

THE S I S

"GREAT INDIVIDUALS OF THE GUERNSEY BREED"

Submitted to

Prof. R. E. Hunt, Professor of Animal Husbandry

Virginia Polytechnic Institute

as a

MAJOR THESIS

To satisfy in part, the requirements

for the

MASTER DEGREE IN AGRICULTURE

Submitted by - -

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## FOREWORD

The writer in the beginning wishes to disclaim credit for a great portion of this work. The ideas carried out are those of Prof. R. E. Hunt, Professor of Animal Husbandry at the Virginia Polytechnic Institute, and a large amount of the original work was done by Mr. Hunt and Mr. H. C. Turner, Assistant Professor of Animal Husbandry at the Virginia Polytechnic Institute. Their work was first reported in August 1921 in an article published by the "Guernsey Breeders Journal" under the title "Great Sires of the Guernsey Breed". Their work was also submitted by Mr. Turner as a Major Thesis in part requirement for his Master Degree. Again in February 1923 the same publication carried the first installment of a revised work bearing the same title.

This present work takes up the study as it was published in February 1923 which was up to date thru 1921. A Part on Females has been added, several additional tables supplied, and those already compiled have been revised to make them up to date thru 1922. The title has been changed and the writer's ideas set down as they were seen by him.

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The proper selection of a herd sire is of utmost importance. In this paper facts and figures have been combined in such a way as to indicate the relative merit of the best sires of the breed, and to point out the blood lines that have proven to be good in the long run, and to show up in the proper light those that have had greatness thrust upon them through no merit of their own.

For these reasons, sires are especially studied and stressed in this paper.

The list of advanced Registry Sires and Great Producing Dams,



GREAT INDIVIDUALS OF THE GUERNSEY BREED

Introduction

The object of this thesis is to show in as clear and concise a manner as possible just why certain individuals of the Guernsey Breed are great, and to indicate the cause of this greatness.

That the use of proper sires is more important than females is true if for no other fact than the sire in one season can leave his stamp on upward of 100 individuals, while the female is usually limited to one. Another indication that the sire is the more important part of the dairy herd is that the U. S. Department of Agriculture, as well as the State Experiment Station, and Extension Division are waging a campaign against the scrub bull, while the female grade is rather smiled upon. The fact that a breeder when desiring to improve his herd will immediately seek a better herd sire as the best way to do this is another indication. When it is considered the number of individuals one sire can influence in a single season, it is not surprising that a good sire is said to be 50% of the herd while a poor one is at least 90%.

The proper selection of a herd sire is of utmost importance. In this paper facts and figures have been combined in such a way as to indicate the relative merit of the best sires of the breed, and to point out the blood lines that have proven to be good in the long run, and to show up in the proper light those that have had greatness thrust upon them through no merit of their own.

For these reasons, sires are especially studied and stressed in this paper.

The list of advanced Registry Sires and Great Producing Dams,



published by the American Guernsey Cattle Club, is an invaluable aid in a study of individuals of the breed, but it in no way shows the connection between average high producing families, or the breeding of the individual studied.

To overcome this objection, the methods used in this paper were worked out.

The data from which the conclusions were drawn was taken from the Herd Register of the American Guernsey Cattle Club, Vols. 1-24, No. 6, inclusive, and the first 31 volumes of the Royal Guernsey Agricultural Society Herd Books.

The records of all cows from 1 to 10,000 in the Advanced Register were considered, and all immature records were computed to a mature basis, so that they could be compared and classified according to definite standards. The highest record of each cow was used, and in no case was the same cow listed twice, no matter how many good records she might have to her credit.

In order to put the records of all cows on a comparative basis, it was assumed that the increase in production of a cow as she matures is directly proportional to the increase in the requirements for entry into the Advanced Register. Although this method of computing records to a mature basis may not be absolutely correct, the fact that the same requirements for entry into the Advanced Register are used by the Holstein-Friesian, Jersey, Ayrshire and Guernsey breed associations, goes to show that the method is as nearly accurate as it is possible to make it. A cow, in order to be admitted to the Advanced Register, must make a yearly record of at least 250.5 pounds of butterfat when freshening at the age of two years or less, this requirement being increased one-tenth of one pound for each day over two



P A R T I

Leading Guernsey Sires

Based on the Butterfat Production of Their Daughters

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Part I of this investigation is a study of the great sires and families of the breed based entirely on production. The data from which the conclusions were drawn was taken from the Herd Register of the American Guernsey Cattle Club, Vols. 1-34, No. 6, inclusive, and the first 31 volumes of the Royal Guernsey Agricultural Society Herd Books.

The records of all cows from 1 to 10,600 in the Advanced Register were considered, and all immature records were computed to a mature basis, so that they could be compared and classified according to definite standards. The highest record of each cow was used, and in no case was the same cow listed twice, no matter how many good records she might have to her credit.

In order to put the records of all cows on a comparative basis, it was assumed that the increase in production of a cow as she matures is directly proportional to the increase in the requirements for entry into the Advanced Register. Although this method of computing records to a mature basis may not be absolutely correct, the fact that the same requirements for entry into the Advanced Register are used by the Holstein-Friesian, Jersey, Ayrshire and Guernsey breed associations, goes to show that the method is as nearly accurate as it is possible to make it. A cow, in order to be admitted to the Advanced Register, must make a yearly record of at least 250.5 pounds of butterfat when freshening at the age of two years or less, this requirement being increased one-tenth of one pound for each day over two



years of age on the date of freshening until the age of five years is reached, when she will be considered mature and will be required to produce at least 360 pounds of butterfat for entrance.

The following standards were used for the classification of all cows in the Advanced Register: First, cows producing enough to enter them in the Advanced Register, but less than 600 pounds of butterfat or its equivalent; second, those producing an equivalent to or more than 600 pounds of butterfat; third, those producing an equivalent to or more than 800 pounds of butterfat; and fourth, those producing an equivalent to or more than 1000 pounds of butterfat in one year. After all cows were classified into the above groups, only those that have produced at least 600 pounds of butterfat or its equivalent were used in the classification of high producing individuals and families of the breed. This was the case because a cow that has produced an equivalent to or greater than 600 pounds of butterfat is generally thought of as a high producing animal and worthy of special consideration, while an animal that has fallen a little below this figure is considered more as an average producer. The animals that have produced above 600 pounds or its equivalent were divided into the 600, 800 and 1000 pound classes, because it was reasoned that 600 pound cows were high producers, 800 pound cows exceptionally high producers, and a cow that could produce as much as 1000 pounds or its equivalent, was among the very greatest of the breed.

The following table gives the requirement of cows of various ages for entry into the above classes:



TABLE I. - - ADVANCED REGISTRY REQUIREMENT STANDARDS.

<u>Class</u>	<u>Regular Requirement</u>	<u>600 lb. Standard</u>	<u>800 lb. Standard</u>	<u>1000 lb. Standard</u>
A--Mature-----	360.00	600.00	800.00	1000.00
B--Senior 4-year-old--	341.75--360.00	569.58-600.00	759.40-800.00	949.30--1000.00
C--Junior 4-year-old--	323.50--341.75	539.17-569.58	718.80-759.40	898.60-- 949.30
D--Senior 3-year-old--	305.25--323.50	508.75-539.17	678.30-718.80	847.90-- 898.60
E--Junior 3-year-old--	285.00--305.25	478.30-508.75	633.30-678.30	791.60-- 847.90
F--Senior 2-year-old--	268.75--285.00	447.91-478.30	597.20-633.30	746.50-- 791.60
G--Junior 2-year-old--	250.50--268.75	417.57-447.91	553.90-597.20	695.80-- 746.50

Of the 10,600 Advanced Register cows of the Guernsey breed, the following number have records high enough to put them in classes above 600 pounds or the equivalent:

Cows that have produced equivalent to or more than 600 lbs. - - 2673

Cows that have produced equivalent to or more than 800 lbs. - - 241

Cows that have produced equivalent to or more than 1000 lbs.- - 16

After the high producing cows were classified into their respective groups, their pedigrees were tabulated and the great producing sires of the breed were listed according to their merit or ability to transmit high production. Any sire having as many as five daughters that have produced an equivalent to, or more than, 600 pounds of butterfat shows exceptional ability to transmit high production, and hence will be included in the list of great sires of the Guernsey breed. An 800 pound cow is considered an exceptionally high producer, and for that reason, any sire having the ability to transmit high production to the extent of having two daughters in this class will be included in the same list of great sires. Also, any sire having as an offspring one of the greatest cows of the breed or a cow that has produced over 1000 pounds of butterfat or its equivalent, should be classed with the



greatest sires that the breed has produced, and hence will be included in the list.

TABLE II.

List of Sires having one or more equivalent to 1000 pounds butterfat daughters.

NAME OF SIRE	No. Registered Daughters	No. Registered Sons	No. A.R.O. daughters	No. A. R. O Sons	No. equivalent to 1000 LB. Daughters	No. equivalent to 800# daughters	No. equivalent to 600# daughters	Year of Birth
1. King of the May 9001	52	35	32	24	1	8	25	1902
2. Bell-Founder - 11681	27	21	17	0	1	5	10	1906
3. Ne Plus Ultra - 15265	78	59	38	12	1	4	34	1909
4. Golden Secret of Lilyvale - 10028	27	36	22	6	1	4	17	1904
5. Governor I. of the Chene - 10563	52	19	22	2	1	3	12	1904
6. Langwater Stars and Stripes -21872	34	32	10	0	1	2	9	1912
7. Holden IV - 12197	62	54	8	4	1	2	5	1906
8. Dolly Dimple's May King of Langwater-12997	25	20	9	11	1	2	4	1907
9. Glenwood Boy of Haddon - 4605	54	48	26	17	1	1	7	1895
10. Yeoman -8618	25	16	9	11	1	1	3	1912
11. Mars of Woodcrest - 9290	15	10	10	1	1	1	3	1903
12. Langwater Fashion 23660	25	25	4	0	1	1	2	1912
13. Fantasia's Jeweller 7259	X	X	X	X	1	1	1	
14. Ladock Cowboy 2785	X	X	X	X	1	1	1	
15. Red Nugget 19393	X	X	X	X	1	1	1	
16. Madge's Chena's King of Anna Dean Farm 35743	X	X	X	X	1	1	1	

Table II shows that there is no sire of the Guernsey breed having more than one 1000 pound daughter. King of the May 9001 heads this list because, in addition to one 1000 pound daughter, he has to his credit eight 800 pound daughters and twenty-five 600 pound daughters. The production of the daughters of this one sire is an excellent example of how extremely high production can be transmitted by the sire. Bell-Founder 11681 is second, having one 1000 pound daughter, five 800 pound daughters and ten 600 pound daughters, while Ne Plus Ultra 15265 is a close third with one 1000 pound daughter, only four 800 pound daughters, but thirty-four 600 pound daughters. This, too, is an



excellent example of how a prepotent sire can transmit high production to his offspring. King of the May 9001 and Ne Plus Ultra 15265, the first being the grandsire of the second, are both out of the same cow, Itchen Daisy III - 15630, this showing the true value received from the intensification of high producing and prepotent blood lines. Bell-Founder 11681, on the other hand, traces through his grandsire, Masher II 858 PS to Masher 63 FS, and hence to Presto 14 P3, a common ancestor of eleven of the sires listed in Table II. Golden Secret of Lilyvale 10028 traces through his sire, Golden Secret 12599, and his sire's dam, Rose of Gold 3668 PS, directly to May Rose II 3251, the foundation cow of the well known May Rose strain of Guernseys. The fifth sire, Governor I of the Chene 10563, having one 1000 pound daughter, three 800 pound daughters and twelve 600 pound daughters, also traces through Zanzibar 305 P.S. to this same common ancestry as the sires listed above. In fact, the first 8 bulls whose names are listed in Table II and 10 of the first 12 trace directly to Presto 14 P.S., thus showing that the real bulls of the breed, prepotent enough to transmit extremely high production, all trace directly to a common ancestry. From the list of sires given in this table, it can be clearly seen that a sire having only one extremely high producing daughter is not always the sire that can be relied upon for high average production. It is the sire that has a large percentage of high producing daughters that can be counted on to increase the average production of the breed.

Box of Rich Peak 51472	26	20	0	0	0	2	8	1914
Cardinal's Masher 20987	24	20	11	1	0	2	8	1911
Emerson's Masher 21363	15	7	5	0	0	2	7	1914
Charmant's King 11746	48	28	10	3	0	2	6	1908
John G. of Sigewater 20467	37	24	7	1	0	2	8	1911
Ledyard Boy 11874	29	24	10	5	0	2	6	1908
Reputation of Partage 10995	25	6	10	0	0	2	8	1908



TABLE III.

List of Sires Having Two or More Equivalent to 800 Pound Butterfat Daughters

NAME OF SIRE	No. Reg. daughters	No. Reg. Sons	No. A.R.O. daughters	No. A.R.O. Sons	No. Equiv. to 1000# daughters	No. Equiv. to 800# daughters	No. Equiv. to 600# daughters	Year of Birth
1. King of the May 9001	52	35	32	24	1	8	25	1903
2. Bell-Founder - 11681	27	21	17	0	1	5	10	1906
3. King of Chilmark - 20798	57	39	11	0	0	5	9	1911
4. Ne Plus Ultra - 15265	78	59	38	12	1	4	34	1909
5. Golden Secret of Lilyvale 10028	37	36	23	6	1	4	17	1904
6. Langwater Hayes Rosie's King of the May - 16723	45	42	17	1	0	4	13	1910
7. Lavanton - 11611	12	8	10	2	0	4	10	1905
8. Langwater Royal - 14253	49	40	22	2	0	3	12	1908
9. Governor I of the Chene-10563	52	19	22	2	1	3	12	1904
10. Langwater Warrior - 26509	49	56	6	0	0	3	11	1913
11. Golden Noble II. - RGAS 1836	X	X	29	6	0	3	11	1905
12. Golden Lassie's Julian - 27704	26	19	11	0	0	3	10	1913
13. Masher's Galore - 8572	41	24	22	8	0	3	10	1901
14. Langwater Cavalier - 21012	55	51	11	0	0	3	9	1911
15. Langwater Stars and Stripes - 21872	34	32	10	0	1	2	9	1912
16. Imp. Holden IV.-12179	62	54	8	4	1	2	5	1906
17. Dolly Dimple's May King of Langwater - 12997	25	20	9	11	1	2	4	1907
18. Yeoman's King of the May-17053	150	111	55	5	0	2	29	1910
19. Imp. Cora's Governor of Chilmark - 8971	86	77	44	4	0	2	17	1903
20. Beda's May King - 11893	83	69	26	1	0	2	15	1907
21. May King's Vrangue of Ingleside 15430	67	56	22	4	0	2	14	1909
22. May Rose King - 8336	29	28	21	14	0	2	13	1901
23. Jethro Bass - 11366	50	49	22	6	0	2	13	1906
24. King Bell - 13482	23	22	10	2	0	2	9	1907
25. Flora's Sequel of Vimiera - 25905	37	8	19	0	0	2	9	1910
26. Florham Laddie - 20431	61	66	17	2	0	2	9	1911
27. King Masher - 11084	69	38	15	7	0	2	9	1906
28. Imp. Raymond's Pearl King 24301	66	7	15	0	0	2	8	1910
29. Rex of Rich Neck 31472	36	30	8	0	0	2	8	1914
30. Jardinier's Masher 20957	24	30	11	1	0	2	8	1911
31. Eminent Sarnia 32963	15	7	5	0	0	2	7	1914
32. Charmantis Rose King 11746	48	36	10	3	0	2	6	1905
33. John Q. of Edgewater -20967	39	24	7	1	0	2	6	1911
34. Ledyard Boy 11074	29	24	10	6	0	2	6	1905
35. Reputation of Portage -10695	25	6	10	0	0	2	6	1905



36.	Surprise RGA 52054	X	X	13	1	0	2	6	1907
37.	Missie's May Rose King of the Glen 19660	2	1	2	0	0	2	2	1911

In Table III, King of the May 9001, again heads the list with eight 800 pound daughters. Bell-Founder 11681 and King of Chilmark 20798 are second and third respectively, each having five 800 pound daughters. King of Chilmark 20798 traces through Governor of the Chene 1297 P.S. directly to Presto 14 P.S. Ne Plus Ultra 15265, Golden Secret of Lilyvale 10028, Langwater Hayes Rosie's King of the May, 16723 and Lavanton 11611 follow with four 800 pound daughters each. The blood lines of the first two mentioned have been discussed. Langwater Hayes Rosie's King of the May 16723 is sired by King of the May 9001, while Lavanton 11611 is sired by Merry Anton 8337, and grandsired by May Day 1132 EGHB, King of the May 9001 and May Day 1132 EGHB being out of the well known foundation cow May Rose II -3251 P.S. These sires are followed by seven others with three 800 pound daughters each. The remaining 140 cows of the herd with records equivalent to 800 pounds of fat or better are each sired by a different animal. The 101 cows with records equivalent to or greater than 800 pounds of fat, are sired by 37 great sires, 33 tracing directly to Presto 14 P.S., and the remaining four tracing to the Sheet Anchor strain of the St. Andrews family. Fourteen of these 37 sires listed in Table III trace within three generations of sires to May Rose King 8336, the sire of King of the May 9001, and a bull whose sire and dam both trace to Presto 14 P.S.

Lavanton 11611	2	1	2	0	0	2	2	10	1906
Exp. Bunch's Salore 8572	1	28	22	6	0	3	10	1906	
Gold Lennie's Buller -27404	28	12	6	0	3	10	1901		
Ne Plus Ultra IV -29328	28	10	0	0	1	10	1913		
Justice's Regal of the Brook	2	1	5	0	1	10	1913		
MAJ 2197	2	1	5	0	1	10	1907		



TABLE IV.

