 # Milk.

624.76 # Butter-fat

735 # Butter.

Daily Average for Entire Year.

49.5 Milk.

2.01 # Butter.

Fifty Pure Bred Shorthorn Pedigrees extended for five
Generations and Traced to Original Stock .

For a group of pedigrees to trace back to the original stock, all pedigrees of pure-bred Shorthorn cows, (no cow with a yearly record of less than 9,000 pounds of milk) were taken. In fact this includes about all of the cows in England and the United States that have official yearly records of over 9,000 pounds. There was found, however, a few records of better than 10,000 pounds that are not used in this list, on account of not having a few volumes of the latest English Herd Books, thus not being able to get all of the data included on the others. These few creditable records, however, are used in the list just preceding.

Besides these 50 pedigrees about 70 others were traced and written out for the five generations back. These others are pedigrees of cows, some of which have official yearly records, though of course, less than 9,000 pounds and the others are mainly cows being used in the milking Shorthorn Association in Minnesota. The results, however, at the end of five generations agree with these

fifty pedigrees.

As previously stated, the sire and dam of each of the fifty cows were traced and it was found that they could be traced back to a very few original sires. It was also found that the names of the Duchesses, Oxfords, Waterloos, Cambridge Roses, Wild Eyes, Foggathorpes and Red Roses, occurred more frequently than the names of any other tribes, both in the fifth generation and in the tribes through which these 50 cows were traced from the fifth generation back to the original stock. This would be expected because Thomas Bates developed these tribes, and he more than any other of the distinguished breeders laid emphasis on milk production.

The names of these fifty cows in the order of production from lowest to highest is here given, followed by their extended pedigrees, giving also their full Herd Book descriptions, records, and the animals to which they trace.

Following the pedigrees is the bibliography, first of general references and then a list of references in the Breeders Gazette.

Names of the Fifty Cows Whose
Pedigrees Follow.

		Page.
1.	Magnolia Clay	45
2.	Lady Clare 5th	46.
3.	Eleanor Lee	47.
4.	Henrietta Clay	48.
5.	Belle of Glenside	49.
6.	Luvia Clay 2nd	50.
7,	Belle 2nd	51.
8.	Red Butterfly 2nd	52.
9.	Poppy	53.
10 .	Village Queen	54.
11.	Kitty Clover 3rd	55.
12.	Mayflower	56.
13.	Lady Fairfield 26th	57.
14.	Puckrup Kirklevington 2nd	58.

		Page.
15.	Babraham Darling Lady	59.
16.	Wild Cranford 4th	60.
17.	Priceless Princess	61.
18.	Laura	62.
19.	Margaretta Clay	63.
20.	Wild Queen 10th	64.
21.	Barrington Duchess 31st	65.
22.	Pansy of Stanton 35th	66.
23.	Lady Clare 3rd	67.
24.	Fairy Duchess 19th	68.
25.	Peeress 16th	69.
26.	Oxford Ada	70.
27.	Eleanor Lee 2nd	71.
28.	Henrietta Clay 2nd	72.
29.	Lizzie Clay	73.
30.	Florence Airdrie 6th	74.
31.	Jennie Lee	75.
32.	Imported Conishead Waterloo 11th	76.
33.	Paleface	77.
34.	Lady Clara 13th	78.
35.	Waterloo Cranford 9th	79.

		Page.
36.	Dorothy	80.
37.	Darlington Cranford 15th	81.
38.	Moppy Gem 2nd	82.
39.	Barrington Duchess 21st	83.
40.	Red Bird	84.
41.	Dewlap	85.
42.	Darling 2nd	86.
43.	Royal Heiress	87.
44.	Red Rose 3rd	88.
45.	Lady Peggy Farewell	89.
46.	Lulu	90.
47.	Darlington Cranford 5th	91.
48.	Mamie Clay 2nd	92.
49.	Panama Lady	93.
50.	Rose of Glenside	94.

FIFTY PURE BRED SHORTHORN PEDIGREES

EXTENDED FOR FIVE GENERATIONS & TRACED TO ORIGINAL STOCK.

Red & White
Calved - Nov. 24, 1900.

Bred by
J.K. Innes,
Granville Center, Pa.

Cecil Palmer
No. 13376
Traces to
Don John 426 to
R. Alcock's Bull (19)

Magnolia Clay
No. Vol.57 page 745

Owned by
Innes & May,
Granville Center,
Pa.

Yearly Record in Lbs.
Milk 9,001.8

Henrietta Clay
No. Vol.40 page 637
Traces to
Don John 426 to
R Alcock's Bull (19)

Columbia Clay
No. 105174

Luvia Clay
No. Vol.39 page 508.

Henry Clay
No. 112291

Mamie Clay
No. Vol.40 page 637

Roan Clay 4th
No. 105174

Kitty Clay 4th
No. Vol.29 page 553

Kellogg's Kirklevington
No. 108763

Kitty Clay 3rd
No. Vol.30 page 677

Kitty Clay 3rd
No. Vol.30 page 677

Joe Johnson
No. 98764

Kitty Clay 4th
No. Vol.29 page 553

Joe Johnson
No. 98764
Betsey 7th
No. Vol.35 page 925

Dick Turpin
No. 50740
Kitty Clay 2nd
No. Vol.21

Duke of Kirklevington 6th
No. 85862
Red Rose 4th
No. Vol.24 page 18752

Dick Turpin
No. 50740
Kitty Clay 2nd
No. Vol.21

Gonewango Lad 9th
No. 68880
Joe Johnson
No. 98764
Fillpail 3rd
No. (Vol.34 page 923)

Dick Turpin
No. 50740
Kitty Clay 2nd
No. Vol.21

Gonewango Lad 9th
No. 68880
Joe Johnson
No. 98764
Fillpail 3rd
No. (Vol. 34 page 923)

Dick Turpin
No. 50740
Kitty Clay 2nd
No. Vol.21

Gonewango Lad 9th
No. 68880
Fillpail 3rd
No. Vol.34 page 923
Gonewango Lad 9th
No. 68880
Betsey 3rd
No. Vol.30 page 882
3rd Marquis of Bute
No. 33199
Maid of Orleans
No. Vol.13 page 765
Duke of Jamestown
No. 32295
Kitty Clay
No. By 3rd Senor of Fairview 20948
4th Duke of Clarence
No. 26188
Imp. Kirklevington 19th
No. Vol.16 page 12128
Belle's Duke of Airdrie
No. 47466
Red Rose 2nd
No. Vol.24
3rd Marquis of Bute
No. 33199
Maid of Orleans
No. Vol.13 page 765
Duke of Jamestown
No. 32295
Kitty Clay
No. By 3rd Senor of Fairview 20948
Bell Duke of Vinewood
No. 31788
Gonewango 9th
No. (Vol. 30)
Senor Clay
No. 71746
Fillpail 2nd
No. (Vol.30 page 882)
3rd Marquis of Bute
No. 33199
Maid of Orleans
No. Vol.13 page 765
Duke of Jamestown
No. 32295
Kitty Clay
No. Vol. 21
Bell Duke of Vinewood
No. 31788
Gonewango 9th
No. (Vol.30)
Senor Clay
No. 71746
Fillpail 2nd
No. (Vol.30 page 882)
3rd Marquis of Bute
No. 33199
Maid of Orleans
No. Vol.13 page 765
Duke of Jamestown
No. 32295
Kitty Clay
No. Vol. 21.

Red & White
 Calved - Nov. 1, 1899
 Bred by
 J.K. Innes,
 Granville Center, Pa.

Lady Clare 5th
 No. Vol. 48 page 342
 Owned by
 J.K. Innes,
 Granville Center,
 Pa.
 Yearly Record in Lbs.
 Milk 9072

Cecil Palmer
 No. 133376
 Traces thru
 Mate Clay Cow by Don John
 426
 to R. Alcock's Bull (19)
 Lady Clare 3rd
 No. Vol. 46 page 436
 Traces to
 Hubback (319) to
 Studley Bull (626)

Columbia Clay
 No. 105174
 Luvia Clay
 No. Vol. 39 page 508
 Henry Clay
 No. 112291
 Lady Clare 2nd
 No. Vol. 46 page 436

Roan Clay 4th No. 105174	Joe Johnson No. 98764	Conewango Lad 9th No. 68880
Kitty Clay 4th No. Vol. 29 page 552	Betsy 7th No. Vol. 35 page 925	Fillpail 3rd No. Vol. 34 page 923
Kellogg's Kirklevington No. 108563	Dick Turpin No. 50740	Conewango Lad 9th No. 68880
Luvia Clay No. Vol. 39 page 508	Kitty Clay 2nd No. Vol. 21	Betsy 3rd No. Vol. 30 page 882
Kitty Clay 3rd No. Vol. 30 page 677	Duke of Kirklevington 6th No. 95962	3rd Marquis of Bute No. 33199
Joe Johnson No. 98764	Red Rose 4th No. Vol. 24 page 18752	Maid of Orleans No. Vol. 31 page 765
Henry Clay No. 112291	Dick Turpin No. 50740	Duke of Jamestown No. 32295
Kitty Clay 3rd No. Vol. 30 page 677	Kitty Clay 2nd No. Vol. 21	Kitty Clay No. By 3rd Senor of Fairview 20948
Lady Clare 2nd No. Vol. 46 page 436	Conewango Lad 9th No. 68880	4th Duke of Clarence No. 26188
Lady Clare No. Vol. 46 page 436	Joe Johnson No. 98764	Imp. Kirklevington 19th No. Vol. 16 page 12128
	Fillpail 3rd No. (Vol. 34 page 923)	Belle's Duke of Airdrie No. 47466
	Dick Turpin No. 50740	Red Rose 2nd No. Vol. 24
	Kitty Clay 3rd No. Vol. 30 page 677	3rd Marquis of Bute No. 33199
	Kitty Clay 2nd No. Vol. 21	Maid of Orleans No. Vol. 13 page 765
	Prince of Leona No. 82858	Duke of Jamestown No. 32295
	Prince of Granville No. 100109	Kitty Clay No. By 3rd Senor of Fairview 20948
	Lassie 8th No. Vol. 19 page 14629	Bell Duke of Vinewood No. 31788
	Count of Belvoir No. 43184	Conewango 9th No. (Vol. 30)
	Lady Clare No. Vol. 33 page 651	Senor Clay No. 71746
	Laurinda No. Vol. 21 page 16574	Fillpail 2nd No. (Vol. 30 page 882)
		3rd Marquis of Bute No. 33199
		Maid of Orleans No. Vol. 11 page 854
		Duke of Jamestown No. 32295
		Kitty Clay No. Vol. 21
		Roan Duke No. 33700
		Airelle No. Vol. 15 page 420
		Prince of Oxford 2nd No. 36605
		Lassie 5th By Monarch 3rd 24060
		7th Lord of Oxford No. 17586
		4th Countess of Belvoir By 22nd Duke of Airdrie 16695
		Duke of Yates 17th No. 29430
		White Rose No. Vol. 17 By Clifton Hero

Red & White
Calved - June 15, 1894

Bred by
Innes & May,
Granville Center, Pa.

Henry Clay
No. 112291
Traces thru
Don John 426 to
R. Alcock's Bull (19)

Eleanor Lee
No. Vol. 40 page 637

Owned by
Innes & May,
Granville Center, Pa.

Yearly Record in Lbs.
Milk 9082.6

Nancy Lee
No. Vol. 38 page 482
Traces thru
Countess by Imp. Comet 356
to a cow owned by John
Kerr, Kentucky to Studley
Bull (626)

Joe Johnson
No. 98764

Kitty Clay 3rd
No. Vol. 30 page 677

Crown Prince
No. 96939

11th Gwynne of Riverside
No. Vol. 19 page 14545

Comwango Lad 9th
No. 68880

Fillpail 3rd
No. (Vol. 34 page 923)

Dick Turpin
No. 50740

Kitty Clay 2nd
No. Vol. 21

Heir Apparent
No. 92799 (52994)

Countess
No. Vol. 28 page 425

Monarch Gwynne
No. 17771

Medora Gwynne
No. Vol. 14

Bell duke of Vinewood
No. 31788
Comwango 9th
No. (Vol. 30)

Senor Clay
No. 71746
Fillpail 2nd
No. (Vol. 30 page 882)

3rd Marquis of Bute
No. 33199
Maid of Orleans
No. Vol. 13 page 765

Duke of Jamestown
No. 32295
Kitty Clay
No. Vol. 21

Dunblane
No. 65995
Serenity
No.

Duke of Cumberland
No. 58590
Imp. Farewell
No. Vol. 28 page 425

Marquis of Geneva
No. 10451
Governess 10th
No.

Lord Ellington
No. 3087
Medora 3rd
No.

14th Duke of Airdrie
No. 7879
Bell Duchess
No. Vol. 15
3rd Senor of Fairview
No. 20948
Comwango
No. (Vol. 15)
3rd Senor of Fairview
No. (Vol. 30)
Fillpail
No. (Vol. 30)
Kiantons
No. 26953
Fillpail
No. (Vol. 30)
4th Duke of Goodness
No. 9848
Imp. Lady Adela
No. Vol. 11 page 754
General Grant
No. 21567
Lady Clare
No. By Favorite 19757
Quickstep
No. 24473
Maud
No. Vol. 15
3rd Senor of Fairview
No. 20948
Kitty Glyde 2nd
No. Vol. 21
Roan Gauntlet
No. 45276
Duchess of Gloster 21st
No. Vol. 25 page 392
Barapton
No. 45246
Souvenir
By Royal Duke of Gloster 20901
Hubbeck Jr.
No. (31395)
Belle of Burrel Green
No. (Vol. 21 page 798)
Royal Westmoreland
No. (35416)
General's Daughter
No. (Vol. 25 page 590)
4th Duke of Geneva
No. 7931
Maid Marion 5th
No. By Albion 19209
Monarch
No. 8647
Governess
No. By Imp. Governor (12957)
Victor
No. 12268
Lady Ellington
No. By Broughton Hero (5811)
James Buchanan
No. 20049
Medora 2nd
No. By Haurner (13928)

Red with Star
Calved - July 8, 1895

Bred by
Innes & May
Granville Center, Pa.

Henry Clay
No. 112291
Traces thru
Mate Clay Cow by Don John
426
to R. Alcock's Bull
(19)

Henrietta Clay
No. Vol. 40 page 637

Owned by
Innes & May
Granville Center,
Pa.

Yearly Record in Lbs.
Milk 9167.1

Mamie Clay
No. Vol. 36 page 482
Traces thru
Mate Clay Cow by Don John
426
to R. Alcock's Bull (19)

Joe Johnson
No. 98764

Kitty Clay 3rd
No. Vol. 30 page 677

Joe Johnson
No. 98764

Kitty Clay 4th
No. Vol. 29 page 573

Gonewango Lad 9th
No. 68880
Fillpail 3rd
No. (Vol. 34 page 923)

Dick Turpin
No. 50740
Kitty Clay 2nd
No. Vol. 21

Gonewango Lad 9th
No. 68880

Fillpail 3rd
No. (Vol. 34 page 923)

Dick Turpin
No. 50740

Kitty Clay 2nd
No. Vol. 21

Bell Duke of Vinewood
No. 31788
Gonewango 9th
No. (Vol. 30)
Senor Clay
No. 71746
Fillpail 2nd
No. (Vol. 30 page 882)

3rd Marquis of Bute
No. 33199
Maid of Orleans
No. Vol. 13 page 765
Duke of Jamestown
No. 32295
Kitty Clay
No. Vol. 21

Bell Duke of Vinewood
No. 31788
Gonewango 9th
No. (Vol. 30)

Senor Clay
No. 71746
Fillpail 2nd
No. (Vol. 30 page 882)

3rd Marquis of Bute
No. 33199
Maid of Orleans
No. Vol. 11 page 854

Duke of Jamestown
No. 32295
Kitty Clay
No. Vol. 21

14th Duke of Airdrie
No. 7879
Bell Duchess
No. Vol. 15
3rd Senor of Fairview
No. 20948
Gonewango
No. (Vol. 15)
3rd Senor of Fairview
No. (Vol. 30)
Fillpail
No. (Vol. 30)
Kiantona
No. 26953
Fillpail
No. (Vol. 30)
4th Duke of Goodness
No. 9848
Imp. Lady Adela
No. Vol. 11 page 754
General Grant
No. 21567
Lady Clare
No. By Favorite 19757
Quickstep
No. 24473
Maud
No. Vol. 15
3rd Senor of Fairview
No. 20948
Kitty Clyde 2nd
No. Vol. 21
14th Duke of Airdrie
No. 7879
Bell Duchess
No. Vol. 15
3rd Senor of Fairview
No. 20948
Gonewango
No. (Vol. 15)
3rd Senor of Fairview
No. 20948
Fillpail
No. (Vol. 30)
Kiantona
No. 26953
Fillpail
No. (Vol. 30)
4th Duke of Goodness
No. 9848
Imp. Lady Adela
No. Vol. 11 page 754
General Grant
No. 21567
Lady Clare
No. By Favorite 19757
Quickstep
No. 24473
Maud
No. Vol. 15
3rd Senor of Fairview
No. 20948
Kitty Clyde 2nd
No. Vol. 21

Red & White
Calved - Sept. 10, 1897

Bred by
Innes & May,
Granville Center, Pa.

Cecil Palmer
No. 13376
Traces to
Don John 426 to
R. Alcock's Bull (19)

Belle of Glenside
No. Vol. 43 page 761

Owned by
Innes & May,
Granville Center,
Pa.

Yearly Record in Lbs.
Milk9,186.3

Margaretta Clay
No. Vol. 40 page 637
Traces thru
Blythe Comet (85) to
Hubback (319) to
Studley Bull (626)

Columbia Clay
No. 114800

Luvia Clay
No. Vol. 39 page 508

Henry Clay
No. 112291

Belle of Grovedale 2nd
No. Vol. 31 page 1011

Roan Clay 4th
No. 105174

Kitty Clay 4th
No. Vol. 29 page 551

Kitty Clay 3rd
No. Vol. 30 page 677

Joe Johnson
No. 98764

Kitty Clay 3rd
No. Vol. 30 page 677

Copley
No. 38047

Belle of Grovedale
No. Vol. 25 page 1253

Joe Johnson
No. 98764
Betsy 7th
No. Vol. 35 page 925

Dick Turpin
No. 50740
Kitty Clay 2nd
No. Vol. 21

Duke of Kirklevington 6th
No. 85862
Kellogg's Kirklevington
No. 108563
Red Rose 4th
No. Vol. 24 page 18752

Dick Turpin
No. 50740
Kitty Clay 2nd
No. Vol. 21

Conewango Lad 9th
No. 68880
Joe Johnson
No. 98764
Fillpail 3rd
No. (Vol. 34 page 923)

Dick Turpin
No. 50740
Kitty Clay 2nd
No. Vol. 21

Bell Duke
No. 25667
Coquette 5th
No. Vol. 15 page 487

2nd Prince of Wolverston
No. 30707
Belle of Riverside 4th
No. Vol. 18 page 13585

Conewango Lad 9th
No. 68880
Fillpail 3rd
No. Vol. 34 page 923
Conewango Lad 9th
No. 68880
Betsy 3rd
No. Vol. 30 page 882
3rd Marquis of Bute
No. 33199
Maid of Orleans
No. Vol. 13 page 765
Duke of Jamestown
No. 32295
Kitty Clay
No. By 3rd Senor of Fairview 20948
4th Duke of Clarence
No. 26188
Imp. Kirklevington 19th
No. Vol. 16 page 12128
Belle's Duke of Airdrie
No. 47466
Red Rose 2nd
No. Vol. 24
3rd Marquis of Bute
No. 33199
Maid of Orleans
No. Vol. 13 page 765
Duke of Jamestown
No. 32295
Kitty Clay
No. By 3rd Senor of Fairview 20948
Bell Duke of Vinewood
No. 31788
Conewango 9th
No. (Vol. 30)
Senor Clay
No. 71746
Fillpail 2nd
No. (Vol. 30 page 882)
3rd Marquis of Bute
No. 33199
Maid of Orleans
No. Vol. 31 page 765
Duke of Jamestown
No. 32295
Kitty Clay
No. Vol. 21
2nd Duke of Hillhurst
No. 12893
Lady Belle 4th
No. Vol. 9
15th Duke of Airdrie
No. 6628
Coquette 3rd
No.
Earl of Seaham
No. 8077
Princess of Wolverston
No. Vol. 15
Baron Oxford 2nd
No. 18632
Belle of Riverside
No. Vol. 14 page 430

Red & White
 Calved - June 25, 1897
 Bred by
 Innes & May,
 Granville Center, Pa.

Henry Clay
 No. 112291
 Traces thru
 Mate Clay Cow by Don John
 426
 to R. Alcock's Bull (19)

Luvia Clay 2nd
 No. Vol. 43 page 761

Owned by
 Innes & May,
 Granville Center,
 Pa.

