

UMASS/AMHERST

3



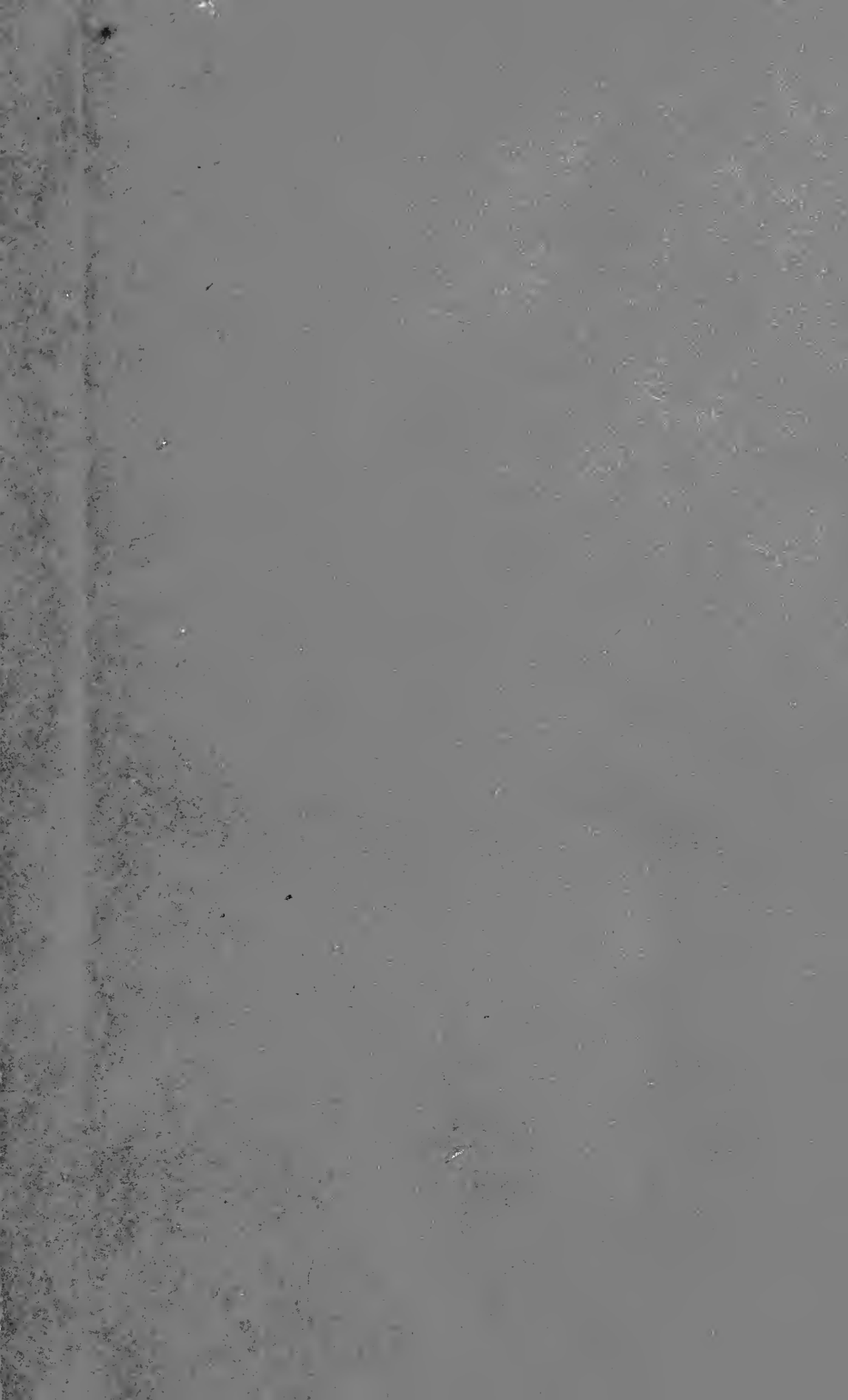
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