List of Sires Having Five or More Equivalent to 600 Pound Butterfat Daughters

NAME OF SIRE	No. Registered daughters	No. Reg. Sons	No. A.R.O. daughters	No. A.R.O. sons	No. Equiv. to 1000# daughters	No. Equiv. to 800# daughters	No. Equiv. to 600# daughters	Year of Birth
1. Ne Plus Ultra 15265	78	59	38	12	1	4	34	1909
2. Yeoman's King of the May-17053	150	111	55	5	0	2	29	1910
3. King of the May-9001	52	35	32	24	1	8	25	1903
4. Governor of the Chene-RGAS 1297	X	X	104	34	0	1	22	1900
5. Imp. Clara's Sequel-29414	170	54	37	12	0	1	20	1908
6. Imp. Masher's Sequel-11462	101	65	70	32	0	0	18	1900
7. Imp. Golden Secret of Lilyvale 10028	37	36	23	6	1	4	17	1904
8. Imp. Cora's Governor of Chilmark 8971	86	77	44	4	0	2	17	1903
9. Beda's May King - 11893	83	69	26	1	0	2	15	1907
10. Langwater Demonstrator-16451	155	109	41	3	0	1	15	1909
11. May King's Vrangue of Ingleside 15430	67	56	22	4	0	2	14	1909
12. Langwater Hayes Rosie's King of the May -16723	45	42	17	1	0	4	13	1910
13. Jethro Bass - 11366	50	49	22	16	0	2	13	1906
14. May Rose King -8336	29	28	21	14	0	2	13	1901
15. Governor I of the Chene-10563	52	19	22	2	1	3	12	1904
16. Langwater Royal -14253	49	40	22	2	0	3	12	1908
17. Langwater Pencoyd 21830	30	32	16	3	0	0	12	1912
18. Langwater Warrior -26509	49	56	6	0	0	3	11	1913
19. Golden Noble II- RGAS-1836	X	X	29	6	0	3	11	1905
20. Ivy Border Raider- 22243	74	69	14	0	0	1	11	1911
21. Barrington May King - 19312	34	23	17	1	0	1	11	1910
22. Imp. Galaxy's Sequel - 16904	137	72	49	23	0	0	11	1904
23. Lord Mar - 14359	93	18	30	6	0	0	11	1905
24. Langwater May King 13001	40	40	20	6	0	0	11	1907
25. Langwater Rival 14194	29	23	13	0	0	0	11	1908
26. Bell-Founder - 11681	27	21	17	0	1	5	10	1906
27. Lavanton 11611	12	8	10	2	0	4	10	1905
28. Imp. Masher's Galore 8572	41	24	22	8	0	3	10	1901
29. Gold Lassie's Julian -27704	26	19	11	0	0	3	10	1913
30. Ne Plus Ultra IV.-29328	45	42	10	0	0	1	10	1913
31. Justinee's Sequel of the Preel RGAJ 2199	X	X	37	5	0	1	10	1907



32.	Langwater Hambro - 21011	61	50	24	4	0	0	10	1911
33.	King of Chilmark -20798	57	39	11	0	0	5	9	1911
34.	Langwater Cavalier - 21012	55	51	11	0	0	3	9	1911
35.	King Masher - 11084	69	38	15	7	0	2	9	1906
36.	Florham Laddie - 20431	61	66	17	2	0	2	9	1911
37.	Imp. Flora's Sequel of Vimiera - 25905	37	8	19	0	0	2	9	1910
38.	Langwater Stars and Stripes - 21872	34	32	10	0	1	2	9	1912
39.	King Bell - 13482	23	22	10	2	0	2	9	1907
40.	Ultra May King - 27600	44	35	10	0	0	1	9	1913
41.	May Rose King II.- 13130	71	67	13	1	0	0	9	1908
42.	Victor of Pencoyd - 18901	45	42	14	0	0	0	9	1911
43.	Alderney II. RGAS -2215	X	X	18	2	0	0	9	1908
44.	Imp. Raymond's Pearl King-24301	66	7	15	0	0	2	8	1910
45.	Rex of Rich Neck - 31472	36	30	8	0	0	2	8	1914
46.	Jardiniere's Masher - 20957	24	30	11	1	0	2	8	1911
47.	Imp. Itchen May King- 25174	48	48	18	2	0	1	8	1912
48.	Itchen's Daisy's May King of Langwater - 17349	46	50	18	4	0	1	8	1910
49.	Imp. Hayes Cherub II.-25147	43	25	12	2	0	1	8	1910
50.	Imp. Sequel's Monogram RGAS 1838	83	38	27	12	0	0	8	1905
51.	Bell Buoy of Linda Vista-19430	57	57	21	0	0	0	8	1911
52.	Rinaldo - 8917	21	10	11	3	0	0	8	1903
53.	Glenwood Boy of Haddon - 4605	54	48	26	17	1	1	7	1895
54.	Eminent of Sarnie - 32963	15	7	5	0	0	2	7	1914
55.	Lord Waukesha - 10148	51	47	18	3	0	1	7	1904
56.	Jewel's Independence - 10324	38	15	10	2	0	1	7	1905
57.	King's Vanguard - 22719	38	29	7	2	0	0	7	1912
58.	Imp. Gay Boy of the Isle-16998	25	28	17	3	0	0	7	1908
59.	King Francis - 13500	15	11	8	4	0	0	7	1908
60.	Julian of Koshkonong Place-14409	14	8	10	1	0	0	7	1909
61.	Brilliant of the Gree-RGAS 2377	X	X	16	1	0	0	7	1909
62.	Charmantis Rose King - 11746	48	36	10	3	0	2	6	1905
63.	John Q. of Edgewater - 20967	39	24	7	1	0	2	6	1911
64.	Ledyard Bay - 11074	29	24	10	6	0	2	6	1905
65.	Reputation of Portage - 10695	25	6	10	0	0	2	6	1905
66.	Surprise RGAS - 2054	X	X	13	1	0	2	6	1907
67.	Spotswood Sequel - 9686	93	65	21	3	0	1	6	1904
68.	Imp. Flora's Sequel II. of Vimiera - 28603	79	19	17	0	0	1	6	1911
69.	King Masher V. - 18361	59	32	15	1	0	1	6	1910
70.	Imp. Gold Seeker of Anna Dean Farm - 26106	75	46	10	0	0	0	6	1907
71.	Glenwood's Reputation - 17687	53	50	19	2	0	0	6	1901



72.	Triple Champion - 13067	37	18	18	0	0	0	6	1907
73.	Jethro's May King of Linda Vista - 14591	35	46	12	12	0	0	6	1908
74.	May King of Linda Vista -17946	35	33	15	0	0	0	6	1909
75.	Yeksa's Tops of Gold's Boy 35280	28	24	2	0	0	0	6	1915
76.	Pretoria's King of Midlothian 22641	28	24	7	0	0	0	6	1912
77.	Langwater Royal Master - 23663	28	40	4	0	0	0	6	1912
78.	Guydette Jr. 11405	25	12	9	2	0	0	6	1906
79.	Langwater Holliston 28005	24	18	5	1	0	0	6	1913
80.	Rosie's Golden King of Oakhurst 31630 -	22	8	5	0	0	0	6	1914
81.	Imp. Holden IV. - 12179	62	54	8	4	1	2	5	1906
82.	Glenwood Champion - 15639	84	31	26	0	0	1	5	1906
83.	Raymond's Pioneer of Lewison 19103	46	46	10	0	0	1	5	1911
84.	Imp. Golden Secret 12599	34	28	15	13	0	1	5	1901
85.	Demonstrator of Roughwood 23133	19	15	13	0	0	1	5	1911
86.	Glenwood's Main Stay 16th.- 9384	17	21	10	1	0	1	5	1903
87.	Masher's Elsie's May King 30630	15	9	3	0	0	1	5	1914
88.	Langwater Frenchman-19226	101	97	20	3	0	0	5	1911
89.	Imp. Alderney Raymond-26357	76	14	25	2	0	0	5	1908
90.	Imp. Billy's France of the Isle - 21183	70	19	22	5	0	0	5	1908
91.	Dairymaid's Glenwood of Pinchurst III.-26948	61	51	6	0	0	0	5	1913
92.	Imp. Golden Hero of L'Etiennerie-12647	61	36	14	12	0	0	5	1903
93.	Golden Secret of Pencoyd - 23 462	60	51	14	0	0	0	5	1912
94.	Pencoyd's Golden Secret -16550	50	36	9	2	0	0	5	1910
95.	Glorenia's King Masher-27645	37	32	5	0	0	0	5	1913
96.	Dairymaid's Criterion of Java 28187	36	21	7	0	0	0	5	1914
97.	John of Riverside -21447	30	32	10	0	0	0	5	1911
98.	Don Diavolo of Linda Vista	30	31	7	0	0	0	5	1912
99.	Veribest 9845	28	17	6	0	0	0	5	1904
100.	Reservation of Chesterfield 36609	25	21	2	0	0	0	5	1915
101.	Florham Monarch 20771	24	23	10	1	0	0	5	1911
102.	Jewel's Royal Combination of Wawa 15655	18	13	9	0	0	0	5	1909
103.	Xasterilius of Nelsonville 18052	17	25	10	1	0	0	5	1910
104.	Jip's Raymond of Waddington 14374	13	8	8	0	0	0	5	1909



105. Masher RGAS 63	X	X	33	9	0	0	5	1904
106. Deanie's Squire - 2734	X	X	17	0	0	0	5	1910

Table IV. shows that Ne Plus Ultra 15265 heads the list with 34 daughters having produced at least 600 pounds of butterfat or its equivalent. Yeoman's King of the May 17053 is second with 29 daughters producing the equivalent of at least 600 pounds of butterfat, while King of the May 9001 is third with 25 daughters in the same class. Itchen Daisy III 15630 is the dam of Ne Plus Ultra 15265 and King of the May 9001 and great dam of Yeoman King of the May 17053. The fact that the first three sires of this table are so nearly related to the same cow, Itchen Daisy III. 15630, and that the first 51 individuals of Table IV. trace through their sires to Presto 14 PS as a common ancestor, would seem to show beyond a doubt that blood lines are an important factor in the transmission of high production.

From the study of the pedigrees of the 2673 cows that have produced 600 pounds of fat or the equivalent, it was found that 959 of these cows were sired by 106 sires that are listed in Table IV. The remaining 1714 cows were sired as follows:

45 sires with 4 equivalent to 600 lb. daughters each - -	180
98 sires with 3 equivalent to 600 lb. daughters each - -	294
231 sires with 2 equivalent to 600 lb. daughters each - -	462
778 sires with 1 equivalent to 600 lb. daughter each - -	<u>778</u>
Total - - - - -	1714

In other words, the 2673 cows that qualified in the equivalent to 600 pound list were sired by 1152 different bulls, but only 106 of these sires had as many as 5 equivalent to 600 pound daughters each to their credit. Of the 106 sires listed in the above table, 91 trace to Presto, 13 to St. Andrews, and the remaining 2 to Herald.



In order to combine Tables II, III and IV in such a way as to show the individual merit of each sire, irrespective of the class in which his offspring caused him to be placed, a system of credits was used and each sire placed according to this arbitrary score.

A sire great enough to produce one equivalent 600 lb. butterfat daughter was given a score of	4 pts.
A sire great enough to produce one 800 lb. butterfat daughter was given a score of	5 pts.
A sire great enough to produce one equivalent 1000 lb. butterfat daughter was given a score of	6 pts.

At first glance these figures seem unfair, but when it is considered that a study of the Advanced Register Records revealed 2673 cows with a score of four or more, it is believed that this is a fair score. To produce the equivalent to 800 pounds of butterfat, a cow must necessarily produce 600 pounds and hence would score 4 plus 5, or a total of 9 points. Likewise a 1000 pound butterfat cow would score 4 plus 5 plus 6, or 15 points.

Only those sires whose offspring were good enough to score 25 points were considered. It might be criticised that this system is unfair as it entirely eliminates a sire that has produced a single 1000 daughter. This is true and was done advisedly for this reason: A careful study of those individuals producing only one 1000 pound butterfat cow, leads to the belief that this is the only great daughter they ever will produce. The fact that sufficient time has passed to give these sires a chance to show their merit, and no other great individual has appeared, seems sufficient proof that they are not prepotent sires, and not great enough to be considered in a table of the best and most prepotent transmitters of production of the Guernsey Breed.



TABLE V.

Combined List of Sires of Great Producing Daughters.

	No. Daughters Producing Equivalent to			Total Score
	1000 lb. fat	:800 lb. fat	: 600 lb. fat :	
1. Ne Plus Ultra 15265	1	4	34	162
2. King of the May 9001	1	8	25	146
3. Yeoman's King of the May- 17053	0	2	29	126
4. Imp. Golden Secret of Lily- vale 10028	1	4	17	94
5. Gov. of the Chene 1297 PS	0	1	22	92
6. Imp. Clara's Sequel 29414	0	1	20	85
7. Imp. Cora's Gov. of Chilmark 8971	0	2	17	78
8. Langwater Hayes Rosie's King of the May 16723	0	4	13	72
9. Imp. Masher's Sequel 11462	0	0	18	72
10. Bell-Founder 11681	1	5	10	71
11. Gov. I of the Chene 10563	1	3	12	69
12. May King's Vrangue of Ingleside 15430	0	2	14	66
13. Langwater Demonstrator 16451	0	1	15	65
14. Langwater Royal - 14253	0	3	12	63
15. Jethro Bass 11366	0	2	13	62
16. May Rose King 8336	0	2	13	62
17. King of Chilmark 20798	0	5	9	61
18. Lavanton 11611	0	4	10	60
19. Langwater Warrior 26509	0	3	11	59
20. Golden Noble II. 1836 PS	0	3	11	59
21. Langwater Cavalier 21012	0	3	9	56
22. Gold Lassie's Julian 27704	0	3	10	55
23. Imp. Masher's Galore 8572	0	3	10	55



24.	Langwater Stars and Stripes 21872	1	2	9	52
25.	Imp. Border Raider 22243	0	1	11	49
26.	Barrington May King 19312	0	1	11	49
27.	Langwater Pencoyd 21830	0	0	12	48
28.	Florham Laddie 20431	0	2	9	46
29.	King Masher 11084	0	2	9	46
30.	Imp. Flora's Sequel of Vimiera 25905	0	2	9	46
31.	King Bell 13482	0	2	9	46
32.	Ne Plus Ultra IV. 29328	0	1	10	44
33.	Imp. Galaxy's Sequel 16904	0	0	11	44
34.	Lord Mar 14359	0	0	11	44
35.	Langwater May King 13001	0	0	11	44
36.	Langwater Rival 14194	0	0	11	44
37.	Justinee's Sequel of the Preel 2197 PS	0	1	10	44
38.	Imp. Raymond's Pearl King 24301	0	2	8	42
39.	Rex of Rich Neck 31472	0	2	8	42
40.	Jardiniere's Masher 20957	0	2	8	42
41.	Ultra May King 27600	0	1	9	41
42.	Langwater Hambro 21011	0	0	10	40
43.	Glenwood Boy of Haddon 4605	1	1	7	39
44.	Eminent of Sarnia 32963	0	2	7	38
45.	Imp. Itchen May King 25174	0	1	8	37
46.	Itchen's Daisy's May King of Langwater 17349	0	1	8	37
47.	Imp. Hayes Cherub II. 25147	0	1	8	37
48.	May Rose King II. 13130	0	0	9	36
49.	Victor of Pencoyd 18901	0	0	9	36
50.	Imp. Holden IV. 12199	1	2	5	36
51.	Alderney II 2215 PS	0	0	9	36
52.	John Q. of Edgewater 20967	0	2	6	34
53.	Charmante's Rose King 11746	0	2	6	34
54.	Ledyard Bay 11074	0	2	6	34
55.	Reputation of Portage 10695	0	2	6	34
56.	Surprise 2054 PS	0	2	6	34
57.	Lord Waukesha 10148	0	1	7	33
58.	Jewel's Independence 10324	0	1	7	33
59.	Imp. Sequel's Monogram 1838 PS	0	0	8	32
60.	Bell Buoy of Linda Vista 19430	0	0	8	32
61.	Rinaldo 8917	0	0	8	32
62.	Dolly Dimple's May King of Langwater-12997	1	2	4	32
63.	Imp. Flora's Sequel II of Vimiera 28603	0	1	6	39
64.	Spotswood Sequel 9686	0	1	6	29
65.	King Masher 5th 18361	0	1	6	29
66.	King's Vanguard 22719	0	0	7	28
67.	Imp. Gay Boy of the Isle 16998	0	0	7	28
68.	King Francis 13500	0	0	7	28
69.	Julian of Koshkonong Place 14409	0	0	7	28



70.	Brilliant of the Gree	2377 PS	0	0	7	28
71.	Glenwood Champion	15639	0	1	5	25
72.	Imp. Golden Secret	12599	0	1	5	25
73.	Demonstrator of Roughwood	23133	0	1	5	25
74.	Masher's Elsie's May King	30630	0	1	5	25
75.	Glenwood's Mainstay	9384	0	1	5	25

A study of the foregoing tables is sufficient to convince one that Ne Plus Ultra 15265 and King of the May 9001 are two of the greatest and most prepotent sires of the Guernsey breed. A study of their pedigrees, as given below, will reveal the breeding of these two most important bulls. From his pedigree, we can see that King of the May 9001 is nothing less than the concentration of the blood of May Rose II 3251 PS, that most important foundation cow of the breed. King of the May was sired by May Rose King 8336, a son of May Rose 3251 PS, and out of Itchen Daisy III 15360, a grand-daughter of that same foundation cow. Ne Plus Ultra 15265, on the other hand, was sired by Dolly Dimple's May King of Langwater 12997, the greatest son of King of the May 9001, and out of Itchen Daisy III 15630. Thus we can see how King of the May 9001 and Ne Plus Ultra 15265 were bred, and how the intensification of the blood of May Rose II 3251 PS has been carried out in the production of such important Guernsey sires. Although May Rose II 3251 PS is known as the foundation cow of this most important strain, and her blood was in all probability responsible for the wonderful production of her descendants, the cow Itchen Daisy III 15630 is due special consideration on account of being the dam of the two great bulls, King of the May 9001 and Ne Plus Ultra 15265. She is also the dam of the bull, Itchen Daisy's May King of Langwater 17349, whose daughters are showing up extremely well as producers. Any cow capable of producing offspring of the calibre of the above named bulls should have a place among the greatest females of the breed.



Yeoman's King of the May 17053, Golden Secret of Lilyvale 10028, and Governor of the Chene 1297 PS are next in order of importance, and their pedigrees are listed below. Of the sires in Table V, one traces to Herald 206 FS, 5 to St. Andrews 1st. 1 FS, and the remaining 69 to Presto 14 PS. Yeoman's King of the May 17053 is an intensification of Presto blood. In the fourth generation thru top crosses of Loyal of the Hunguets 978 PS brings a strong intensification of this sire mingling with May Rose II 3251 PS and France blood. Golden Secret of Lilyvale 10028 and Governor of the Chene 1297 PS, are similar in breeding, in that both are a cross of an intensification of the blood of Presto 14 PS.

Table VI gives the genealogy of the great Guernsey sires that have proved themselves, by the records of their daughters, capable of transmitting high yearly production. The table is read as follows: The sire at the top of the family, or the first sire listed in each family, is the animal from which all under him have been descended. In case a sire has only one son in the list, the name of the son is placed immediately under the name of the sire and slightly to the right. In case a sire has more than one important son, a perpendicular line is dropped from under the first letter of the name of the sire, and the sons are all numbered and listed along this line. In case it was necessary to trace an animal through his dam in order to connect him up to a given family, the name of the cow was inserted and printed in capital type. As an example of the method of reading this table, we can take the great bull, King of the May 9001. This bull has 9 sons listed along the perpendicular line dropped below the first letter of his name. On the other hand, King of the May 9001 was sired by May Rose King 8336, one of the 3 most important descendants of the cow, May Rose II 3251 PS, she, in turn, being the daughter of Pharaon 43 PS and the grand-daughter of Presto 14 PS.



The number in parenthesis after the names of the sires listed in Table VI should be read as follows: The first number indicates the number of registered daughters of the sire to the left of the parenthesis; the second figure, the number of his registered sons; the third figure, the number of his Advanced Register daughters; the fourth figure, the number of his Advanced Register sons; the fifth figure, the number of his daughters that have produced an equivalent to or more than 1000 pounds of butterfat; the sixth figure, the number of his daughters that have produced an equivalent to or more than 800 pounds of butterfat; and the seventh figure, the number of his daughters that have produced an equivalent to or more than 600 pounds of butterfat. In the formulation of these tables, a cow having a record greater than 1000 pounds of butterfat was counted in the 600, 800, and 1000 pound or equivalent classes, for the simple reason that her record would be greater than the requirements for entry in any of these classes. Where X is marked instead of a number, it indicates that the corresponding number could not be found for that particular sire.