Yearly Record in Lbs.
 Milk9,350.5

Luvia Clay
 No. Vol. 39 page 508
 Traces to
 Mate Clay Cow by Don John
 426
 to R. Alcock's Bull (19)

Joe Johnson
 No. 98764

Kitty Clay 3rd
 No. Vol. 30 page 677

Kellogg's Kirklevington
 No. 108563

Kitty Clay 3rd
 No. Vol. 30 page 677

Conewango Lad 9th
 No. 68880

Fillpail 3rd
 No. (Vol. 34 page 923)

Dick Turpin
 No. 50740

Kitty Clay 2nd
 No. Vol. 21

Duke of Kirklevington 6th
 No. 85862

Red Rose 4th
 No. Vol. 24 page 18752

Dick Turpin
 No. 50740

Kitty Clay 2nd
 No. Vol. 21

Bell Duke of Vinewood
 No. 31788
 Conewango 9th
 No. (Vol. 30)

Senor Clay
 No. 71746
 Fillpail 2nd
 No. (Vol. 30 page 882)

3rd Marquis of Bute
 No. 33199
 Maid of Orleans
 No. Vol. 13 page 865

Duke of Jamestown
 No. 32295
 Kitty Clay
 No. Vol. 21

4th Duke of Clarence
 No. 26188
 Imp. Kirklevington 19th
 No. Vol. 16 page 12123

Belle's Duke of Airdrie
 No. 47466
 Red Rose 2nd
 No. Vol. 24 page 18752

3rd Marquis of Bute
 No. 33199
 Maid of Orleans
 No. Vol. 31 page 765

Duke of Jamestown
 No. 32295
 Kitty Clay
 No. Vol. 21

14th Duke of Airdrie
 No. 7879
 Bell Duchess
 No. Vol. 15
 3rd Senor of Fairview
 No. 20948
 Conewango
 No. (Vol. 15)
 3rd Senor of Fairview
 No. (Vol. 30)
 Fillpail
 No. (Vol. 30)
 Kiantone
 No. 26953
 Fillpail
 No. (Vol. 30)
 4th Duke of Goodness
 No. 9848
 Imp. Lady Adela
 No. Vol. 11 page 754
 General Grant
 No. 21567
 Lady Clare
 No. By Favorite 19757
 Quickstep
 No. 24473
 Maud
 No. Vol. 15
 3rd Senor of Fairview
 No. 20948
 Kitty Clyde 2nd
 No. Vol. 21
 18th Duke of Oxford
 No. 25995
 Duke 109th
 By 2nd Duke of Clare 21576
 3rd Grand Duke of Gloster
 No. 25764
 Siddington 6th
 Vol. 20 page 764
 13th Duke of Airdrie
 No. 5535
 Miss Belle
 Vol. 16 By the Doctor 13021
 Duke of Chestnut Grove
 No. 21494
 Red Rose
 By The Doctor 13021
 4th Duke of Goodness
 No. 9848
 Imp. Lady Adela
 No. Vol. 11 page 754
 General Grant
 No. 21567
 Lady Clare
 No. By Favorite 19757
 Quickstep
 No. 24473
 Maud
 No. Vol. 15
 3rd Senor of Fairview
 No. 20948
 Kitty Clyde 2nd
 No. Vol. 21

Red with Star
Calved - April 13, 1885

Bred by
N.U. Miller,
Freesburg, N.Y.

Quickstep
No. 24473

Traces to
A. Alcock's Bull (19)

Belle 2nd
No. Vol. 31 page 798

Owned by
Innes & May,
Granville Center, Pa.

Yearly Record in Lbs.
Milk 9391.8

Belle
No. Vol. 20 page 15482

Traces to
Hubback (319) to
Studley Bull (626)

Star of Hope No. 12968	Marquis of Geneva No. 10451	4th Duke of Geneva No. 7931	Earon of Oxford No. (23371)
		Maid Marion 5th No.	7th Duchess of Thorndale By 2nd Grand Duke (12961)
		Monarch No. 8647	Albion No. (19209)
		Hope 17th No.	Maid Marion 2nd By Lark John (11728)
		Hope 10th No.	Oxford Lad No. 4220
		Young Favourite 3rd No. 10047	Widge By Grand Master (12968)
		Defiance No. 11617	Usurper No. 5237
		Cherry 4th No.	Hope 3rd By Perfection 2019
		Alfred No. 4546	Favourite 2nd No. 10046
		Jessie No.	Old Sally By Squier 3466
		Polyanthus No.	Squier 3466
		Fearless No. 8126	Cherry 3rd By Blucher 2691
		Young Rover No. 15784	Ethelbert No. 1516
		Rosedale No.	Snowbird By Holton 556
		Grand Duke No. 3985	Browwater No. (7847)
		3rd Duchess of Plumwood No. 26542	(By Rokesby 8502)
		Duchess of Plumwood No. Vol. 8	Plantogenet No. 6031
		Gwynne's Marnion No.	Belle of Oakland By Starlight 2nd 2259
		Trojan No. 13052	Union Duke No. 4444
		Queen No. Vol. 13 page 872	Elera By Ringbull Duke 10770
		Otiska No.	Duke of Airdrie No. (12730)
		Lucy 2nd No.	Josephine By D'Otley 432
			Duke of Thorndale No. 2727
			Viola By Colonel 350
			Marnion No. 1843
			Imp. Diana Gwynne By Duke of Lancaster (10929)
			Favourite No. 2846
			By Don John 426
			Highflyer No. 578
			Edith By Earl of Warwick 465
			Rough and Ready No. 2154
			Lucy 1st By Bonaparte 273

Red

Calved - Dec. 28, 1899.

Bred by

C. Marshall,
Broomhaugh,
Riding-Mill-on-Tyme
England.

Red Rover

No. (77616)

Traces to

J. Brown's White Bull
(98)

Moppy Gem 4th

No.

Sea King

No. (61769)

Moppy Gem 3rd

No.

Red Butterfly 2nd

No. (Vol. 49 page 704)

Owned by

Marshall & McBryde,
Riding-Mill-on-Tyme,
England.

Roseberry Duke 2nd

No. (75475)

Dainty Duke 8th

No. (51052)

Roseberry 38th

No.

Yearly Record in Lbs.

Milk 9,399

Red Butterfly

No.

Traces to

Hubback (319) to
Studley Bull (626)

Charming Butterfly

No.

Duke of Charming Land 35th

No. (52751)

Double Butterfly 2nd

No.

Prince of Fashion

No. (64527)

Dunottar

No. (62554)

Dainty 20th

No.

Scottish Archer

No. (59893)

Primrose 3rd

No.

Waddington

No. (45752)

Dainty 19th

No.

Gondomar

No. (55821)

Sea Foam

No.

Ingram's Faith

No. (54468)

Moppy Gem

No.

Master Ingelwood 4th

No. (45221)

Dainty 5th

No.

Royal Fame

No. (35364)

Roseberry 12th

No.

Duke of Barrington 10th

No. (43067)

Double Duchess

No.

Duke Butterfly

No. (39702)

Thorndale Butterfly Princess

No.

Camberland

No. (46144)

Sumise

By Pride of the Isles (35072)

Norseman

No. (36233)

Primrose

By Clear-the-way (47604)

British Prince

No. (36282)

Winsome

By Albert (30370)

Browley

No. (36289)

Dainty 11th

By Scotsman 3rd (32465)

Feudal Chief

No. (51251)

Godiva

By Camberland (46144)

Gondoliar

No. (52956)

Sea Pink

By Viking (48873)

Royal Ingram

No. (50374)

Anemone 2nd

By Sir Arthur Ingram (32490)

Grand Duke

No. (54388)

Moppy 4th

By Royalty (39059)

Brilliant Butterfly

No. (36270)

Ingelwood Rose

By Master Dragonfly (34807)

Duke of Ormskirk

No. (36526)

Dainty 2nd

By Duke of Hillhurst (28401)

Royal Broughton

No. (27352)

Ringlet

By British Crown (21322)

Knight of Distington

No. (18158)

Roseberry 3rd

By Flying Dutchman (10235)

Duke of Rothesay

No. (36534)

Duchess of Barrington

By Duke of Connaught (33604)

Grand Duke 23rd

No. (34063)

Roan Duchess

By 17th Duke of Oxford (25994)

Duke of Oxford

No. (31004)

Thorndale's Butterfly

By Earl of Thorndale (28521)

Duke of Thorndale

No. (33739)

Butterfly Princess 18th

By Duke of Oxford 14th (21605)

Red
calved - March 12, 1902

Bred by
R.W. Hobbs,
England.

Panic
No. (79520)
Traces thru
Favourite (252) to
R. Alcock's Bull (19)

Poppy
No. (Vol. 51 page 656)

Owned by
Lord Rothschild,
England.

Yearly Record in Lbs.
Milk 9,485

Wallflower 9th
No.
Traces thru
Red Rose by Matchem (2281)
thru Favourite (252) to
Hubback (319) to
Studley Bull (626)

Shelford Beau Champion
No. (71586)

Placid
No.

Chancellor
No. (72191)

Wallflower 7th
No.

Statesman
No. (66400)

Verbena 19th
No.

Prince William
No. (62676)

Primula
No.

Rosedale Beau
No. (64699)

Offerton Dowke 2nd
No.

Cherry Duke
No. (62293)

Wallflower 6th
No.

Lord Brooke 6th
No. (61145)
Nora Crags
No.

Duke of Rosedale 12th
No. (46268)
Verbena 16th
No.

New Year's Gift
No. (57796)
Clara 43rd
No.

Lord Sandgrove 16th
No. (57682)
Pledge 2nd
No.

Weal King's Farewell
No. (60159)
Jubilee Georgia
No.

Thurlaston Kirklevington
No. (58218)
Young Dowke
No.

Sportsman 2nd
No. (59999)
Cherry Duchess
No.

Kidderminster
No. (55950)
Wallflower 5th
No.

Furbelow Duke 6th
No. (55767)
Blossom
By Wellesley 16th (47242)
Lord Oxford Crags
No. (61209)
Star
By Emperor 19th (60768)
Duke of Connaught
No. (33604)
Rosedale Rose 5th
By Grand Duke 17th (24064)
Caliban
No. (30944)
Verbena 15th
By Baron Barrington 6th (33008)
Bannockburn
No. (38122)
Louisa
By Duke of Beaufort (38122)
William of Orange
No. (50694)
Clara 35th
By Kinsman (48112)
Sir Maurice
No. (56570)
Sabrina 10th
By Grand Duke of Gloster (36721)
Mr. Walton
No. (67501)
Pledge
By Priam (46871)
Weal King
No. (56732)
Queen of the Eastthorpes
By Royal Ingram (50374)
Uncle Ben
No. (47184)
Georgia Princess
By Elmhurst Prince (41503)
Count Kirklevington
No. (49331)
Bossie
By Darlington's Walnut (33509)
Duke of Gloster 2nd
No. (60678)
Dowke
By Nestor (61359)
Grand Duke Worcester
No. (46456)
Sprite 38th
By Earl of Beeston (36572)
Kinsman 9th
No. (55969)
Cherry Ripe 2nd
By Arbitrator (55259)
Stonegrave
No. (42453)
Miss Elitty
By Gay Boy (31222)
Arbitrator
No. (55259)
Wallflower 4th
By Nettle Duke (56219)

Roan

Calved - Dec. 17, 1902

Bred by

Innes & May,

Granville Center, Pa.

Imp. Duke Buttercup

No. 160769 (86530)

Traces to
Hubback (319) to
Studley Bull (626)

Duke of Kirkby 17th

No. 160774 (60310)

Duchess Butterfly

No. Vol. 45 page 297

Village Queen

No. Vol. 64 page 745

Owned by

Innes & May,

Granville Center,

Pa.

Yearly Record in Lbs.

Milk 9514.3

Margaratta Clay

No. Vol. 40 page 637

Traces to
R. Alcock's Bull (19)

Belle of Crovedale 2nd

No. Vol. 26 page 1253

Cambridge Rose Duke 9th

No. 160767 (63852)

Duchess of Kirkby 14th

No.

Duke of Chatsworth 5th

No. 160770 (56353)

Duchess of Grange 13th

No.

Joe Johnson

No. 98764

Henry Clay

No. 112291

Kitty Clay 3rd

No. Vol. 30 page 677

Copley

No. 37047

No. Vol. 26 page 1253

Field Marshal Wellington 27th

No. 160784 (58945)

Cambridge Rose 10th

No.

Waterloo Conqueror

No. 160795 (60147)

Duchess of Kirkby 7th

No.

Duke of Helmsley

No. 160773 (58812)

Duchess of Killbow

No.

Grand Duke of Grange

No.

Duchess of Grange 6th

No.

Conewango Lad 9th

No. 68880

Fillpail 3rd

No. (Vol. 34 page 923)

Dick Turpin

No. 50740

Kitty Clay 2nd

No. Vol. 21

Bell Duke

No. 25667

Coquette 5th

No. Vol. 15 page 427

2nd Princess of Wolveston

No. 30707

Belle of Riverside 4th

No. Vol. 16 page 12585

Beverly Siddington 2nd

No. 160765

Duchess of Wellington

By Oxford La Grand 24227

Earl of Siddington 6th

No. 160782

Cambridge Rose 7th

By Duke of Rosedale 3rd 16776

Duke of Charmingland 46th

No. 91541

Wave of Derwent 3rd

By D. of Elmhurst 2nd 50988

Baron Oxford 10th

No. 160760

Duchess of Kirkby 3rd

By Grand D. of Lightburne 3rd

Duke of York 9th

No. 157924

Thorndale Rosa 20th

By D. of Underley 3rd 49592

Lord Roseberry

No. 140150 (51644)

Duchess 123rd

By Grand Duke 41st 46439

Grand Duke of Holker

No. 28331

Yorkshire Lady 2nd

By D. of Grange 1st 160772

Duke of Grange 1st

No. 160772

Duchess of Grange

By Oxford Gwynne 160792

Bell Duke of Vinewood

No. 31788

Conewango 9th

No. (Vol. 30)

Senor Clay

No. 71746

Fillpail 2nd

No. (Vol. 30 page 892)

3rd Marquis of Eute

No. 23129

Maid of Orleans

No. Vol. 13 page 765

Duke of Jamestown

No. 32295

Kitty Clay

No. Vol. 21

2nd Duke of Hillhurst

No. 12893

Layd Bell 4th

No. Vol. 9 By 2nd D. of Airrie

15th Duke of Airrie

No. 6628

Coquette 3rd

Vol. 7 By Railway 4289

Earl of Sealam

No. 8077

Princess of Wolveston

Vol. 15 By Milbrook 8529

Baron of Oxford 2nd

No. 18632

Belle of Riverside

No. Vol. 14 page 430

Red & White
Calved - July 22, 1898

Bred by
J.K. Innes,
Granville Center, Pa.

Henry Clay
No. 112291
Traces thru
Mate Clay Cow by Don John
426
to R. Alcock's Bull(19)

Kitty Clover 3rd
No. Vol. 46 page 436

Owned by
Innes & May,
Granville Center,
Pa.

Yearly Record in Lbs.
Milk 9,526.8

Kitty Clover
No. Vol. 40 page 637
Traces thru
Mate Clay Cow by Don John
426
to R. Alcock's Bull(19)

Joe Johnson
No. 98764

Kitty Clay 3rd
No. Vol. 30 page 677

Roan Clay 4th
No. 105174

Kitty Clay 4th
No. Vol. 29 page 553

Conewango Lad 9th
No. 68880

Fillpail 3rd
No. (Vol. 34 page 923)

Dick Turpin
No. 50740

Kitty Clay 2nd
No. Vol. 21

Joe Johnson
No. 98764

Betsy 7th
No. Vol. 35 page 925

Dick Turpin
No. 50740

Kitty Clay 2nd
No. Vol. 21

Bell Duke of Vinewood
No. 31788
Conewango 9th
No. (Vol. 30)

Senor Clay
No. 71746
Fillpail 2nd
No. (Vol. 30 page 882)

3rd Marquis of Bute
No. 33199
Maid of Orleans
No. Vol. 31 page 765

Duke of Jamestown
No. 32295
Kitty Clay
No. Vol. 21

Conewango Lad 9th
No. 68880
Fillpail 3rd
No. (Vol. 34 page 923)

Conewango Lad 9th
No. 68880
Betsy 3rd
No. Vol. 30 page 882

3rd Marquis of Bute
No. 33199
Maid of Orleans
No. Vol. 31 page 765

Duke of Jamestown
No. 32295
Kitty Clay
No. Vol. 21

14th Duke of Airdrie
No. 7872
Bell Duchess
No. Vol. 15
3rd Senor of Fairview
No. 20948
Conewango
No. (Vol. 15)
3rd Senor of Fairview
No. 20948
Fillpail
No. (Vol. 30)
Kiantone
No. 26953
Fillpail
No. (Vol. 30)
4th Duke of Goodness
No. 9848
Imp Lady Adela
No. Vol. 11 page 754
General Grant
No. 21567
Lady Clare
No. By Favorite 19757
Quickstep
No. 24473
Maud
No. Vol. 15
3rd Senor of Fairview
No. 20948
Kitty Clyde 2nd
No. Vol. 21
Bell Duke of Vinewood
No. 31788
Conewango 9th
No. (Vol. 30)
Senor Clay
No. 71746
Fillpail 2nd
No. (Vol. 30 page 882)
Bell Duke of Vinewood
No. 31788
Conewango 9th
No. (Vol. 30)
Red Jacket
No. 27646
Lady Jane
No. Vol. 13
4th Duke of Goodness
No. 9848
Lady Adela
No. Vol. 11 page 754
General Grant
No. 21567
Lady Clare
No. By Favorite 19757
Quickstep
No. 24473
Maud
No. Vol. 15
3rd Senor of Fairview
No. 20948
Kitty Clyde 2nd
No. Vol. 21

Red & White
Calved - May 2nd, 1892

Bred by
J.K. Innes,
Granville Center,
Pa.

Roan Clay 4th
No. 105174
Traces to
Twin Clay Cow to
R. Alcock's Bull (19)

Mayflower
No. Vol. 38 page 482

Owned by
J.K. Innes,
Granville Center,
Pa.

Yearly Record in Lbs.
Milk 9648.3

White Stockings 2nd
No. Vol. 37 page 619
Traces to
Hubback (319) to
Studley Bull (626)

Joe Johnson
No. 98764
No. (Vol. 24 page 923)

Betsy 7th
No. Vol. 38 page 925

Roan Chief
No. 67492

White Stockings
No. Vol. 20 page 16263

Conewango Lad 9th
No. 68880

Fillpail 3rd
No. (Vol. 24 page 923)

Conewango Lad 9th
No. 68880

Betsy 3rd
No. Vol. 30 page 882

Emperor 2nd
No. 38780

Topsy
No. Vol. 20 page 16226

Emperor 3rd
No. 38781

Jennie 2nd
No. Vol. 20

Bell Duke of Vinewood
No. 31788
Conewango 9th
No. (Vol. 30)

Senor Clay
No. 71746
Fillpail 2nd
No. (Vol. 30 page 882)

Bell Duke of Vinewood
No. 31788
Conewango 9th
No. (Vol. 30)

Red Jacket
No. 27646
Lady Jane
No. Vol. 13

Emperor
No. 14196
Annetta
No. Vol. 12

Emperor
No. 14196
Jennie
No. Vol. 12

Emperor
No. 14196
Lady Alice
No. Vol. 13

Emperor 2nd
No. 38780
Jennie
No.

14 Duke of Airdrie
No. 7879
Bell Duchess
No. Vol. 15
3rd Senor of Fairview
No. 20948
Conewango
No. (Vol. 15)
3rd Senor of Fairview
No. 20948
Fillpail
No. (Vol. 30)
Kiantone
No. 26953
Fillpail
No. (Vol. 30)
14th Duke of Airdrie
No. 7879
Bell Duchess
No. Vol. 15
3rd Senor of Fairview
No. 20948
Conewango
No. (Vol. 15)
Mark Twain
No. 10447
Roan
By Gwynne Marmion 10177
Gwynne's Marmion
No. 10177
Betsy
By Squier 3466
Royal Crown
No. 10916
Sally
No. By Wayne 3544
Royal Crown
No. 10916
Janetta 2nd
No. By Duke of Waterloo 3893
Royal Crown
No. 10916
Sally
No. By Wayne 3544
Maximillian
No. 6362
Delight
By Count Fathom 381
Royal Crown
No. 10916
Sally
By Wayne 3544
British Yeoman
No. 11440
Lady of the Lake
No. By Premier 5076
Emperor
No. 14196
Anetta
No. Vol. 12
Maximillian
No. 6362
Delight
By Count Fathom 381

Dark Roan
calved - March 4, 1894

Bred by
E.H. & R.E. Palmer,
Barlow, Ohio.