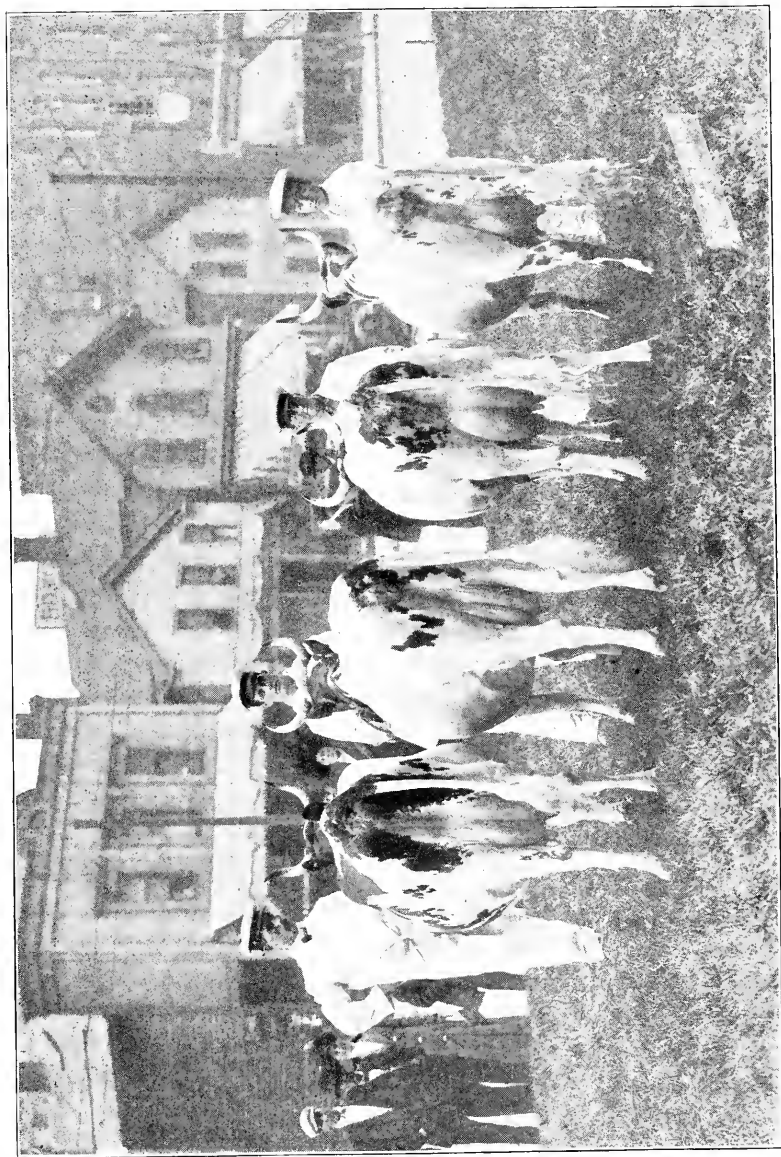
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CHAMPION AYRSHIRE DAIRY HERD
International Dairy Show, 1911