Dolly Dimple's  
May King of Lang  
water  
12997

Imp. King of the  
May  
9001

Dolly Dimple  
19144

Imp. May Rose  
King 8226

Imp. Itchen  
Daisy 3d.  
15630

Imp. Yeoman  
8618

Dolly Bloom  
12770

Loyal of the  
Hunguets 978 PS

May Day  
1132 EGHB

Imp. Itchen  
Daisy 3d.  
15630

May Rose II  
3251 PS

Active Lad  
653 EGHB

Daisy's Gem  
3341 EGHB

Lady de Sausernarez  
3056 EGHB

Frances Jewel Boy of the Hunguets  
3d. 1124 PS 978 PS \*

France V 3727 PS

May Rose II  
3251 PS

Pharaon 43 PS \*

May Rose 1392 PS

Jubilee de la  
Masse 1083 PS

Loyal of the  
Hunguets 978 PS \*

May Rose II 3251 PS

Daisy's Gem  
3341 EGHB

Active Lad  
653 EGHB \*

Lady de Sausernarez  
3056 EGHB

Yeo  
1440 EGHB

Claremont of West-  
wood 1091 EGHB \*

Claremont Hyacinth  
4740 EGHB

Imp. Hayes  
Rosie 15476

Jumbo (Of Alderney)

Flower "

Swan  
5846

Paxinosa 4454

Kitty Clover 8803

Questa  
11385

Prince of Primrose  
3946

Louisa of Sedgefield  
5210

Santem 283 FS

Willing Lad 752 PS \*

Beauty of the  
Fauxquets 1799  
FS

Ransom 3d. 348 PS \*

Pharaon  
43 PS

Presto 14 PS \*

Lady Rose of the  
Adams 323

May Rose  
1392 PS

Governor L'Etiennerie  
641 PS \*

Mimic 787 PS

Maid of the Mist  
1580 PS

Minnie VIII  
2723 PS

Well Known 264 FS

Minnie 443 FS

\* Tracing to Presto 14 PS



<p>Imp. May Rose King 8336</p>	<p>Itchen Jewel 1124 PS</p>	<p>Loyal of the Hunguets 978 PS</p>	<p>Santeur 283 FS</p>	<p>Willing Lad 752 PS *</p>
<p>Imp. May Rose King 8336</p>	<p>May Rose II 3251 PS</p>	<p>Imp. La Belle Francisca 16689</p>	<p>Beauty of the Fauxquets I 1799 FS</p>	<p>Ransom 3d. 348 PS *</p> <p>Rydale 475 PS *</p> <p>Lydido 1091</p>
<p>King of the May 9001</p>	<p>May Rose II 3251 PS</p>	<p>Pharaon 43 PS</p>	<p>Imp. La Belle France 14454</p>	<p>Archibald 442 PS</p> <p>Imp. France II 6359</p> <p>Premier 31 *</p> <p>Mingnonne 382</p> <p>Lady Rose of the Duke of Argyle 44 Adams 323</p> <p>La Belle I.</p>
<p>Imp. Itchen Daisy 3d 15630</p>	<p>Jubilee de la Masse 1083 PS</p>	<p>May Rose 1392 FS</p>	<p>Presto 14 PS</p>	<p>Willing Lad 752 PS *</p>
<p>Imp. Itchen Daisy 3d 15630</p>	<p>Daisy's Gem 3341 EGHB</p>	<p>Loyal of the Hunguets 978 PS</p>	<p>Beauty of the Fauxquets I. 1799 FS</p>	<p>Ransom 3d. 348 PS *</p> <p>Presto 14 PS *</p> <p>Lady Rose of the Adams 323</p>
<p>* Tracing to Presto 14 PS</p>	<p>Active Lad 653 EGHB</p>	<p>May Rose 1392 FS</p>	<p>Pharaon 43 PS</p>	<p>Governor L'Etienne 641 PS *</p> <p>Maid of the Mist 1580 PS</p> <p>Well Known 264 FS</p> <p>Minnie 443 FS</p>

\* Tracing to Presto 14 PS



Imp. Yeoman  
8618

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Yeoman's  
King  
of the  
May  
17053

---

Florham Daisy  
18115

Yeo 1440 EGHB

---

Imp. Hayes  
Rosie 15476

---

Imp. May Rose  
King 8336

---

Imp. Ithen  
Daisy 3d.  
15630

Claremont of  
Westwood Ho  
1091 EGHB

---

Claremont  
Hyacinth  
4740 EGHB

---

Jumbo  
(On Alderney)

---

Flower  
(On Alderney)

---

Frances Jewel 3d  
1124 PS

---

May Rose 2d.  
3251 PS

---

Jubilee de la  
Masse 1083 PS

---

Daisy's Gem  
3341 EGHB

Loyal of the  
Hunguets 978 PS

---

Lily of Calais  
1604 FS

---

Beaconsfield

---

Blyth 1st.

---

Loyal of the  
Hunguets  
978 PS

---

France V.  
3727 PS

---

Pharaon 43 PS

---

May Rose  
1392 FS

---

Loyal of the  
Hunguets 978 PS

---

May Rose II  
3251 PS

---

Active Lad  
653 EGHB

---

Lady de Sauser-  
narez 3056  
EGHB

Santeur 283 FS \*

---

Beauty of the  
Fauzquets I 1799 FS

---

Ajax 208 PS

---

Pro of M. Le Monie  
(Of Guernsey)

---

Santeur 283 FS \*

---

Beauty of the  
Fauxquets 1799 FS

---

Masher 705 PS \*

---

France 3d 3018

---

Imp. Presto of Preel  
571 \*

---

Lady Rose of the  
Adams 323 FS

---

Santeur 283 FS \*

---

Beauty of the  
Fauxquets 1799 FS

---

Pharaon 43 PS \*

---

May Rose 1392 FS

---

Mimic 787 PS \*

---

Mimmie VIII 2723 PS

\* Tracing to Presto



Massachusetts

293 FS

Carey I  
1989 FS

Columbia  
1185 PS

Daisy des  
Vinaires  
1925 FS

Golden Secret  
RGAS 1314 PS

Toby 685 PS

Sir Modred 489 PS

Penny Come Quick  
2d. 821 PS

Reduse 2d. 2732 PS

Rose of Gold  
3668 PS

Gold Drop II  
of Mont Arrive  
2658 PS

Melbourne 238

Gold Drop of Mont  
Arrive 995

Pharaon  
43 PS

Presto 14 PS \*

May Rose II  
3251 PS

Lady Rose of the  
Adams 323

May Rose  
1392 FS

Golden Secret  
of  
Lilyvale  
10028

Squire of the  
Ponchez 837 PS

Pas Mal 542 PS

Bienfaitrice  
27 PS

Silver Stream  
935 PS

Nora du tertre  
I. 3248 PS

Maximus 595 PS

Polly du tertre I  
1491 FS

Klondyke  
1066 PS

Boule d'Or 529 PS

Clarissa IV  
3801 PS

Cavalier 700 PS

Lily 2d. de la  
maison de Bxas 773 PS

Clarissa II  
1821 FS

Clarissa 1655

Lady Beatrice of  
Lilyvale  
RGAS 5375 PS

Presto 14 PS \*

Golden Fleece  
II 366 PS

Golden Fleece 214

Beauty of Epsom

(Sonia)

Sarnia 1154

Tracing to Presto 14 PS

Beatrice of the  
Cotils  
1938 PS

Loyal

Avy 2d. 1290

Avy 989

Loyal

Maggie



Bright Ruby  
760 PS

Pas Mal 542 PS \*

Guernsey Pro-  
duce 932 PS

Vallaise 2d. 1704  
PS

Single Daisy  
1917 FS

Recorder 1029 PS

Captain  
513 PS

The Hermit 254

De Garis' Beauty  
IV. 2941 PS

Precieuse II 156 PS

De Garis' Beauty  
I 2488 PS

Andros 134 PS

Compact 1076 PS

Daisy 471

Sabina  
2005 FS

Rydale  
475 PS

Volage 98 PS \*

Governor of  
the Chene

Rydale III  
767 PS

Maidenhead 1594

RGAS 1297 PS

Merry Bell II  
1629 PS

Duke 2d. 25 FS

Rydale V  
982 PS

Merry Bell 565

Merry Bell II  
1629 PS

Duke II 25 FS

Duke 1st. 74 FS

Richesse du  
Chene VIII  
4004 PS

Merry Bell 565

Rose du Varionf 269

Guy Fawkes 79

Consul I  
537 PS

Sir Francis  
234 PS

King Charles 178 PS

Daisy of Frogmore  
1216

\* Tracing to Presto 14 PS

Richesse du  
Chene II  
2958 PS

Glen 2d.  
945 PS

Welcome 198

Richesse du  
Chene  
1659 PS

Glen 1191



TABLE VI. Section I.

- Presto RGAS 14 PS (X-X-X-X-0-0-0)
- : 1. Fernwood Royal 645 (X-X-X-X-0-0-0)
  - : Bonny Boy 1097 (X-X-X-X-0-0-0)
  - : Sammy of Paulsdale 1748 (X-X-X-X-0-0-0)
  - :(5) : Sammy Jr. 3054 (X-X-X-X-0-0-0)
  - : Sammy's Sampson 4483 (X-X-X-X-0-0-0)
  - : Lord Yeksa 6451 (24-21-7-7-0-1-1)
  - : Lord Waukesha 10148 (51-47-18-2-0-1-7)
  - : 2. Pharon Dora's Boy of Sunny Valley 24470 (36-23-3-1-0-0-3)
  - :(10) : Yeksa's Top's of Gold's Boy 35280 (28-24-2-0-0-0-6)
  - : 2. Pharon 43 PS (X-X-X-X-0-0-0)
  - : MAY ROSE II RGAS 3251
  - : : 1. May Day 1132 EGHB (X-X-X-X-0-0-1)
  - : : Merry Anton 8337 (6-5-3-1-0-0-1)
  - :(15) : : Lavanton 11611 (12-8-10-2-0-4-10)
  - : : Rex of Rich Neck 31472 (26-30-8-0-0-2-8)
  - : : 2. ROSE OF GOLD RGAS 3668 PS
  - : : Golden Secret 12599 (34-28-15-13-0-1-5)
  - :(20) : : 1. Itchen Raider 1679 EGHB (X-X-X-X-0-0-0)
  - : : Moss Raider 22155 (40-26-7-2-0-0-0)
  - : : Itchen Red Raider 2042 (32-22-3-3-0-0-0)
  - : : :1Border Raider 22243 (74-69-14-0-0-1-11)
  - : : :2Itchen May King 25174 (48-48-18-2-0-1-8)
  - :(25) : : 2. Itchen Royal 1756 EGHB (X-X-X-X-0-0-0)
  - : : Hayes Branch 2034 EGHB (X-X-X-X-0-0-0)
  - : : Hayes Cherub II 25147 (43-25-12-2-0-1-8)
  - : : 3. Golden Noble 10538 (18-6-5-5-0-0-2)
  - : : Golden Noble II RGAS 1836 (X-X-29-6-0-3-11)
  - :(30) : : 4. Golden Secret of Lilyvale 10028 (37-36-23-6-1-4-17)
  - : : 5. Victor of Pencoyd 18901 (45-42-14-0-0-0-9)
  - : : 6. Goldseeker of Anna Dean Farm 26106 (75-46-10-0-0-0-6)
  - : : 7. Pencoyd's Golden Secret 16550 (50-36-9-2-0-0-5)
  - : : 8. Golden Secret of Pencoyd 23462 (60-51-14-0-0-0-5)
  - :(35) : : 3. May Rose King 8336 (29-28-21-14-0-2-13)
  - : : 1. King of the May 9001 (52-35-32-24-1-8-25)
  - : : : 1. Dolly Dimple's May King of Langwater 12997 (25-20-9-11-1-2-4)
  - : : : : 1. Ne Plus Ultra 15265 (78-59-38-12-1-4-24)
  - : : : : : 1. Ne Plus Ultra 4th 29328 (45-42-10-0-0-1-10)
  - :(40) : : : : 2. Florham Laddie 20431 (61-66-17-2-0-2-9)
  - : : : : 3. Florham Monarch 20771 (24-23-10-1-0-0-5)
  - : : : : 4. King's Vanguard 22719 (38-29-7-2-0-0-7)
  - : : : : 5. Reservation of Chesterfield 36609 (25-21-2-0-0-0-5)
  - : : : : 2. Langwater Cavalier 21012 (55-51-11-0-0-3-9)
  - : : : : 3. Langwater Demonstrator 16451 (155-109-41-2-0-0-15)
  - :(45) : : : : Demonstrator of Roughwood 23133 (19-15-13-0-0-1-5)
  - : : : : 4. Langwater Frenchman 19226 (101-97-20-3-0-0-5)
  - : : : : 5. Langwater Hambro 21011 (61-50-24-4-0-0-10)
  - : : : : 6. Langwater Pencoyd 21830 (30-32-16-3-0-0-12)



- : : : 7. Itchen's Daisy May King of Langwater 17349(45-50-18-4-0-1-8)
- :(50) : : : Sir Elsax of Glentwinie
- : : : Masher's Elsie's May King 30630 (15-9-3-0-0-1-5)
- : : : 2. Jethro Bass (50-49-22-6-0-2-13)
- : : : : 1. Langwater Rival 14194 (29-23-12-0-0-0-11)
- : : : : 2. Jethro's May King of Linda Vista 14591 (25-46-12-0-0-0-6)
- :(55) : : : : 1. Bell Buoy of Linda Vista 19430 (57-57-21-0-0-0-8)
- : : : : 2. Don Bernardo of Linda Vista 20617 (31-40-3-1-0-0-2)
- : : : : : Ultra May King 27600 (44-35-10-0-0-1-9)
- : : : : : 3. Langwater Holliston 28055 (24-18-5-1-0-0-6)
- : : : : : 4. Don Diavolo of Linda Vista 23565 (30-31-7-0-0-0-5)
- :(60) : : : 3. May King of Ingleside 12558 (37-32-22-4-0-0-4)
- : : : : May King's Vrangue of Ingleside 15430 (67-56-32-4-0-2-14)
- : : : : 4. Langwater Stars and Stripes 21872 (34-32-10-0-1-2-9)
- : : : : 5. Langwater Hayes Rosie's King of the May 16723 (45-42-17-1-0-4-12)
- : : : : 6. Langwater Royal 14253 (49-40-22-2-0-3-12)
- :(65) : : : : 7. Langwater Warrior 26509 (49-56-6-0-0-3-11)
- : : : : 8. George Washington of Fairfield Farm 10866 (38-63-11-5-0-0-2)
- : : : : Pretoria's King of Midlothian 22641 (28-24-7-0-0-0-6)
- : : : : 9. Langwater Royal Master 23683 (28-40-4-0-0-0-6)
- : : : 2. Beau Regal 13448 (46-17-8-3-0-1-2)
- :(70) : : : Missy's May Rose King of the Glen 19660 (2-1-2-0-0-2-2)
- : : : 3. Langwater May King 13001 (40-40-20-6-0-0-11)
- : : : : May King of Linda Vista 17946 (35-32-15-0-0-0-6)
- : : : : 4. King Bell 13492 (23-22-10-2-0-2-9)
- : : : : Barrington May King 19312 (34-22-17-1-0-1-11)
- :(75) : : : Rosie's Golden King of Oakhurst 31630 (22-8-5-0-0-0-6)
- : : : : 5. King Francis 13500 (15-11-8-4-0-0-1)
- : : : : 6. Beda's May King 11893 (86-69-26-1-0-2-15)
- : : : : 7. May Rose King II 13130 (71-62-11-1-0-0-8)
- : : : : (See page 2)
- : : : : 8. Veribest 9845 (28-17-6-0-0-0-5)
- :(80) Presto RGAS 14 PS (X-X-X-X-0-0-0)
- : 3. Volage RGAS 98 PS (X-X-X-X-0-0-0)
- : Rydale RGAS 475 PS (X-X-X-X-0-0-0)
- : Masher RGAS 63 FS (X-X-X-X-0-0-0)
- : : 1. Masher II RGAS 858 PS (27-14-8-5-0-0-0)
- :(85) : : : 1. Frances Masher II 7248 (28-11-12-5-0-0-3)
- : : : : 1. Masher's Sequel 11462 (101-65-70-32-0-0-18)
- : : : : : 1. Raymond of the Preel 11353 (75-58-17-14-0-0-0)
- : : : : : Raymond of the Preel IV. 19235 (74-26-17-11-0-1-4)
- : : : : : : 1. Jip's Raymond of Waddington 14374 (13-8-8-0-0-0-5)
- :(90) : : : : : 2. Raymond's Pearl King (66-7-15-0-0-2-8)
- : : : : : 2. Sequel's Monogram RGAS 1838 (83-38-27-12-0-0-8)
- : : : : : : 1. Alderney II RGAS 2215 (X-X-18-2-0-0-9)
- : : : : : : 2. Deanie's Squire RGAS 2734 (X-X-17-0-0-0-5)
- : : : : : : 2. Clara's Sequel 29414 (170-54-37-12-0-1-20)
- :(95) : : : : : Flora's Sequel II of Vimiera 28603 (79-19-17-0-0-1-6)
- : : : : : 3. Galaxy's Sequel 16904 (137-72-49-23-0-0-11)
- : : : : : : Justinee's Sequel of the Preel RGAS 2199 (X-X-37-5-0-1-10)
- : : : : : : 4. Spottswood's Sequel 9686 (93-65-21-3-0-1-6)
- : : : : : : 5. Frances Jewel V 11396 (20-32-7-1-0-0-0)



- :(100) : : : : Jewel's Royal Combination of Wawa 15655 (18-13-9-0-0-0-5)
- : : : : 6. Billy's Frances 12476 (27-16-7-4-0-0-1)
- : : : : Billy's France of the Isle 21183 (70-19-22-5-0-0-5)
- : : : : 7. Raymond's Pioneer of Lavison 19103 (46-46-10-0-0-1-5)
- : : : : 2. Masher's Masher 13147 (X-X-X-X-0-0-0)
- :(105) : : : : Jardiniere's Masher 20957 (24-30-11-1-0-2-8)
- : : : : 3. Masher's Galore 8572 (41-24-22-8-0-3-10)
- : : : : King Masher 11084 (69-38-15-7-0-2-9)
- : : : : Gloriana's King Masher 27645 (37-32-5-0-0-0-5)
- : : : : King Masher 5th. 18361 (59-32-15-1-0-1-5)
- :(110) : : 2. Guernsey Champion 8218 (7-12-2-4-0-0-0)
- : : : : Triple Champion 13067 (37-18-18-0-0-0-6)
- : : : : 3. Bell-Metal 9052 (X-X-X-X-0-0-0)
- : : : : Bell-Founder 11681 (27-21-17-0-1-5-10)
- : : : : 4. Victor des Roquettes 1057 PS (X-X-X-X-0-0-0)
- :(115) : : Interest 1259 PS (X-X-X-X-0-0-0)
- : : FRANCE XIV
- : : Frances Jewel VII 10564 (9-3-5-1-0-0-0)
- : : Jewel of Koshkonong Place 12202 (15-21-9-2-0-0-0)
- : : Julian of Koshkonong Place 14409 (14-8-10-1-0-0-7)
- :(120) : : Gold Lassie's Julian 27704 (26-19-11-0-0-3-10)
- : : 2. Romulus VI. 979 PS (X-X-X-X-0-0-0)
- : : Rival of Mont Marche RGAS 1164 PS (X-X-X-X-0-0-0)
- : : Mate 1270 PS (X-X-X-X-0-0-0)
- : : Prince of La Vrangue RGAS 1493 PS (X-X-X-X-0-0-0)
- :(125) : : Lord Mar 14359 (93-18-30-6-0-0-11)
- : : 3. Imp. Alderney Raymond 26357 (76-14-25-2-0-0-5)
- : : 4. Marcus RGAS 56 PS (X-X-X-X-0-0-0)
- : : Zanzibar RGAS 305 PS (X-X-X-X-0-0-0)
- : : 1. Pas Mal RGAS 542 PS (X-X-X-X-0-0-0)
- :(130) : : Bright Ruby 760 PS (X-X-X-X-0-0-0)
- : : Guernsey Produce 932 PS (X-X-X-X-0-0-0)
- : : Recorder 1029 PS (X-X-X-X-0-0-0)
- : : Compact RGAS 1076 PS (X-X-X-X-0-0-0)
- : : Governor of the Chene RGAS 1297 PS (X-X-104-34-0-1-22)
- :(135) : : 1. Golden Hero of L'Etienneire 12647 (61-36-14-12-0-0-5)
- : : 1. Golden Hero of the Vauxbelets 1929 EGHB (X-X-X-X-0-0-0)
- : : Trengwainton Golden Prince 2530 EGHB (X-X-X-X-0-0-0)
- : : Laddock Cowboy 2785 EGHB (X-X-X-X-1-1-1)
- : : 2. Holdon IV 12179 (62-54-8-4-1-2-5)
- :(140) : : John Q. of Edgewater 20967 (39-24-7-1-0-2-6)
- : : 2. Coronation King IV 1704 PS (X-X-3-2-0-0-1)
- : : St. John 2065 PS (X-X-5-2-0-0-0)
- : : Flora's Sequel of Vimiera 25905 (37-8-19-0-0-2-9)
- : : 3. Cora's Governor of Chilmark 8971 (86-77-44-4-0-2-17)
- :(145) : : Archer of Chilmark 13376 (32-28-7-2-0-0-0)
- : : King of Chilmark 20798 (57-39-11-0-0-5-9)
- : : 4. The Conqueror II 15323 (55-16-17-5-0-1-4)
- : : Brilliant of the Gree RGAS 2377 (X-X-16-1-0-0-7)
- : : 5. Gay Boy of the Isle 16998 (25-28-17-3-0-0-7)



- (150) : : 6. Governor I of the Chene 10563 (52-19-22-2-1-2-12)
- : 2. Archibald RGAS 442 PS (X-X-X-X-0-0-0)
- Willing Lad 752 PS (X-X-X-X-0-0-0)
- Sauteur 283 FS (X-X-X-X-0-0-0)
- : Loyal of the Hunguets RGAS 978 PS (X-X-X-X-0-0-0)
- (155) : : 1. Claremont Westward Ho 1091 EGHB (X-X-X-X-0-0-0)
- : : Yeo 1440 EGHB (X-X-X-X-0-0-0)
- : : Yeoman 8618 (85-16-9-11-1-1-3)
- : : : 1. Langwater Monarch 20899 (6-4-4-1-0-1-4)
- : : : Langwater Fashion 23660 (25-25-4-0-1-1-2)
- (160) : : : 2. Yeoman's King of the May 17053 (150-111-55-5-0-2-29)
- : : 2. Harley of Chinral 1182 PS (X-X-X-X-0-0-0)
- AMY OF ST. ANDREWS
- Taylor's Nelson 1775 a PS (X-X-4-2-0-0-1)
- (164) : : Surprise RGAS 2054 PS (X-X-13-1-0-2-6)

TABLE VI. Section II.