John Clay
No. 112502
Traces thru
Don John 426 to
R. Alcock's Bull (19)

Lady Fairfield 26th
No. Vol. 40 page 810

Owned by
Innes & May,
Granville Center,
Pa.
Yearly Record in Lbs.
Milk 9764.9

Lady Fairfield 18th
No. Vol. 37 page 764
Traces thru
Pansy by Blaize (76) to
Hubback (319) to
Studley Bull (626)

Joe Johnson
No. 98764

Fillpail 7th
No. Vol. 35 page 925

Greampot's Prince
No. 91201

Lady Fairfield 8th
No. Vol. 33 page 780

Conewango Lad 9th
No. 68880

Fillpail 3rd
No. Vol. 34 page 923

Conewango Lad 9th
No. 68880

Fillpail 4th
No. Vol. 34 page 923

Prince Gwynne 4th
No. 57571

Greampot 25th
No. Vol. 34

3th Duke of Lebanon
No. 47980

Lady Fairfield 3rd
No. Vol. 23 page 17905

Bell Duke of Vinewood
No. 31788
Conewango 9th
No. Vol. 30

Senor Clay
No. 71746
Fillpail 2nd
No. Vol. 30 page 882

Bell Duke of Vinewood
No. 31788
Conewango 9th
No. Vol. 30

General Clyde
No. 66181
Fillpail 2nd
No. Vol. 30 page 832

Prince Gwynne 2nd
No. 44643
Princess Pine
No. Vol. 17 page 13111

Beaverwick 2nd
No. 90505
Greampot 23rd
No. Vol. 27 page 841

Gwynne's Duke
No. 35721
Lady Jane 16th
No. Vol. 14

Prince of the Realm
No. 20598
Lady Fairfield
No. Vol. 14

14th Duke of Airdrie
No. 7879
Bell Duchess
No. Vol. 15
3rd Senor of Fairview
No. 20948
Conewango
No. Vol. 15
3rd Senor of Fairview
No. 20948
Fillpail
No. Vol. 30
Kiantone
No. 26953
Fillpail
No. Vol. 30
14th Duke of Airdrie
No. 7879
Bell Duchess
No. Vol. 15
3rd Senor of Fairview
No. 20948
Conewango
No. Vol. 15
Braceville Lavanjo
No. 22219
Kitty Clyde
No. Vol. 13
Kiantone
No. 26953
Fillpail
No. Vol. 30
2nd Prince of Wolveston
No. 30707
3rd Gwynne of Riverside
No. Vol. 16 By Monarch Gwynne
17771
Good Samaritan
No. 17201
Susan
No. Vol. 13 By Royalist 11242
Harry S.
No. 59986
Greampot 21st
No. Vol. 27 page 841
Harry S.
No. 59986
Greampot 14th
No. Vol. 14 page 478
Duke of Oxford
No. 22880
Atlantic Gwynne 2nd
By Duke of Salem 2943
Royal Briton
No. 15398
Lady Jane 10th
By Five - Twenty 8140
Imp. Prince Nicholas
No. 11235
Lady Sherbrooke 2nd
By Star of the Realm 11021
Barlow
No. 18911
Lady Clara
No. By Thor 11065

Red & Little White
Calved - June 13, 1899

Bred by
G.L. Foster Harter,
Puckrup Hall.
England.

Prince Louis
No. (73286)
Traces to
R. Alcock's Bull (19)
Puckrup Kirklevington 2nd
No. (Vol. 52 page 1075)
(Vol. 49 page 703)
Owned by
Lord Rothschild
England.
Puckrup Kirklevington
Yearly Record in Lbs.
Milk 9,798
Traces to
Hubback (319)
to Studley Bull (626)

Fairy Prince
No. (65480)
Louisa 14th
No.
Duke of Barrington 44th
No. (68494)
Lady Island Kirklevington 4th
No.

Fairy King
No. (62570)
Daisy's Welcome
No.
Lord Adderbury
No. (59275)
Louis 8th
No.
Duke of Barrington 40th
No. (60662)
Duchess of Barrington 22nd
No. (65356)
Duchess of Barrington 28th
No.
Duke York Waterloo
No. (58848)
Lady Filleigh Kirklevington 19th
No.

Royal Arthur
No. (59806)
Fairy Rosebud
No.
Royal Arthur
No. (59806)
Daisy's Diadem
No.
Duke of Adderbury
No. (54180)
Red Mountain
No.
May Duke
No. (53361)
Louise 6th
No.
Duke of Barrington 34th (Twin)
No. (60662)
Duchess of Barrington 22nd
No.
Rowfant Grand Duke
No. (52014)
Barrington Twin Duchess
No.
Duke of York 10th
No. (54231)
Lady Waterloo 19th
No.
Baron Bright Eyes 2nd
No. (53932)
Lady Filleigh Kirklevington 9th
No.
Baron Ludwell
No. (55324)
Lady Alice
By Samson (45564)
King Hal
No. (49808)
Studley Rosebud
By Royal Studley (45548)
Baron Ludwell
No. (55324)
Lady Alice
By Samson (45564)
Hopeful
No. (54447)
Daisy's Pat
By Easter Emperor (44763)
Royal Hope
No. (43950)
Necklace
By Baron Jocelyn (36185)
Royal Hope
No. (43950)
Fleur d'Amour 2nd
By Crown Prince (30825)
Baron Shendish 5th
No. (44374)
May Duchess 15th
By Duke of Darlington 4th (38138)
Earl of Arvon
No. (41470)
Louise 3rd
By Prince of Geneva 4th (37250)
Duke of Charmingland 55th
No. (57183)
Duchess of Barrington 7th
By Duke of Barrington 10th (43067)
Duke of Barrington 10th
No. (43067)
Duchess of Barrington
By Duke of Connaught (33604)
Duke of Connaught
No. (33604)
Grand Duchess 32nd
By Grand Duke 25th (34065)
Duke of Barrington 10th
No. (43067)
Duchess of Gaddesby Barrington 7th
By Tregunter (42516)
Grand Duke 46th
No. (49671)
Duchess of York
By Baron Oxford 8th (41057)
Duke of Oxford 64th
No. (49471)
Lady Waterloo 13th
By Duke Donstale (33561)
Duke of Oxford 70th
No. (51141)
Lady Bright Eyes 2nd
By Grand Duke 19th (28746)
Lord Turncroft Oxford 2nd
No. (32668)
Lady Filleigh Kirklevington 3rd
By Lord Turncroft Oxford 2nd

Red
Calved - Feb. 24, 1902

Bred by
G.R.W. Adeane
Babraham Hall,
Cambridge, England.

Red Lord 15th
No. (77593)
Traces to
R. Alcock's Bull (19)

Babraham Darling Lady
No. (Vol.54 Page 453)
(Vol.53 page 499)

Owned by
G.R.W. Adeane,
Babraham Hall,
Cambridge,
England.

Yearly Record in Lbs.
Milk 9863.5

Darling 6th
No. (Vol.54 page 454)
Traces to
Hubback (319) to
Studley Bull (626)

Red Lord (73373)
No. (73373)

Ruby 20th
No.

Blair Athol
No. (60367)

Darling 4th
No.

Darling 3rd
No.

Oxford Marquis
No. (69216)

Fanny
No.

Royal Nottingham
No. (59834)

Ruby 6th
No.

Bandigo
No. (56935)

Bridget
No.

Lord of the Forest 5th
No. (51623)

Darling 2nd
No.

Oxford Duke Calthwaite 19th
No. (65993)
Marchioness of Oxford 3rd
No.

Aristocrat
No. (62091)
Fanciful
No.

Beau Cambrian
No. (55361)

Willy Millicent
No.

Devonshire
No. (47686)

Ruby 9th
No.

Clear-the-Way
No. (47604)

Agusta 8th
No.

Corset
No. (41250)

Queen of Belgium
No.

Sir Wilfrid
No. (37484)

Patience Ratcliffe
No.

Lord Somerset 8th
No. (48247)

Darling 2nd
No.

Oxford Earl of Waterloo
No. (5783)
Oxford Grand Duke 2nd
By Duke of Saxony (51149)
Laughton Waterloo
No. (61103)
Marchioness of Oxford
By Duke of Cornwall 3rd (44665)
Lord Somerset 10th
No. (48249)
Aster
By Wellesley 16th (47242)
Hindlip 26th
No. (54434)
Fancy 4th
By Lord Brooke 2nd (49884)
Inglewood Beau
No. 53025
Home Beauty 2nd
By Beau Benedict (42769)
Beau Benedict
No. (42769)
Fair Millicent 2nd
By Brilliant Butterfly 36270
Duke of Gloster 7th
No. 39735
Darling
By Caractacus (28141)
Beau of Oxford 2nd
No. (33129)
Ruby 2nd
By Duke of York 7th (17754)
Perfection
No. (37185)
Claret
By Grand Vizier (34086)
Privy Seal
No. (50268)
Agusta 2nd
By Le Premier (56010)
Attorney General
No. 30402
Bell
By Livingstone 34465
Cassius
No. (3301)
Countess Cavour
By Oregon (34953)
Royal Benedict
No. 27348
Lady Fanny
By Lord Blighe (22126)
Lord Prinknash 2nd
No. (38653)
Patience Heatherstone
By British Crown (21322)
Wild Oxonian
No. (40927)
Lady Ashton 2nd
By Earl of Leicester 3rd (33804)
April Fool
No. (42667)
Darling
By Witchy (35841)

Red & White
Calved - July 22, 1902

Bred by
Geo. Taylor,
Cranford, Middlesex,
England.

Dunstan
No. (80954)
Traces thru
Hubback (319) to
J. Brown's Red Bull. (97)
to Studley Bull (626)

Wild Cranford 4th
No. (Vol. 49 page 907)

(As Produce)

Owned by
Geo. Taylor,
Cranford, Middlesex,
England.

Yearly Record in Lbs.
Milk 9,874

Wild Eyebright 3rd
No.
Traces thru
Favourite (252) to
G. Colling's Lane Bull.

Duke of Cumberland
No. (72395)
Duchess of Cumberland
No. (48249)
Darlington Somerset
No.

Duke of Cumberland 10th
No. (72395)

Wild Queen 4th
No.
Wild Queen 2nd
No.

Oxford Duke of Calthwaite 33rd
No. (69214)
Lord Somerset 10th
No. (48249)
Beauty of Darlington
No.
Oxford Duke of Calthwaite 33rd
No. (69214)
Duchess of Cumberland
No. (72395)
Wild Queen 4th
No.
Wild Queen 2nd
No.

Kirkaanton
No. (65735)
Oxford Duchess of Calthwaite 10th
No.
Thorndale Duke of York 2nd
No. (61902)
Duchess of Whittlebury 19th
No.
Wild Oxonian
No. (40927)
Winsome 20th
No.
Viscount Oxford of Elmhurst
No. (48892)
Duchess Darlington 5th
No.
Kirksanton
No. (65735)
Oxford Duchess of Calthwaite 10th
No.
Thorndale Duke of York 2nd
No. (61902)
Duchess of Whittlebury 19th
No.
Wild Oxonian
No. (40927)
Winsome 20th
No.
Marchioness of Kirklevington 3rd
No. (53277)
Wild Queen
No.

Oxford Earl Waterloo
No. (57831)
Baroness Kirklevington
By Duke of Rosedale 19th (49479)
Duke of Stroxtion
No. (54221)
Oxford Duchess of Calthwaite 3rd
By Duke of Holker 7th (49456)
Duke of Stroxtion
No. (54221)
Thorndale Rose 29th
By Grand Duke 41st (46439)
Duke of Rosedale 12th
No. (46268)
Duchess of Whittlebury 11th
By Duke of Cornwall 4th (47726)
Duke of Oxford 31st
No. (33713)
Wild Eyebright
By 6th Duke of Geneva (30959)
5th Duke of Weatherby
No. (31033)
Lady Bright Eyes 3rd
By 7th Duke of York (17754)
Airdrie's Kirklevington Duke 3rd
No. (42652)
Countess of Oxford
By Baron Turncroft Oxford 4th (37822)
Grand Duke 22nd
No. (34062)
Duchess of Darlington
By Duke of Tregunter 2nd (26022)
Oxford's Earl Waterloo
No. (57831)
Baroness Kirklevington
By Duke of Rosedale 19th (49479)
Duke of Stroxtion
No. (54221)
Oxford Duchess of Calthwaite 3rd
By Duke of Holker 7th (49456)
Duke of Stroxtion
No. (54221)
Thorndale Rose 29th
By Grand Duke 41st (46439)
Duke of Rosedale 12th
No. (46268)
Duchess of Whittlebury 11th
By Duke of Cornwall 4th (47726)
Duke of Oxford 31st
No. (33713)
Wild Eyebright
No.
5th Duke of Weatherby
No. (31033)
Lady Brighteyes 3rd
No.
Grand Duke 34th
No. (41642)
Marchioness of Kirklevington 2nd
By 20th Duke of Oxford (28432)
Earl of Siddington 6th
No. (51189)
Wild Empress 3rd
By Grand Duke of Wopgaster 2nd

Red & White
Calved - Feb.10, 1902.

Bred by
C.R.W. Adeane,
Near Cambridge, England.

Golden Noble
No. (78986)

Traces to
Hubback (319) to
Studley Bull (626)

Priceless Princess
No. (Vol. 52 page 449)

Owned by
C.R.W. Adeane,
Babraham Hall,
Cambridge, England.

Yearly Record in Lbs.
Milk9,888 6.5

Princess Raglan
No. (Vol. 52 page 450)

Traces to
Hubback, (319) to
Studley Bull (626)

Crystal Count
No. (76457)

Red Pippin
No.

Crown Prince
No. (60566)

Princess Raglan
No.

Louise Raglan
No.

Crystal Prince
No. (70221)

Countess 8th
No.

Adonis 2nd
No. (60240)

Pretty Pippin
No.

Royal Duke
No. (58048)

Lily Benson
No.

Prince of Green Head
No. (47922)

Lucy Raglan
No.

Prince Stephen
No. (64002)

Chloe
No.

Lord Somerset 8th
No. (48,247)

Countess 3rd
No.

Adonia
No. (53889)

Mary
No.

Red Prince
No. (57974)

Polly Pippin
No.

Self Esteem 2nd
No. (48675)

Flora 4th
No.

Royal Millicent
No. (52047)

Annie Benson
No.

Golden Hind
No. (54372)

Vesper 2nd
No.

Earl of Doune
No. (36579)

Annie Raglan
No.

King Stephen
No. (46559)
Cinararia
By Commodore (54118)
Gondolier
No. (52256)
Chrysanthemum
By Crusader (47656)
Wild Oxonian
No. (40227)
Lady Ashton 2nd
By Earl Leicester 3rd (33804)
April Fool
No. (42667)
Countess
By Meditation (40342)
Earl of Beaconsfield 7th
No. (49498)
Rose Bud
By Dick of Kent (33680)
Fire King
No. (41549)
Beauty
By Weston (40900)
Prince Frognore's Seal
No. (48488)
Frognore Pink
By Frognore Prince (46384)
Policy
No. (54798)
Pink 41st
By Colonel Geneva (38012)
Hovingham
No. (43263)
Trusty Lass
By Sir Robin (40720)
Gambler
No. (42250)
Flora 2nd
By D. of Dumallet (36485)
Beau Benedict
No. (42769)
Belle Millicent
By Brilliant Butterfly (36270)
Oxford Waterloo
No. (40434)
Miss Cambridge
By Royal Cambridge (25009)
Self Esteem 2nd
No. (48675)
Princess Flora
By Alfred the Great (36121)
Lord Hamilton
No. (48124)
Red Rose
By Sir Arthur Windsor (35541)
22nd Duke of Oxford
No. (31000)
Daffodil
By Grand Duke 11th (21849)
Traveller
No. (36086)
Lady Raglan 2nd
By Brigadier (33203)

Roan
Calved - May 15, 1893

Bred by
Innes & May,
Granville Center, Pa.

Kellogg's Kirklevington

No. 108563

Traces thru
Hubback (319) to
Studley Bull (626)

Duke of Kirklevington 20th

No. 85862

Red Rose 4th

No. Vol. 24 page 18752

4th Duke of Clarence

No. 26188 (33597)

Imp. Kirklevington 19th

No. Vol. 18 page 12128

Belle's Duke of Airdrie

No. 47466

Red Rose 2nd

No. Vol. 24 page 18752

Heir Apparent

No. 92799 (52994)

Crown Prince

No. 96939

Countess

No. Vol. 28 page 425

Monarch Gwynne

No. 17771

11th Gwynne of Riverside

No. Vol. 19 page 14545

No. Vol. 14

18th Duke of Oxford

No. (25995)

Duchess 109th

No.

3rd Duke of Gloster

No. 22764

Siddington 6th

No. (Vol. 20 page 764)

13th Duke of Airdrie

No. 5535

Miss Belle

No. Vol. 16

Duke of Chestnut Grove

No. 21494

Red Rose

No. Vol. 16

Dunblane

No. 65995

Serenity

No.

Duke of Cumberland

No. 58590

Imp. Farewell

No. Vol. 28 page 425

Marquis of Geneva

No. 10451

Governess 10th

No.

Lord Ellington

No. 3087

Medora 3rd

No.

10th Grand Duke
No. (21848)

Grand Duke of Oxford 5th

By Priam 18567

2nd Duke of Clare

No. (21576)

Duke 100th

By 3rd Duke Wharfedale (21619)

10th Duke of Thorndale

No. (28458)

Duke of Airdrie 8th

By Royal Oxford (18774)

7th Duke of York

No. (17754)

Siddington 2nd

By 4th Duke of Oxford (11387)

Royal Oxford

No. 5157

2nd Duke of Airdrie

By 2nd Duke of Atholl (11376)

The Doctor

No. 13021

Necklace 6th

No. By Belle D. of Oxford 6449

5th Duke of Geneva

No. 7933

Imp. Baddow Rose

No. Vol. 10 By Manhattan 28802

The Doctor

No. 13021

Jane 5th

By Prince of Wales (18630)

Roan Gauntlet

No. 45276

Duchess of Gloster 21st

No. Vol. 25 page 392

Barnpton

No. 45246

Souvenir

By Royal Duke of Gloster 20901

Hubback Jr.

No. (31895)

Belle of Burrel Green

No. (Vol. 21 page 798)

Royal Westmoreland

No. (35416)

General's Daughter

No. (Vol. 25 page 590)

4th Duke of Geneva

No. 7931

Maid Marion 5th

By Albion 19209

Monarch

No. 8647

Governess

By Imp. Governor (12957)

Victor

No. (12268)

Lady Ellington

By Broughton Hero (6811)

James Buchanan

No. 20049

Medora 2nd

No. By Usurper (13928)

Laura

No. Vol. 39 page 508

Owned by

Innes & May

Granville Center

Pa.

Yearly Record in lbs.

Milk 10011.9

Nancy Lee

No. Vol. 38 page 482

Traces thru
Comet (356) to
R. Alcock's Bull (19)

Red & White
Calved - July 20, 1895

Bred by
Innes & May,
Granville Center, Pa.

Henry Clay
No. 112291
Traces thru
Mate Clay Cow by Don John
426
to R. Alcock's Bull (19)

Margaretta Clay
No. Vol. 40 page 637

Owned by
Innes & May,
Granville Center,
Pa.

Yearly Record in Lbs.
Milk 10043.2

Belle of Grovedale 2nd
No. Vol. 31 page 1011
Traces thru
Hubback (319) to
Studley Bull (626)

Joe Johnson
No. 98764

Kitty Clay 3rd
No. Vol. 30 page 677

Gopley
No. 38047

Belle of Grovedale
No. Vol. 26 page 1253

Conewango Lad 9th
No. 68880
Fillpail 3rd
No. (Vol. 34 page 923)

Dick Turpin
No. 50740
Kitty Clay 2nd
No. Vol. 21

Bell Duke
No. 25667

Coquette 5th
No. Vol. 15 page 487

2nd Prince of Wolveston
No. 30707

Belle of Riverside 4th
No. Vol. 14 page 430

Bell Duke of Vinewood
No. 31788
Conewango 9th
No. (Vol. 30)
Senor Clay
No. 71746
Fillpail 2nd
No. (Vol. 30 page 882)

3rd Marquis of Bute
No. 33199
Maid of Orleans
No. Vol. 13 page 765

Duke of Jamestown
No. 32295
Kitty Clay
No. Vol. 21

2nd Duke of Hillhurst
No. 12893
Lady Bell 4th
No. Vol. 19

15th Duke of Airdrie
No. 6628
Coquette 3d
No.

Earl of Seaham
No. 8077
Princess of Wolveston
No. Vol. 15

Baron Oxford 2nd
No. 18632
Belle of Riverside
No. Vol. 14 page 430

14th Duke of Airdrie
No. 7879
Bell Duchess
No. Vol. 15
3rd Senor of Fairview
No. 20948
Conewango
No. (Vol. 15)
3rd Senor of Fairview
No. (Vol. 30)
Fillpail
No. (Vol. 30)
Kiantone
No. 26953
Fillpail
No. (Vol. 30)
4th Duke of Goodness
No. 9848
Imp. Lady Adeln
No. Vol. 11 page 754
General Grant
No. 21567
Lady Clara
By Favourite 19757
Quickstep
No. 24473
Maud
No. Vol. 15
3rd Senor of Fairview
No. 20948
Kitty Clyde 2nd
No. Vol. 21
6th Duke of Geneva
No. 7633
Duchess 97th
By 3rd Duke of Wharfedale (21619)
2nd Duke of Airdrie
No. 19600
Imp. Filbert
By 2nd Cleveland Lad 3408
Royal Oxford
No. (18774)
7th Duchess of Airdrie
By Clifton Duke (3760)
Railway
No. 4289
Imp. Coquette
By Economist 11425
2nd Earl of Carlisle
No. 2804
Lady Sale 6th
By Red Knight 890
Willbrook
No. 8629 (3485)
Rosa
By Berkshire Duke 2539
Baron Bates 3rd
No. 11332
Rose of Oxford
By Prince of Oxford 3rd 6063
Monarch Gwynne
No. 17771
Peggy
No. By Willbrook 8629

Red

Calved - Feb.14, 1897

Bred by

Geo .Taylor,

Granford, Middlesex,

England.

Lord Somerset Furbelow

No. (65855)

Traces to

R Alcock's Bull (19)

Double furbelow

No.

Wild Queen 10th

No.(Vol.48 page 801)

Owned by

Geo. Taylor,

Granford, Middlesex,

England.

Yearly Record in Lbs.

Milk10,044

Wild Queen 2nd

No.(Vol.48 page 801)

Traces to

Masterman's Bull

(422)

Wild Queen

No.

Wild Oxonian

No. (40927)

Lord Somerset 18th

Winsome 20th

No. (48249)

No.

Furbelow Duke 6th

No. (55767)

Furbelow Stanton 2nd

No.

Grand Duke 34th

No. (41642)

Marquis of Kirklevington
3rd

Marchioness of Kirklevington

No. (53277)

No.