AYRSHIRE YEAR BOOK

Nineteen Hundred
and Thirteen



Devoted to the Publicity of the
Ayrshire Cow by the
Ayrshire Breeders' Association

626

1918

1918

ANIMAL
HUSBANDRY

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Wood, Byron	Danielson.

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Stewart, John	Elburn.
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INDIANA.

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Harper, E. T.....	Augusta.

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Wallace Hart	Shelbyville.

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Stetson, S. F., & Son.....	East Sumner.
True, Joseph S.....	Lewiston.

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Scott, J. McPherson.....	Hagerstown.
Maryland Agricultural Ex. Sta- tion	College Park.

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Harrison, Roden S.....	Boston (Revere House).
Harwood, Richard G.....	Littleton.
Haskell, A. M.....	North Beverly.
Hastings, Wallace H.....	Southwick.
Higginson, A. Henry.....	South Lincoln.
Hutchins, C. H.....	Shrewsbury.
Johnson, Frank L.....	Feeding Hills.
Kimball, Frederick	East Haverhill.
Kimball, Ivory W.....	Rehoboth.
Knowlton, George W.....	West Upton.
Lawrence, James	Groton.
Leach, J. Hooper.....	Bridgewater.
Leach, Philo	Bridgewater.
Marble, A. B.....	Somerville.
Mellen, C. S.....	Stockbridge.
Merriam, Herbert	Weston.
Morrell, Harry E.....	Wayland.
Mt. Hermon Boys' School.....	Mt. Hermon.
Newton, L. W.....	Ashburnham.
Pardey, H. W.....	Segreganset.
Peirce, F. C.....	Concord Junction.
Pierce, George H.....	Concord.
Piper, Anson C.....	South Acton.
Potter, H. J. & C. T.....	West Upton.
Ray, Joseph G.....	Unionville.
Sage, Charles D.....	North Brookfield.
Sagendorph, Arthur H.....	Spencer.
Scott, Thaxter, & Son.....	Hawley.
Searle, Charles P.....	Ipswich.
Smith, Peter D.....	Andover.
Stevens, Edmund H.....	Cambridge.
Stickney, George E.....	Newburyport.
Stone, George F.....	Littleton.
Tyler, Arthur F.....	Athol.
Wales, George R.....	North Beverly.
Walker, William I.....	Great Barrington.
Warner, Benj. W.....	Hatfield.
Wentworth, E. A.....	Amherst.

MICHIGAN.

Black, Ernest A., & Sons.....	Lake View.
Michigan School for the Deaf..	Flint.
Olin, R. M.....	Caro.
Roberts, Edward C. W.....	New Richmond.

MINNESOTA.

Gallinger, J. N., & Son.....	Glenwood.
Hill, James J.....	St. Paul.
Reeve, C. McC.....	Minneapolis.
University of Minnesota.....	St. Paul.
Wilcox, John F.....	Minneapolis.

MISSISSIPPI.

Surget, James	Natchez.
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MISSOURI.

University of Missouri.....	Columbia.
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NEBRASKA.

Agricultural Dept. University of Nebraska	Lincoln.
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NEW HAMPSHIRE.

Abbott, J. N.....	Concord.
Bell, Charles J.....	Hollis.
Benson, Horace A.....	Lebanon.
Breck, Stephen R.....	Claremont.
Childs, Harlow N.....	Piermont.
Clarke, Alfred	Walpole.
Clark, George C.....	Orford.
Cross, W. L.....	Ponemah.
Doud, Arthur V.....	Bristol.
Edes, Samuel	Newport.
Edmonds, Thomas R.....	Keene.
Fletcher, Etna J.....	Greenfield.
Garvin, W. R., Estate.....	Dover.
Gulick, Edw. L.....	Hanover.
Hayes, Charles H.....	Portsmouth.
Hayes, Charles S.....	Portsmouth.
Holt, Andy	Lyndeboro.
Holt, E. A., & Son.....	Nashua.
Kelsea, Ira & James.....	Colebrook.
Kimball, Herbert M.....	Concord.
Marshall, William C.....	Laconia.
Merrill, George F.....	Hampton Falls.
Rockwood, C. E., & Son.....	Temple.
Russell, Frank E.....	Greenfield.
Saladino, Joseph	Orford.
Sawyer, E. E.....	Atkinson.
Strafford Co. Farm.....	Dover.

The Uplands	Bridgewater.
Towne, H. F.....	Hooksett.
Upham, Charles H., & Son....	Thornton's Ferry.
Yeaton, George H.....	Dover.

NEW JERSEY.

Beach, Frederick H.....	Morristown.
Burke, Joseph F.....	Morristown.
Casterline, J. Andrew.....	Dover.
Farley, F. C.....	Milburn.
Freeman, Charles D.....	Iselin.
Glen Alpine Farm.....	Morristown.
La Monte, Geo.....	Bound Brook.
Lindsay, William	Plainfield.
Magie, J. D. & B. P.....	Elizabeth.
Ogden, J. W.....	Morristown.
Probasco, W. V.....	Cream Ridge.
Schley, G. B.....	Far Hills.
Whittingham, W. R.....	Milburn.

NEW YORK.