- St. Andrews 1st. RGAS 1 FS (X-X-X-X-0-0-0)
- : 1. Duke 1st. 74 RGAS (X-X-X-X-0-0-0)
- : COUNTESS OF FERNWOOD
- : Count Paulsdale 1655 (X-X-X-X-0-0-0)
- :(5) : Springer 2685 (17-26-2-4-0-0-0)
- : : 1. Filius 4397 (16-14-3-2-0-0-0)
- : : Derilius 6643 (33-30-7-4-0-0-0)
- : : Casterilius 10980 (41-23-18-2-0-0-1)
- : : : 1. Xasterilius of Nelsonville 18052 (17-25-10-1-0-0-5)
- :(10) : : : 2. Mayflower's Casterilius 13933 (X-X-X-X-0-0-0)
- : : : Joker of Riverside 21447 (30-32-10-0-0-0-5)
- : : : 2. Springunde 4302 (24-13-5-3-0-0-1)
- : : Lily Ella's Jeweller 5417 (44-28-6-7-0-0-1)
- : : Fantasia's Jeweller 7259 (X-X-X-X-1-1-1)
- ): 2. St. Andrews 2d. RGAS 2 FS (X-X-X-X-0-0-0)
- : 1. Turke RGAS 165 FS (X-X-X-X-0-0-0)
- : MISS MAGGIE
- : Lord Stranford 2187 (X-X-X-X-0-0-0)
- : Sheet Anchor 2924 (33-40-4-8-0-0-0)
- (20) : : 1. Rutila's Sheet Anchor 5701 (26-26-11-7-0-0-2)
- : : Florham King 8401 (X-X-X-X-0-0-0)
- : : Charmante's Rose King 11746 (48-36-10-3-0-2-6)
- : : Primrose King of Cedarbrook 14221 (X-X-X-X-0-0-1)
- : : Red Nugget 19393 (X-X-X-X-1-1-1)
- (25) : : 2. Mainstay 3789 (35-19-9-3-0-0-0)
- : : Glenwood's Mainstay 6067 (109-89-26-18-0-1-3)
- : : : 1. Glenwood's Reputation 7687 (53-50-19-2-0-0-6)
- : : : Reputation of Portage 10695 (25-6-10-0-0-2-6)
- : : : 2. Glenwood's Mainstay 16th 9384 (17-21-10-1-0-1-5)
- (30) : : 3. SHEET ANCHOR'S RUTILIA
- : : Rutila's Gold Basis 5625 (56-44-13-6-0-0-2)
- : : Ledyard Bay 11074 (29-24-10-5-0-2-6)



- : :Cato RGAS 137 (X-X-X-X-0-0-0)
- Forget-Me-Not 587 (X-X-X-X-0-0-0)
- (35) :1. Darius 1164 (X-X-X-X-0-0-0)
  - : Darius of Sunnyside 2716 (X-X-X-X-0-0-0)
  - : Pat of Haddon 3919 (23-2-4-1-0-0-0)
  - : Glenwood Boy of Haddon 11605 (54-48-26-17-1-1-7)
  - : : 1. Dairymaid's Glenwood of Penchurst 10548 (55-59-5-8-0-1-2)
  - (40) : : Dairymaid's Glenwood of Penchurst 3d. 26948(61-51-6-0-0-0-5)
  - : : 2. Stranford's Glenwood of Penchurst 13609 (33-38-14-8-0-1-4)
  - : : Dairymaid's Pride of Iowa 14941 (43-34-13-9-0-1-3)
    - : 1. Jessy Rosie's Pride of Iowa 23995 (56-56-7-1-0-0-3)
    - Eminent of Sarnia 32963 (15-7-5-0-0-2-7)
    - (45) : 2. Dairymaid's Criterion of Iowa 28197 (36-21-7-0-0-0-5)
    - : 3. Glenwood's Champion 15639 (84-31-26-0-0-1-5)
    - : 2. Jessie's Forget-Me-Not 3048 (X-X-X-X-0-0-0)
    - Serenade's Forget-Me-Not 3181 (X-X-X-X-0-0-0)
    - LITTLE JEWEL
    - (50) : Jewel's Independence 10324 (38-15-10-2-0-1-7)
    - : 3. Duke of Normandy 712
    - : Gully's Duke 1664
    - Gully Dean 's Lad 2529
    - Gully Dean's Lad Jr. 4141
    - (55) : Le Grand Chester
    - Le Grand Duke
    - Ollie's King of Belle Vernon
    - Ollie's King of Belle Vernon 2nd.
    - (59) : Madge Chena's King of Anna Dean Farm (X-X-X-X-1-1-1)

TABLE VI. Section III

- Herald RGAS 206 FS (X-X-X-X-0-0-0)
  - : 1. Herald II 994 (X-X-X-X-0-0-0)
  - : Herald's Select 1364 (X-X-X-X-0-0-0)
  - : Vidette 1874 (X-X-X-X-0-0-0)
  - :(5) : Guydette 3966 (7-4-5-3-0-1-3)
    - : : 1. Guydette Jr. 11405 (25-12-9-2-0-0-6)
    - : : 2. Rinaldo 8917 (21-10-11-3-0-0-8)
    - : 2. Choice 1260 (X-X-X-X-0-0-0)
    - SARINETTA 7248
    - (10) : Mekkel 3730 (X-X-X-X-0-0-0)
    - Mr. Dooley of Mapleton 6834 (X-X-X-X-0-0-0)
    - (12) : Mare of Woodcrest 9290 (15-10-10-1-1-1-3)
- Advanced Register daughters, all of which have produced an equivalent to or more than 500 pounds of butterfat, and 4 of which have produced an equivalent to or more than 500 pounds of fat. When bred to Itchen Jewel 1134 FS, May Rose II 3251 FS produced May Rose King 3395. From this bull such outstanding animals as King of the May 3001, No Plus Ultra 15265, Golly Dimple's May King of Langrester 12997,



A study of Table Vi clearly reveals the fact that the really great sires of the Guernsey breed have all been descended from a common ancestry. Section I gives all animals of note that trace to Presto 14 PS, a sire that undoubtedly had a wonderful influence upon the development of the breed. From this great sire, we have several strains or blood lines descending, the most important of which are the May Rose, Masher, and Governor of the Chene. Although it is several generations back before these strains reach a common ancestry, the very fact that they are the most important lines of the breed, and, in fact, the only lines capable of transmitting extremely high production uniformly, strongly indicates that they must have inherited their high producing qualities, together with their prepotency, from these common ancestors. Another indication that the bull Presto 14 PS, the common ancestor of the three important blood lines mentioned above, was a real determining factor in the advancement of the breed is the fact that the greatest production of all his progeny is descended from May Rose King 8336, a bull descended from him through both sire and dam. It can also be seen that all but 19 of the great sires listed in Tables II, III and IV trace to this one foundation sire, Presto 14 PS.

Another striking feature that is shown by this table is the wonderful production and prepotency of the descendants of the great foundation cow, May Rose II 3251 PS. This cow, when bred to Loyal of the Hunguets 978 PS, produced May Day 1132 EGHB, the grandsire of the bull Lavanton 11611, that has 10 Advanced Register daughters, all of which have produced an equivalent to or more than 600 pounds of butterfat, and 4 of which have produced an equivalent to or more than 800 pounds of fat. When bred to Itchen Jewel 1124 PS, May Rose II 3251 PS produced May Rose King 8336. From this bull such outstanding animals as King of the May 9001, Ne Plus Ultra 15265, Dolly Dimple's May King of Langwater 12997,



and Langwater Stars and Stripes 21872 were descended. When bred again to Penny Come Quick II 821 PS, May Rose II 3251 PS produced the cow, Rose of Gold 3668 PS. She, in turn, was the dam of Golden Secret 12599, sire of the very prepotent bull, Golden Secret of Lilyvale 10028.

The two strains, Masher and Governor of the Chene, stand out above all except the May Rose, as high producing Guernseys. They contain some very important sires, such as Clara's Sequel, Bell-Founder 11681, and Masher's Sequel 11462 of the Masher line; and Governor of the Chene 1297 PS, Governor I of the Chene 10563, Holden IV 12179, Cora's Governor of Chilmark 8971, and King of Chilmark 20798 of the Governor of the Chene line.

Section II, Table VI, shows the great sires of the breed that trace to St. Andrews 1st. Although this family has not transmitted high production to the extent found in the Presto family, it contains some sires worthy of a place among the best. By studying the tables we find that such sires as Fantasia's Jeweller 7259, the sire of Murne Cowan, Red Nugget 19393, Reputation of Portage 10695, Ledyard Bay 11074, and Glenwood Boy of Haddon 4605 trace to this line of breeding.

Section III includes the three sires, Guydette Jr. 11405, Rinaldo 8917 and Mare of Woodcrest 9290, each having high producing daughters enough to qualify in our lists of great sires. These three sires trace to Herald 206 FS, a bull having no connection with the above mentioned strains or families.



P A R T II.

Leading Guernsey Sires  
Based on the Showyard Winnings of Their Offspring.

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Any breed, to succeed, must develop animals that are attractive to breeders from the show yard viewpoint. There is always a certain class of breeders that demands almost ideal type animals. They demand animals that are excellent individuals, in order that they may exhibit them and win in the show ring. The various systems of judging in the show ring have been criticised, but this study leads one to believe that the prizes have been properly awarded to worth animals. It also shows that certain blood lines are capable of transmitting the desired types, while others are not capable of producing animals that are able to win in the show yard under the present systems of judging. This study is based entirely upon show yard winnings at the National Dairy Show, beginning with the 1910 show and using the winnings of each year that it was held. For the year 1915, the winnings of the Panama-Pacific World's Exposition were used, because there was no National Dairy Show that year. This study assumes that animals that are sufficiently ideal in type to win first, second, third, or fourth places in their respective classes, are desirable types of Guernseys. Assuming that the placings were justly made, and the authors believe that Guernsey placings have been accurately made at these shows, they can be used as a basis for an investigation to determine leading blood lines from the viewpoint of individuality. Studies have been made with prize winners at state fairs, but these results are always more or less colored by the fact that



certain progressive breeders will put out a show herd and exhibit at a number of state fairs, while other breeders with equally as good animals, and sometimes better, will exhibit their animals at probably one fair and the National Dairy Show, which is THE dairy show of America. Any animal that is of sufficiently good type to be worthy of recognition, should be good enough to win fourth place or better at a National Dairy Show. It must be admitted that in a few cases, classes have been poorly filled and rather common individuals have been able to win third or fourth place. In order to make this study comparable, it has been worked out on the basis of credits. There are some sires in this list that have never been at a National Dairy Show, but we are classifying sires on the winnings of their offspring.

A sire having a son or daughter good enough to win 4th prize is given a credit of 1 point

A sire with offspring winning 3d prize is given a credit of 2 points

A sire with offspring winning 2d prize is given a credit of 3 points

A sire with offspring winning 1st prize is given a credit of 4 points

A sire with offspring winning champion is given a credit of 5 points

A sire with offspring winning grand champion is given a credit of 6 points.

Using these credits as a basis, it was assumed that any great transmitting sire should have offspring successful enough in the show ring to give him a credit of six or more points.



TABLE VII.

Leading Guernsey Sires  
Based on showyard winnings of their offspring.

SIRE	GC	C	1	2	3	4	SCORE
1. Hayes Cherub 2d. 25147	3	7	15	11	6	5	161
2. Ladysmith's Cherub 30760	2	2	8	5	6	5	96
3. Lord Mar 14359	3	3	10	5	1	0	90
4. Itchen May King 25174	1	2	7	7	4	2	75
5. Cherub's Prince 41543	0	4	7	5	2	3	70
6. King of the May 9001	0	0	4	6	4	6	48
7. Princess Jewel RGAS 1551 PS	3	3	3	0	0	1	46
8. Glencoe's Canterbury 7728	3	3	3	0	0	0	45
9. Hayes Branch 2034 EGHB	2	2	3	1	1	0	39
10. Itchen Red Raider 2042 EGHB	2	2	2	2	0	0	36
11. Kenilworth Gold 40380	0	1	3	4	0	1	30
12. Yeoman 8618	0	2	4	0	2	0	30
13. May King of Ingleside 12558	0	2	3	0	2	2	28
14. Old Paddy 16903	1	1	2	2	0	0	25
15. Jardiniere's Masher 20957	1	1	2	2	0	0	25
16. King of Medfield 15434	0	1	3	1	0	1	21
17. Cherry's Memento of Iowa 27562	0	0	2	2	2	2	20
18. Hayes' Kitchener 2971 EGHB	0	0	3	2	0	2	20
19. Galaxy's Sequel 16904	1	1	1	0	1	2	19
20. Stranford's Glenwood of Pinehurst 3d. 16202	0	1	1	2	1	1	18
21. Ne Plus Ultra 15265	0	0	3	1	1	0	17
22. Pencoyd's Secret Marose 48332	0	0	2	2	1	1	17
23. Giltedge of Koshkonong Place 21989	1	1	1	0	1	0	17
24. May King of Linda Vista 17946	0	0	1	2	3	0	16
25. Grace's Memento 48417	0	1	2	1	0	0	16
26. Marjoram's Cherub of the Prairie 50799	0	1	1	1	1	2	16
27. Bell Buoy of Linda Vista 19430	0	0	2	1	1	2	15
28. Laddock Cowboy 2785	1	1	1	0	0	0	15
29. Lord Waukesha 10148	0	0	1	2	2	1	15
30. Moss Raider 22155	1	1	1	0	0	0	15
31. Yeo 1440 EGHB	1	1	1	0	0	0	15
32. Merry May King 50285	0	0	0	3	2	1	14
33. Governor of the Chene RGAS 1297 PS	0	0	1	2	2	0	14
34. Beda's May King 11893	0	0	1	2	1	2	14
35. Dairymaid's Pride of Iowa 14941	0	0	1	2	1	1	13
36. Flora's Raymond RGAS 2585	0	1	2	0	0	0	13
37. Glenwood's Mainstay 6067	0	0	1	2	1	1	13
38. Royal Rose King of Edgemoor 34361	0	0	1	2	1	1	13
39. Donnington Jack 2128 EGHB	0	0	1	2	0	2	12
40. Hopeful of Edgemoor 39979	0	0	0	3	0	3	12



Benton Harbor 9746	0	1	1	0	0	1	10
Dolly Dimple's May King of Langwater 12997	0	0	1	1	1	1	10
Don Bernardo of Linda Vista 20617	0	0	2	0	1	0	10
Golden Prince of Oregon 11912	0	0	0	2	2	0	10
Langwater Cavalier 21012	0	0	1	1	1	1	10
Langwater Royal 14253	0	0	2	0	1	0	10
Nancy Mac's Son of Iowa Dairy 15088	0	0	0	1	3	1	10
Pretoria's King of Midlothian 22641	0	0	1	2	0	0	10
Rhea's King of the May 14368	0	0	1	2	0	0	10
Superb of Edgemoor 49590	0	0	0	3	0	1	10
Barmouth of Pencoyd 11059	0	1	1	0	0	0	9
Darby 19602	0	1	1	0	0	0	9
Dick of Oak Hill 21368	0	1	1	0	0	0	9
King Talladeen of Chestnut Hill 13460	0	0	2	0	0	1	9
Kitchener's Express 43925	0	0	1	1	0	2	9
Langley Gay Boy 2474 EGHB	0	1	1	0	0	0	9
Milton's Cherub 1st. 3008 EGHB	0	1	1	0	0	0	9
Proud King of Edgemoor 34511	0	0	1	1	1	0	9
Robert's Boy 21662	0	0	1	1	1	0	9
Royal Golden Hero 2d. RGAS 2763 PS	0	1	1	0	0	0	9
Glenwood Chief of Clovernook 11158	0	0	0	2	1	0	8
Cherub's Winner 34180	0	0	0	1	2	1	8
King of Chilmark 20798	0	0	1	0	2	0	8
Langwater Fisherman 21873	0	0	1	0	2	0	8
Nella Jay 2d's Golden Secret of Pencoyd 41772	0	0	2	0	0	0	8
Glenwood's Combination 8927	0	0	1	1	0	0	7
Governor II of the Poidevins RGAS 2050 PS	0	0	1	1	0	0	7
Langwater Golden Secret 26510	0	0	1	0	1	1	7
Lord Yeksa 6451	0	0	0	1	2	0	7
Masher RGAS 63 FS	0	0	1	0	1	1	7
Dairymaid's Pride of Mapledell 24424	0	0	1	0	1	0	6
Florham Squire 33996	0	0	0	1	1	1	6
Glenwood's Reputation 7687	0	0	0	1	1	1	6
Gold Lassie's Julian 27704	0	0	0	1	1	1	6
Gratify 12657	0	0	0	1	1	1	6
Hayes Oliver 25149	0	0	1	0	1	0	6
Itchen Bullrush 27998	0	0	1	0	1	0	6
Jethro Bass 11366	0	0	1	0	1	0	6
May Rose King 8336	0	0	0	1	1	1	6
McKerrow's Herald Governor 30404	0	0	1	0	1	0	6
Raymond of the Preel II 13381	0	0	0	2	0	0	6
Raymond of the Preel IV 19325	0	0	1	0	1	0	6
Selma's Glenwood 12596	0	0	0	2	0	0	6
Stranford's Glenwood Brodhead 16752	0	0	1	0	1	0	6

Table VII gives a list of 84 sires that have qualified from the viewpoint of prize winning offsprings. Hayes Cherub II 25147 heads the list with 3 grand champions,



7 Junior or Senior champions, 15 firsts, 11 seconds, 6 thirds and 5 fourths, giving him a credit or score of 163. Hayes Cherub II 25147 is a grandson of Itchen Royal 1756 EGHB (see Genealogy Table VIII), tracing through Golden Secret 12599 to Presto 14 PS. Ladysmith's Cherub 30760, with 2 grand champions, 2 Senior or Junior champions, 8 firsts, 5 seconds, 6 thirds and 5 fourths is the second animal in the list with a score of 96. Lord Mar 14359 who traces through Masher 63 FS to Presto 14 PS is third. Itchen May King 25174, a son of Itchen Red Raider 2042 EGHB, is fourth. Itchen Red Raider in turn is a son of Golden Secret 12599. Cherub's Prince 41543, a son of Hayes Cherub II 25147 follows, emphasizing in a very forcible way that great sires do transmit their good qualities to their offspring and that really good individuals are the result of mating animals that have proved themselves successful breeders. It is also equally true that certain other blood lines do not possess these qualities of superior individuality, and therefore are not capable of transmitting such characteristics to their offspring.

By checking the animals listed in Table VI with the Genealogy Table VII, it will be noted that of the 84 sires, 63 trace directly to Presto 14 PS. Of the 63 sires, 21 trace directly to May Rose King 8336, and 18 to Golden Secret 12599. May Rose King 8336 is the son of May Rose II 3251 PS, while Golden Secret 12599 is out of Rose of Gold 3668 PS, and she is out of May Rose II 3251 PS. Nineteen sires trace to the St. Andrews family, and two to Yeksa's Prince 1943, bringing out very forcibly that certain families are very much more successful in the show ring than others. Of all the Guernsey sires of individuals exhibited at the National Dairy Show in the past 13 years, all of the really successful sires of winners trace to three families, while a great majority of these, 63 in number, trace to a common family.



Method of Reading Table VIII

The method of reading Table VIII is identical to that of reading Table VI, excepting the numbers following the names. Whereas in Table VI the numbers following the names referred to advanced registry sons and daughters, in this case the numbers refer to the winnings of their sons and daughters. For example, the first number in the parenthesis is the number of grand champions; the second, the number of junior or senior champions; the third, the number of first prize winners; the fourth, the number of second prize winners; the fifth, the number of third prize winners; the sixth, the number of fourth prize winners; and the last, the score or credit of that particular sire, based on the winnings of his offspring.