Earl of Siddington 6th

No. (51189)

Wild Empress 3rd

No.

Duke of Oxford 31st

No. (33713)

Wild Eyebright

No.

5th Duke of Weatherby

No. (31033)

Lady Bright Eyes 3rd

No.

Baron Oxford 16th

No. (49090)

Gratitude

No.

Wellesley 16th

No. (47242)

Charming Furbelow

No.

Underley

No. (33745)

Grand Duchess 23rd

No.

20th Duke of Oxford

No. (28432)

Marchioness of Kirklevington

Kirklevington Duke 9th

No.

Grand Duke of Gloster

No. (36721)

Earl of Siddington 6th

Fair Kirklevington

No.

Grand Duke of Worcester 2nd

No. (48323)

Wild Empress 2nd

No.

Baron Oxford 4th

No. (25580)

Grand Duchess of Oxford 11th

By Grand Duke 10th (21848)

6th Duke of Geneva

No. (30959)

Wild Eyes Duchess

By Grand Duke 9th (19879)

3rd Duke of Wharfedale

No. (21619)

Duchess 92nd

By 4th Duke of Oxford (11387)

7th Duke of York

No. (17754)

Bright Eyes 2nd

By Royal Butterfly 3rd (18754)

Grand Duke 41st

No. (46439)

Baroness Oxford 11th

By Duke of Connaught (33604)

Grand Duke 34th

No. (41642)

Grissida

By Lally's Hillhurst Duke (38538)

Grand Duke of Waterloo

No. (34077)

Musical 3rd

By Duke of Haslecote 36th(33671)

Duke of Charmingland 16th

No. (44660)

Violet

By Prince of Bailles (42193)

2nd Duke of Oneida

No. (33702)

Duchess of Geneva 10th

By 2nd Duke of Geneva (23752)

Grand Duke 7th

No. (19877)

Grand Duchess 17th

By Imperial Oxford (18084)

Baron Oxford 4th

No. (25580)

Grand Duchess of Oxford 12th

By 2nd Duke of Weatherby (21618)

Grand Duke of Clarence

No. (28750)

Duchess of Kent

By Lord Liverpool (22169)

Oxford's King

No. (34997)

Grand Duchess of Havering 2nd

By 3rd Duke of Geneva (23753)

Fugleman

No. (36670)

Kirklevington Princess 3rd

By Grand D.of Geneva (28756)

3rd Duke of Hillhurst

No. (30975)

Grand Duchess 22th

By Grand Duke 22nd (34062)

Baron Oxford 4th

No. (25580)

Wild Erin

By Duke of Connaught (33604)

Red
Calved - Feb. 8, 1902

Bred by
Geo. Taylor,
Cranford, Middlesex,
England.

Coral Beau
No. (78634)

Traces to
J. Brown's Red Bull
(97) to
Studley Bull (626)

Barrington Duchess 31st
No. (Vol. 53 page 1252)
(Vol. 52 page 1047)

Owned by
Lord Rothschild
England.

Yearly Record in Lbs.
Milk 10,047

Barrington Duchess 18th
No.

Traces thru
Matchem Cow by Matchem (228)
to Hubback (319) to
Studley Bull (626)

Leonidas No. (59260)	Commandore No. (54118)	Baron Violet No. (47777)
Boau Sabreur No. (74049)	Lovely 20th No.	Gustard By Royal Duke of Gloster (29864)
Beauty No.	Duke of Charmingland 46th No. (54196)	Lord Lancaster No. (26666)
	Bertha 15th No.	Lovely 11th By Allan (21172)
	Parrington Surmise 2nd No. (60343)	Duke of Barrington 10th No. (43067)
Earl of Southrop 109th No. (65430)	Bianca Oxford 8th No.	Charming Duchess 12th By Duke of Rothesay (26543)
Coral Necklace No.	Baron Oxford 5th No. (55965)	Earl of Fawsley 3rd No. (28506)
	Coral Countess 22nd No.	Bartha 5th By Duke of Hazlecote 48th (39742)
	Bowfant Grand Duke No. (52014)	Duke of Barrington 22nd No. (55602)
Duke of Barrington 39th No. (65355)	Grand Duchess 32nd No.	Weston Surmise By Grand Duke of Barringtonia 5th (43311)
	Duchess of Barrington 17th No.	Winsome Duke 2nd No. (53875)
	Duchess of Gadesby 2nd No.	Bianca Oxford 4th By Lord Folker 6th (45098)
	General Sale 14th No. (55793)	Duke of Cornwall 3rd No. (44665)
Lord Darlington 44th No. (61156)	Darlington 51st No.	Lady Oxford 7th By Duke of Havering (33664)
	Laughton Duke 5th No. (51512)	Geo. Fredrick No. (34030)
Barrington Duchess 14th No.	Barrington Duchess 5th No.	Clara Coral By Duke of Claro 2nd (21576)
		Duke of Hillhurst No. (28401)
		Duchess 108th By 8th Duke of York (28480)
		Grand Duke 25th No. (34065)
		Grand Duchess 27th By Duke of Hillhurst (28401)
		Duke of Rothesay No. (36534)
		Duchess of Barrington By Duke of Connaught (33604)
		Duke of Gadesby No. (30256)
		Duchess of Devonshire 1st By General Barrington (21810)
		Duke of Oxford 69th No. (49475)
		Countess Sale By Duke of Underley (33745)
		Laughton Duke 5th No. (51512)
		Darlington 35th By Wild Duke 4th (44255)
		Duke of Aveland No. (41355)
		Duchess of Laughton 3rd By Mildare (41748)
		Lord Darlington 19th No. (45077)
		Oxford Duchess 13th By Baron Oxford 2nd (23376)

Red with Star
Calved - June 9th, 1894.

Bred by
H.H. Hinds,
Stanton, Mich.

Master Barmpton
No. 99449
Traces to
C. Colling's Lane
Bull.

Pansy of Stanton 35th
No. Vol. 46 page 407

Owned by
Michigan Agricultural
College.

Yearly Record in Lbs.
Milk 10,058
Butterfat 391.85
Butter 456.5

Pansy of Stanton
No. (Vol. 28 page 714)
Traces thru
Imp. Pansy by Blaize, (76)
to Hubback (319) to
Studley Bull (626)

Master of the Rolls
No. 99463 (56163)

Im. Barmpton Crocus
No. Vol. 30 page 614

Clarence
No. 43098

Crescent
No. (Vol. 25 page 877)

Gondolier
No. 98287 (52956)

Lavender 45th
No. (Vol. 32 page 313)

Chancellor
No. 68693 (47568)

Barmpton Lilly
No. (Vol. 31 page 352)

4th Duke of Clarence
No. 26188 (33597)

Rosa of Racine
No. Vol. 14

Major Booth
No. 30240

Cluny
No. (Vol. 18 page 13618)

Cumberland
No. 50626 (46144)
Gilliver
No.

Baron Violet
No. 20446 (47444)
Lavender 35th
No.

Barmpton
No. (37763)
Crocus
No.

Roan Gauntlet
No. (35284)
Barmpton Spray
No.

18th Duke of Oxford
No. (25995)
Duchess 109th
No.

13th Duke of Thorndale
No. 7431
Rowena
No.

Royal Hope
No. 11241
Imp. Miranda 2nd
No. (Vol. 13)

Royal Belleville
No. 12843
Calico
No. (Vol. 17 page 12814)

Pride of the Isles
No. 35072
Custard
No. (Vol. 25 page 410)
Roan Gauntlet
No. 45276
Garnish
No.
Roan Gauntlet
No. 45276
Violet Bloom
No. (Vol. 27 page 362)
Roan Gauntlet
No. 45276
Lavender 28th
No.
Royal Duke of Gloster
No. (29864)
Barmpton's Flower
No.
Pride of the Isles
No. 35072
Princess Royal
No.
Royal Duke of Gloster
No. (29864)
Princess Royal
No.
Caesar Augustus
No. (25704)
Barmpton's Flower
No.
10th Grand Duke
No. (21848)
Grand Duchess of Oxford 5th
No.
2nd Duke of Clara
No. (21576)
Duchess 100th
By 3rd Duke of Wharfedale.
Baron of Oxford
No. 2525
8th Duchess of Thorndale
No.
7th Duke of Airdrie
No. 5532 (23718)
Rosabella
By Duke of Airdrie 9798
Royal Briton
No. 9014
Fairmaid of Hope
No.
Majestic
No. (29255)
Miranda
By Baron Killerby 23364
Royal Briton
No. 9014
Rosamond 3rd
No.
Hester
No. 10237
Cynlin
No. Vol. 18 page 13626

Red & White
Calved March 14, 1895

Bred by
Innes & May,
Granville Center, Pa..

Henry Clay
No. 112891
Traces thru
Mate Clay Cow by Don John
426
to R. Alcock's Bull(19)

Lady Clara 3rd
No. Vol.46 page 436

Owned by
Innes & May,
Granville Center,
Pa.

Yearly Record in Lbs.
Milk 10103.8

Lady Clara 2nd
No. Vol.46 page 436
Traces to
Hubback (319) to
Studley Bull (626)

Joe Johnson
No. 98764

Kitty Clay 3rd
No. Vol.30 page 677

Prince of Granville
No. 100109

Lady Clara
No. Vol.33 page 651

Conewango Lad 9th
No. 68880

Fillpail 3rd
No. (Vol.34 page 923)

Dick Turpin
No. 50740

Kitty Clay 2nd
No. Vol.21

Prince of Leona
No. 82858

Lassie 8th
No. Vol.19 page 14629

Count of Belvoir
No. 43184

Laurinda
No. Vol.21 page 16574

Bell Duke of Vinswood
No. 31788
Conewango 9th
No. (Vol.30)

senor Clay
No. 71746
Fillpail 2nd
No. (Vol.30 page 882)

3rd Marquis of Bute
No. 33199
Maid of Orleans
No. Vol. 13 page 765

Duke of Jamestown
No. 32295
Kitty Clay
No. Vol.21

Roan Duke
No. 33700
Airella
No. Vol.15 page 420

Prince of Oxford 2nd
No. 36635
Lassie 5th
No. Vol. 15

7th Lord of Oxford
No. 17586
4th Countess of Belvoir
No.

Duke of Yates 17th
No. 29430
White Rose
No. Vol.17

14th Duke of Airdrie
No. 7872
Bell Duchess
No. Vol.15
3rd Senor of Fairview
No. 20948
Conewango
No. (Vol.15)
3rd Senor of Fairview
No. (Vol.30)
Fillpail
No. (Vol.30)
Kianione
No. 26953
Fillpail
No. (Vol.30)
4th Duke of Goodness
No. 9848
Imp. Lady Adela
No. Vol.11 page 754
General Grant
No. 21567
Lady Clara
By Favourite 12757
Quickstep
No. 24473
Maud
No. Vol.15
3rd Senor of Fairview
No. 20948
Kitty Clyde 2nd
No. Vol.21
13th Duke of Airdrie
No. 5535
Roan Duchess 2nd
By Treble Gloster 7331
Andy
No. 5319
Filagree 3rd
By Dockingham 2720
Prince Oxford
No. 12680
Bessie Bell
No. Vol.12 By Tompkins 11074
Monarch 3rd
No. 24060
Lassie 2nd
By Maximillian 15226
2nd Duke of Onida
No. 9926
2nd Maid of Oxford
By Grand Duke of Oxford (16184)
22nd Duke of Airdrie
No. 16695
Campaspe 2nd
By 4th Grand Duke of Oxford 5734
Lord Gordon
No. 17566
Belle of Yates 2nd
Vol.17 By Red Jacket 15295
Clifton Hero
No. 9646
Ceres
Vol.18 By Ranger 28348

Red & Little White
Calved - Jan.10,1899

Bred by
Mr. Preece,
England.

Scottish Beau
No. (49552)
Traces to
Hubback (319) to
Studley Bull (626)

Fairy Duchess 19th
No. (Vol.46 page 725)
(As Produce)

Owned by
Lord Rothschild,
England.

Yearly Record in Lbs.
Milk 10,143

Fairy Duchess 13th
No. (Vol.46 page 725)
Traces to
Hubback (319) to
Studley Bull (626)

Scottish Archer
No. (59893)

Missie 112th
No.

Major
No. (59419)

Fairy Duchess 9th
No.

Cumberland
No. (46144)

Surmise
No.

William of Orange
No. (50694)

Missie 76th
No.

Field Marshal
No. (47870)

Molly Lind 2nd
No.

Rissington Prince
No. (59760)

Fairy Duchess 8th
No.

Pride of the Isles
No. (35072)
Custard
No.

Pride of the Isles
No. (35072)
Surmise
No.

Roan Gauntlet
No. (35284)
Orange Blossom 21st
No.

Bentick
No. (42787)
Missie 52nd
No.

Roan Gauntlet
No. (35284)
Azalia
No.

Goldfinder
No. (47967)
Molly Lind
No.

Rissington Lad 5th
No. (56411)
Pink 54th
No.

Duke of Oxford 50th
No. (43121)
Violet
No.

Scotland's Pride
No. (25100)
Golden Days
By Lord Raglan (13244)
Royal Duke of Gloster
No. (29864)
Princess Royal
By Champion of England (17526)
Scotland's Pride
No. (25100)
Golden Days
By Lord Raglan (13244)
Champion of England
No. (17526)
Superb
By The Czar (20947)
Royal Duke of Gloster
No. (29864)
Princess Royal
By Champion of England (17526)
Caesar Augustus
No. (25704)
Orange Blossom 14th
By Knight of the Whistle (26558)
Heir of Englishman
No. 24122
Bessie 6th
By Young Pacha (20457)
Heir of Englishman
No. (24122)
Missie 30th
By Macduff (26773)
Royal Duke of Gloster
No. (29864)
Princess Royal
By champion of England (17526)
Caesar Augustus
No. (25704)
Anemone
By Forth (17866)
Sir Arthur Ingram
No. (32490)
Princess Flora
By Alfred the Great (16121)
Knickerbocker
No. (38510)
Jenny Lind 6th
By Prince of Wales (24847)
Prize Winner
No. (51938)
Rocking Girl
By Duke of Cambridge (33587)
Earl of Banbury 10th
No. (51173)
Pink 54th
By Oriental Prince (42072)
Duke of Gloster 7th
No. (39735)
Grand Duke of Oxford 32nd
By 5th Duke of Weatherby (31033)
The Bursar
No. (35742)
Daffodil
By Duke of Oxford 11th (19632)

Red & Little White
Calved - Dec. 1st, 1899

Bred by
J. & D. P. Lozonby
England.

Red Chief
No. (73362)

Traces to
Hubback (319) to
Studley Bull (626)

Peeress 16th
No. (Vol. 49 page 849)

Owned by
Silcock & Sons
England.

Yearly Record in Lbs.
Milk..... 10,189

Peeress 9th
No.

Traces to
Hubback (319) to
Studley Bull (626)

British Chief
No. (66748)

Hannah Teasdale
No.

Forest Giant
No. (64039)

Peeress 7th
No.

Asterisk
No. (62094)

British Belle
No.

Master of Teasdale
No. (59458)

Honesty
No.

Mighty Oak
No. (59404)

Victress
No.

Fantail Duke 2nd
No. (52862)

Peeress 5th
No.

Star of Morning
No. (58189)

Actress
No.

Self Esteem 3rd
No. (55027)

Matchless 17th
No.

Chief Justice
No. (54098)

Harmony 3rd
No.

Fairy Duke 4th
No. (52857)

Veil
No.

Self Esteem 2nd
No. (48675)

Vestal
No.

Cherry Duke of Holker
No. (42921)

Duchess Fantail 3rd
No.

Major
No. (51700)

Peeress 5th
No.

Rising Star
No. (54920)
Baroness 6th
By Field Marshal (47870)
Actor
No. (45840)
Moral
By Dr. A. Duff (46167)
Rising Star
No. (54920)
Daisy Flower
By Grey Friar (46466)
Sir Arthur Farewell
No. (52149)
British Beauty
By Rear Admiral (37310)
Self Esteem 2nd
No. (48675)
Derwent Queen 2nd
By Sir Arthur Ingram (32490)
Braiton's Winacoe
No. (41127)
Matchless 16th
By Wild Eyes Duke (36007)
Ingrams Chief
No. (51423)
Purity
By Duke of Howl John (33674)
Golden Treasure
No. (51346)
Harmony
By Sir Arthur Windsor (35541)
Duke of Oxford 50th
No. (43121)
Violet
By The Bursar (35742)
Duke of Terasia 4th
No. (43076)
Vestibule
By Chaser (37970)
Hovingham
No. (43363)
Trusty Lass
By Sir Robin (40720)
Robert Stephenson
No. (32313)
Victrix
By Sir Eghart (27462)
Duke of Gloster 7th
No. (39735)
Cherry Duchess of Hillhurst
By 3rd Duke of Hillhurst (30975)
Duke of Oxford 34th
No. (36529)
Parlight
By Cherry Grand Duke 5th (30712)
Sir Lionel Windsor
No. (47108)
Bright Duchess
By Bright Duke (37893)
Sir Lionel Windsor
No. (47108)
Peeress
By Royal Windsor (43973)

Roan

Calved - Sept.12, 1900

Bred by
Mr. Geo. Taylor,
Cranford, Middlesex,
England.

Duke of Cumberland 10th
No. (72895)

Traces to
J. Brown's Red Bull(97)
to Studley Bull (626)

Oxford Ada

No. (Vol.49 page 905)

Owned by
G.R.W. Adeane,
Babraham Hall,
Cambridge, England.

Yearly Record in Lbs.
Milk 10,200

Oxford Duchess of Calthwaite
31st
No.

Traces to
J. Brown's Red Bull(97)
to Studley Bull (626)

Oxford Duke of Calthwaite
33rd
No. (69214)

Duchess of Cumberland
No.
Duchess of Whittlebury 19th
No.

Oxford Duke of Calthwaite
32nd
No. (69213)

Oxford Duchess of Calthwaite
11th
No.

Kirksanton
No. (65735)

Oxford Duchess of Calthwaite
10th
No.

Thorndale Duke of York 2nd
No. (61992)

Duchess of Whittlebury 19th
No.

Kirksanton
No. (65735)

Oxford Duchess of Calthwaite
8th
No.

Duke of Waterloo 11th
No. (57231)

Oxford Grand Duchess 2nd
No.

Oxford Earl Waterloo
No. (57831)
Baroness Kirklevington
No.

Duke of Stroxton
No. (54221)
Oxford Duchess of Calthwaite
3rd
No.

Duke of Stroxton
No. (54221)

Thorndale Rose 29th
No.

Duke of Rosedale 12th
No. (46268)

Duchess of Whittlebury 19th
No.

Oxford's Earl Waterloo
No. (57831)

Baroness Kirklevington
No.

Duke of Stroxton
No. (54221)

Oxford Duchess of Calthwaite
2nd
No.

Duke of Somerset
No. (49485)

Waterloo Maid 3rd
No.

Duke of Saxony
No. (51149)

Grand Duchess of Oxford 5th
No.

Duke of Oxford 69th
No. (49475)
Grand Waterloo 4th
By Duke of Oxford 27th(33709)
Duke of Rosedale 19th
No. (49479)
Countess of Kirklevington 7th
By Lord Oxford 14th (49959)
Lord Underley Barrington
No. (51664)
Thorndale Rose 7th
By Duke of Oneida 6th(30997)
Duke of Holker 7th
No. (49456)
Grand Duchess of Oxford 39th
By Baron Oxford 7th (36199)
Lord Underley Barrington
No. (51664)
Thorndale Rose 7th
By Duke of Oneida 6th (30997)
Grand Duke 41st
No. (46439)
Thorndale Rose 5th
By Grand duke 17th (24064)
Duke of Connaught
No. (33604)
Thorndale Rose 5th
By Grand Duke 17th (24064)
Duke of Cornwall 4th
No. (47726)
Duchess of Whittlebury 4th
By Duke of Connaught (33604)
Duke of Oxford 69th
No. (49475)
Grand Waterloo 4th
By Duke of Oxford 27th (33709)
Duke of Rosedale 19th
No. (49479)
Countess of Kirklevington 7th
By Lord Oxford 14th (49959)
Lord Underley Barrington
No. (51664)
Thorndale Rose 7th
By Duke of Oneida 6th(30997)
Baron Oxford 8th
No. (41057)
Grand Duchess of Oxford 39th
By Baron Oxford 7th (36199)
Grand Duke 30th
No. (36373)
Duchess 117th
By Marquis of Oxford 2nd(37055)
Duke of Oxford 48th
No. (41415)
Waterloo 32nd
By Grand Duke of Lighthurne 2nd
(26291)
Duke of Cornwall 4th
No. (47726)
Duchess of Hindlip 3rd
By 3rd Duke of Hillhurst(30975)
Baron Oxford 12th
No.(45926)
Grand Duchess of Oxford 45th
By Duke of Westerby 5th(31093)

Red & Little White
Calved - Aug. 21, 1896

Bred by
J.K. Innes,
Binghamton, N.Y.

Henry Clay
No. 112291
Traces thru
Mate Clay Cow by
Don John 426
to R. Alcock's Bull (19)

Eleanor Lee 2nd
No. Vol. 41 page 551

Owned by
Innes & May,
Granville Center,
Pa.