Abbey, C. J. & Sons.....	Cherry Creek.
Aldrich, C. S.....	Dunkirk.
Arden Farms Dairy Co., Wm. Viner, Supt.	Arden.
Ashley, E. L.....	Glens Falls.
Atwood, L. E., & Sons.....	Chazy.
Babcock, F. M.....	Gouverneur.
Baker, John H.....	East Aurora, 486 Ellicott Sq., Buffalo.
Ballou, George William.....	Middletown.
Barnes, N.	Middle Hope.
Barnes, Vernon A.....	Norwood.
Barney, C. S.....	Milford.
Barney, Kent	Milford.
Beebe, O.	Lebanon.
Bell, Mrs. Ida A.....	Rome.
Bensley, M. F.....	Buffalo.
Bentley, Ellis W.....	Windham.
Bilby, Emerson	Deposit.
Boyd, Fanchot H.....	Goshen.
Bradley, Edson	45 Broadway, New York.
Brayton, C. N.....	South Wales.
Brusie, O. W.....	Millerton.
Burdick, George W.....	Friendship.
Burdick, Thomas J., & Sons...	Alfred.

Button, E. L.....	Melrose.
Campbell, John S.....	New York Mills.
Chisholm, Hugh J.....	New York (200 5th Ave.).
Clark, M. L. & A. L.....	Copenhagen.
Clark, N. E.....	Potsdam.
Colburn, J. L.....	Milford.
Conger, Lawton M.....	Collins.
Converse, Geo. H.....	Woodville.
Cookingham, F. H.....	Cherry Creek.
Cornell University	Ithaca.
Crowley, Thomas J.....	Potsdam.
Davison, Milton W.....	Canisteo.
Delany, J. J.....	Grindstone.
Doane, J. H.....	Gouverneur.
Dorn, Elmer J.....	Johnstown.
Douglas, N. A.....	Chateaugay.
Dunham, Lawrence	260 Columbus Ave., N. Y.
Dye, E. T.....	Marathon.
Emery, C. G.....	Clayton.
Fleming, John C.....	Middletown.
Fuller, Elmer	Hudson Falls.
Garlick, H. M.....	Alder Creek.
Garnsey, F. B.....	Clayton.
Gray, V. H.....	Canton.
Griffin, J. H.....	Moira.
Gurnsey, James H., & Co.....	Woodhull.
Gurnsey, L. C.....	Woodhull.
Hall, Lott	Gouverneur.
Ham, Eugene	Verbank.
Hamilton, William Pierson....	Sterlington.
Harrington, A. D.....	Oxford.
Hatch, C. E.....	Gainesville.
Helmer, L. G.....	Herkimer.
Heseltine, F. L., & Sons.....	West Union.
Hillacre Farm	Harford.
Hill, J. Edwin, & Son.....	Gouverneur.
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Horton, H. A.....	Johnson.
Hubbard, George D.....	Camden.
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Hulett, H. L.....	Allentown.
Jackson, B. O., & Son.....	Boonville.
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Jenkins, J. W.....	Vernon.
Karr, M. J., & Sons.....	Almond.
Karr, S. S., & Sons.....	Almond.
Kenyon, Louis H.....	Friendship.

Knox, Seymour H.....	Buffalo.
Lake George Dairy.....	Lake George.
Leach, J. S., & Son.....	Gouverneur.
Leonard, Walter	Spring Mills.
Lewis, C. W., & Sons.....	Alfred Station.
Lincoln Agricultural School...	Lincolndale.
Litchard, A. L., & Son.....	Rushford.
Marshall, Charles M.....	Gouverneur.
Marshall, John A.....	Gouverneur.
Mayhew, Clinton	Rensselaer Falls.
McKenzie, H. C.....	Walton.
Mead, Frank G., & Sons.....	Wellsville.
Mead, Ray E.....	Andover.
Mercereau, W. W. & H. B.....	Vestal.
Merrill, S. W., and wife.....	Carthage.
Monell, Ambrose	Washingtonville.
Nichols, James H.....	Carmel.
New York State School of Agriculture	Morrisville.
Norton, W. H., & Son.....	Belmont.
O'Dell, L. D., & Son.....	Chaffee.
Olin, W. T.....	Perry.
Oneida Community (Limited).	Kenway.
Ormiston, James	Cuba.
Peer, F. S.....	Ithaca.
Pike, George E.....	Gouverneur.
Power, Guy D., & Son.....	Massena.
Ramsdell, H. S.....	Newburgh.
Rhodes, T. F.....	Camillus.
Rice, Geo. E.....	Burt.
Ricker, Clarence	Belmont.
Rodger, G. L.....	Gouverneur.
Ryan, P.	Brewster.
Ryder, Arthur B.....	Barnerville.
Sague, James E.....	Poughkeepsie.
Schanck, W. P.....	Avon.
Schouten, E. A.....	Cortland.
Sears, B. C.....	Blooming Grove.
Sherman, Frank R.....	Schuylerville.
Silliman, J. B.....	South Kortright.
Skinner, Harry W.....	Utica.
Smith, Clarence	Sherman.
Smith, J. H.....	Natural Bridge.
Smith, Oliver, & Son.....	Chateaugay.
Spencer, Don M.....	Canton.
Spooner, A. F.....	Richville.
Stanton, Frank, & Son.....	Greenville, R. D. No. 2.