The names written in capital letters indicate females. All other animals are sires.

Genealogy Table VIII.  
Section I.

- Presto RGAS 14 PS
  - : 1. Fernwood Royal 645
  - : Bonny Boy 1097
  - : Sammy of Paulsdale 1748
  - :(5) : 1. Treynors
    - : Skeezicks 9979 (0-0-0-1-0-0-3)
    - : King Talladeen of Chestnut Hill 13460 (0-0-2-0-0-1-9)
  - : 2. Sammy Jr. 3054
    - : Sammy's Sampson 4483
    - :(10) Lord Yeksa 6451 (0-0-0-1-2-0-7)
    - : Lord Waukesha 10148 (0-0-1-2-2-1-15)
  - : 2. Pharon 43 PS
  - : MAY ROSE II RGAS 3251 PS
    - : 1. ROSE OF GOLD RGAS 3668 PS
    - :(15) Imp. Golden Secret 12599
      - : 1. Langwater Golden Secret 26510 (0-0-1-0-1-1-7)
      - : 2. Imp. St. Amant RGAS 1462 PS
      - : My Fancy RGAS 1949 PS
      - : Robert's Boy 21662 (0-0-1-1-1-0-9)
    - :(20) : 3. Itchen Royal 1756 EGHB
    - : Hayes Branch 2034 EGHB (1-1-3-1-1-0-28)



- : : : Hayes Cherub II 25147 (4-7-15-11-6-5-163)
- : : : : 1. Cherub's Winner 34180 (0-0-0-1-2-1-8)
- : : : : 2. Cherub's Prince 41543 (0-4-7-5-2-3-70)
- :(25) : : : : 3. Ladysmith's Cherub 30760 (2-2-8-5-6-5-96)
- : : : : 4. Hayes Cherub III 2595 EGHB
- : : : : 5. Marjoram's Cherub of the Prairie 50799 (0-1-1-1-1-2-16)
- : : : Milton's Cherub I 3008 EGHB (0-1-1-0-0-0-9)
- : : : 4. Itchen Raider 1679 EGHB
- :(30) : Moss Raider 22155 (1-1-1-0-0-0-15)
- : : Itchen Red Raider 27342 (2-2-2-2-0-0-36)
- : : : 1. Itchen Bullrush 27998 (0-0-1-0-1-0-6)
- : : : Kenilworth Gold 40380 (0-1-3-4-0-1-30)
- : : : 2. Itchen May King 25174 (1-2-7-7-4-2-75)
- :(35) : : 1. Proud King of Edgemoor 34511 (0-0-1-1-1-0-9)
- : : : 2. Royal Rose King of Edgemoor 34361 (0-0-1-2-1-1-13)
- : : : 3. Hopeful of Edgemoor 39979 (0-0-0-2-0-2-12)
- : : : 4. Superb of Edgemoor 49590 (0-0-0-3-0-1-10)
- : : 2. Imp. May Rose King 8336 (0-0-0-1-1-1-6)
- :(40) : 1. Beda's May King 11893 (0-0-1-2-1-2-14)
- : : : 1. Nella Jay's Golden Secret of Pencoyd 41772 (0-0-2-0-0-0-8)
- : : : 2. Langwater May King 13001
- : : : May King of Linda Vista 17946 (0-0-1-2-2-0-16)
- : : : 3. King Francis 13500
- :(45) : : King Procris 20956
- : : : Merry May King 50285 (0-0-0-3-2-1-14)
- : : : 4. Imp. King of the May 9001 (0-0-4-6-4-6-48)
- : : : 1. Langwater Fisherman 21873 (0-0-1-0-2-0-8)
- : : : 2. Langwater Royal 14253 (0-0-2-0-1-0-10)
- :(50) : : 3. Rhea's King of the May 14368 (0-0-1-2-0-0-10)
- : : : 4. King of Medfield 15434 (0-1-3-1-0-1-21)
- : : : 5. May King of Ingleside 12558 (0-2-3-0-2-2-28)
- : : : 6. George Washington of Fairfield Farm 10866 (0-0-0-1-0-0-3)
- : : : Pretoria's King of Midlothian 22641 (0-0-1-2-0-0-10)
- :(55) : : 7. Jethro Bass 11366 (0-0-1-0-1-0-6)
- : : : Jethro's May King of Linda Vista 14591 (0-0-0-0-0-1-1)
- : : : : 1. Bell Buoy of Linda Vista 19430 (0-0-2-1-1-2-15)
- : : : : 2. Don Bernardo of Linda Vista 20617 (0-0-2-0-1-0-10)
- : : : Florham Squire 33996 (0-0-0-1-1-1-6)
- :(60) : : 8. Dolly Dimple's May King of Langwater 12997 (0-0-1-1-1-1-10)
- : : : 1. Langwater Cavalier 21012 (0-0-1-1-1-1-10)
- : : : 2. Langwater Dictator 15068
- : : : Dick of Oak Hill 21368 (0-1-1-0-0-0-9)
- : : : 3. Langwater Pencoyd 21830 (0-0-0-0-1-0-2)
- :(65) : : Pencoyd's Secret Marose 48332 (0-0-2-2-1-1-17)
- : : : 4. Ne Plus Ultra 15265 (0-0-3-1-1-0-17)
- : : : Florham Autocrat 25749 (0-0-0-2-0-0-6)

Presto RGAS 14 PS

- : 3. Volage RGAS 98 PS
- : Rydale RGAS 475 PS
- :(70) Masher RGAS 63 FS (0-0-1-0-1-1-7)
- : : 1. Romulus VI 979 PS
- : : Rival of Mont Marche 1164 PS
- : : Mate 1270 PS



- : : Prince of La Vrangue RGAS 1493 PS
- :(75): : Lord Mar 14359 (2-3-10-5-1-0-90)
- : : 2. Masher II RGAS 858 PS
- : : : 1. France's Masher 2d. 7248 (0-0-0-0-0-1-1)
- : : : : 1. Masher's Masher 13147
- : : : : : Jardiniere's Masher 20957 (1-1-2-2-0-0-25)
- :(80): : : 2. Masher's Sequel 11462 (0-0-0-1-0-0-3)
- : : : : 1. Galaxy's Sequel 16904 (1-1-1-0-1-2-19)
- : : : : 2. Raymond of the Preel 11353 (0-0-0-0-1-1-3)
- : : : : : 1. Raymond of the Preel II 13381 (0-0-0-2-0-0-6)
- : : : : : 2. Raymond of the Preel IV 19325 (0-0-1-0-1-0-6)
- :(85): : : : Flora's Raymond RGAS 2914 (0-1-2-0-0-0-13)
- : : : : : Cherry's Memento of Iowa 27562 (0-0-2-2-2-2-20)
- : : : : : Grace's Memento 48417 (0-1-2-1-0-0-16)
- : : 2. Victor des Roquettes 1057 PS
- : : Interest 1259 PS
- :(90): : FRANCE XIV 4935 PS
- : : : France's Jewel VII (0-0-0-0-0-1-1)
- : : : : Jewel of Koshkonong Place 12202
- : : : : : Julian of Koshkonong Place 14409 (0-0-0-0-1-0-2)
- : : : : : Gold Lassie's Julian 27704 (0-0-0-1-1-1-6)
- :(95): : 3. Masher of Sarnia 19167
- : : : Gilt Edge of Koshkonong Place 21989 (1-1-1-0-1-0-17)
- : 4. Marcus RGAS 56 PS
- : : Zanzibar RGAS 305 PS
- : : : 1. Pas Mal RGAS 542 PS
- : : : : Bright Ruby 760 PS
- (100): : : Guernsey Produce 932 PS
- : : : : Recorder 1029 PS
- : : : : Compact RGAS 1076 PS
- : : : : : Governor of the Chene RGAS 1297 PS (0-0-1-2-2-0-14)
- : : : : : : 1. Old Paddy 16903 (1-1-2-2-0-0-14)
- (105): : : : : 2. McKerrow's Herald Governor 30404 (0-0-1-0-1-0-6)
- : : : : : 3. Governor of the Poidevins 1568 PS
- : : : : : : Governor II of the Poidevins RGAS 2050 PS (0-0-1-1-0-0-7)
- : : : : : 4. Cora's Governor of Chilmark 8971
- : : : : : : Archer of Chilmark 13376
- (110): : : : : : King of Chilmark 20798 (0-0-1-0-2-0-8)
- : : : : : 5. Golden Hero of L'Etiennerie 12674
- : : : : : : 1. Royal Golden Hero 16905
- : : : : : : : Royal Golden Hero II RGAS 2763 PS (0-1-1-0-0-0-9)
- : : : : : : 2. Golden Hero of the Vauxbelets 1929 EGHB
- (115): : : : : : Trengwainton Golden Prince 2530 EGHB
- : : : : : : : Laddock Cowboy 2785 EGHB (1-1-1-0-0-0-15)
- : 2. Archibald RGAS 442 PS
- : : Willing Lad 752 PS
- : : : Sauteur 283 PS
- (120): : : Loyal of the Hunguets RGAS 978 PS
- : : : : 1. Claremont Westward Ho 1091 EGHB
- : : : : : Yeo 1440 EGHB (1-1-1-0-0-0-15)
- : : : : : Yeoman 8618 (0-2-4-0-2-0-30)
- : : : : 2. Harley of Chitral RGAS 1182 PS



- (125) Golden Jewel RGAS 1336 PS
- (126) Imp. Princess' Jewel RGAS 1559 PS (3-2-3-0-0-1-46)

Table VIII. Section II.

- St. Andrews 1st. RGAS 1 FS
- : 1. St. Andrews 2d. RGAS 2 FS
- : : 1. Cato RGAS 137
- : : Forget-Me-Not 587
- :(5) : Darius 1164
- : : Darius of Sunnyside 2716
- : : Pat of Haddon 3919
- : : Glenwood Boy of Haddon 4605 (0-0-0-1-0-1-4)
- : : : 1. Glenwood's Combination 8927 (0-0-1-1-0-0-7)
- :(10) : : 2. Selma's Glenwood 12596 (0-0-0-2-0-0-6)
- : : : 3. Stranford's Glenwood of Pinehurst 13609 (0-0-0-1-1-0-5)
- : : : 1. Stranford's Glenwood of Pinehurst 3d. 16202 (0-0-1-1-2-1-1-18)
- : : : 2. Stranford's Glenwood of Brodhead 16752 (0-0-1-0-1-0-6)
- : : : 3. Dairymaid's Pride of Iowa 14941 (0-0-1-2-1-1-13)
- :(15) : : 1. Dairymaid's Pride of Mapledell 24424 (0-0-1-0-1-0-6)
- : : : 2. Dairymaid's Nonpareil of Iowa 26763 (0-0-1-0-1-1-7)
- : : 2. Turke RGAS 165 FS
- : MISS MAGGIE RGAS 2216 PS
- : Lord Stranford 2187
- :(20) Sheet Anchor 2934
- : : 1. Best Bower 4715
- : : Strong Anchor
- : : Nancy Mac's Son of Norwood 10044
- : : Nancy Mac's Son of Iowa Dairy 15088 (0-0-0-1-3-1-10)
- :(25) : 2. Mainstay 3789
- : : 1. Donald of Pinehurst 5643
- : : Glenwood Chief of Haddon 7076
- : : Glenwood Chief of Clovernook 11158 (0-0-0-2-1-0-8)
- : : 2. Glenwood's Mainstay 6067 (0-0-1-2-1-1-13)
- :(30) : 1. Glenwood's Reputation 7687 (0-0-0-1-1-1-6)
- : : 2. Glenwood's Mainstay 16th 9384
- : : Barmouth of Pencoyd 11059 (0-1-1-0-0-0-9)
- : 2. Willie RGAS 599 FS
- : : 1. Champion RGAS 37 FS
- :(35) Farmer's Pride RGAS 159 FS
- : : Ransom 2d. 204 PS
- : : Ransom 3d. RGAS 348 PS
- : : : 1. Lord Stanford II 566 PS
- : : : LILY OF THE CAPELLES 4296 PS
- :(40) : : King of the Meadows RGAS 1436 PS
- : : : Jim of New Grove RGAS 1930
- : : : 1. Imp. Darby RGAS 2256 PS
- : : : 2. Hon. Fleur of Newgrove 2308 EGHB
- : : : Hayes Oliver 25149 (0-0-1-0-1-0-6)



- :(45) : : 2. MERA I 4443 PS
- : : Ransom of Los Prevosts 1219 PS
- : : Charleston 1378 PS
- : : V.C. 1729 EGHB
- : : Lord Howe of Warren Wood 1962 EGHB
- :(50) : : Donnington Jack 2128 EGHB (0-0-1-2-0-2-12)
- : : 3. BEAUTY OF THE FAUXQUETS RGAS 1799 FS
- : : Randolph 1152 EGHB
- : : ITCHEN LADY MAY 5155 EGHB
- : : Langley Gay Boy 2474 EGHB (0-1-1-0-0-0-9)
- :(55) : : Hayes Kitchener 2971 EGHB (0-0-3-2-0-2-20)
- : : Imp. Kitchener's Express 43925 (0-0-1-1-0-2-9)
- : : 2. Sir Roger 2d. RGAS 156 PS
- : : Bold 2d. RGAS 383 PS
- : : Cyrus 2355
- : : Exposition 3366
- :(60) : : PRUDY OF CLOVER RIDGE 8864
- : : Glencoe of Meadow View 5867
- : : Glencoe's Canterbury 7728 (3-3-3-0-0-0-45)
- : : 3. Duke 1st. 74 RGAS
- : : COUNTESS OF FERNWOOD 1464
- :(65) : : Count Paulsdale 1655
- : : Count Fernwood of Wisconsin 3058
- : : COUNT TOPSY 11680
- : : Gypson's County 8125
- :(69) : : Golden Prince of Oregon 11912 (0-0-0-2-2-0-10)

TABLE VIII - Section III.

- Puck 1257
- Yeksa's Prince 1943
- O.K. 4446
- :(5) : : 1. O.K.Jr. 6785
- : : Center Rush 7169
- : : Benton Harbor 9746 (0-1-1-0-0-1-10)
- : : 2. SELECT'S O.K. 12942
- : : Two Creeks 8648
- :(10) : : Gratify 12657 (0-0-0-1-1-1-6)

The reason these values are given as they are is that an animal having a daughter capable of producing 500 pounds or its equivalent of fat would be credited exactly the same as a sire of a first prize winner, i.e., 4 points. A cow producing 800 pounds of fat, and one winning either junior or senior championship, would credit the sire with the same number of points, in that every animal eligible for championship must win a first prize. All animals winning



PART III.

Great Transmitting Sires  
Based on Both Show Yard Winnings and Production.

The question as to whether proper type and production can be combined in the same individual, is often raised. Table IX gives a list of sires that have qualified as being really great from the standpoint of both production of their daughters and the winnings of their offspring, at America's greatest dairy show. There are 24 animals listed and the arrangement of these sires is based on a combined credit for show yard winnings and production of their sons and daughters.

A sire with 1 daughter with 1000 lb. record is credited with 15 points.

A sire with 1 daughter with 800 lb. record is credited with 9 points.

A sire with 1 daughter with 600 lb. record is credited with 4 points.

A sire with 1 grand champion winner is credited with 6 points.

A sire with 1 junior or senior champion is credited with 5 points.

A sire with 1 first prize winner is credited with 4 points.

A sire with 1 second prize winner is credited with 3 points.

A sire with 1 third prize winner is credited with 2 points.

A sire with 1 fourth prize winner is credited with 1 point.

The reason these values are given as they are is that an animal having a daughter capable of producing 600 pounds or its equivalent of fat would be credited exactly the same as a sire of a first prize winner, i.e., 4 points. A cow producing 800 pounds of fat, and one winning either junior or senior championship, would credit the sire with the same number of points, in that every animal eligible for championship class must win a first prize. All animals winning



championships are listed as winning first prize, thus making a credit of 9 for a 800 pound daughter or for an animal sufficiently good to win either junior or senior championship. Likewise, an animal producing over 1000 pounds of fat gives the sire the same credit as an animal winning grand championship, in that a grand champion must win first to be eligible for the championship prize. By winning either junior or senior championship, an animal is then eligible for grand championship. While it is quite true that these figures are purely arbitrary, it is believed that they are equitable and comparable. Using this basis of credits, King of the May 9001 heads the list with 235, Ne Plus Ultra follows with 214, Hayes Cherub II 25147 with 204, Lord Mar 14359 with 134, Itchen May King 25174 with 116, and Governor of the Chene 1297 PS with 111. Thus six sires out of the 24 have a credit of 100 or more. All six of these sires belong to the same group and trace directly to Presto 14 PS, the head of the greatest line of producing and show yard winners of the Guernsey breed.

TABLE IX.  
Great Transmitting Sires Based on Both Show Yard Winnings  
and Production.

1.	King of the May 9001	1	8	25	0	0	4	6	4	6	235
2.	Ne Plus Ultra 15265	1	4	34	0	0	3	1	1	0	214
3.	Hayes Cherub II 25147	0	1	8	3	7	15	11	6	5	204
4.	Lord Mar 14359	0	0	11	3	3	10	5	1	0	134
5.	Itchen May King 25174	0	1	8	1	2	7	7	4	2	116
6.	Governor of the Chene RGAS 1297 PS	0	1	22	0	0	1	2	2	0	111
7.	Beda's May King 11893	0	2	15	0	0	1	2	1	2	92
8.	King of Chilmark 20798	0	5	9	0	0	1	0	2	0	89
9.	Langwater Royal 14253	0	3	12	0	0	2	0	1	0	85
10.	May Rose King 8336	0	2	13	0	0	0	1	1	1	76
11.	Jethro Bass 11366	0	2	13	0	0	1	0	1	0	76
12.	Jardiniere's Masher 20957	0	2	8	1	1	2	2	0	0	75
13.	Langwater Cavalier 21012	0	3	9	0	0	1	1	1	1	73
14.	Gold Lassie's Julian 27704	0	3	10	0	0	0	1	1	1	73



15. Yeoman 8618	1	1	3	0	2	4	0	2	0	66
16. Galaxy's Sequel 16904	0	0	11	1	1	1	0	1	2	63
17. Dolly Dimple's May King of Langwater 12997	1	2	4	0	0	1	1	1	1	59
18. Lord Waukesha 10148	0	1	7	0	0	1	2	2	1	52
19. Bell Buoy of Linda Vista 19430	0	0	8	0	0	2	1	1	2	47
20. Laddock Cowboy 2785	1	1	1	1	1	1	0	0	0	43
21. May King of Linda Vista 17946	0	0	6	0	0	1	2	3	0	40
22. Pretoria's King of Midlothian 22641	0	0	6	0	0	1	2	0	0	34
23. Glenwood's Reputation 7687	0	0	6	0	0	0	1	1	1	30
24. Masher RGAS 63 FS	0	0	5	0	0	1	0	1	1	27

Viewing prize winning animals from another viewpoint, Table X gives a list of the champion and grand champion males and females of the breed at the National Dairy Show since 1909. It will be noted from the information given that practically every champion has a good record of production and that every grand champion female has a good record of production, thus showing that judges at this important show have selected animals for a type that is comparable with the ideal animal and one which combines type with production.

The sires listed in this table can all be found in Genealogy Table VIII, which gives the blood lines of great prize winning animals. Most of these sires can be found in Table VI, which gives the blood lines of great production, thus bringing out most forcibly that in the Guernsey breed type and production are closely related in the same individuals and in the same blood lines.

1913

Ball-Hayes Charub 11-25147  
Sires: Hayes Branch  
Owner: F. W. Marsh  
(48-25-12-2-0-1-8)

Lady Chesterbrook's May King of  
Ingleside-23424  
Sires: May King of Ingleside  
Owner: T. W. Brophy



TABLE X.