Yearly Record in Lbs.
Milk 10,285.4

Eleanor Lee
No. Vol. 40 page 637
Traces thru
Hubback (319) to
Studley Bull (626)

Joe Johnson
No. 98764

Kitty Clay 3rd
No. Vol. 30 page 677

Henry Clay
No. 112291

Nancy Lee
No. Vol. 38 page 482

Conewango Lad 9th
No. 68880

Fillpail 3rd
No. (Vol. 34 page 923)

Dick Turpin
No. 50740

Kitty Clay 2nd
No. Vol. 21

Joe Johnson
No. 98764

Kitty Clay 3rd
No. Vol. 30 page 677

Crown Prince
No. 96939

11th Gwynne of Riverside
No. Vol. 19 page 14545

Bell Duke of Vinewood
No. 31788

Conewango 9th
No. (Vol. 30)

Senor Clay
No. 71746

Fillpail 2nd
No. (Vol. 30 page 882)

3rd Marquis of Bute
No. 33199

Maid of Orleans
No. Vol. 31 page 765

Duke of Jamestown
No. 32295

Kitty Clay
No. Vol. 21

Conewango Lad 9th
No. 68880

Fillpail 3rd
No. (Vol. 34 page 933)

Dick Turpin
No. 50740

Kitty Clay 2nd
No. Vol. 21

Heir Apparent
No. 92799 (52994)

Countess
No. Vol. 28 page 425

Monarch Gwynne
No. 17771

Medora Gwynne
No. Vol. 14

14th Duke of Airdrie
No. 7879
Bell Duchess
No. Vol. 15
3rd Senor of Fairview
No. 20948
Conewango
No. (Vol. 15)
3rd genor of Fairview
No. (Vol. 30)
Fillpail
No. (Vol. 30)
Kiantone
No. 26953
Fillpail
No. (Vol. 30)
4th Duke of Goodness
No. 9848
Imp. Lady Adela
No. Vol. 11 page 754
General Grant
No. 21567
Lady Clare
No. By Favorite 19757
Quickstep
No. 24473
Maud
No. Vol. 15
3rd Senor of Fairview
No. 20948
Kitty Clyde 2nd
No. Vol. 21
Bell Duke of Vinewood
No. 31788
Conewango 9th
No. Vol. 30
Senor Clay
No. 71746
Fillpail 2nd
(No Vol. 30 page 882)
3rd Marquis of Bute
No. 33199
Maid of Orleans
No. Vol. 13 page 765
Duke of Jamestown
No. 32295
Kitty Clay
No. Vol. 21
Dunblane
No. 65995
Serenity
No. By Barnpton 45246
Duke Cumberland
No. 59590
Imp. Farewell
No. Vol. 28 page 425
Marquis of Geneva
No. 10451
Governess 10th
No. By Monarch 8647
Lord Ellington
No. 3087
Medora 3rd
No. By James Buchanan 20049

Red
Calved - Feb. 27, 1903

Bred by
J.K. Innes,
Binghampton, N.Y.

Bell Boy 2nd
No. 162088
Traces thru
Favourite (252) thru
Imp.Princess by Son of
Lancaster (360) to
Hubback (319) to
Studley Bull (626)

Henrietta Clay 2nd
No. Vol. 66 page 782

Owned by
J.K. Innes,
Binghampton, N.Y.

Yearly Record in Lbs.
Milk 10286.7

Henrietta Clay
No. Vol. 40 page 637
Traces thru
Mate Clay Cow by Don John
426
to R .Alcock's Bull (19)

Kirkwood Clay
No. 122937

Belle 2nd
No. Vol. 31 page 798

Henry Clay
No. 112291

Mamie Clay
No. Vol. 40 page 637

Roan Clay 4th
No. 105174

Kitty Clay 3rd
No. Vol. 30 page 677

Quickstep
No. 24473

Belle
No. Vol. 20 page 15482

Kitty Clay 3rd
No. Vol. 30 page 677

Joe Johnson
No. 98764

Kitty Clay 4th
No. Vol. 22 page 553

Joe Johnson
No. 98764
Betsy 7th
No. Vol. 35 page 925

Dick Turpin
No. 50740
Kitty Clay 2nd
No. Vol. 21

Star of Hope
No. 12968

Beauty
No. Vol. 13

Fairview
No. 26542

Queen
No. Vol. 13 page 372

Conewango Lad 9th
No. 68880

Joe Johnson
No. 98764

Dick Turpin
No. 50740

Kitty Clay 2nd
No. Vol. 21

Conewango Lad 9th
No. 68880

Joe Johnson
No. 98764

Dick Turpin
No. 50740

Kitty Clay 2nd
No. Vol. 21

Conewango Lad 9th
No. 68880
Fillpail 3rd
No. (Vol. 34 page 923)
Conewango Lad 9th
No. 68880
Betsy 3rd
No. Vol. 30 page 882
3rd Marquis of Bute
No. 33199
Maid of Orleans
No. Vol. 13 page 765
Duke of Jamestown
No. 32295
Kitty Clay
No. Vol. 21
Marcus of Geneva
No. 10451
Hope 17th
By Monarch 8647
Defiance
No. 11617
Jessie
By Alfred 4546
Young Rover
No. 15784
3rd Duchess of Plumwood
No. Vol. 8
Trojan
No. 13052
Otisca
By Gloster 1970
Bell Duke of Vinewood
No. 31788
Conewango 9th
No. (Vol. 30)
Senor Clay
No. 71746
Fillpail 2nd
No. (Vol. 30 page 882)
3rd Marquis of Bute
No. 33199
Maid of Orleans
No. Vol. 13 page 765
Duke of Jamestown
No. 32295
Kitty Clay
No. Vol. 21
Bell Duke of Vinewood
No. 31788
Conewango 9th
No. (Vol. 30)
Senor Clay
No. 71746
Fillpail 2nd
No. (Vol. 30 page 882)
3rd Marquis of Bute
No. 33199
Maid of Orleans
No. Vol. 13 page 765
Duke of Jamestown
No. 32295
Kitty Clay
No. Vol. 21

Red & Little White
Calved - Sept.14, 1895

Bred by
Fresley H. Smith,
Barlow, Ohio.

John Clay
No. 112502
Traces to
Mate Clay Cow by Don
John 426 .
Bred by Henry Clay Jr. ,
Kentucky from his imported
stock. to
R. Alcock's Bull (19)

Lizzie Clay
No. Vol.43 page 1079

Owned by
Innes & May,
Granville Center,
Pa.

Yearly Record in Lbs.
Milk 10322.4

Lady Ormiston 2nd
No. Vol. 43 page 1032
Traces to
Jennie, an Imported Short
horn cow. Imported by H.
Hills into N.Y. 1822.

Joe Johnson
No. 28764

Fillpail 7th
No. Vol.35 page 925

Ormiston
No. 132254

Lady Fairfield 13th
Vol 35 page 820

Conowango Lad 9th
No. 68880

Fillpail 3rd
No. Vol.34 page 923

Conowango Lad 9th
No. 68880

Fillpail 4th
No. Vol.34 page 923

Creampot's Prince
No. 91201

Lady Fairfield 11th
No. Vol. 33 page 870

Jumbo
No. 60155

Lady Fairfield 3th
No. Vol.33 page 870

Bell Duke of Vinewood
No. 31788
Conowango 9th
No. Vol. 30

Senor Clay
No. 71746
Fillpail 2nd
No. Vol. 30 page 882

Bell Duke of Vinewood
No. 31788
Conowango 9th
No. Vol. 30

General Clyde
No. 66181
Fillpail 2nd
No. Vol.30 page 882

Prince Gwynne 4th
No. 57571
Creampot 25th
No. Vol. 34

9th Duke of Lebanon
No. 47980
Lady Fairfield 6th
No. Vol. 28 page 920

Beverwick 2nd
No. 58948
Creampot 21st
Vol. 27

9th Duke of Lebanon
No. 47980
Lady Fairfield
No. Vol.23 page 17905

14th Duke of Airdrie
No. 7879
Bell Duchess
No. Vol. 15
3rd Senor of Fairview
No. 20948
Conowango
No. Vol. 15
3rd Senor of Fairview
No. 20948
Fillpail
No. Vol. 30
Kiantone
No. 26953
Fillpail
No. Vol.30
14th Duke of Airdrie
No. 7879
Bell Duchess
No. Vol. 15
3rd Senor of Fairview
No. 20948
Conowango
No. Vol. 15
Braceville Lavanjo
No. 22219
Kitty Clyde
No. Vol. 13
Kiantone
No. 26953
Fillpail
No. Vol. 30
2nd Prince Gwynne
No. 44643
Princess Pine
No. Vol.17 page 13111
Beverwick 2nd
No. 90505
Creampot 23rd
No. Vol. 27 page 841
Gwynne's Duke
No. 35721
Lady Jane 16th
No. Vol. 14
Prince of Fairfield
No. 46795
Lady Fairfield
No. Vol. 14 page 616
Harry S
No. 59986
Creampot 21st
No. Vol.27 By Beverwick
1899C
Beverwick
No. 18990
Creampot 15th
No. Vol. 15 page 478
Gwynne's Duke
No. 35721
Lady Jane 16th
No. Vol. 14 By Royal Britain
15393
Prince of the Realm
No. 20698
Lady Fairfield
No. Vol.14 By Barlow 18911

Red - Calved June 20, 1898

Bred by
 Samuel W. Roberts
 Pleasant Green, Mo.

Florence Airdrie 6th

No. Vol. 49 page 725

Owned by
 Nebraska Experiment
 Station.

Florence Airdrie 3rd

No. Vol. 44 page 856

Yearly Record in Lbs.

Milk ----- 10,438

Butter-fat ---

Butter --- 494.9

4 year av.

Butter ----- 440.92 #

Traces to
 Hubback (319) to
 Studley (626)

Barbarian	No. 117934	Barbarossa	No. 68197	Cumberland	No. 50626 (46144)	Pride of the Isles	No. (35072)
Scotch Seal	No. 132519	Oakland Chief	No. 36352	Barmpton Spray	No. (Vol. 29 page 400 E)	Gustard	No. (Vol. 25 page 410 E)
Traces thru Imp. Young Phyllis thru Favourite (252) to Hubback (319) to Studley (626)		Phyllissia 16th	No. Vol. 40 page 866	Imp. Rowfant Duke of Oxford	No. 42489	Caesar Augustus	No. (25704)
		Phyllissia 15th	No. Vol. 40 page 866	2nd. Rowfant Oxford	No. Vol. 21 page	Barmpton's Florence	No. 28549
		Sharon Airdrie	No. 121112	Imp. Duke of Richmond	No. Vol. 21 page	2nd. Duke of Underley	No. (36551)
		Cambridge Rose Barrington	No. Vol. 35 page 866	No. 21525		Rowfant Oxford	No. (Vol. 23 page 526 E)
		Florence Airdrie 2nd	No. Vol. 42 page 1020	2nd. Phyllis of Geneva		Baron Percy	No. 28549
		Florence 7th	No. Vol. 40 page 864	No. Vol. 14		Craggs 3rd.	No. Vol. 21
				Grand Duke of Waterloo		Lord St. Leonard's	No. 21652
				No. 51878		Fanny	
				Webbie		Geneva's Airdrie	No. 19839
				No. Vol. 25 page 609		Twin Phyllis	
				Oxford Duke of Airdrie		Lord Wildrake	No. 52509
				No. 71047		Waterloo 42nd.	No. (Vol. 27 page 348 E.H.R.)
				Grand Duke of Airdrie		Airdrie of Sycamore	No. 45309
				No. 86800		Phyllissia 12th	No. Vol. 25
				Grand Duchess of Barrington		Oxford of Vinewood 3rd.	No. 33427
				6th		10th Duchess of Airdrie	No. Vol. 25 page 1288
				No. Vol. 24 page 18549		Imp. Rowfant Duke of Oxford 2nd.	No. 42489
				7th Duke of Barrington		Imp. Viscountess Barrington 2nd	No. Vol. 21
				No. 50881		26th Duke of Airdrie	No. 34973
				Cambridge Rose 5th		Baroness 14th	No. Vol. 25
				No. Vol. 35 page 866		14th Duke Thorndale	No. 8031
				Oxford Duke of Airdrie		Miss Stonewall Jackson	No. Vol. 7 page 107
				No. 71047		Oxford of Vinewood 3rd	No. 33427
				Grand Duke of Airdrie		10th Duchess of Airdrie	No. Vol. 25 page 1288
				Grand Duchess of Barrington		Imp. Rowfant Duke of Oxford 2nd	No. 42489
				6th		Imp. Viscountess Barrington 2nd	No. Vol. 21
				No. Vol. 24 page 18549		Imp. Duke of Richmond	No. 21525
				Oakland Chief		2nd Phyllis Geneva	No. Vol. 14
				No. 36352		Oxford 2nd	No. 46701
				Florence		Louviner	No. Vol. 23
				No. Vol. 40 page 864			

Red & Little White.

Calved - May 4, 1896

Bred by

Innes & May

Granville Center,

Pa.

Henry Clay

No. 112291

Traces to

Mate Clay Cow by Don John 426
to R. Alcock's Bull (19)

Kitty Clay 3rd

No. Vol. 30 page 677

Jennie Lee

No. Vol. 41 page 551

Owned by

Innes & May,

Granville Center,

Pa.

Yearly Record in Lbs.

Milk 10484.9

Av. Yearly Record for
6 years

Milk 9014

Nangy Lee

No. Vol. 38 page 482

Traces thru
Favourite (252) to
Studley Bull (626)

11th Gwynne of Riverside

No. Vol. 19 page 14545

Conewango Lad 9th

No. 68280

Fillpail 3rd

No. (Vol. 34 page 923)

Dick Turpin

No. 50740

Kitty Clay 2nd

No. Vol. 21

Heir Apparent

No. 92799 (52994)

Crown Prince

No. 96939

Countess

No. Vol. 28 page 425

Monarch Gwynne

No. 17771

Medora Gwynne

No. Vol. 14

Bell Duke of Vinewood

No. 31788

Conewango 9th

No. (Vol. 30)

Senor Clay

No. 71746

Fillpail 2nd

No. (Vol. 30 page 882)

3rd Marquis of Rute

No. 33199

Maid of Orleans

No. Vol. 13 page 765

Duke of Jamestown

No. 32295

Kitty Clay

No. Vol. 21

Dunblane

No. 65995

Serenity

No.

Duke of Cumberland

No. 58590

Imp. Farewell

No. Vol. 28 page 425

Marquis of Geneva

No. 10451

Governess 10th

No.

Lord Ellington

No. 3087

Medora 3rd

No.

14th Duke of Airdrie
No. 7879

Bell Duchess
No. Vol. 15

3rd Senor of Fairview
No. 20948

Conewango
No. (Vol. 15)

3rd Senor of Fairview
No. (Vol. 30)

Fillpail
No. (Vol. 30)

Kiantone
No. 26953

Fillpail
No. (Vol. 30)

4th Duke of Goodness
No. 9848

Imp. Lady Adela
No. Vol. 11 page 754

General Grant
No. 21567

Lady Clara
No. By Favorite 19757

Quickstep
No. 24473

Maud
No. Vol. 15

3rd Senor of Fairview
No. 20948

Kitty Clyde 2nd
No. Vol. 21

Roan Gauntlet
No. 45276

Duchess of Gloster 21st
No. Vol. 25 page 392

Barnpton
No. 45246

Souvenir
No. By Royal D. of Glasgow

Hubbock Jr.
No. (31395)

Belle of Burrel Green
No. (Vol. 21 page 798)

Roayl Westmoreland
No. (35416)

General's Daughter
No. (Vol. 25 page 590)

4th Duke of Geneva
No. 7931

Maid Marion 5th
No. By Albion 19209

Monarch
No. 8647

Governess
No. By Imp. Governor (12957)

Victor
No. 12268

Lady Ellington
No. By Broughton Hero (6611)

James Buchanan
No. 20049

Medora 2nd
No. By Usurper (13928)

Roan

Calved - July 20, 1899

Bred by

R.W.Ashburner

Conishead Grange,
England.

Imported in 1900 by

J.K. Innes,

Granville Center,

Pa.

Earl of Barrington 16th

No. (160780)

Traces to
R.Alcock's Bull(19)

Imported Conishead

Waterloo 11th

No.(Vol.48 page 341)

Owned by

Innes & May,

Granville Center,

Pa.

Earl of Barrington 7th

No. (160778)

Yearly Record in Lbs.

Milk10,557.9

Conishead Waterloo 4th

No.(Vol.45 page 297)

Traces Thru

Matchem Cow to

Hubback.(319) to

Studley (626)

Waterloo Rosa 3rd

No.

Barringtonian 4th

No. (160763)

Earl of Barrington 10th

No. (160779)

Barrington Lally 5th

No.

Grand Duke Winsome

No. (160787)

Barrington Express

No.

Duke of Barrington 7th

No.

Earl of Barrington 5th

No. (160777)

Earl of Barrington 7th

Lady Waterloo Barrington

No.

Lally Duke of Barrington

No. (160789)

Waterloo Rose

No.

Duke of Kirklevington 4th

No. (160775)

Claife Lally 2nd

No.

Cherry Duke of Holker 2nd

No. (61370)

Duke Lally 5th

No.

Oxford King

No. (151778)

Winsome Colleen

No. (Vol.29 page 566)

Clarence Duke

No. (156394)

Duke of Barrington 4th

No.

Barrington Emperor

No. (160762)

Duke Tregunter Barrington

No.

Waterloo Wild Eyes

No. (160797)

Duke Tregunter Barrington

No.

Duke of Cornwall 3rd

No. (160771)

Duchess Lally 6th

No.

Cambridge Duke 20th

No. (160766)

Lady Weatherby Waterloo

No. (Vol.22 page 347)

Grand Duke 47th

No. (160785)

Kirklevington Duchess 28th

By Baron Siddington 2nd(160761)

Count Surmise 2nd

No. (159788)

Claife Lally

By Earl of Kirklevington (159809)

Baron Oxford 9th

No. (42738)

Cherry Duchess of Hillhurst 3rd

By Duke of Hillhurst (30975)

Grand Duke of Kirklevington 4th

No. (42522)

Duchess of Lally 2nd

By Grand Duke of Kirklevington (51129)

Grand Duke 41st

No. (51865)

Queen of Oxford 2nd

By Duke of Cornwall 2nd(45253)

Duke of Connaught

No. (32234)

Winsome 9th

By Grand Duke 17th (24064)

Duke of Clarence 5th

No. (156409)

Acomb 4th

By Duke of Tregunter 5th(138696)

Tregunter

No. (138719)

Duchess of Northumberland 3rd

By Duke of Oxford & Glogster (28436)

Oxford King

No. (151778)

Lady York & Thorndale Bates 10th

By Grand Duke of Kirklevington 4th (49599)

Tregunter

No. (138719)

Duchess of Northumberland 2nd

By Earl Ducie 1st (156420)

Waterloo Count 2nd

No. (160796)

Baroness Wild Eyes 4th

By Laughton Duke 2nd(160790)

Tregunter

No. (138719)

Duchess of Northumberland 2nd

By Earl Ducie 1st (156420)

Grand Duke of Airdrie

No. (32759)

Imp.Duchess 117th

No(Vol.33 page 766)

Grand Duke of Kirklevington 4th

No. (49599)

Duchess of Lally 2nd

By Grand Duke of Kirklevington (51129)

Knight of Oxford 3rd

No. (38472)

Red Rose 11th

No. (26416)

Duke of Weatherby 5th

No. (26416)

Grand Waterloo 2nd

By Oxford Beau 4th(27382)

Red & White
Calved - April 15, 1899

Bred by
Joseph Strange,
Sullivan, Pa.

Royal Clay
No. 125582

Traces thru
Mate Clay Cow by
Don John 426 to
R. Alcock's Bull (19)

Paleface
No. Vol. 46 page 818

Owned by
Innes & May,
Granville Center,
Pa.

Yearly Record in Lbs.
Milk10619

Produced at St. Louis Test
in 1904
4766.9 # Milk in 120 Days.

Spotted Girl
No. Vol. 42 page 1000

Traces to
Hubback (319) to
Studley (626)

Henry Clay
No. 112291

Mamie Clay
No. Vol. 38 page 482

Rockford
No. 124629

Troy Girl
No. Vol. 34 page 941

Joe Johnson
No. 98764

Kitty Clay 3rd
No. Vol. 30 page 677

Joe Johnson
No. 98764

Kitty Clay 4th
No. Vol. 29 page 553

Pride of Granville
2nd
No. 109447

Roxie
No. Vol. 41

Oxford Boy 2nd
No. 48874

Lassie 8th
No. Vol. 19 page 14629

Conewango Lad 9th
No. 68880

Fillpail 3rd
No. (Vol. 34 page 923)

Dick Turpin
No. 50740

Kitty Clay 2nd
No. Vol. 21

Conewango Lad 9th
No. 68880

Fillpail 3rd
No. (Vol. 34 page 923)

Dick Turpin
No. 50740

Kitty Clay 2nd
No. Vol. 21

Pride of Granville
No. 88521

Jennie 4th
No. Vol. 37 page 619

Lord Barrington of Erie
8th
No. 70566

Dulcibella
No. Vol. 18 page 13649

Oxford Boy
No. 30501

Soldana
No. Vol. 24

Prince of Oxford 2nd
No. 36605

Lassie 5th
No. Vol. 15

Bell Duke of Vinewood
No. 7879
Conewango 9th
No. (Vol. 30)
Senor Clay
No. 71746
Fillpail 2nd
No. (Vol. 30 page 882)
3rd Marquis of Bute
No. 33199
Maid of Orleans
No. Vol. 13 page 765
Duke of Jamestown
No. 32295
Kitty Clay
No. Vol. 21
Bell Duke of Vinewood
No. 31788
Conewango 9th
No. (Vol. 30)
Senor Clay
No. 71746
Fillpail 2nd
No. (Vol. 30 page 882)
3rd Marquis of Bute
No. 33199
Maid of Orleans
No. Vol. 11 page 854
Duke of Jamestown
No. 32295
Kitty Clay
No. Vol. 21
Knightley Duke 3rd
No. 46398
Niobe
No. Vol. 19 page 14733
Roan Chief
No. 67492
Jennie 2nd
No. Vol. 20 page 15739
Grand Duke of Connaught
No. 56303
Imp. Lady Oxford Barrington
No. Vol. 20 page 15823
Lord Gordon
No. 17566
Arielle
No. Vol. 15 By Andy 5319
10th Earl of Oxford
No. 14161
Rosebud
No. Vol. 15 By George 14312
Roan Duke
No. 33700
Stella
No. By Lord Gordon 17566
Prince Oxford
No. 12680
Bessie Bell
No. Vol. 12
Monarch 3rd
No. 24060
Lassie 2nd
No. By Maximillian 15926

Red & Little White
Calved - May 10, 1895

Bred by
William Thompson,
Barlow, Ohio.