State School of Agriculture...	Richville.
Stetson, Francis Lynde.....	Sterlington.
Stewart, William H.....	Olean.
Story, S. S.....	North Stockholm.
Stowell, F. D. & E.....	Black Creek.
Stowell, W. C.....	Black Creek.
Strickland, J. P.....	Cattaraugus.
Swan, T. O. & A. B.....	Jasper.
Sweet, V. C.....	Syracuse.
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Taylor, D. J.....	Antwerp.
Taylor, John L.....	Owego.
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Tod, William Stewart.....	5 Nassau St., New York.
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Tuttle, M. A.....	Hornell.
Updyke, F. J., & Son.....	Canisteo.
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Ward, M. J.....	Treadwell.
Weeks, E. A., & Co.....	Locke.
Welch, M. G., & Son.....	Burke.
Whipple, L. W., & Son.....	Malone.
White, Orrin E.....	Malone.
Whitney, C. P.....	Orleans.
Will, John	Fort Covington.
Wood, J. Walter.....	Clayton.
Wynn, L. L.....	Geneseo.
Young, C. H.....	Riverhead.
Zabriskie, Andrew C.....	Barrytown.

NORTH CAROLINA.

Cook, Howard	Old Fort.
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OHIO.

Betts, B. G.....	Wellington.
Crane, J. H., & Sons.....	Toledo.
Fobes, Mrs. E. A.....	Williamsfield.
Good Hold Farm.....	Mentor.
Greenawalt, J. S., & Son.....	Beloit.
Henderson Ayrshire Farm.....	Hudson.
Howatt, D. E.....	Youngstown.
McCormick, W. L.....	Pataskala.

McConnell, A. B., & Son.....	Wellington.
Ohio State University.....	Columbus.
Spencer, A. B.....	Goldwood.
Sherwin, John	Willoughby.

OREGON.

Honeyman, J. D.....	Portland.
Sears, N. E.....	Eugene.

PENNSYLVANIA.

Agr'l Dept. Pa. State College..	State College.
Arkcoll, W. W. Blake.....	Paoli.
Ashley Farm	Media.
Ashton, C. H. & Ethel.....	Knoxville.
Ayer, H. S.....	Columbus.
Bissell, J. R.....	Tunkhannock.
Blakeslee, O. P.....	Spartansburg.
Bryne Sons, Christopher.....	Friendsville.
Byrne, Patrick	St. Joseph.
Canfield, N. A.....	Williamsport.
Carrons, Robert M.....	Washington.
Cleland, John	Scranton.
Cloud, James, & Son.....	Kennett Square.
Clymer, Lee S.....	Riegelsville.
Cochrane, John	Rosemont.
Cornell, H. S.....	Columbia Cross Roads.
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Davis S. Boyer.....	1617 Land Title Bldg., Phila- delphia.
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Deubler, James, & Sons.....	Springville.
Dick, G. A.....	Kane.
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Fielden, Henry	Newtown Square.
Frazier, W. W.....	Willowgrove.
Friends' Asylum	Frankford, Philadelphia.
Harrison, W. Frazier.....	Oreland.
Hartwick, W. H., & Son.....	Coudersport.
Hauber, G. C.....	North Bingham.
Haverford College	Haverford.
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Hopkins, Willis W.....	Aldenville.
Horn, John B.....	Wilkes-Barre.
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Montgomery Robt. L.....	Ithan.
Morris, Effingham B.....	Ardmore.
Mulford, J. B.....	Ulysses.
Munce, W. J.....	Washington.
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Peck, C. L.....	Nelson.
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Roberts, Percival, Jr.....	Narberth.
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Stewart, C. E.....	Hartstown.
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Walker, Arthur H.....	Oreland.