CHAMPION GUERNSEY MALES AND FEMALES

National Dairy Show

Senior Champions

Junior Champions

1910

Bull-Hero of the Courtil Blicq-14088 \*  
Sire: Lord Mar  
Owner: W. W. Marsh

Benton's Lindo of Ingleside -17271  
Sire: Benton Harbor  
Owner: T. W. Brophy

Cow-Glencoe's Bopeep-18602 \*  
Sire: Glencoe's Canterbury  
Owner: W. W. Marsh  
Record: 5y.74d.:  
13,121.7 lbs. milk  
622.6 lbs. butterfat

Queen May of Ingleside 2d-28867  
Sire: May King of Ingleside  
Owner: T.W.Brophy  
Record: 4y.30ld:  
9473.6 lbs. milk  
473.03 lbs. butterfat

1911

Bull-Hero of the Courtil Blicq-14088 \*  
Sire: Lord Mar  
Owner: W.W.Marsh

Bob Rilma-16141  
Sire: Barmouth of Pencoyd  
Owner: Wilcox and Stubbs

Cow -Glencoe's Bopeep-18602 \*

Cow: Mousette of the Isle-36422  
Sire: Imp. Darby  
Owner: W.S.Dixon

1912

Bull-Imp. Yeoman-8618 \*  
Sire: Yeo  
Owner: F.L.Ames  
(25-16-9-11-1-1-3)

Langwater Advocate-20514  
Sire: Yeoman  
Owner: F.L.Ames

Cow-Glencoe's Bopeep-18602 \*

Langwater Charity-38605  
Sire: Yeoman  
Owner: F.L.Ames  
Record: 5y.97d.  
14860.2 lbs. milk  
721.5 lbs. butterfat

1913

Bull-Hayes Cherub II-25147 \*  
Sire: Hayes Branch  
Owner: W. W. Marsh  
(48-25-12-2-0-1-8)

Lady Chesterbrook's May King of  
Ingleside-23424  
Sire: May King of Ingleside  
Owner: T. W. Brophy



Cow-Imp. Jessy Rose X-28373 #  
Sire: Lord Mar  
Owner: W.W.Marsh  
Record: By. 116 d.  
12694 lbs. milk  
646 lbs. butterfat

Glenwood Sundari-39600  
Sire: Stranford's Glenwood of Pinehurst3  
Owner: A.W.& E.F.Fox  
Record: 2y. 21d.  
6287 lbs. milk  
318 lbs. butterfat

1914

Bull-Hayes Cherub II-25147 #

Cherry's Memento of Iowa-27562  
Sire: Flora's Raymond  
Owner: W. W. Marsh

Cow-Imp. Deanie XVI-52244 #  
Sire: Galaxy's Sequel  
Owner: W.W.Marsh  
English Record:  
406 lbs. butter in 39 weeks

Hayes Snowdrop 7th-53142  
Sire: Hayes Cherub II  
Owner: W.W.Marsh

1915 #

Bull-Itchen May King-25174 #  
Sire: Itchen Red Raider  
W.H.Dupee  
(48-48-18-2-0-1-8)

Ricardo of Edgemoor-34367  
Sire: Royal Golden Hero II  
Owner: W.H.Dupee

Cow-Itchen Wood Sorrel-45007 #  
Sire: Moss Raider  
Owner: W. H. Dupee  
Record: 4y. 358 d.:  
11086 lbs. milk  
556.2 lbs. butterfat

Veda of Chiconna-58023  
Sire: King of Medfield  
Owner: A. L. Gile  
Record: 5y. 28d.:  
10601 lbs. milk  
496.1 lbs. butterfat

1916

Bull-Ladysmith's Cherub-30760 #  
Sire: Hayes Cherub II  
Owner: W. W. Marsh

Sunnybrook Aristocrat-32773  
Sire: Dick of Oak Hill  
Owner: C. D. Cleveland

Cow-Imp. Princess Bergers-33074 #  
Sire: Princess Jewel  
Owner: W. W. Marsh  
Record: 11y. 276 d.  
14323.9 lbs. milk  
605.6 lbs. butterfat

Hayes Moss Rose-67892  
Sire: Milton's Cherub I  
Owner: W. W. Marsh  
Record: 2y. 136 d.  
8276.4 lbs. milk  
464.74 lbs. butterfat



Bull-Ladysmith's Cherub-80760 #  
Sire: Hayes Cherub II  
Owner: D. D. Tenney

Hopeful of Edgemoor  
Sire: Itchen May King  
Owner: W. H. Dupee

Cow-Princess Bergere-32074 #

Imp. Rose des Houards of the Prairie  
Sire: Langley Gay Boy  
Owner: W. W. Marsh

1918

Bull-Ladysmith's Cherub-30760 #

Cherub's Prince-41548  
Sire: Hayes Cherub II  
Owner: W. W. Marsh

Cow-Bella II du Grand Forte- 36346 #

Sire: Princess Jewel  
Owner: Island Farm  
Record: 5y.272d.:  
12076 lbs. milk  
583.59 lbs. butterfat

My Figtree of the Prairie-83507  
Sire: Hayes Cherub II  
Owner: W. W. Marsh

1919

Bull-Cherub's Prince-41543  
Sire: Hayes Cherub II  
Owner: W. W. Marsh

Dauntless of Edgemoor-49586 #  
Sire: Itchen May King  
Owner: W. H. Dupee

Cow-Prospect Rose des Houards-89003 #

Sire: Laddock Cowboy  
Owner: W. W. Marsh  
Record: 2y.23d.:  
13157.8 lbs. milk  
726.85 lbs. butterfat

Honey Bloom of the Prairie-89451  
Sire: Cherub's Prince  
Owner: W. W. Marsh

1920

Bull-Imp. Itchen May King-25174 #  
Sire: Itchen Red Raider  
Owner: F. F. Fox & Goodhand Kingston & Son  
(48-48-18-2-0-1-8)

Golden Laddie of the Prairie-60027  
Sire: Imp. Kenilworth Gold  
Owner: W. W. Marsh

Cow-Mildred II ofles Godaines-55120 #

Sire: Imp. Old Paddy  
Owner: Jones & McKerrow  
Record: 5y. 159 d.  
14890.9 lbs. milk  
702.24 lbs. butterfat

Honey Bloom of the Prairie-89451



1921

Bull-Cherub's Pearl Royal of Shorewood-65578 #  
Sire: Ladysmith's Cherub  
Owner: D. D. Tenney

Memento of Highland Place-65578  
Sire: Grace's Memento  
Owner: Joseph Golinvaux

Cow-Ma Chere Procris-55855 #  
Sire: Jardiniere's Masher  
Owner: D.D.Tenney  
Record: 5y.138d.  
17,922.2 lbs. milk  
831.93 lbs. butterfat

Heather Bell of the Prairie-112664  
Sire: Cherub's Prince  
Owner: W. W. Marsh

1922

Bull-Boss of Koshkonong Place-41041 #  
Sire: Giltedge of Koshkonong Place  
Owner: Tarr Bros.

May Rose Cherub-70934  
Sire: Cherub's Prince  
Owner: W. W. Marsh

Cow-Jeanette of the Prairie 2d.-69685 #  
Sire: Ladysmith's Cherub  
Owner: W.W.Marsh  
Record:

Admiration of the Prairie-11769  
Sire: Marjoram's Cherub of the Prairie  
Owner: W. W.Marsh  
Record:

# Panama International Exposition Champions

\* Grand Champion Animals



PART IV.

A STUDY OF GUERNSEY FEMALES

Leading Guernsey Dams

Based on the Showyard Winnings of their Offspring

For the same reasons set forth in Part II, using the same system of credits, and following the identical same method of study, the dams of the Guernsey breed were studied and classified according to the winnings of their offspring at the National Dairy Show, since its beginning in 1910, through the year 1922.

The following system of credits was used:

- A dam with offspring winning 4th prize is given a credit of . . . . . 1 point
- A dam with offspring winning 3rd prize is given a credit of . . . . . 2 points
- A dam with offspring winning 2nd prize is given a credit of . . . . . 3 points
- A dam with offspring winning 1st prize is given a credit of . . . . . 4 points
- A dam with offspring winning Junior or Senior Champion is given a credit of 5 points.
- A dam with offspring winning Grand Champion is given a credit of . . . . 6 points

Using this system of credits, only those dams with offspring scoring 6 points or more were placed in the table.



TABLE XI

FEMALE PRIZE WINNERS AT THE NATIONAL DAIRY SHOW

Animal	GC	C	1	2	3	4	Score
Imp. Ladysmith of the Isle-28355	1	1	5	2	3	0	43
Imp. Hayes Golden Cherry 3d. 44965	2	(2 Sr. 1 Jr.)	4	0	0	0	43
Bopeep's Marie of Iowa 48800		1 Jr.	3	2	0	0	23
Pearl of Pomeroy 40325			4	1	1	1	22
Bissette XL-RGAS 2958 FS	1	1 Sr.	2	0	0	0	19
Jessy Rose IV (orVI?) RGAS 6523 PS	1	1 Sr.	2	0	0	0	19
Jeanette of the Prairie-54716	1	1 Sr.	2	0	0	0	19
Bossie of Koshkonong Place 38716	1	1 Sr.	1	0	1	0	17
Imp. Lady Minnie-45973		1 Jr.	1	2	0	0	15
Imp. Pricness Bergere 33074			3	1	0	0	15
Deanie XII-RGAS 4699 PS	1	1 Sr.	1	0	0	0	15
Petite of Park Farm RGAS 2920 FS			2	2	0	0	14
Imp. Itchen Pine Blossom 40312			2	1	1	1	14
Imp. Island Sundari 33804		1 Jr.	1	1	0	1	13
Imp. Gay Lass Du Braye 34312			3	0	0	0	12
Imp. Langwater Pearl 26605			3	0	0	0	12
Merry Dance of Riverside Farm 39200			2	1	0	1	12
Itchen Verbena 5501 EGHB			2	1	0	0	11
Imp. Cherub's Rose of the Prairie 54718			1	2	0	1	11
Donnington Goldie IV 6854 EGHB			1	2	0	1	11
Glen Masher's Procris 27286			2	1	0	0	11
Gerar Pearl 23595			2	0	1	0	10
Lassie of City View 60269			1	1	1	1	10
Parks Isabella 24019			1	2	0	0	10
Imp. Hayes Express 9th 67866			2	0	0	2	10
Imp. Milton's Moss Rose of Iowa 67874		1 Jr.	1	0	0	0	9
My May Rose of the Prairie 80259	1		1	0	0	0	9
Imp. Hayes Cherry of the Prairie 83844			2	0	0	1	9
Lady Chesterbrook of Haddon 22755		1 Jr.	1	0	0	0	9
Imp. Rouge II of the Brickfield 28335			1	1	1	0	9
Snowdrop 7888 EGHB		1 Jr.	1	0	0	0	9
Country Belle of Grand Barrington 35966			2	0	0	0	8
Ingleside Pretoria Vrangue 68494			1	1	0	1	8
Lady La Verne of Shorewood 74736			2	0	0	0	8
La Verne of Berchwood 54188			1	0	2	0	8
Lady Falls RGAS 2186 (7?) FS			2	0	0	0	8
Langwater Dolly Bloom 22136			2	0	0	0	8
Imp. Langley Mable 67855			2	0	0	0	8
Lily Bell of Canterbury 4th 13481			2	0	0	0	8
Imp. Mignonette 4th of Mount Voronf 33392			2	0	0	0	8
Moss Raiders Gay Girl 58567			2	0	0	0	8
Imp. Roehampton Deanie 2d. 52359			2	0	0	0	8
Rose of Langwater 24204			2	0	0	0	8



Yeoman's Hayes Felois 24199	1	0	2	0	8
Cherry of Highland Farm 68926	1	1	0	0	7
Essie Jeweller 14265	1	1	0	0	7
Imp. Gay Beauty of Braye 37758	1	1	0	0	7
Glenwood's Polly Vrangue Ingleside 37581	1	1	0	0	7
Golden Cherry of Prospect Farm 74012	0	1	2	0	7
Imp. Hayes Golden Cherry 8th 67857	1	1	0	0	7
Imp. Hayes Golden Cherry 11th 67861	1	1	0	0	7
Hazel of Troy 9663	0	2	1	0	7
Lucretia's Daughter 11256	1	1	0	0	7
Proud Dame 38916	1	1	0	0	7
Red Rose of the Hunguettes RGAS 2740 FS	1	1	0	0	7
Bell Dame 2d. 28060	1	0	1	0	6
Imp. Capelle's Rose 31598	1	0	1	0	6
Imp. Figtree II 37752	1	0	1	0	6
Glencoe's Bopeep 18602	0	2	0	0	6
Imp. Hayes Express 3d. 67850	0	2	0	0	6
Imp. Hayes Princess Mary 59878	1	0	1	0	6
Heiress of Mapledell 58537	1	0	1	0	6
Itchen Flower of the Forest 6290	1	0	1	0	6
Imp. Jenny of Alderney 33529	0	2	0	0	6
Pride of Birth 18443	0	2	0	0	6
Pearl's Dot 57445	0	1	1	1	6
Roxie of Sunneyside 19246	1	0	1	0	6
Royaline's Dora 17375	0	2	0	0	6
Schneeflocke 56048	1	0	1	0	6
Tristan's Dora 13310	1	0	1	0	6

Table XI shows two outstanding individuals, Ladysmith of the Isle 28355 with one grand champion, one senior champion, five first prizes, two seconds, three thirds, and no fourth; and Hayes Golden Cherry 3d. 44965 with two grand champions, two senior champions, one junior champion, four first prizes, and no second, third or fourth prizes. These two individuals are tied for first place, each having a score of 43 points.

Ladysmith of the Isle 28355 is out of Ladysmith III, and is sired by Raymond of the Preel II 13381. Both of these parents trace to Presto 14 PS. Ladysmith of the Isle 28355, when bred to Hayes Cherub II 25147, the greatest producer of showyard winners, produced Ladysmith's Cherub 30760, the second greatest producer of prize winners and an individual of great promise.

Hayes Golden Cherry 44965 is out of Golden Cherry 2124 FS, a foundation cow on the Island of Guernsey, and Hayes Royal 1674 EGHB, a sire imported from England. When



Hayes Golden Cherry 3d 44965 was bred to Hayes Branch 2034 EGHB, who stands twelfth in the table of sires producing prize winning offspring, Hayes Cherub II 25147, the greatest sire of the breed when classed by the prize winnings of his offspring, was the result.

Facts such as these, show very clearly how the great sires are bred, and indicates that a prize winning sire is the result of a cross between two extremely good individuals, and not merely a chance happening.

#### GREAT DAMS AND THEIR SIRES

Table XII contains the same names as found in Table XI, and in addition is listed the sires of the great dams, traced back until there is found an animal whose name appears in Genealogy Table VIII. In cases where this cannot be done the line is traced until it runs out through foundation stock or is found registered in the English Guernsey Herd Book in England, or the Royal Alderney Agricultural Society Herd Book on Alderney. For example, Bopeep's Marie of Iowa 48800 is sired by Bopeep's Mar of Iowa 22134, who in turn is sired by Lord Mar 4359, and whose name appears in Genealogy Table VIII, Section I, line 75.

#### TABLE XII.

##### Great Dams with Their Sires

1. Imp. Ladysmith of the Isle 28355  
Imp. Raymond of the Preel II 13381  
(Sec. I - Line 83)
2. Imp. Hayes Golden Cherry 3d. 44965  
Hayes Royal 1674 EGHB
3. Bopeep's Marie of Iowa 48800  
Bopeep's Mar of Iowa 22134  
Imp. Lord Mar 14359  
(Sec. I - Line 75)



4. Pearl of Pomeroy 40325  
Langwater Royal 14253  
(Sec. I - Line 49)
5. Bissette XL RGAS 2958 FS
6. Jessy Rose VII RGAS 6523 PS  
Reaper 1483 PS  
Royal Blood VI 1261 PS  
Frances Masher II 1102 PS  
(Sec. I - Line 11)
7. Jeanette of the Prairie 54716  
Imp. Hayes Cherub 2d. 25147  
(Sec. I - Line 22)
8. Bossie of Koshkonong Place 38716  
Ukiah 14344  
Starlight Excelsior 7992  
Standard 4652  
Springer 2685  
Count Paulsdale 1655  
(Sec. II - Line 65)
9. Imp. Lady Minnie 45973  
Justinee's Sequel of the Preel RGAS 2119 PS  
Galaxy's Sequel 1539 PS  
(Sec. I - Line 81)
10. Imp. Princess Bergere 33074  
Princess Jewell RGAS 1551 PS  
(Sec. I Line 126)
11. Deanie XII RGAS 4699 PS  
Loyal of the Preel 1235 PS  
Loyal of the Hunguets 978 PS  
(Sec. I - Line 120)
12. Petite of Park Farm RGAS 2920 FS
13. Imp. Itchen Pine Blossom 40312  
The Miller 2094 EGHB
14. Imp. Island Sundari 33804  
Imp. Raymond of the Preel VI 14360  
Imp. Raymond of the Preel 11353  
(Sec. I - Line 82)



15. Imp. Gay Lass Du Braye 34312  
Imp. His Majesty III 11211  
His Majesty II RGAS 118 PS  
His Majesty 952 PS  
Lord Mortimer II 743 PS  
Saxon 441 PS  
Master Town 2d. 273 PS  
Master Town 170 PS  
Excelsior 5th 11 PS  
Excelsior 4th. 12 PS  
Sir Stafford 1st. 135  
Excelsior 15 42  
Fairbad 7  
Vanquedor 40
16. Imp. Langwater Pearl 26605  
Itchen Wrangler 1757 EGHB
17. Merry Dance of Riverside Farm 39200  
Ambition 11683  
Imp. May Rose King 8336  
(Sec. I - Line 39)
18. Itchen Verbena 5501 EGHB
19. Imp. Cherub's Rose of the Prairie 54718  
Imp. Hayes Cherub 2d. 25147  
(Sec. I - Line 22)
20. Donnington Goldie IV 6854 EGHB
21. Glen Masher's Procris 27286  
Glen Masher 8812  
Monarch of the Glen 6784  
Violets Duke 4222  
Success of Avon 2900  
Tricksey's Squire 2542  
Squire 4th of Les Vauxbelets 771  
Squire of les Vauxbelets RGAS 35  
Royal Duke 20 FS
22. Gerar Pearl 23595  
Imp. Sharon 11610  
Imp. Merry Anton 8337  
May Day 1132 EGHB
23. Lassie of City View 60269  
Handsome Snowdown 17707  
Guiding Star 12423  
Rinaldo 8917  
Guydette 3966



23 (continued)

Vidette 1874  
Herald's Select 1364  
Herald 2d. 994  
Herald RGAS 206 FS  
Billy 2d. 110 FS  
Dr. Bill 81 FS  
Sans Peur

24.<sup>3</sup> Parks Isabella 24019  
Cilmaeneu's Jeweller 9939  
Lady Ella's Jeweller 5417  
Springmade 4302  
Springer 2685  
Count Pansdale 1655  
(Sec. II- Line 65)

25. Imp. Hayes Express 9th. 67866  
Imp. Hayes Cherub 2d. 25147  
(Sec. I - Line 22)

26.<sup>o</sup> Imp. Milton's Moss Rose of Iowa 67874  
Roberts Boy Sequel 2496 EGHB

27. My May Rose of the Prairie 80259  
Imp. Kenilworth Gold 40380  
(Sec. I - Line 33)

28.<sup>o</sup> Imp. Hayes Cherry of the Prairie 83844  
Hayes Kitchener 2971 EGHB  
(Sec. I - Line 55)

29.<sup>o</sup> Lady Chesterbrooke of Haddon 22755  
Glenwood's Main Stay 6067  
(Section II - Line 29)

30.<sup>3</sup> Imp. Rouge II of the Brickfield 28335  
Gov. of the Chene RGAS 1297 PS  
(Sec. I - Line 103)

31. Snowdrop 7888 EGHB

32.<sup>o</sup> Country Belle of Grace Barrington 35966  
King Bell 13482  
Imp. May Rose King 8336  
(Sec. I - Line 39)

33.<sup>3</sup> Ingleside Pretoria Vrangue 68494  
Pretoria's King of Midlothian 22614  
(Sec. I - Line 54)