John Clay
No. 112502
Traces thru
Don John 426 to
R. Alcock's Bull (19)

Lady Clara 13th
No. Vol.43 page 1079

Owned by
Innes & May,
Granville Center,
Pa.

Yearly Record in Lbs.
Milk 10811.1

She was 10 years old when
in the St. Louis Test in
1904 and gave 4948.7 lbs.
milk in 120 days.

Lady Clara 9th
No. Vol.39 page 758
Traces thru
Fansy by Blaize, to
Hubback, (319) to
Studley (626)

Joe Johnson
No. 98764
No. Vol.34 page 923

Fillpail 7th
No. Vol.35 page 925
No. Vol.34 page 923

Creampot's Prince
No. 91201
No. Vol.34

Lady Clara 7th
No. Vol.33 page 915
Lady Clara 4th
No. Vol.33

Conewango Lad 9th
No. 68880

Conewango Lad 9th
No. 68880

Prince Gwynne 4th
No. 57571

Creampot 25th
No. Vol.34

Jumbo
No. 60155

Lady Clara 2nd
No. Vol.23 page 17902

Bell Duke of Vinewood
No. 31788
Conewango 9th
No. Vol.30

Senor Clay
No. 71746
Fillpail 2nd
No. Vol.30 page 882

Bell Duke of Vinewood
No. 31788
Conewango 9th
No. Vol.30

General Clyde
No. 66181
Fillpail 2nd
No. Vol.30 page 832

Prince Gwynne 2nd
No. 44643
Princess Pine
No. Vol.17 page 13111

Beverwick 2nd
No. 90505
Creampot 23rd
No. Vol.27 page 841

Beverwick 2nd
No. 58948
Creampot 21st
No. Vol.27

9th Duke Lebanon
No. 47980
Lady Clara 2nd
No. Vol.23 page 17902

14th Duke of Airdrie
No. 7879
Bell Duchess
No. Vol.15
3rd Senor of Fairview
No. 20948
Conewango
No. Vol. 15
3rd Senor of Fairview
No. 20948
Fillpail
No. Vol.30
Kiantone
No. 26953
Fillpail
No. Vol.30
14th Duke of Airdrie
No. 7879
Bell Duchess
No. Vol. 15
3rd Senor of Fairview
No. 20948
Conewango
No. Vol. 15
Braceville Laxonjo
No. 22219
Kitty Clyde
No. Vol .13
Kiantone
No. 26953
Fillpail
No. Vol. 30
2nd Prince of Wolveston
No. 30707
3rd Gwynne of Riverside
By Monarch Gwynne 17771
Good Samaritan
No. 17201
Susan
No. Vol.13 By Royalist 11242
Harry S
No. 29986
Creampot 21st
No. Vol. 27 page 841
Harry S
No. 59986
Creampot 14th
No. Vol.14 page 478
Harry S
No. 59986
Creampot 21st
No. Vol.27 By Beverwick
18990
Beverwick
No. 18990
Creampot 15th
No. Vol.14 page 478
Gwynne's Duke
No. 35721
Lady Jane 16th
No. Vol.14 By Royal Briton
Prince of the Realm
No.20698
Lady Clara
No. Vol.12 By Thor 11065

Roan
Calved - Dec.3,1902

Bred by
Geo.Taylor,
Cranford, Middlesex,
England.

Dunstan
No.(80954)
Traces thru
Hubback (319) to
Studley Bull (626)

Waterloo Cranford 9th
No. (Vol.49 page 906)
(As Produce)

Owned by
Geo.Taylor,
Cranford, Middlesex,
England.
Yearly Record in Lbs.
Milk 10,861

Waterloo Cranford 5th
No.(Vol.49 page 906)
Traces to
Hubback (319) to
Studley Bull (626)

Duke of Chamberland 10th
No. (72395)

Darlington Somerset
No.

Duke of Cumberland 10th
No. (72395)

Lady Somerset Waterloo
4th
No.

Oxford Duke of Calthwaite
33rd
No. (69214)

Duchess of Cumberland
No.

Lord Somerset 10th
No. (48249)

Beauty of Darlington
No.

Oxford Duke of Calthwaite
33rd
No. (69214)

Duchess of Cumberland
No.

Lord Somerset 10th
No. (48249)

Lady Cambridge Waterloo
8th
No.

Kirksanton
No. (65735)
Oxford Duke of Calthwaite
10th
No.

Thorndale Duke of York 2nd
No. (61902)
Duke of Whittlebury 19th
No.

Wild Oxonian
No. (40927)
Winsome 20th
No.

Viscount Oxford of Elmhurst
No. (48892)
Duchess Darlington 5th
No.

Kirksanton
No. (65735)

Oxford Duchess of Calthwaite
10th
No.

Thorndale Duke of York 2nd
No. (61902)
Duchess of Whittlebury 19th
No.

Wild Oxonian
No. (40927)

Winsome 20th
No.

Cambridge Duke 20th
No. (54063)

Lady Oxford Waterloo 4th
No.

Oxford Earl Waterloo
No. (57831)
Baroness Kirklevington
By Duke of Rosedale 19th(49479)
Duke of Stroxtun
No. (54221)
Oxford Duchess of Calthwaite 3rd
By Duke of Holker 7th (49456)
Duke of Stroxtun
No. (54221)
Thorndale Rose 29th
By Grand Duke 41st (46439)
Duke of Rosedale 12th
No. (46268)
Duchess of Whittlebury 11th
By Duke of Cornwall 4th (47726)
Duke of Oxford 31st
No. (33713)
Wild Eyebright
By 6th Duke of Geneva (30959)
5th Duke of Weatherby
No. (31033)
Lady Bright Eyes 3rd
By 7th Duke of York (17754)
Airdria's Kirklevington Duke 3rd
No. (42652)
Countess of Oxford
By Baron Turncroft Oxford 4th
(37822)
Grand Duke 22nd
No. (34062)
Duchess of Darlington
By Duke of Tregunter 2nd(26022)
Oxford's Earl Waterloo
No. (57831)
Baroness Kirklevington
By Duke of Rosedale 19th(49479)
Duke of Stroxtun
No. (54221)
Oxford Duchess of Calthwaite 3rd
By Duke of Holker 7th (49456)
Duke of Stroxtun
No. (54221)
Thorndale Rose 29th
By Grand Duke 41st (46439)
Duke of Rosedale 12th
No. (46268)
Duchess of Whittlebury 11th
By Duke of Cornwall 4th (47726)
Duke of Oxford 31st
No. (33713)
Wild Eye Bright
By 6th Duke of Geneva (30959)
5th Duke of Weatherby
No. (31033)
Lady Bright Eyes 3rd
By 7th Duke of York (17754)
Knight of Oxford 3rd
No. (43441)
Red Rose 11th
By Oxford Duke (45237)
Viscount Oxford of Elmhurst
No. (48892)
Grand Waterloo 2nd
By Oxford Beau 4th (34964)

Red
Calved - April 25, 1901

Bred by
Geo. Taylor,
Cranford, Middlesex,
England.

Wild Boy
No. (78182)
Traces to
Hubback (319) to
Studley Bull (626)

Dorothy
No. (Vol. 48 page 798)
(As Produce)

Owned by
Geo. Taylor,
Cranford, Middlesex,
England.

Yearly Record in Lbs.
Milk 10,919

Darlington Cranford 4th
No. (Vol. 48 page 798)
Traces thru
Favourite (252) to
R. Alcock's Bull (19)

Rushton Duke
No. (73566)

Wild Queen 2nd

Lord Somerset Furbelow

Double Furbelow
No. (65855)

Darlington Cranford 4th

Darlington Cranford 2nd

Darlington Somerset

Invaluable
No. (65687)

Pancake
No.

Marquis of Kirklovington 3rd
No. (53277)

Wild Queen
No.

Lord Somerset 10th
No. (48249)

Double Furbelow
No.

Earl of Blagden
No. (62477)

Darlington Somerset
No.

Scottish Archer
No. (59893)
Veronica
No.

Bright Banner
No. (58553)
Pansy
No.

Grand Duke 34th
No. (41642)
Marchioness of Kirklovington 2nd
No.

Earl of Siddington 6th
No. (51189)

Wild Empress 3rd
No.

Wild Oxonian
No. (40927)

Winsome 20th
No.

Furbelow Duke 6th
No. (55767)

Furbelow Stanton 2nd
No.

Duke of Newport
No. (54211)

Winnie
No.

Lord Somerset 10th
No. (48249)

Beauty of Darlington
No.

Cumberland
No. (46144)
Surname
By Pride of the Isles (35072)
Pride of the Isles
No. (35072)
Violante
By Champion of England (17526)
Grovesand
No. (46461)
Barmaid
By Banner Bearer (49034)
Bridegroom
No. (70023)
Pride
By Baron Cossington (37784)
Duke of Underley
No. (33745)
Grand Duke 23rd
By Grand Duke 7th (19877)
20th Duke of Oxford
No. (28432)
Kirklovington Duke 9th
By Grand Duke of Clarence (28754)
Grand Duke of Gloster
No. (36721)
Fair Kirklovington
By Ingelman (36670)
Grand Duke of Worcester 2nd
No. (43323)
Wild Empress 2nd
By Baron Oxford 4th (25580)
Duke of Oxford 31st
No. (33713)
Wild Eye Bright
By 6th Duke of Geneva (30959)
5th Duke of Weatherby
No. (31033)
Lady Bright Eyes 3rd
By 7th Duke of York (17754)
Baron 16th
No. (49090)
Gratitude
By Grand Duke 34th (41642)
Wellesley 16th
No. (47242)
Charming Furbelow
By Duke of Charmingland 16th (41650)
Belmont
No. (50871)
Red Rosette
By Expectation (38264)
Oxford Swell 10th
No. (45310)
Margaret
By Ten Favourite (38342)
Wild Oxonian
No. (40927)
Winsome 20th
By 5th Duke of Weatherby (31033)
Viscount Oxford of Elmhurst
No. (48892)
Duchess Darlington 5th
By Grand Duke 22nd (34062)

White
Calved - Nov. 15, 1903

Bred by
Geo. Taylor,
Cranford, Middlesex,
England.

Waterloo Beau
No. (85039)

Traces to
Hubback (319) to
Studley Bull (626)

Darlington Cranford 15th
No. (Vol. 50 page 952)
(As Produce)

Owned by
Geo. Taylor,
Cranford, Middlesex,
England.
Darlington Cranford 6th
Yearly Record, in Lbs.
Milk 10,942

Traces to
Hubback (319) to
Studley Bull (626)

Beau Sabreur
No. (74049)

Lady Molly Waterloo
No.

Duke of Cumberland 10th
No. (72395)

Darlington Cranford 6th
No.

Darling
No.

Leonidas
No. (59260)

Beauty
No.

Lord Somerset 10th
No. (48249)

Lady Nottingham Waterloo
No.

Oxford Duke of Calthwaite
33rd
No. (69214)

Duchess of Cumberland
No.

Lord Somerset Furbelow
No. (65855)

Darlington Cranford 2nd
No.

Commandora
No. (54118)

Lovely 20th
No.

Duke of Charmingland 46th
No. (54196)

Bertha 15th
No.

Wild Oxonian
No. (40927)

Winsome 20th
No.

Royal Nottingham
No. (49834)

Lady Cambridge Waterloo
No.

Kirksanton
No. (65735)

Oxford Duchess of Calthwaite
10th
No.

Thorndale Duke of York 2nd
No. (61202)

Duchess of Whittlebury 10th
No.

Lord Somerset 10th
No. (48249)

Double Furbelow
No.

Earl of Blagdon
No. (62477)

Darlington Somerset
No.

Baron Violet
No. (47777)
Gustard
By Royal Duke of Gloster (29864)
Lord Lancaster
No. (26666)
Lovely 11th
By Allan (21172)
Duke of Barrington 10th
No. (43067)
Charming Duchess 12th
By Duke of Rothesay (26543)
Earl of Fawsley 3rd
No. (28506)
Bertha 5th
By Duke of Hazlecote 48th
(39742)
Duke of Oxford 31st
No. (33713)
Wild Eyebright
By 6th D. of Geneva (30959)
5th Duke of Weatherby
No. (31033)
Lady Bright Eyes 3rd
By 7th D. of York (17754)
Beau Cumbrian
No. (55361)
Molly Millicent
By Beau Benedict (42769)
Cambridge Duke 20th
No. (54063)
8th Lady Oxford Waterloo 4th
By Viscount Oxford of Elmhurst
(48892)
Oxford Earl Waterloo
No. (57831)
Baroness Kirklevington
By Duke of Rosedale 19th (49479)
Duke of Stroxtan
No. (54221)
Oxford Duke of Calthwaite 3rd
By Duke of Holker 7th (49456)
Duke of Stroxtan
No. (54221)
Thorndale Rose 29th
By Grand Duke 41st (46439)
Duke of Rosedale 12th
No. (46268)
Duchess of Whittlebury 11th
By Duke of Cornwall 4th (47726)
Wild Oxonian
No. (40927)
Winsome 20th
By Duke of Weatherby 5th
(31033)
Furbelow Duke 6th
No. (55767)
Furbelow Stanton 2nd
By Wellesley 16th (47242)
Duke of Newport
No. (54211)
Minnie
By Oxford Swell 10th (45310)
Lord Somerset 10th
No. (48249)
Beauty of Darlington
By Viscount Oxford of Elmhurst
(48892)

Roan
Calved - Oct. 14, 1890

Bred by
W. & J.T. Taylor,
Cranford, Middlesex,
England.

Ingram Swell
No. (57492)
Traces to
A Bull belonging to
B. Collings.

Moppy Gem 2nd
No. (Vol. 47 page 746)

Owned by
W. & J.T. Taylor,
Cranford, Middlesex,
England.

Yearly Record in Lbs.
Milk 10,973

Moppy Gem
No.
Traces to
A shorthorn Cow.

Ingram's Faith
No. (54468)

Lady Garth
No.

Grand Duke
No. (54388)

Moppy 4th
No.

Moppy's Favourite
No.

Royal Ingram
No. (50374)

Anemonia 2nd
No.

Prince Oxford
No. (45408)

Lady of the Valley
No.

Prince Oxford
No. (45408)

Wee Pet
No.

Royalty
No. (39059)

Monarch
No. (34867)

Moppy's Favourite
No.

Sir Arthur Ingram
No. (32490)
Harmony
No.

Sir Arthur Ingram
No. (32490)
Anemonia
No.

Prince Louis
No. (42189)
Lady of Nunwick 2nd
No.

Royalty
No. (39059)
Lady of the Dale
No.

Prince Louis
No. (42189)
Lady of Nunwick 2nd
No.

Earl of Nunwick
No. (43173)
Victoria 6th
No.

True Briton
No. (35823)
Flora
No.

Monarch
No. (34867)

A Shorthorn Cow

Sergeant Major
No. (29957)
Fragrance
By Mountain Chief (20383)
Sir Arthur Windsor
No. (35541)
Hannah
By Prince Arthur (29597)
Sergeant Major
No. (29957)
Fragrance
By Mountain Chief (20383)
Sir Arthur Windsor
No. (35541)
Anemonia
By Prince Arthur (29597)
Oxford's Prince
No. 34998
Lady Louisa's Duchess 6th
By 6th Duke of Oneida (30997)
Hubback Jr.
No. (31395)
Lady of Nunwick
By Lord of Nunwick (26702)
True Briton
No. (35823)
Flora
By General Lee 2nd (21819)
Lord Lyons
No. (26676)
Lady of the Dale
By Lord of the Dale (31719)
Oxford's Prince
No. 34998
Lady Louisa's Duchess 6th
By 6th Duke of Oneida (30997)
Hubback Jr.
No. (31395)
Lady of Nunwick
By Lord of Nunwick (26702)
Earl of Sheffield
No. (33812)
Lady of Nunwick 2nd
By Hubback Jr. (31395)
Royalty
No. 39059
Victoria 3rd
By Lord of Eris ley (34620)
Knight of the Shire
No. (26552)
Jessy Cardigan
By Majestic (22263)
General Lee 2nd
No. 21819
Miss Bland
By Gerabaldi 24008
2nd Duke of Bailes
No. (30930)
Gipsy Queen
By Grand Duke of Essex 5th (26286)

Roan - Calved Sept. 20, 1893

Bred by
Geo. Taylor

Cranford, Houndslow,
Middlesex, England.

Lord Somerset 10th
No. (48249)

Traces thru
Matchem Cow by Matchem
(2281)
to Hubback (319) to
Studley Bull (626)

Barrington Duchess 21st.

No. (Vol. 45 page 738 E.H.B.)

Owned by
Geo. Taylor
England.

Barrington Duchess 20th

Yearly Record in Lbs.

Milk----- 11,240

Traces thru
Matchem Cow by Matchem
(2281)

to Hubback (319) to
Studley Bull (626)

Wild Oxonian

No. (40927)

Winsome 25th

Cambridge Waterloo

No. (57013)

Barrington Duchess 11th

Duka Oxford 31st No. (33713)	Baron Oxford 4th No. (25580)	7th Duke of York No. (17754) Lady Oxford 5th No.
	Grand Duchess of Oxford 11th	Grand Duke 10th No. (21848) Grand Duchess Oxford 5th
Wild Eyebright	6th Duke of Geneva No. (30959)	Baron of Oxford No. (23371) 4th Duchess of Geneva
	Wild Eyes Duchess	Grand Duke 9th No. (19879) Wild Eyes 19th
	3rd Duke of Wharfedale No. (21619)	2nd Duke of Wharfedale No. (19649) Duchess 86th
5th Duke of Weatherby No. (31033)	Duchess 92nd.	4th Duke of Oxford No. (11387) Duchess 84th
	Lady Bright Eyes 3rd.	6th Duke of Oxford No. (12765) Duchess 69th
	Bright Eyes 2nd.	Royal Butterfly 3rd No. (18754) Bonny- by Oxford Duke (15036)
	Cambridge Duke 20th No. (54063)	3rd. Duke of Collingham No. (38134) Grand Duchess of Moracambe
	Red Rose 11th	Oxford Duke No. (45297) Red Rose 10th No.
	Viscount Oxford of Elmhurst No. (48892)	Airdrie's Kirkclavinton Duke 3rd No. (24652) Countess of Oxford
Lady Oxford Waterloo 3rd	Lady Weatherby Waterloo	Duke of Weatherby 5th No. (31033) Grand Waterloo 2nd No.
	Duke of Aveland No. (41355)	Duke of Underley No. (33743) Kirkclavinton Duchess 2nd No.
Laughton Duke 5th No. (51512)	Duchess of Laughton 3rd	Kildare No. (41748) Duchess of Kirkclavinton Geneva
	Lord Darlington 19th No. (45077)	Duke of Conaught No. (32604) Darlington 25th No.
Barrington Duchess 5th	Oxford Duchess 13th	Baron Oxford 2nd No. (23376) Oxford Duchess 5th By Baron Oxford 2nd (23376)

Red
Calved - Sept. 13, 1897

Bred by
Innes & May,
Granville Center, Pa.

Cecil Palmer
No. 133376
Traces thru
Mate Clay Cow by Don John
426
to R. Alcock's Bull (19)

Columbia Clay
No. 105174

Luxia Clay
No. Vol. 39 page 508

Red Bird
No. Vol. 43 page 762

Owned by
Innes & May,
Granville Center,
Pa.