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Browning, E. W.....	Saunderstown.
Church, G. L., Jr.....	Providence, P. O. Box 1385.
Hawes, Addison S.....	Riverside.
Joslin, H. S.....	Mohegan.
Nye, W. A.....	Narrangansett Pier.
Robertson, Charles N.....	Lonsdale.
Sherman, Everett B.....	Harrisville.
Sherman, Leander	Harrisville.
Smith, Benjamin F.....	North Scituate.
Smith, Daniel A.....	Tarkiln.
Tefft, S. Frank.....	Hamilton.
Vaughn, William P.....	Providence.
Winsor, Nicholas S.....	Greenville.

SOUTH CAROLINA.

Crayton, B. F., & Son.....	Anderson.
Hinson, W. G.....	Charleston.
Smith, Augustus W.....	Spartanburg.

SOUTH DAKOTA.

Cosgrove, Michael	Madison.
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TENNESSEE.

Groome, S. W., Jr. 306 Cossitt Place, Memphis.

TEXAS.

Turner, J. C. Longview.

UTAH.

Smith, W. H. Wood's Cross.

VERMONT.

Abbey, P. C., & Son Essex.
 Abell, C. A. St. Albans.
 Anderson, A. J. & Son North Craftsbury.
 Bigelow, F. M. Essex.
 Buck, C. W. Brownsville.
 Butterfield, B. F. Derby Line.
 Buttles, H. S., & Son Brandon.
 Catlin, Fred B. Winooski.
 Catlin, George B. Burlington.
 Chapman, Leon B. West Rutland.
 Clark, H. A. Hyde Park.
 Collins, F. O. Swanton.
 Copeland Farm Middletown.
 Cramton, W. S. North Clarendon.
 Davidson, George White River Junction.
 Drew, F. A. South Burlington.
 Dunsmore, H. George Swanton.
 Emerson, Charles W. Charlotte.
 Fisher & May St. Albans Hill.
 Fletcher, A. M. Proctorsville.
 Forest Park Farm Brandon.
 Gallup, A. G. Guilford.
 Grand View Farm North Sheldon.
 Hamilton, Alexander, Estate Middlebury.
 Handley, E. J., & Sons East Granville.
 Hannah, Matthew Brownsville.
 Holden, M. C., & Sons Pittsford.
 Houghton, W. W. Lyndonville.
 Jackman, W. H. Vergennes.
 Jackson, Joseph W., & Sons Bethel.
 Joslyn, F. A. Northfield.
 Kelton, Herbert, & Son East Montpelier.
 Ketchum, H. B. Hartland Four Corners.
 LaDue, William Braintree, P. O. Roxbury.
 Lincoln, G. & G. West Rutland.
 Lovejoy & Eddy Stowe.

Lyndon Institute, Ag'l. Dept...	Lyndon Ctr.
Martin, H. W.....	Bradford.
Merriam, W. A.....	Glover.
Nye, W. C.....	Washington.
Parker, R., & Son.....	Ferrisburg.
Pond, John P.....	Rutland.
Proctor, Fletcher D., Est.....	Proctor.
Scott, W. F.....	Brandon.
Scribner, G. S., Estate of.....	East Poultney.
Soule, Arthur B.....	St. Albans.
Spalding, F. W.....	Poultney.
Stevens, C. B.....	St. Johnsbury.
Stevens, William Stanford.....	St. Albans.
Stowe, F. D. E.....	Brattleboro.
The Lotus Fields.....	West Berlin.
Turner, Walter D.....	Moretown.
Vaughan, C. A., & R. H.....	Thetford Center.
Vermont Experiment Station..	Burlington.
Vermont Industrial School.....	Vergennes.
Wakefield, Carl E.....	Northfield.
Watson, H. R. C.....	Brandon.
Wilbur, J. B.....	Manchester.
Winslow, C. M.....	Brandon.