34. Lady La Verne of Shorewood 74736  
Northwest 14011  
Old Glory 11188  
Rinaldo 8917  
Guydette 3966  
Vidette 1874  
Herald's Select 1364  
Herald 2d. 994  
Herald RGAS 206 FS  
Billy 2d. 110 FS  
Dr. Bill 81 FS  
Sans Peur
35. La Verne of Berchwood 54188  
Dairymaid's King 12898  
Glenwood Boy of Haddon 4605  
(Sec. II- Line 8)
36. Lady Ralls RGAS 2186 (?) FS  
Gold Stream of the Tertre 998 PS  
Lady Clyde 874 PS  
Meridian 735 PS  
Flumere 631 PS  
Young Hero 119 PS  
Royaliste 184 FS  
Presto 14 PS  
(Sec. I - Line 1)
37. Langwater Dolly Bloom 22136  
Imp. Royal Rival 9572  
Imp. Rival of Spotswood 8839  
Rival of Mont Marche RGAS 1164 PS  
(Sec. I - Line 12)
38. Imp. Langly Mable 67855  
Itchen May Day 2d. 1678 EGHB
39. Lily Bell of Canterbury 4th 13481  
Star Canterbury 4200  
Morning Star 2130  
Volage RGAS 98 PS  
(Sec. I - Line 68)
40. Imp. Mingnonette 4th of Mount Voronf 33392  
Gov. of the Chene RGAS 1297 PS  
(Sec. I - Line 103)
41. Moss Raider's Gay Girl 58567  
Imp. Moss Raider 22155  
Itchen Raider 1679 EGHB  
(Sec. I - Line 29)
42. Imp. Rockhampton Deanie 2d. 52359  
Roehampton Polo 3d. 2500 EGHB



43. Rose of Langwater 24204  
Jethro Bass 11366  
(Sec. I - Line 55)
44. Yeoman's Hayes Felois 24199  
Imp. Yeoman 8618  
(Sec. I - Line 123)
45. Cherry of Highland Farm 68926  
Plato of Pinehurst 11418  
Dairymaid's Glenwood of Pinehurst 10548  
Glenwood Boy of Haddon 4605  
(Sec. II- Line 8)
46. Essie Jeweller 14265  
Madison Des Friquets 6400  
Merry King 2876  
Fairview King 2243  
Brandon 1601  
Squire of Les Vauxbelets 4th 771  
Squire of Les Vauxbelets RGAS 35 FS  
Royal Duke 20 FS
47. Imp. Gay Beauty of Braye 37758  
Gay Lad Du Bray RGAS 2026 PS  
Galaxy's Sequel 1539 PS  
(Sec. I - Line 81)
48. Glenwood's Polly Vrangue of Ingleside 37581  
Selma's Stranford of Pinehurst 14157  
Stranford's Glenwood of Pinehurst 13609  
(Sec. II - Line 11)
49. Golden Cherry of Prospect Farm 74012  
Ladysmith's Cherub 30760  
Imp. Hayes Cherub 2d. 25147  
(Sec. I - Line 22)
50. Imp. Hayes Golden Cherry 8th 67857  
Gay Boy 2020 EGHB
51. Imp. Hayes Golden Cherry 11th 67861  
Imp. Hayes Gay Boy 3d. 22241  
Gay Boy 2020 EGHB
52. Hazel of Troy 9663  
Duke of Troy 3636  
Lily's Bonny Boy 2676  
Bonny Boy 1097  
(Sec. I - Line 3)



53. Lucretia's Daughter 11256  
Pat of Haddon 3919  
(Sec. II - Line 7)
54. Proud Dame 38916  
Ne Plus Ultra 15265  
(Sec. I - Line 63)
55. Red Rose of the Hunguettes RGAS 274 (O?) FS
56. Bell Dame 2d. 28060  
Imp. May Rose King 8336  
(Sec. I - Line 39)
57. Imp. Capelle's Rose 31598  
Loyal of the Capelles RGAS 1267 PS  
Squire of the Fields 1005 PS  
Governor of St. Martins 809 PS  
Ketcham 668 PS  
Gold Finder 394 PS  
Magnet 256 PS  
The Prince 17 PS  
Squire of Les Vauxbelets 35 FS  
Royal Duke 20 FS
58. Imp. Figtree II 37752  
Yenadizzi II RGAS 1990 PS  
Yenadizzi 1546 PS  
Golden Secret 1314 PS  
Columbia 1185 PS  
Massachusetts 293 FS  
(Dam) Carey I
59. Glencoe's Bopeep 18602  
Glencoe's Canterbury 7728  
Glencoe of Meadow View 5867  
Orange Duke 2476  
Traveller 3d. 1644  
Traveller 340  
Unkown
60. Imp. Hayes Express 3d. 67850  
Coronation King 1556 EGHB
61. Heiress of Mapledell 58537  
Moyart of Mapledell 24172  
Cora's Lester 17178  
Lester of Fern Ravine 10944  
Toresita's Lonan 6286  
Count Lonan 3516  
Imp. Squire of Les Vauxbelets 4th. 771  
Squire of Les Vauxbelets RGAS 35



61 (continued)

Royal Duke 20 FS

62. Itchen Flowers of the Forest 6290 (?)

63. Imp. Jennie of Alderney 33529  
Billy of the Val. II RGAS 61 FS

64. Pride of Birth 18443  
Rubilas Sheet Anchor 5701  
Sheet Anchor 2934  
(Sec. II - Line 20)

65. Pearl's Dot 57445  
Langwater Royal 14253  
(Sec. I - Line 49)

66. Roxie of Sunnyside 19246  
Prince Lawton 7696  
Prince Rosedale 4291  
Viscount 2177  
Bonny Boy 1097  
(Sec. I - Line 3)

67. Royaline's Dora 17375  
Royaline 2d's Boy 6141  
Filius 4397  
Springer 2685  
Count Paulsdale 1655  
(Sec. II - Line 65)

68. Schneeflocke 56048  
Pretor Pan 14809  
Pretor of Maple Glen 10620  
Pretor 9316  
Rutila's Sheet Anchor 5701  
Sheet Anchor 2934  
(Sec. II - Line 20)

69. Tristan's Dora 13310  
Tristan 4183  
Lily's Bonny Boy 2676  
Bonny Boy 1097  
(Sec. I - Line 3)

TABLE XIII.

PRODUCTION WITH THEIR DAMS

THEIR DAMS	THEIR DAM'S SIRE
Imp. Itchen Daisy 3d, 15230	May Day 1132 FMS
Imp. Itchen Daisy 3d, 15630	(Sec. I - Line 12)
Imp. Itchen Daisy 3d, 15630	May Day 1132 FMS
Imp. Itchen Daisy 3d, 15630	(Sec. I - Line 13)
Imp. Itchen Daisy 3d, 15630	Mother's Sequel 1252 FS
Imp. Itchen Daisy 3d, 15630	(Sec. I - Line 86)
Imp. Itchen Daisy 3d, 15630	Silver Stream 935 FS
Imp. Itchen Daisy 3d, 15630	Squire of the Penches
Imp. Itchen Daisy 3d, 15630	837 FS
Imp. Itchen Daisy 3d, 15630	Red Hall 1542 FS
Imp. Itchen Daisy 3d, 15630	(Sec. I - Line 123)
Imp. Itchen Daisy 3d, 15630	Rydale V - 982 FS
Imp. Itchen Daisy 3d, 15630	Rydale 767 FS (III)
Imp. Itchen Daisy 3d, 15630	Rydale 475 FS
Imp. Itchen Daisy 3d, 15630	(Sec. I - Line 82)
Imp. Itchen Daisy 3d, 15630	Royal Blood VI 1261 FS
Imp. Itchen Daisy 3d, 15630	Frances Masher II
Imp. Itchen Daisy 3d, 15630	1102 FS
Imp. Itchen Daisy 3d, 15630	(Sec. I - Line 85)
Imp. Itchen Daisy 3d, 15630	Royal Blood VI 1261 FS
Imp. Itchen Daisy 3d, 15630	Frances Masher II
Imp. Itchen Daisy 3d, 15630	1102 FS
Imp. Itchen Daisy 3d, 15630	(Sec. I - Line 85)
Imp. Itchen Daisy 3d, 15630	Royal Blood VI 1261 FS
Imp. Itchen Daisy 3d, 15630	Frances Masher II
Imp. Itchen Daisy 3d, 15630	1102 FS
Imp. Itchen Daisy 3d, 15630	(Sec. I - Line 85)



DAMS OF GREAT PRODUCING SIRES

Due to the fact that one female during her lifetime produces relatively so few offspring, perhaps less than 50% of which are heifers, it was thought unwise to tabulate females according to production of their offspring. Instead, dams of the sires made great by the production of their offspring were studied.

Table XIII contains the list of sires found in Table V. In addition, the sires' dams, and the dams' sires, are listed and traced back either to an individual found in Genealogy Table VI, Foundation Stock, the English Guernsey Herd Book, or to the Royal Alderney Agricultural Society Herd Book.

TABLE XIII.

GREAT TRANSMITTING SIRES (PRODUCTION) WITH THEIR DAMS

GREAT SIRES	THEIR DAMS	THEIR DAM'S SIRE
1. Ne Plus Ultra 15265	Imp. Itchen Daisy 3d. 15630	May Day 1132 EGHB
2. King of the May 9001	Imp. Itchen Daisy 3d. 15630	(Sec. I - Line 12) May Day 1132 EGHB (Sec. I- Line 12)
3. Yeoman's King of the May 17053	Florham Daisy 18115	Masher's Sequel 1266 PS (Sec. I-Line 86)
4. Imp. Golden Beatrice of Lilyvale 3575 PS	Klondyke 1066 PS	Silver Stream 935 PS Squire of the Ponchez 837 PS Pas Mal 1542 PS (Sec. I - Line 129)
5. Gov. of the Chene 1297 PS	Richesse du Chene VIII 4004 PS	Rydale V -982 PS Rydale 767 PS (III) Rydale 475 PS (Sec. I-Line 82)
6. Imp. Clara's Sequel 29414	Clara XVI of the Rowets 5476 PS	Royal Blood VI 1261 PS Frances Masher II 1102 PS (Sec. I - Line 85)
7. Imp. Cora's Gov. of Chilmark 8971	Imp. Cora's Queen Prize IV 16004	France's Jewel II 1065 P



7. (continued)
8. Langwater Hayes Rosie's King of the May 16723      Langwater Hayes Rosie 24200
9. Imp. Masher's Sequel 11462      Imp. Lena from the Isle 14015
10. Bell-Founder 11681      Imp. Island Blossom 18886
11. Gov. I of the Chene 10563      Ringdale Bella II 4441 PS
12. May King's Vrangue of Ingleside 15430      Dolly Bloom of Langwater 15452
13. Langwater Demonstrator 16451      Imp. Hayes Felois 2d. 15478
14. Langwater Royal 14253      Langwater Royal Rose 21334
15. Jethro Bass 11366      Dolly Bloom 12770
16. May Rose King 8336      May Rose II-3251 PS
17. King of Chilmark 20798      Imp. Antoinette's Queen's Prize VII 16010
18. Lavanton 11611      Laversa R. 15064
19. Langwater Warrior 26509      Imp. Langwater Lily 26606
20. Golden Noble II 1836 PS      Dairy Maid of the Briquits 5194 PS
- Masher II 858 PS  
(Sec. I - Line 84)  
Imp. Royal Rival 9572  
Imp. Rival of Spotswood 8839  
Rival of Mont Marche 1164 PS  
(Sec. I - Line 122)  
Imp. Ammatto 3887  
Ringleader 590 PS  
Advantage 463 PS  
Volage 98 PS  
(Sec. I - Line 81)  
Imp. France's Masher II 7248  
(Sec. I - Line 85)  
Ova 1087 PS  
Grimpo 948 PS  
Squire of the King's Mill VII 838 PS  
Pas Mal 542 PS  
(Sec. I - Line 129)  
Pocomoke 6075  
John R. Gentry 4655  
Pat of Haddon 3919  
(Sec. II - Line 37)  
Hayes Prince 1205 EGHB  
Imp. Yeoman 8618  
(Sec. I - Line 157)  
Devain 5846  
Paximosa 4454  
Bonny Boy 2d. 3427  
Bonny Boy 1097  
(Sec. I - Line 3)  
Claremont May Rose 3648 EGHB  
Pharon 43 PS  
(Sec. I - Line )  
Gov. of the Chene 1297 PS  
(Sec. I - Line 134)  
Duke of Hardwick 6436  
Pinks La Pierre 3923  
Imp. La Pierre 3501  
Rydale 475 PS  
(Sec. I - Line 82)  
Imp. Golden Secret 12599  
(Sec. I - Line 18)  
King Edward 1291 PS  
His Majesty I 1187 PS  
His Majesty 952 PS  
Lord Mortimer II 743  
Saxon 441 PS  
Maston Town 2d. 273 PS  
Master Town 170 PS  
Excelsior 5th 11 PS



20. (continued)

- |  |  |   |
|--|--|---|
| 21. Langwater Cavalier 21012               | Langwater Daisy 22139                    | Excelsior 4th. 12 PS                                |
| 22. Gold Lassie's Julian 27704             | Gold Lassie of Paxtang 28211             | Sir Strafford 1st. 135 FS                           |
| 23. Imp. Masher's Galore 8572              | Zara 3471 PS                             | Excelsior 1st. 42 FS                                |
| 24. Langwater Stars & Stripes 21872        | Dolly Dimple 19144                       | Fair Lad 7 FS                                       |
| 25. Imp. Border Raider 22243               | Itchen Verbena 5501EGHB                  | Vanquiedor 40 FS                                    |
| 26. Barrington May King 19312              | Ashland's Violet of Lyndon Heights 22045 | Imp. King of the May 9001<br>(Sec. I-Line 351)      |
| 27. Langwater Pencoyd 21830                | Langwater May Queen 22141                | Gold Lassie of Paxtang 24696                        |
| 28. Florham Laddie 20431                   | Golden Lassie of Paxtang 24696           | Lad Duly of Paxtang 7744                            |
| 29. King Masher 11084                      | Imp. Antoinette's Queen's Prize 16010    | Glenwood Boy of Haddon 4605<br>(Sec. II - Line 38)  |
| 30. Imp. Florham's Sequel of Vimiera 45954 | King of the Finquets 1674 PS             | Vladimir 655 PS                                     |
| 31. King Bell 13482                        | Imp. Bella III of the Ramee 18899        | Playful 599   |
| 32. Ne Plus Ultra 4th. 29328               | Golden Lassie of Paxtang 24696           | Zanzibar 305 PS<br>(Sec. I - Line 128)              |
| 33. Imp. Galaxy's Sequel 16904             | Galaxy 4422 PS                           | Imp. Yeoman 8618<br>(Sec. I - Line 157)             |
| 34. Lord Mar 14359                         | Imp. Miriam of the Isle 21337            | Ashland of Lyndon Heights 10079                     |
|  |  | Imp. Princess of Lyndon Heights 8320                |
|  |  | Harley of Chibrol 1182 PS                           |
|  |  | Loyal of the Hunguets 978 PS<br>(Sec. I - Line 154) |
|  |  | Imp. King of the May 9001<br>(Sec. I - Line 35)     |
|  |  | Lord Duke of Paxtang 7744                           |
|  |  | Glenwood Boy of Haddon 4605<br>(Sec. II - Line 38)  |
|  |  | Gov. of the Chene 1297 PS<br>(Sec. I - Line 134)    |
|  |  | Our Paradox II 1312 PS                              |
|  |  | Rydale VII 1112 PS                                  |
|  |  | Rydale V 982 PS                                     |
|  |  | Rydale III 767 PS<br>(Sec. I - Line 83)             |
|  |  | Fountain Head 1309 PS                               |
|  |  | Lord Duke of Paxtang 7744                           |
|  |  | Glenwood Boy of Haddon 4615<br>(Sec. II - Line 38)  |
|  |  | Sequel of the Capelles 986 PS                       |
|  |  | Surprise of the Capelles 818 PS                     |
|  |  | Surprise 573 PS<br>(Sec. I - Line 164)              |
|  |  | Squire of the Honards 1038 PS                       |
|  |  | Buxom 933 PS  |
|  |  | Roseberry 959 PS                                    |
|  |  | Deputy 720 PS                                       |
|  |  | Vulcan 5th 344 PS                                   |
|  |  | Vulcan 2d. 65 PS                                    |
|  |  | Vulcan 20 PS  |



34. (continued)

35. Langwater May King 13001 Imp. La Belle Petite 18114

36. Langwater Rival 14194 Royal Rival's Queen 20130

37. Justinee's Sequel of the Preel Justinee's IV  
2197 PS 5091 PS

38. Imp. Raymond's Pearl King Princess May of the Hunguets  
24301 IV 7574 PS

39. Rex of Rich Neck 31472 Bloomfield Pandora 20760

40. Jardiener's Masher 20957 La Belle Jardieniére 24945

41. Ultra May King 27600 Ultra Lady 38913

42. Langwater Hambro 21011 Langwater Hayes Rosie 24200

43. Glenwood Boy of Haddon 4605 Glenwood Girl 2d. 9108

44. Eminent of Sarnia 32963 Primrosedale 6th 35365

45. Imp. Itchen May King 25174 Itchen Verbena 5501 EGHB

46. Itchen's Daisy's May King Imp. Itchen Daisy 3d. 15630  
of Langwater 17349

47. Imp. Hayes Cherub II 25147 Imp. Hayes Golden Cherry 3d.  
44965

48. May Rose King 2d. 13130 Imp. Secrets Primrose 18907

49. Victor of Pencoyd 18901 Jessie of Maple Lane 23457

50. Imp. Holden IV 12179 Buttercup of the Grove 2394 FS

51. Alderney II 2215 PS Lady Alderney 5682 PS

52

Roger 17 FS

Rival 84 FS

Vallais 56 FS

Masher's Sequel 1266 PS

(Sec. I - Line 86)

Imp. Royal Rival 9572

Imp. Rival of Spotswood 8839

Rival of Mont Marche 1164 PS

(Sec. I - Line 122)

Masher II 858 PS

(Sec. I - Line 84)

Royal Gov. of L'Etiennerie

1484 PS

Gov. of the Chene 1297 PS

(Sec. I - Line 134)

Imp. Masher's Jewel 8868

Royal Squire IV of L'Etiennerie  
1210 PS

France's Jewel II 1065 PS

Masher II 858 PS

(Sec. I - Line 84)

Imp. May Rose King 8336

(Sec. I - Line 34)

Ne Plus Ultra 15265

(Sec. I - Line 37)

Imp. Royal Rival 9572

Imp. Rival of Spotswood 8839

Rival of Mont Marche 1164 PS

(Sec. I - Line 122)

Kalmea 740

Amber 145

Selma's Glenwood 12596

Glenwood Boy of Haddon 4605

(Sec. II - Line 38)

May Day 1132 EGHB

(Sec. I - Line 12)

Hayes Royal 1674 EGHB

Golden Secret 1314 PS

(Sec. I - Line 18)

Henry of Fairview 6962

Henry 1st. 2224

DeWit 1246 PS

Squire of La Lande I 1095 PS

Squire of La Lande 895 PS

Squire of the King's Mill V 65

2 PS

Carnot 410 PS

May Boy 176 PS

Farmer's Pride 157 FS



51. (Continued)