Yearly Record in Lbs.
Milk 11279

Henrietta Clay
No. Vol. 40 page 637
Traces thru
Mate Clay Cow by Don John 426
to R. Alcock's Bull (19)

Henry Clay
No. 112291

Mamie Clay
No. Vol. 38 page 482

Roan Clay 4th
No. 105174

Kitty Clay 4th
No. Vol. 29 page 553

Kellogg's Kirklevington
No. 108563

Kitty Clay 3rd
No. Vol. 30 page 677

Joe Johnson
No. 98764

Kitty Clay 3rd
No. Vol. 30 page 677

Joe Johnson
No. 98764

Kitty Clay 4th
No. Vol. page 553

Joe Johnson
No. 98764

Betsy 7th
No. Vol. 35 page 925

Dick Turpin
No. 50740

Kitty Clay 2nd
No. Vol. 21

Duke of Kirklevington 6th
No. 85862

Red Rose 4th
No. Vol. 24 page 18752

Dick Turpin
No. 50740

Kitty Clay 2nd
No. Vol. 21

Conewango Lad 9th
No. 68880

Fillpail 3rd
No. (Vol. 34 page 923)

Dick Turpin
No. 50740

Kitty Clay 2nd
No. Vol. 21

Conewango Lad 9th
No. 68880

Fillpail 3rd
No. (Vol. 34 page 923)

Dick Turpin
No. 50740

Kitty Clay 2nd
No. Vol. 21

Conewango Lad 9th
No. 68880
Fillpail 3rd
No. Vol. 34 page 923
Conewango Lad 9th
No. 68880
Betsy 3rd
No. Vol. 30 page 882
3rd Marquis of Bute
No. 33199
Maid of Orleans
No. Vol. 31 page 765
Duke of Jamestown
No. 32295
Kitty Clay
No. By 3rd Senor of Fairview
4th Duke of Clarence 20948
No. 26188
Imp. Kirklevington 19th
No. Vol. 16 page 12128
Belle's Duke of Airdrie
No. 47466
Red Rose 2nd
No. Vol. 24
3rd Marquis of Bute
No. 33199
Maid of Orleans
No. Vol. 13 page 765
Duke of Jamestown
No. 32295
Kitty Clay
No. By 3rd Senor of Fairview
Bell Duke of Vinewood 20948
No. 31788
Conewango 9th
No. (Vol. 30)
Senor Clay
No. 71746
Fillpail 2nd
No. (Vol. 30 page 882)
3rd Marquis of Bute
No. 33199
Maid of Orleans
No. Vol. 11 page 854
Duke of Jamestown
No. 32295
Kitty Clay
No. Vol. 21
Bell Duke of Vinewood
No. 31788
Conewango 9th
No. (Vol. 30)
Senor Clay
No. 71746
Fillpail 2nd
No. (Vol. 30 page 882)
3rd Marquis of Bute
No. 33199
Maid of Orleans
No. Vol. 11 page 854
Duke of Jamestown
No. 32295
Kitty Clay
No. Vol. 21

Red & Little White
Calved - Feb.9th, 1900

Bred by
Geo. Taylor
Cranford, Middlesex,
England.

Red Waterloo
No. (73386)
Traces to
Hubback (319) to
Studley Bull -(626)

Dewlap
No. (Vol.52 page 1142)
(Vol.51 page 971)

Owned by
Geo. Taylor,
Cranford, Middlesex
England.
Yearly Record in Lbs.
Milk 11,400

Dahlia 2nd
No.
Traces to
Hubback (319) to
Studley Bull(626)

Lord Somerset Furber
No. (65855)

Lady Somerset Waterloo
No.

Earl of Blagdon
No. (62477)

Dahlia
No.

Wild Oxonian
No. (40927)

Winsome 20th
No.

Lord Somerset 10th
No. (48249)

Lady Cambridge Waterloo 8th
No.

Duke of Newport
No. (54211)

Minnie
No.

Wellesley 16th
No. (47242)

Oxford's Dewlap
No.

Duke of Oxford 31st
No. (33713)
Wild Eyebright
No.

5th Duke of Weatherby
No. (31033)
Lady Brighteyes 3rd
No.

Wild Oxonian
No. (40927)
Lord Somerset 10th
No. (48249)
Winsome 20th
No.

Cambridge Duke 20th
No. (54063)
Lady Oxford Waterloo 4th
No.

Bellmont
No. (50871)
Red Rosette
No.

Oxford Swell 10th
No. (45310)
Margaret
No. (34077)

Grand Duke of Waterloo
No. (34077)
Musical 3rd
No.

Beau of Oxford 2nd
No. (33129)
Dewlap
No.

Baron Oxford 4th
No. 25580
Grand Duke of Oxford 11th
By Grand Duke 10th (21848)
6th Duke of Geneva
No.(30959)
Wild Eyes Duchess
By Grand Duke 9th (19879)
3rd Duke of Wharfedale
No. (21619)
Duchess 92nd
By 4th Duke of Oxford (11387)
7th Duke of York
No. 17754
Brighteyes 2nd
By Royal Butterfly 3rd (18754)
Duke of Oxford 31st
No. (33713)
Wild Eyebright
By 6th Duke of Geneva (30959)
5th Duke of Weatherby
No. (31033)
Lady Bright Eyes 3rd
By 7th Duke of York (17754)
Knight of Oxford 3rd
No.(43441)
Red Rose 11th
By Oxford Duke (45297)
Viscount Oxford of Elmhurst
No. (48892)
Grand Waterloo 2nd
By Oxford Beau 4th (34964)
Bellerophon
No. (47471)
Rosalia
By Protector (32221)
Expectation
No. (38264)
Rosetta
By Rob Roy (29806)
Beau of Oxford 2nd
No. (33129)
Dewlap
By 3rd D. of Geneva (21592)
General Favourite
No. (38342)
Mary
By Wild Duke of Geneva (36004)
Grand Duke 19th
No. (28746)
Waterloo 37th
By Royal Cambridge (25009)
Duke of Hazlecoats 36th
No. (33671)
Musical 2nd
No. By Lord Hastings(29115)
Oxford Beau
(29485)
3rd Belle of Oxford
By Marmaduke (14897)
Duke of Geneva 3rd
No. (21592)
Diadem
No. By Touchstone (20986)

Red

Calved - April 4, 1898

Bred by

Geo. Taylor,

Cranford, Middlesex,

England.

Lord Somerset Furbelow

No. (65855)

Traces to
R. Alcock's Bull (19)

Darling 2nd

No. (Vol. 51 pp. 971)
(Vol. 49 page 904)

Owned by

Geo. Taylor,

Cranford, Middlesex,

England.

Yearly Record in Lbs.

Milk 11,437

Darlington Somerset

No.

Traces to
J. Brown's Red Bull (97)
to Studley Bull (626)

Lord Somerset 10th

No. (48249)

Double Furbelow

No.

Lord Somerset 10th

No. (48249)

Beauty of Darlington

No.

Wild Oxonian

No. (40927)

Winsome 20th

No.

Furbelow Duke 6th

No. (55767)

Furbelow Stanton 2nd

No.

Wild Oxonian

No. (40927)

Winsome 20th

No.

Viscount Oxford of Elmhurst

No. (48892)

Duchess Darlington 5th

No.

Duke of Oxford 31st

No. (33713)

Wild Eyebright

No.

5th Duke of Weatherby

No. (31033)

Lady Bright Eyes 3rd

No.

Baron Oxford 16th

No. (49090)

Gratitude

No.

Wellesley 16th

No. (47242)

Charming Furbelow

No.

Duke of Oxford 31st

No. (33713)

Wild Eyebright

No.

5th Duke of Weatherby

No. (31033)

Lady Bright Eyes 3rd

No.

Airdrie's Kirklevington Duke 3rd

No. (42652)

Countess of Oxford

No.

Grand Duke 22nd

No. (34062)

Duchess of Darlington

No.

Baron Oxford 4th

No. (25580)

Grand Duchess of Oxford 11th

By Grand Duke 10th (21848)

6th Duke of Geneva

No. (30959)

Wild Eyes Duchess

By Grand Duke 9th (19879)

3rd Duke of Wharfdale

No. (21619)

Duchess 92nd

By 4th Duke of Oxford (11387)

7th Duke of York

No. (17754)

Bright Eyes 2nd

By Royal Butterfly 3rd (18754)

Grand Duke 41st

No. (46439)

Baroness Oxford 11th

By Duke of Connaught (33604)

Grand Duke 34th

No. (41642)

Griselda

By Laly's Hillhurst Duke (38538)

Grand Duke of Waterloo

No. (34077)

Musical 3rd

By Duke of Hazlecote 36th (32671)

Duke of Charmingland 16th

No. (44660)

Violet

By Prince of Brailes (42193)

Baron Oxford 4th

No. (25580)

Grand Duchess of Oxford 11th

By Grand Duke 10th

6th Duke of Geneva

No. (30959)

Wild Eyes Duchess

By Grand Duke 9th (19879)

3rd Duke of Wharfdale

No. (21619)

Duchess 92nd

By 4th Duke of Oxford (11387)

7th Duke of York

No. (17754)

Bright Eyes 2nd

By Royal Butterfly 3rd (18754)

24th Duke of Airdrie

No. (36460)

Kirklevington Duchess 6th

By 2nd Duke of Clare (21576)

Baron Turncroft Oxford 4th

No. (37822)

Maid of Oxford 11th

By 9th Duke of Geneva (283 91)

3rd Duke of Clarence

No. (23727)

Grand Duchess 23rd

By Grand Duke 7th (19877)

Duke of Tregunter 2nd

No. (26022)

Darlington 17th

By Grand Duke 11th (21849)

Roan
Calf d - Sept.1, 1896

Bred by
T. Lattimer,
Vickergate, England.

Royal Hair 2nd
No. (67801)

Traces to
R. Alcock's Bull (19)

Royal Heiress

No. (Vol.52 page 1075)
(Vol.49 page 567)

Owned by
Lord Rothschild,
England.

Yearly Record in Lbs.

Milk 11,641

Lady Lattimer

Traces to
A Shorthorn Cow.

Royal Hair

No. (63266)

Bright Gem

No.

Vanguard

No. (58249)

Lady Lattimer

Lily Lattimer

No.

Prince of Green Head
No. (57922)

Sprightly 3rd

No.

Baron Bolton 14th

No. (56858)

Bright Jewel

No.

Emperor Butterfly

No. (54263)

Verbena 10th

No.

Gey Baroncy

No. (57365)

Lattimer's Queen

No.

Golden Hind
No. (54872)

Vesper 2nd

No.

General Stewart

No. (57374)

Sprightly 2nd

No.

Baron Bolton 7th

No. (52441)

Laurestina 9th

No.

Dandy

No. (47674)

Bright Bella

No.

Royal Baron

No. (50354)

Empress Butterfly

No.

Oxonian

No. (48409)

Verbena 8th

No.

Lord Elderbeck 2nd

No. (51573)

Baroness 4th

No.

Pater

No. (50151)

Miss Lattimer

No.

Self Esteem 2nd
No. (48675)

Princess Flora
By Alfred the Great (36121)

Lord Hamilton
No. (48194)

Red Rose
By Sir Arthur Windsor (35541)

Jumbo
No. (48074)

Lady Alice
By Dainty Duke 4th (41315)

King
No. (41749)

Sprightly
By Duke of Hazlecoat 29th (45066)

Prince Oxford
No. (45408)

Laurestina 13th
By Lord Bolton 2nd (45066)

Duke of Ormskirk
No. (36526)

Laurestina 5th
By Hubback Jr. (31395)

Wild Duke
No. (40920)

Leah
By Prince of Paris (29657)

Cambridge Premier
No. (29530)

Bright Eye's
By Fortinbras (33960)

Beau Benedict
No. (42769)

Lady Red Stockings
By Golden Duke (36705)

Beau Benedict
No. (42769)

Duchess of Lancaster 7th
By Baron Ribblesdale (21238)

Sir Brian
No. (45526)

Oxford Rose 2nd
By Royal Cambridge 4th (40624)

Royal Cambridge 4th
No. (40624)

Verbena 5th
By Walfran (25469)

Prince Saladin 4th
No. (46925)

Red Rose of Elderbeck
By Grand Duke 31st (38374)

Danti Duke 4th
No. (41315)

White Baroness 2nd
By Pure Gold (32226)

Petersburg
No. (43751)

Columbine
By Flag of Windsor (28614)

Carthusian
No. (42888)

A Roan Shorthorn Cow
Bred by Mr. T. Lattimer

Red
Calved - Oct. 20, 1900

Bred by
W. Bateman,
Beaumont Grange,
Halton, Lancs, England.

Dunottar
No. (68554)
Traces to
Hubback (319) to
Studley Bull (626)

Red Rose 3rd

No(Vol.53 page 1166)

Owned by
Lord Rothschild
England.

Yearly Record in Lbs.
Milk 11,744

Red Rose
No.
Traces thru
Favourite (252) to
Hubback (319) to
Studley Bull (626)

Prince of Fashion
No. (64527)

Dainty 20th
No.

Pearl Prince
No. (73184)

Rosebud
No.

Scottish Archer
No. (59893)

Primrose 3rd
No.

Waddington
No. (45752)

Dainty 19th
No.

Pearl Royal
No. (67584)

Dolly Violet
No.

Nimrod
No. (75134)

Red Whelprigg
No.

Cumberland
No. (46144)

Surmise
No.

Norseman
No. (56233)

Primrose
No.

British Prince
No. (36282)

Winsome
No.

Bromeley
No. (36289)

Dainty 11th
No.

Crown Pearl
No. (58708)

Queen Margaret
No.

Gladstone
No. (54366)

violet
No.

Ingram's Conceit
No. (57488)

White Socks
No.

Volunteer
No. (55170)

Whelprigg
No.

Pride of the Isles
No. (35072)

Gustard
By Royal Duke of Gloster
(29864)
Pride of the Isles
No. 35072

Surmise
By the Champion of England(17526)
Stronghow
No. (52220)

Nonpareil 20th
By Cumberland (46144)
Clear-the-Way
No. (47604)

Rose of Balmoral
By Balmoral (36151)
Duke
Royal of Gloster
No.(29864)

Victoria 39th
By Champion of England (17526)
Albert
No. (30370)

Wanton 12th
By Crusade (30831)
Earl of Derby 2nd
No.(31061)

Bessie 11th
By Heir of Englishman (24122)
Scotchman 3rd
No. (32465)

Dainty 4th
By Baron Sebastopol (21241)
Cruiser
No. (57130)

Precious Pearl
By Brau Benedict (42769)
Royal Arthur
No. (53570)

Queen Anne
By Golden Tinie (43293)
Gay Cavalier
No. (46402)

Peersess
By Marquis of Torne (31847)
Duke of Hazlecote 46th
No. (38151)

Mayflower
By Oxford d'Eden (32017)
Self Conceit
No. (55026)

Princess Alice
By Sir Arthur Ingram (32490)
Golden Hind
No. (54372)

Laura
By Sir Arthur Ingram (32490)
Lord Balton 7th
No.(48165)

Violet
By Duke of Hazlecote 46th(38151)
Warder
No. (48905)

Red Lady
No.By Captain Gwynne (37940)

Roan
Calved - June 25, 1889

Bred by
Mrs. E. Ross,
Sloerhill, England.

Prince of Fame 7th
No. (49680)
Traces thru
Favourite (252) to
Studley Bull (626)

Lady Peggy Farswell
No. (Vol. 51 page 983)

Owned by
S.R.W. Adeane,
Babraham Hall,
Cambridge, Eng.

From May 1903 to March
1904, when in her 15th
year she gave 11,764 lbs.
milk.

Lady Farswell 3rd
No.
Traces to
R. Alcock's Bull (19)

Prince Matchless
No. (50223)

Queen of Fame 4th
No.

Meadow King
Queen Meadow Flower 4th
No. (50052)

Lady Farswell 2nd
No.

Wellington Duke 6th
No. (45773)

Lord Wellesley
No. (45170)

Royalty
No. (42338)

Royalty
No. (42338)

Lady Farswell
No.

Lightburne's Duke of Oxford No. (36895)	5th Duke of Wetherby No. (31033)
Duchess of Wellington 6th No.	Grand Duchess of Oxford 12th By 2nd Duke of Wetherby (21618)
Eates Tertius No. (21249)	Baron Barrington 5th No. (33007)
Matchless 2nd No.	Duchess of Wellington 5th By Duke of Loyn (25225)
Duke of Worcester 3rd No. (39796)	7th Duke of York No. (17754)
Lady Wellesley 2nd No.	British Queen By Earl of Walton (17787)
Royal Fern No. (32265)	Brutus No. (23486)
Ballet Girl No.	Matchless By Sir Richard (15298)
Nobility No. (37131)	18th Duke of Oxford No. (25995)
Ranie No.	Lad Worcester 4th By 2nd Duke of Wetherby (21618)
Nobility No. (37131)	Master Fragrant No. (34810)
White Butterfly By Royal Sovereign (25094)	Lady Wellesley By Wellesley (25421)
Red Prince No. (32272)	King Richard No. (26523)
Maidenhair By Ravenspur (20628)	Maidenhair By Ravenspur (20628)
Grand Prince No. (34085)	British Boy No. (25675)
White Butterfly By Royal Sovereign (25094)	Pasta By The Paor (23045)
Red Prince No. (32272)	Grand Prince No. (34085)
Maidenhair By Ravenspur (20628)	White Butterfly By Royal Sovereign (25094)
Grand Prince No. (34085)	Wizard No. (25468)
White Butterfly By Royal Sovereign (25094)	Meadow Flower 10th By Happy Land (21899)
Red Prince No. (32272)	Grand Prince No. (34085)
Maidenhair By Ravenspur (20628)	White Butterfly By Royal Sovereign (25094)
England's glory No. (23889)	Red Prince No. (32272)
Lucretia By The Brier (15376)	Maidenhair By Ravenspur (20628)
Wellesley No. (25421)	England's glory No. (23889)
Cora By Cambridge Barrington 1st.	Lucretia By The Brier (15376)

Red & White
Calved - March 20, 1902

Bred by
B.W. Lewis,
Ashville, N.Y.

Chautauqua Duke 12th
No. 211560
Traces to
Hubback (319) to
Studley Bull (626)

Lulu
No. Vol. 62 page 824

Owned by
Missouri Experiment
Station.

Yearly Record in Lbs.
Milk12341
Butter 605.6

Chautauqua Rose 2nd
No. Vol. 40 page 699
Traces thru
Mate Clay Cow by Don John
426
thru Favourite (252) to
R. Alcock's Bull (19)

Baron Hudson
No. 124770
Miss Gwynne 7th
No. Vol. 41 page 559
3rd Knight of gwynne
No. 108649
Clara 2nd
No. Vol. 30 page 706

Major McKinley
No. 112826
Baroness Hudson
No. Vol. 32 page 984
Airdrie Wild Eyes 2nd
No. 78637
Miss Gwynne 3rd
No. Vol. 35 page 578
2nd Knight of gwynne
No. 48544
Thompson's Airdrie
No. 42585
Jennie 3rd
No. Vol. 24 page 18567
Firefly
No. 32624
Red Cloud
No. 36702
Aurora 2nd
No. Vol. 14

Woodland Chief
No. 101380 (56777)
Violet
No. Vol. 35 page 495
Imp. Wild Eyes Connaught
No. 34099
Lady Hudson's Duchess 6th
No. Vol. 18 page 13749
Wild Eyes of Airdrie
No. 64790- 11524 S.H.R.
Imp. Duchess Wild Eyes
No. Vol. 31 page 474
Bell Gwynne
No. 54748
Miss Gwynne
No. Vol. 33 page 658
Earl of Chatham
No. 14149
Lady Gwynne of Brattleboro
No. Vol. 17
Jennies Airdrie
No. 42585
Jennie 3rd
No. Vol. 24 page 18567
Firefly
No. 32624
Rover Queen
No. (Vol. 18)
Star of Hope
No. 12968
Aurora
No.

Cumberland
No. 50626
Surname
No. (Vol. 27 page 362)
Hopeful
No. 63938
Rosebud
No. Vol. 28 page 427
Duke of Connaught
No. 32234
wild Rose
By 6th Duke of Geneva 7933
Imp. 4th Duke of Clarence
No. 26188
Imp. Lady Hudson's Duchess 4th
By 6th Duke of Oneida 30997
23rd Duke of Airdrie
No. 19393
Wild Eyes of Vinewood
Vol. 9 By Duke of Geneva 7931
Duke of Oxford 47th
No. 74270 (41414)
Wild Duchess of Gloster
No. (Vol. 27 page 564)
Bell Duke of Vinewood
No. 31788
Music Gwynne 12th
Vol. 24 By Albion 21917
Bell Duke of Vinewood
No. 31788
Music Gwynne 11th
No. Vol. 20 page 16011
Falconwood
No. 6732
Lady Sale 6th
By Red Knight 890
Earl of Groseshill
No. 8071
Lady Gwynne of Brattleboro
By 6th D. of Thorndale 4752
Airdrie of Rosedale
No. 41439
Minna Williams 5th
No. Vol. 20 page 15976
Joe Hall
No. 42121
Red
No. Vol. 14
Carson
No. 21441
Red Star
No. Vol. 18
Red Rover
No. 10748
Red Star
By Redwing 12770
Marquis of Geneva
No. 10451
Hope 17th
By Monarch 8647
Redwing
No. 21770
Sally
By Herald 2954

Red
Calved - Oct. 26, 1897

Bred by
Geo. Taylor,
Cranford, Middlesex,
England.

Lord Somerset Furbelow

No. (65855)

Traces thru
Favourite (252) to
R. Alcock's Bull (19)

Double Furbelow

No.

Darlington Cranford 5th

No. (Vol. 47-48-50-51 pages
744-798-882 and 908.)

Owned by
Lord Rothchild,
England.

Yearly Record in lbs.

Milk 12,567

Darlington Cranford

No.

Traces thru
Belvedere (1706) to
Hubback (319) to
Studley Bull (626)

Darlington Stanton

No.

Wild Oxonian	No. (40927)	Duke of Oxford 31st No. (33713)	Wild Eyebright No.	Baron Oxford 4th No. (25580)
Lord Somerset 10th		5th Duke of Weatherby No. (31033)	Lady Bright Eyes 3rd No.	Grand Duchess of Oxford 11th By Grand Duke 10th (21848)
Winsome 20th	No. (48249)	Baron Oxford 16th No. (49090)	Gratitude No.	6th Duke of Geneva No. (30959)
		Furbelow Duke 6th No. (55767)	Wellesley 16th No. (47242)	Wild Eyes Duchess By Grand Duke 9th (19879)
		Double Furbelow	Charming Furbelow No.	3rd Duke of Wharfedale No. (21619)
		Furbelow Stanton 2nd No.	Duke of Oxford 31st No. (33713)	Duchess 92nd By 4th Duke of Oxford (11387)
			Wild Oxonian No. (40927)	7th Duke of York No. (17754)
			Wild Eyebright No.	Bright Eyes 2nd By Royal Butterfly 3rd (18754)
			Lord Somerset 10th	Grand Duke 41st No. (46429)
			Winsome 20th	Baroness Oxford 11th By Duke of Connaught (33604)
				Grand Duke 34th No. (41642)
				Griselda By Lally's Hillhurst Duke (38538)
				Grand Duke of Waterloo No. (34077)
				Musical 3rd By Duke of Haslecote 36th (33671)
				Duke of Charmingland 16th No. (44660)
				Violet By Prince of Bailes (42193)
				Baron Oxford 4th No. (25580)
				Grand Duchess of Oxford 11th By Grand Duke 10th (21848)
				6th Duke of Geneva No. (30959)
				Wild Eyes Duchess By Grand Duke 9th (19879)
				3rd Duke of Wharfedale No. (21619)
				Duchess 92nd By 4th Duke of Oxford (11387)
				7th Duke of York No. (17754)
				Brighteyes 2nd By Royal Butterfly 3rd (18754)
				3rd Duke of Collingham No. (38134)
				Grand Duchess of Morecambe By 2nd Duke of Tregunter (26022)
				Oxford Duke No. (45297)
				Red Rose 10th By Duke of Gloster 3rd (33653)
				Airdrie's Kirklevington Duke 3rd No. (42652)
				Countess of Oxford By Baron Turncraft Oxford 4th (37822)
				Grand Duke 22nd No. (34062)
				Duchess of Darlington By Duke of Tregunter 2nd (26022)

Red & White

Calved - Dec. 15, 1899

Bred by
J.K. Innes

Granville Center, Pa.

Cecil Palmer

No. 133376

Traces thru
Don John 426 to
R. Alcock's Bull (19)

Mamie Clay 2nd

No. Vol. 48 page 342

Owned by

Innes & May,
Granville Center,
Pa.

Yearly Record in Lbs.
Milk13,231.1

Mamie Clay

No. Vol. 38 page 482

Traces thru

Mate Clay Cow by Don John
426
to R Alcock's Bull (19)

Columbia Clay

No. 114800

Luvia Clay

No. Vol. 39 page 508

Joe Johnson

No. 98764 (90764)

Kitty Clay 4th

No. Vol. 29 page 553

Roan Clay 4th

No. 105174

Kitty Clay 4th

No. Vol. 29 page 553

Jellogg's Kirklevington

No. 108563

Kitty Clay 3rd

No. Vol. 30 page 677

Conewango Lad 9th

No. 68880

Fillpail 3rd

No. (Vol. 34 page 923)

Dick Turpin

No. 50740

Kitty Clay 2nd

No. Vol. 21

Joe Johnson

No. 98764

Betsy 7th

No. Vol. 35 page 925

Dick Turpin

No. 50740

Kitty Clay 2nd

No. Vol. 21

Duke of Kirklevington

No. 85862

Red Rose 4th

No. Vol. 24 page 18752

Dick Turpin

No. 50740

Kitty Clay 2nd

No. Vol. 21

Bell Duke of Vinewood

No. 31788

Conewango 9th

No. (Vol. 30)

Senor Clay

No. 71746

Fillpail 2nd

No. (Vol. 30 page 882)

3rd Marquis of Bute

No. 33199

Maid or Orleans

No. Vol 13 page 765

Duke of Jamestown

No. 32295

Kitty Clay

No. Vol. 21

Conewango Lad 9th

No. 68880

Fillpail 3rd

No. Vol. 34 page 923

Conewango Lad 9th

No. 68880

Betsy 3rd

Vol. 30 page 882

3rd Marquis of Bute

No. 33199

Maid of Orleans

No. Vol 13 page 765

Duke of Jamestown

No. 32295

Kitty Clay

No. By 3rd Senor of Fairview 20948

4th Duke of Clarence

No. 26188

Imp. Kirklevington 19th

No. Vol. 16 page 12128

Belle's Duke of Airdrie

No. 47466

Red Rose 2nd

No. Vol. 24

3rd Marquis of Bute

No. 33199

Maid of Orleans

No. Vol. 13 page 765

Duke of Jamestown

No. 32295

Kitty Clay

No. by Senor of Fairview 20948

14th Duke of Airdrie

No. 7879

Bell Duchess

No. Vol. 15

3rd Senor of Fairview

No. 20948

Conewango

No. (Vol. 15)

3rd Senor of Fairview

No. 20948

Fillpail

No. (Vol. 30)

Kiantone

No. 26953

Fillpail

No. (Vol 30)

4th Duke of Goodness

No. 9848

Imp. Lady Adela

No. Vol. 11 page 754

General Grant

No. 21567

Lady Clare

No.

Quickstep

No. 24473

Maud

No. Vol. 15

3rd Senor of Fairview

No. 20948

Kitty Clyde 2nd

No. Vol. 21 page 16559

Red
Calved - Jan. 25 1903

Bred by
B.W. Lewis
Panama, N.Y.

Chautauqua Duke 12th

No. 211560

Traces to
Hubback (319) to
Studley Bull (626)

Panama Lady

No. Vol. 62 page 824.

Owned by
Mr. Eckles,
Missouri Experiment
Station .

Yearly Record in Lbs.

Milk 13,789
Av. Test 3.55
Total Fat 489.8

May

No. Vol. 42 page 759

Traces to
James Brown's White Bull
(98)

Baron Hudson

No. 124770

Miss Gwynne 7th

No. Vol. 41 page 559

Sgt Jones 2nd

No. 117262

Flossie

No. Vol. 34 page 742

Major McKinley

No. 112826

Baroness Hudson

No. Vol. 32 page 934

Airdrie Wild Eyes 2nd

No. 78637

Sam Jones

No. 95074

Flossie

No. Vol. 34 page 742

Mosboro Chief

No. 70898

Fancy Fern

No. Vol. 27 page 850

Woodland Chief

No. 101380 (56777)

Violet

No. Vol. 35 page 495

Imp. Wild Eyes Connaught

No. 34099

Lady Hudson's Duchess 6th

No. Vol. 18 page 13749

Wild Eyes of Airdrie

No. 64790 - 11524 S.H.R

Imp. Duchess Wild Eyes

No. Vol. 31 page 474

Bell Gwynne

No. 54748

Miss Gwynne

No. Vol. 33 page 658

Red Warrior

No. 88948

Three Stars

No. Vol. 24 page 18804

Mosboro Chief

No. 70898

Fancy Fern

No. Vol. 28 page 850

The Earl

No. 71951

Storm Queen

No. Vol. 30

Ichabod

No. 46289

Fancy

No. Vol. 20

Chumberland

No. 50626

Surname

No. (Vol. 27 page 362)

Hopeful

No. 63938

Rosebud

No. Vol. 28 page 427

Duke of Connaught

No. 32234

Wild Rose

No. by 6th Duke of Geneva 7933

Imp. 4th Duke of Clarence

No. 26188

Imp. Lady Hudson's Duchess 4th

No. by 6th Duke of Oneida 30997

23rd Duke of Airdrie

No. 19393

Wild Eyes of Vineyard

No. Vol. 9 by 6th Duke of Geneva 7931

Duke of Oxford 47th

No. 74270 (41414)

Wild Duchess of Gloster

No. (Vol. 27 page 564)

Bell Duke of Vineyard

No. 31788

Music Gwynne 12th

No. Vol. 24 by Albion 21917

Bell Duke of Vineyard

No. 31788

Music Gwynne 11th

No. Vol. 20 page 16011

Prince

No. 67250

Red Face

No. Vol. 33

Major Stewart

No. 30257

Cora

No. Vol. 18

The Earl

No. 71951

Storm Queen

No. Vol. 30

Ichabod

No. 46289

Fancy

No. Vol. 20

Blazer

No. 68465

Rosella 8th

No. Vol. 30

President Grant

No. 71180

Baroness Lottie

No. by Kentucky Baron 18737

Quickstep

No. 24473

Flanche

No. Vol. 15

3rd Duke of Trountrun

No. 38607

Frisky 2nd

No. Vol. 20 -15683

Red & White
Calved - Dec. 19, 1900

Bred by
Innes & May
Granville Center,
Pa.

Bell Bay 2nd
No. 162088
Traces thru
Imp. Princess by Son of
Lancaster to Hubback (319)
to Studley Bull (626)

Rose of Glenside
No. Vol. 57 page 745

Owned by
Innes & May,
Granville Center,
Pa.

Yearly Record in Lbs.

Milk 18075.2
Butterfat 624.76
Butter 735

Daily Average for entire
year.

Milk 49.5
Butter 2.01

Belle of Glenside
No. Vol. 43 page 761

Traces thru
Hubback (319) to
Studley Bull (626)

Kirkwood Clay
No. 122937

Belle 2nd
No. Vol. 31 page 798

Cecil Palmer
No. 133376

Margaretta Clay
No. Vol. 40 page 637

Roan Clay 4th
No. 105174

Kitty Clay 3rd
No. Vol. 30 page 677

Quickstep
No. 24473

Belle
No. Vol. 20 page 15482

Columbia Clay
No. 114800

Luvia Clay
No. Vol. 39 page 508

Henry Clay
No. 112291

Belle of Grovedale 2nd
No. Vol. 31 page 1011

Joe Johnson
No. 98764

Dick Turpin
No. 50740

Star of Hope
No. 12968

Beauty
No. Vol. 13

Fairview
No. 26542

Queen
No. Vol. 13 page 872

Roan Clay 4th
No. 105174

Kitty Clay 4th
No. Vol. 29 page 553

Kellogg's Kirklevington
No. 108563

Kitty Clay 3rd
No. Vol. 30 page 677

Joe Johnson
No. 98764

Kitty Clay 3rd
No. Vol. 30 page 677

Copley
No. 38047

Belle of Grovedale
No. Vol. 26 page 1253

Gonewango Lad 9th
No. 68880
Fillpail 3rd
No. (Vol. 34 page 923)
Gonewango Lad
No. 68880
Betsy 3rd
No. Vol. 30 page 882
3rd Marquis of Bute
No. 33199
Maid of Orleans
No. Vol. 13 page 765
Duke of Jamestown
No. 32295
Kitty Clay
No. Vol. 21
Marcus of Geneva
No. 10451
Hope 17th
By Monarch 8647
Defiance
No. 11617
Jessie
By Alfred 4546
Young Rover
No. 15784
3rd Duchess of Plumwood
No. Vol. 8
Trojan
No. 13052
Otisca
By Gloster 3970
Joe Johnson
No. 98764
Betsy 7th
No. Vol. 35 page 925
Dick Turpin
No. 50740
Kitty Clay 2nd
No. Vol. 21
Duke of Kirklevington 20th
No. 85862
Red Rose 4th
No. Vol. 24 page 18752
Dick Turpin
No. 50740
Kitty Clay 2nd
No. Vol. 21
Gonewango Lad 9th
No. 68880
Fillpail 3rd
No. Vol. 34 page 923
Dick Turpin
No. 50740
Kitty Clay 2nd
No. Vol. 21
Bell Duke
No. 25667
Coquette 5th
No. Vol. 15 page 487
2nd Prince of Wolveston
No. 30707
Belle of Riverside 4th
No. Vol. 18 page 13585

Bibliography.

General References.

1. Lewis F. Allen, - History of Shorthorn Cattle, - Buffalo, 1872.
2. Alvin H. Sanders, - Shorthorn Cattle, Chicago, - 1900.
3. Chas. S. Plumb, - Little Sketches of famous beef cattle, - Columbus, Ohio, 1904.
4. Chas. S. Plumb, - Types and Breeds of Farm Animals, - Columbus, Ohio, 1907.
5. C.J. Bates, - Thos. Bates and the Kirklevington Shorthorn - London, 1897.
6. J. Coleman, - (Editor) The Cattle of Great Britain, - London, 1875.
7. John Watson, - The Best Breeds of British Stock, - London, 1898.
8. Wm. Youatt, - The Complete Grazier, - London, 1893.
9. David Low - The Domestic Animals of British Islands, - London, 1843.

10. Robert Wallace - Farm Livestock of Great Britain.
11. American Breeders Association, Vol.4 (1908).
12. James L. Edmonds,- The Milking Shorthorn-Thesis - Ohio State University.
13. St. Louis Fair Records (1904). Bulletin # 106 Minnesota Experiment Station.
14. American Shorthorn Herd Books - Vol.1 - 73 inclusive.
15. English Herd Books Vol. 1 - 52 inclusive.
16. Sale catalogs of Innes & May, Granville Center, Pa.
17. Sale catalogs of C.R.W. Adeane, Babraham Hall, Cambridge England.
18. The Dairy Shorthorn (Coates Herd Book) Association 1908.

Breeders Gazette References.

1. Milking Qualities of Polled Durhams. Question by Mrs. E.L. Hazleton, Iowa, April 7, 1909, page 842. Answer by J.H. Marty, Darke Co. Ohio.
2. Among Eastern Pennsylvania Dairymen - page 843. April 7, 1909, by Joseph E. Wing.
3. The Western Journey of Shorthorns,- April 21, 1909, by

Virginia C. Meredith, Wayne Co., Ind.

4. Shorthorn Breeding in Great Britain, - Jan. 13, 1909.
A.T. Matthews, England, Middlesex, Co.
5. The Dual Purpose Cow, - by Thomas Shaw, Vol.34 page 152.
6. The Combination Cow, - By A.X. Hyatt, Vol.36 page 421.
7. A Day at Wollmer's Park - by Joseph E. Wing, Vol.52 page 928.
8. Shorthorns in Milk - by Wm. E. Sutton, Vol.51 page 589.
9. Milking Shorthorns in Great Britain - by A.T. Matthews, March 24, 1909.
10. Dual Purpose Cattle, - by J. McLam Smith, Vol.40 page 295.
11. English View of Dual Purpose Shorthorns, - by R. Stratton, Vol.49 page 1197.
12. Breeding of Milking Shorthorns - by W.S. Saunders, Vol. 50, page 1229.
13. Dairy Shorthorns, - by W.L. Rhinehart, Vol.50 page 710.
14. Dual Purpose Types of Shorthorns - by B.O. Cowan, Vol. 50, page 52.
15. The Farmers' Cow - by C.F. Curtiss, Vol.41 page 256.
16. As to the Dairy Shorthorns - by Richard Gibson, Vol.46,

page 640.

17. Dairy At St. Louis - by H.H. Hinds, Vol.46 page 288.
18. Milkpail and the Shorthorn - by W.A. Harris, Vol.48
page 625.
19. Dairy Herd of J.K. Innes, - by J.E. Wing, Vol.48 page 88.
20. Scotch and Bates Shorthorns - Editorial, Vol.42 page 339
21. Bates Bred Shorthorns - by Martin Flynn, Vol.42 page 164.
22. Milk and Beef Strains of Shorthorns - Editorial, Vol.42
page 39.
23. Illustration (Picture Innes Herd) on page 1270, Dec.15,
1908. (Gazette).
24. Showyard Dep't. of Dairy Cattle Breeding - Dec. 23, 1908
page 1281.
25. Milking Shorthorns of New England - July 1, 1908 page
7 (Illustration).
26. The Field for Milking Shorthorns - Aug. 26,1908, page
339.
27. The Milking Shorthorns of Geo. Taylor of Cranford - by
J.E. Wing, Vol.52 page 226, Aug. 7, 1907.
28. Shorthorns of Lord Rothschild of Irving Park - Vol.52
page 362 by J.E. Wing.

29. A Real Old English Farmer - J. Treadwell, - by J.E.Wing,
Aug. 14, 1907 page 272.
30. Milking Shorthorns in California - by John Lynch, Vol.52
page 687, Oct. 9, 1907.
31. State Fair Tests of Dairy Shorthorns - by John F.Hagaman,
Oct. 2nd, 1907, page 629.
32. Milking Shorthorns, - Sept. 11, 1907, page 459.
33. Milking Shorthorns, in the East - by Wm.E. Sutton, Dec.11,
1907 page 1252.
34. Dairy Shorthorns in New England -By W. Arthur Simpson,
March 4, page 536.
35. The Shorthorn an International Favorite, - Nov.20, 1907,
page 1047.
36. Shorthorns at the London Dairy Show,- by Sanders Spencer,
Huntingtonshire, England, Nov, 13, 1907, page 996.
37. Milking Shorthorns - by J.K. Innes, Nov.6, 1907,page 959.
38. New Dairy Shorthorn Record - written by C.H. Eckles, Mo.
Experiment Station, May 12, 1909.
39. Good Work with Milking Shorthorns - by A.T. Matthews,
Middlesex, England, May 26, 1909.
40. Shorthorn Dairy Records - June 9th, 1909.

41. The Milking Shorthorn Type - by A.T. Matthews, England, June 16, 1909 , page 1362.
42. Dairy and Dual Purpose Breeds of Cattle - by Prof. C.S. Plumb, June 30, 1909, page 1446.
43. Scotch Blood in Milking Shorthorns - June 30, 1909, page 1446.
44. Dual Purpose Cows for Carolina - by W.B. Meares, Wilkes Co. N.C. July 7, 1909, page 6 .
45. Shorthorns in England - by A.T/ Matthews, July 14, 1909, page 51.
46. Shorthorns and Angus at the Royal - July 14, 1909, page 59.
47. Dairy & Dual Purpose Cattle - by J.N. Muncey, Blackhawk Co., Iowa, July 21st, 1909, page 91.
48. Milking Shorthorn Yields - May & Otis, Bradford Co., Pa. August 11, 1909, page 211.
49. Recent shorthorn events in England - by A.T. Matthews, Sept. 1, 1909, page 340.
50. The Search for a Farm Cow - by H.P. Miller, Oklahoma, Agricultural College. Sept.15, 1909, page 443.

51. Shorthorn Nurse Cows - Sept.22, 1909, page 518.
52. The Search for a Farm Cow - by J.N. Muncsey, Oct. 6, 1909, page 627.
53. Milking Shorthorns - by E.H. Palmer, Washington Co., Ohio, Oct. 13, 1909, page 685.
54. The Farm Cow Found - by A.H. Prince, Schuyler Co., N.Y. Oct. 20, 1909, page 753.
55. Milking Shorthorns in England - by A.T. Matthews, Oct. 27, 1909, page 826.
56. Farmers' cows in the Good Old Days - Nov.3, 1909, page 885.
57. Milking Shorthorns Again - Vol.56, Nov.3, 1909, page 886
58. Dairy Shorthorns in London - Nov.3, 1909, page 900.
59. A Shorthorn Bred for Milk - by Horace W. Avery, Nov.10, 1909, page 946.
60. As to Milking Shorthorns - by the Editor of the Gazette. Nov.17, 1909, page 1008.
61. The Search for a Farm Cow - by H.P. Miller, Oklahoma Agricultural College, Dec. 1, 1909, page 1130.
62. Milking Shorthorns - (10th International Show at Chicago) Dec.8, 1909, page 1196.

63. Shorthorn Breeders Meet - by Colonel W.A. Harris, Dec. 8, 1909, page 1215.
64. What Kind of Cows - by H.P. Miller, Oklahoma Agricultural College. Jan.5, 1910. page 18.
65. The Shorthorn Cow - by R.C. Forbes, Marshall Co.Ill. Jan.12, 1910. page 81.
66. The Farmers' Cow - by W.P. Harned, Cooper Co. Mo. Jan. 12, 1910. page 109.
67. Status of Shorthorn Cattle Breeding in Britain - by Robt. Bruce, County, Dublin, Ireland. Jan. 19, 1910. page 137.
68. Developing Great Families - by L. Ogilvy, Denver Co. Col. Jan. 19, 1910. page 138.
69. Early Shorthorns with Milk Records - by Geo. Ashbridge, Chester Co. Pa. Jan. 19, 1910. page 138.
70. Shorthorns in the Dairy Herd - Jan. 26, 1910. page 201.
71. Raising Beef Calves from Farm Cows - by Fred Jagger, Ottawa Co., Kansas. Jan. 26, 1910. page 202.
72. Founding a Herd of Shorthorns - by B.O. Cowan, Cook Co. Ill. Feb.9, 1910. page 338.
73. Supremacy of the Shorthorn - by A.T. Matthews, England.

- Feb.16, 1910. page 404.
74. Shorthorn Dairy Cow Lulu - Feb.16, 1910. page 406.
 75. Beef Calf Production - by M.H. Feddersen, Clinton Co., Iowa. Feb.23, 1910. page 470.
 76. The Shorthorn as a Dairy Cow - by G.J. Baker, University of Minnesota. Feb.23, 1910,page 471.
 77. Why the Shorthorn Scores - March 16, 1910. page 676.
 78. Coming Shorthorn Events in England - by A.T. Matthews, England. March 16, 1910. page 677.
 79. Shorthorn Dairy Cows - March 23, 1910. page 742.
 80. A Notable Shorthorn Dairy Record - March 23, 1910. page 752.
 81. Dairy Shorthorns - by W. Arthur Simpson, March 30, 1910 page 804.
 82. Grand Duchess Shorthorns - Vol.1 page 26.
 83. Red Shorthorns - Vol. 1 ,Dec. 15,1881. page 51.
 84. Thoughts on Shorthorn Breeding - with quotations from Thomas Bates, Vol.1, Dec. 15, 1881,page 53.
 85. Thoughts on Shorthorn Breeding - by Hubback, Vol. 1, Dec 29, 1881. page 103.
 86. Shorthorn History - Dec. 1 ,1881. page 4
-