- |  |                               |   |
|--|-------------------------------|---|
| 52. John Q. of Edgewater 20967                 | Imp. Ma Charmante 6th 31925   | Champion 1 PS   |
| 53. Charmantis Rose King 11746                 | Rose of York 17290            | Willie 99 FS  |
| 54. Ledyard Boy 11074                          | Lady Bay of Verona 9767       | St. Andrews 1st. 1 FS<br>(Sec. II - Line 1)           |
|  |                               | Chatford Hope 2d. 1814 EGHB                           |
|  |                               | Imp. May Rose King 8336<br>(Sec. I - Line 34)         |
|  |                               | Onondaga Boy 3942                                     |
|  |                               | May Boy 2746  |
|  |                               | Daniel 1706   |
|  |                               | Jeweller 7th 777                                      |
|  |                               | Jeweller 117  |
|  |                               | Imp. Sir Champion 38                                  |
| 55. Reputation of Portage 10695                | Jeweller's Fontaine 14714     | Lily Ella's Jeweller 5417<br>(Sec. II - Line 13)      |
| 56. Surprise 2054 PS                           | Mirian III 5996 PS            | Nelson of the Howards I 1294 PS                       |
|  |                               | Nelson of the Howards 1134 PS                         |
|  |                               | Fair Lad of the Howards 288 FS                        |
|  |                               | Avail 847 PS  |
|  |                               | Cavalier 700 PS                                       |
|  |                               | Boule d'or 529 PS                                     |
|  |                               | Claude 375 PS   |
|  |                               | Volage 98 PS<br>(Sec. I - Line 81)                    |
| 57. Lord Waukesha 10148                        | Rubina I 6223                 | Saving of Paulsdale 1748<br>(Sec. I - Line 4)         |
| 58. Jewel's Independence 10324                 | Little Jewel 7517             | Serenader's Forget-Me-Not 3151<br>(Sec. II - Line 48) |
| 59. Imp. Sequel's Monogram 1838 PS             | France's Honoria 4670 PS      | France's Masher II 1102 PS<br>(Sec. I - Line 85)      |
| 60. Bell Buoy of Linda Vista 19430             | Easton Bell 24201             | Imp. Yeoman 8618<br>(Sec. I - Line 157)               |
| 61. Rinaldo 8917                               | Belle R. 6933                 | Yeksa's Prince 1943                                   |
|  |                               | Perch 1257  |
|  |                               | Sir Champion 16th 557                                 |
|  |                               | Sir Champion 38                                       |
| 62. Dolly Dimple's May King of Langwater 12977 | Dolly Dimple 19144            | Imp. Yeoman 8618<br>(Sec. I - Line 157)               |
| 63. Imp. Flora's Sequel II of Vimiera 28603    | Imp. Flora of Vimiera 45954   | King of the Friquet 1674 PS                           |
|  |                               | Our Paradox 1312 PS                                   |
|  |                               | Rydale VI 1112 PS                                     |
|  |                               | Rydale V 982  |
|  |                               | Rydale 767 PS   |
|  |                               | Rydale 475 PS<br>(Sec. I - Line 87)                   |
| 64. Spotswood Sequel 9686                      | Imp. Spotswood Busy Bee 17606 | Imp. Island Champion 6263                             |
|  |                               | Masher 705 PS<br>(Sec. I - Line 83)                   |



65. King Masher V 18361	Masher's Elsie 24986	King Masher 11084 (Sec. I - Line 107)
66. King's Vanguard 22719	Lovely Rose 33051	May Rose King 2d. 13130 (Sec. I-Line 78)
67. Imp. Gay Boy of the Isle 16998	La Fleur du Jardin X 4706 PS	Royal Blood IV 1086 PS Royal Blood I 870 PS Governor of L'Etiennerie 641 PS Antoinette's Jewel 313 PS Sir Rowland of L'Etiennerie 202 PS
68. King Frances 13500	Princess Florham 19650	Joe 132 FS Guy Fawkes 79 FS Sans Peur Florham King 8401 (Sec. II - Line 21)
69. Julia of Koshkonong Place 14409	Blossom of Koshkonong Place 24507	Starlight's Excelsior 7992 Standard 4652 Springer 2685 (Sec. II - Line 5)
70. Brilliant of the Gem 2377 PS	Buttercup du Pont 3448 FS	
71. Glenwood Champion 15639	Coralie of Pinehurst 13057	Main Stay 3789 (Sec. II - Line 25)
72. Imp. Golden Secret 12599	Rose of Gold 3668 PS	Penny Come Quick II 821 PS Toby 685 PS Sir Modred 489 PS Fred Archer 239 FS
73. Demonstrator of Roughwood 23133	Princess Fay of Hardwick 26495	Prince of Graton 8941 Sheet Anchor 3d. 4714 Sheet Anchor 2934 (Sec. II - Line 19)
74. Masher's Elsie's May King 30630	Masher's Elsie 24986	King Masher 11084 (Sec. I - Line 107)
75. Glenwood Mainstay 16th 9384	Bess of Bend Brook 10003	Royal Fern 3999 King Fern 2612 Traveler's Surprise 1913 Imp. Traveller 340

Tables XII and XIII contain the outstanding Guernsey females in regard to show yard winnings and large production respectively.

A study of pedigrees would give the best possible insight into the method of breeding of the females listed in the above mentioned tables. A study of some 150 pedigrees being too stupendous an undertaking at this time, the next best method of finding out how these individuals are bred is by a study of their line of sires. This was done, and wherever possible to trace to a sire found in either of



the Genealogy Tables, it was done. So by tracing through their line of sires, and then through the Genealogy Table, where possible, a very clear understanding of the breeding of the great Guernsey females was gathered.

The 70 dams found in Table XII are so placed because of their prize winning offsprings. When traced through their sires, 32 trace to Presto 14 PS, 11 to St. Andrews 1st. 1 FS, and of the 27 not found in Genealogy Table VIII, eleven trace to Foundation Stock, thirteen to the English Guernsey Herd Book, one to the Royal Alderney Agricultural Society Herd Book, and two through error of Herd Book number and loss of page in Herd Register, cannot be traced out. Analysing these figures we find the same general breeding of dams as was found in the case of sires, though not quite so extensively. Approximately 15% of the dams trace to foundation stock, while Presto 14 PS is the common ancestor of about half the females in the Table. If the thirteen English imported animals were studied, without doubt many would trace to Presto 14 PS. The number of prize winning dams whose sires trace to importation from England is an indication that the British breeder is alive to the fact that there is a great demand for individuals of wonderful type, and he is taking advantage of circumstances and is producing just as good type Guernseys as are to be found anywhere.

Table XIII contains 75 names of dams of sires made great by the production of their offspring. Of their sires 58 are found in Genealogy Table VI, and of this number 46 trace to Presto 14 PS and 12 to St. Andrews 1st. 1 FS. Of the 17 remaining, eleven are of foundation stock, five trace to the English Guernsey Herd Book, and one cannot be found because of error in Herd Book numbers. Here again Presto 14 PS stands above all other common ancestors even to a more marked degree than in the case of prize winning dams. Fewer sires of English stock were found than was found among the prize winners. This might cause the question to be asked "Have English breeders sacrificed production for type?"



TABLE XIV.

GREAT TRANSMITTING SIRES WITH THEIR DAMS

Great Sires	Their Dams	Their Dam's Sire
1. King of the May (Sec. I - Line 35)	Itchen Daisy III	May Day (Sec. I - Line 13)
2. Ne Plus Ultra (Sec. I - Line 37)	Itchen Daisy III	May Day (Sec. I - Line 13)
3. Hayes Cherub II (Sec. I - Line 26)	Hayes Golden Cherry 3d.	Hayes Royal *
4. Lord Mar (Sec. I - Line 125)	Miriam of the Isle	Squire of the Houards Out of Nelly des Baissieres II By Avondale By Rydale (Sec. I - Line 82)
5. Itchen May King (Sec. I - Line 23)	Itchen Verbena	May Day (Sec. I - Line 13)
6. Governor of the Chene (Sec. I - Line 134)	Richesse du Chene VIII	Rydale V Rydale (Sec. - Line 82)
7. Beda's May King (Sec. I - Line 77)	Sheet Anchor's Beda	Rutila's Sheet Anchor Sheet Anchor (Sec. 2 - Line 19)
8. King of Chilmark (Sec. I - Line 146)	Antoinette's Queen Prize VII	Governor of the Chene (Sec. I - Line 134)
9. Langwater Royal (Sec. I - Line 64)	Langwater Royal Rose	Yeoman (Sec. I - Line 157)
10. May Rose King (Sec. I - Line 34)	May Rose II	Pharon (Sec. I - Line 11)
11. Jethro Bass (Sec. I - Line 52)	Dolly Bloom	Divan By Paxinese By Bonny Boy 2d. By Bonnie Boy (Sec. I - Line 3)
12. Jardiniere's Masher (Sec. I - Line 105)	La Belle Jardiniere	May Rose King (Sec. I - Line 34)
13. Langwater Cavalier (Sec. I - Line 43)	Langwater Daisy	King of the May (Sec. I - Line 35)
14. Gold Lassie's Julian (Sec. I - Line 120)	Gold Lassie of Paxtang 24 dem - Golden Lassie of Paxtang	Lord Darby of Paxtang By Glenwood Boy of Haddon (Sec. 2 @ Line 38)
15. Yeoman (Sec. I - Line 157)	Hayes Rosie	Jumbo *
16. Galaxy's Sequel (Sec. I - Line 96)	Galaxy	Sequel of the Capelles Surprise of the Capelles Surprise Criterion II Volage (SEC. I Line 81)



17. Dolly Dimple's May King of Langwater (Sec. I - Line 36)	Dolly Dimple	Yeoman (Sec. I - Line 157)
18. Lord Waukesha (Sec. I - Line 8)	Rubina T	Sammy of Paulsdale (Sec. I - Line 4)
19. Bell Buoy of Linda Vista (Sec. I - Line 55)	Easton Belle	Yeoman (Sec. I - Line 157)
20. Ladock Cowboy (Sec. I - Line 138)	Ladock Sweet Briar 2d. dam- Ladock Beauty	Braye Boy 2d Royal Gov. of L'Etiennerie Governor of the Chene (Sec. 1 - Line 134)
21. May King of Linda Vista (Sec. I - Line 72)	Queen of the Roses	May Rose King (Sec. I - Line 34)
22. Pretoria's King of Midlothian (Sec. I - Line 67)	Don's Pretoria	Pretor Rutila's Sheet Anchor (Sec. 2 - Line 20)
23. Glenwood's Reputation (Sec. I - Line 26)	Glenwood Girl 2d. 2d dam - Glenwood Girl M	
24. Masher (Sec. I - Line 83)	Nellie	

The section and line referred to in parenthesis are found in Genealogy Table VI.

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Table XIV contains the great sires as listed in Table IX which is based on both show yard winnings and production of offspring. This table of the great transmitting sires of the Guernsey breed, when studied with their dams, and their dams's sire, affords an excellent opportunity for a study of the influence of great female individuals of the breed. A study of Table XIV brings out in a very clear way the influence of females in moulding individuals of great production and wonderful type. Every great sire found in Table XIV is out of a good cow, whose sire traces to the same common ancestor as the great sire of the table. The only exceptions are Hayes Cherub 2d. 25147, out of Hayes Golden Cherry 3d. 44965, by Hayes Royal 1674 EGHB, and English sire whose ancestry could not be ascertained; Yeoman 8618, out of Hayes Rosie 15476, by Jumbo, a sire whose ancestors on Alderney are not known; Glenwood's Reputation, out of Glenwood Girl 2d., a foundation cow; and Masher, out of Nellie, an unknown cow.



With these exceptions, the dams carry the same blood as do the great sires. A study of the pedigrees of the great sires shows that intense line breeding during the past twenty-five years, has developed a wonderful type of dairy animal, and one in which great production has been always combined. When, by this method of breeding, two exceptionally good individuals of the same blood lines are crossed, a great transmitting animal is the result.

A wealth of information may be gained from a study of pedigrees of any breed of live stock. In no other manner is it possible to get such an insight into the make-up of an individual as by a study of its pedigree. In the following study, the greatest sires, as proven by the production and prize winning of their offspring, were traced through five generations.

A study of the first 18 sires listed in Table 7 revealed some interesting facts. This list is composed of individuals made great through the great production of their offspring. The general type of breeding found in the pedigrees of their sires caused them to be grouped into three classes, as follows: - -

<u>CLASS I.</u>	<u>CLASS II.</u>	<u>CLASS III.</u>
No. Five Ultra	Governor of the Chene	Golden Secret of Lillyvale
King of the May	Corra's Governor of Chilmart	Clara's Secret
Yowan's King of the May	Governor I of the Chene	Washer's Sequel
Langwater Hayes Rosie	King of Chilmart	Bell-Founder
King of the May		
My King's Frangue of Ingleside		
Langwater Demonstrator		
Langwater Royal		
Jethro Ross		
May Rose King		
Lavinton		

Eighteen sires were studied, representing those animals scoring 50 or more points in Table 7. Ten of these came under Class I, which might well be named the May Rose family, because, when carried back for five generations, in every case, May Rose II 4531 P. that great foundation cow, is found at least once, and more



PART V.

A PEDIGREE STUDY OF GREAT SIRE

Sires of Great Producing Individuals

A wealth of information may be gained from a study of pedigrees of any breed of live stock. In no other manner is it possible to get such an insight into the make-up of an individual as by a study of its pedigree. In the following study, the greatest sires, as proven by the production and prize winning of their offspring, were traced through five generations.

A study of the first 18 sires listed in Table V revealed some interesting facts. This list is composed of individuals made great through the great production of their offspring. The general type of breeding found in the pedigrees of their sires caused them to be grouped into three classes, as follows: - -

<u>CLASS I</u>	<u>CLASS II.</u>	<u>CLASS III.</u>
Ne Plus Ultra	Governor of the Chene	Golden Secret of Lilyvale
King of the May	Cora's Governor of Chilmark	Clara's Sequel
Yeoman's King of the May	Governor I of the Chene	Masher's Sequel
Langwater Hayes Rosie	King of Chilmark	Bell-Founder
King of the May		
May King's Vrangue of Ingleside		
Langwater Demonstrator		
Langwater Royal		
Jethro Bass		
May Rose King		
Lavanton		

Eighteen sires were studied, representing those animals scoring 60 or more points in Table V. Ten of these come under Class I, which might well be named the May Rose Family, because, when carried back for five generations, in every case, May Rose II 3251 PS, that great foundation cow, is found at least once, and more



often several times. The most prominent sire noticed in this class is Loyal of the Hunguets 978 PS, occurring in every pedigree. In two pedigrees only is this individual found less than twice, three or four occurrences being the rule more than the exception. This bull is the great-grand-sire of King of the May 9001, both through sire and dam. Such an individual is bound to have left his stamp on his progeny, and should be regarded as an important ancestor of our present great sires. France blood is also found in studying the pedigrees of sires of great producers. France II, III, and V occur in a great number of the pedigrees. From the number of times they occur, it would seem that May Rose, Loyal of the Hunguets, and France blood must have played an important part in transmitting and intensifying production as it is found today.

Class II contains four names, in the pedigrees of which, the name of Governor of the Chene 1297 PS is found in every one. There is also a sprinkling of France, Masher, and Rydale blood in each pedigree. Each of these trace to Presto 14 PS, a common ancestor of a large percent of all the sires listed in Table V.

In Class III are found four individuals which do not fit into either of the above classes. Clara's Sequel 29414, Masher's Sequel 11462 and Bell-Founder 11681 are the result of a cross of two individuals carrying an intensification of Masher blood. Golden Secret of Lilyvale 10028 carries a very large percentage of the blood of Presto 14 PS, with a good infusion of May Rose stock.

A study of all of the animals found in the three classes discussed, shows that every one traces through Genealogy Table VI to Presto 14 PS and reveals the method of breeding that resulted in sires that are prepotent enough to produce great fat producing daughters.

The origin of the Guernsey Breed is obscure, but it is now generally thought



that it came as the result of a cross of the small Froment du Leon stock of Brittany, France, and the large brindle cattle found in Normandy.

The early history of Guernsey breeding is one of close inbreeding in the hands of men who sought desirable characteristics, and endeavored to keep in mind a few points of type, color of skin and secretion, combined with production. After generations of this, when a cross of such individuals of different families, different blood lines of the same family, or even animals fairly closely related, a great prepotent animal was the result.

In the case of sires that have proven their ability to transmit production, the method of breeding seems to have been the second one named above; i.e., a cross of different lines of the same family. The fact that every sire studied traced to Presto shows conclusively that at least the sires are of one family. The same is true of practically all of the dams of, only one of the 18 pedigrees studied do not trace to Presto 14 PS, and this one traces to St. Andrews, the second greatest foundation sire of the breed.

These winners seem to have had Golden Secret blood on their sire's side, and when crossed on females containing such production blood of Presto as Easher, Governor of the Shens, and Loyal of the Auguste, etc., an individual of wonderful type results.

Class II containing four individuals, the only similarity in their make-up being the fact that Loyal of the Auguste 978 PS is present in each pedigree.

In Class III, Old Fuddy 18703 and Lord War 14774 are somewhat similar due to the large amount of Easher and female blood found. Easher's contemporary 978 has a very ordinary pedigree, no animals of prominence being found.



SIRES OF GREAT PRIZE WINNING INDIVIDUALS.

A classification of the pedigrees of the first 14 animals listed in Table VII, showed that there were three classes as follows: - -

CLASS I	CLASS II	CLASS III
Hayes Cherub II	King of the May	Old Paddy
Ladysmith Cherub	Princess Jewel	Lord Mar
Itchen May King	Yeoman	Glencoe's Canterbury
Cherub's Prince	May King of Ingleside	
Itchen Red Raider		
Kenilworth Gold		
Hayes Branch		

The first class was that containing the blood of Imp. Golden Secret 12599. This bull through his sires, traces out through foundation stock in three generations, but when traced through Rose of Gold 4279 EGHB, his dam, and May Rose IV 3251 PS, his great-dam, we find the first of the May Rose line, May Rose 1392 FS, and a large percent of the blood of Presto 14 PS.

Imp. Golden Secret 12599 is found in one half of this group, among which are the greatest show yard winners of the day. These winners seem to have Imp. Golden Secret blood on their sire's side, and when crossed on females containing such production blood of Presto as Masher, Governor of the Chene, and Loyal of the Hunguets, etc., an individual of wonderful type results.

Class II containing four individuals, the only similarity in their make-up being the fact that Loyal of the Hunguets 978 PS is present in each pedigree.

In Class III, Old Paddy 16903 and Lord Mar 14359 are somewhat similar due to the large amount of Masher and Rydale blood found. Glencoe's canterbury 7728 has a very ordinary pedigree, no animals of prominence being found.



In studying the make-up of the pedigrees of sires of prize winners, the same principle of breeding as found in the case of sires of producers, was shown to be true. Of this list studied only one individual does not trace to Presto 14 PS, Glencoe's Canterbury 7728 tracing to the St. Andrews family. The use of blood lines however, seems a little different in breeding prize winners, than in the production class. A great deal of English blood has been introduced, of which Hayes Branch 2034 EGHB seems to carry a great deal, as a result of being the grandson of Imp. Golden Secret 12599. The dams of these great sires are bred very similar to those used in crosses with great producing sires, or else they are English bred.

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SIRES OF INDIVIDUALS SCORING OVER 75 IN  
PRODUCTION AND SHOWYARD WINNINGS

Eleven animals fall into this group. Their pedigrees likewise cause them to be placed in three classes as follows: - -

CLASS I	CLASS II	CLASS III
King of the May Ne Plus Ultra Itchen May King Beda's May King Langwater Royal May Rose King Jathro Bass	Lord Mar Governor of the Chene King of Chilmark	Hayes Cherub 2d.

Class I might be called Loyal of the Hunguet Intensification, because of the number of times this sire's name appears in each pedigree. In five of the seven animals studied this individual is in the pedigree of both sire and dam. In no case is he absent, and only once is he found less than two times, illustrating very forcibly the fact that great sires are the result of crosses of intensely line bred animals •



Class II contains three individuals grouped together because of the large amount of Presto blood in the form of Masher and Rydale Crosses, found in each, illustrating again the fact that out crosses of line bred individuals produce great sires.

The single individual of Class III, Hayes. Cherub 2d 25147, is at present the greatest producer of showyard winning offspring in this country. A study of his pedigree, however, shows very little reason for this. His blood lines, as compared with other great sires, are weak. The small amount of May Rose blood, passed on through Imp. Golden Secret 12599, is perhaps this animal's only reason for greatness. Whether this blood is strong enough to uphold his reputation in the future and pass it on to his progeny is a question time alone will answer.



SUMMARY

1. The true measure of a sire's merit is the high average production of all his daughters and the excellent type of all his offspring, rather than the total number of Advanced Register daughters, or an exceptional individual.
2. The greatest foundation sire of the Guernsey breed is Presto 14 PS.
3. The two greatest foundation cows of the Guernsey breed are May Rose II 3251 PS and Itchen Daisy 3d. 15630.
4. The two greatest sires of the Guernsey breed, based on the production of their daughters, are Ne Plus Ultra 15265 and King of the May 9001.
5. The two greatest sires of the Guernsey breed, based on the showyard winnings of their offspring, are Hayes Cherub 2d 25147 and Ladysmith's Cherub 30760.
6. The four greatest sires of the Guernsey breed, based on both production and individual merit of offspring are King of the May 9001, Ne Plus Ultra 15265, Hayes Cherub II 25147, and Lord Mar 14359.
7. The two greatest dams of the Guernsey breed, based on the show yard winnings of their offspring, are Ladysmith of the Isle 28355, and Hayes Golden Cherry 3d. 44965.
8. The greatest sires of the Guernsey breed are the result of a cross between closely related families of linebred stock.
9. A study of the pedigrees of great sires, of the Guernsey breed, strengthens the conclusion reached in summary point 8.

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