VIRGINIA.

Groome, H. C.....	Warrenton.
Horne, B. S.....	Keswick.
Venable, A. R., Jr.....	Farmville.

WASHINGTON.

Clarkson, Joseph	Ferndale.
Clise, J. W.....	Seattle.
Farrell, J. D.....	Seattle.
Graves, Jay P.....	Spokane.
Harrison, J. M.....	Sedroe Wolley.
Kuhnhausen, Oscar	Fulda.
Stockwell, A. P.....	Aberdeen.

WEST VIRGINIA.

Reymann, L. A., Estate of...	Wheeling.
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WISCONSIN.

Austin Brothers	Janesville.
Baker, Howard	Oconomowoc.
Ronney, James J.....	Oconomowoc.
Christensen, Herman E.....	Milltown.

Clubine, W. B.....	Iron River.
Dunbar, C. S.....	Elkhorn.
Finn, Ed.	Whitewater.
Finn, James	Whitewater.
Griffith, James A.....	Spencer.
Hanford, W. T.....	Oconomowoc.
Ihde, Herman	Neenah.
Jones, Sam	Juneau.
Lueder, R. A.....	Plymouth.
McNab, A. J.....	Black River Falls.
Mellen, S. W.....	Plymouth.
Nelson, George A.....	Milltown.
O'Connor Brothers	Monroe.
Roberts, Dr. David.....	Waukesha.
Roberts, Lewis & Sons.....	Waukesha.
Seitz, Adam	Waukesha.
Simmons, D. S.....	Viola.
Stavedahl, Sever, & Son.....	Brodhead.
Tschudy, Fred	Monroe.
Walvoord, J. B.....	Cedar Grove.

WYOMING.

University of Wyoming..... Laramie.

CANADA.

Benning, James	Williamstown, Ont.
Bryson, James	Brysonville, Que.
Easton Brothers	Charlottetown, P. E. I.
Gordon, Hector	Howick, Que.
Gustin, S. A., & Sons.....	Fitch Bay, Que.
Hume, Alex, & Co.....	Menie, Ont.
Hunter, Robert & Sons.....	Maxville, Ont.
Logan, John W.....	Howick, Que.
McArthur, P. D.....	North Georgetown, Que.
McCormick, D. A.....	Brysonville, Que.
McCrea, Robt.	Milly, Sask.
McMillan & Leggatt.....	Trout River, Que.
Montgomery, Geo. H.....	Montreal.
Morgan, Harold M.....	Montreal.
Muir, A., Sr.....	Huntingdon, Que.
Ness, David T.....	Howick, Que.
Ness, R. R.....	Howick, Que.
Robb, M. T.....	Huntingdon, Que.
Stephen, W. F.....	Huntingdon, Que.
Thompson, Jos.	Sardis, B. C.
Turner, A. S., & Son.....	Rykman's Corners, Ont.
Wells, Edwin A.....	Sardis, B. C.

RESIDENCE UNKNOWN.

Beatty, J. P.	Logan, Sidney A.
Birnie, Charles A.	Krebs, J. DeWitt.
Buttrick, C. A.	Marsh, A. W.
Carter, H. F.	Robinson, Isaac R.
Cass, Geo. L.	Smith, J. B.
Cornell, A.M.	Thurber, C. S.
Crane, Fred.	Tilton, E. A.
Fairweather, William.	Walcott, C. W.
Gibb, J. L.	Wood, Lucius H.
Haskins, J. P.	Underhill, C. S.

Average yield of milk and butter of all cows and heifers that have qualified for advanced registry to March 1, 1913:

		Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
340	Entries Mature Form, average.....	10,473	403.65	475	3.82
110	“ Four Year Old Form, average..	9,391	370.35	436	3.94
147	“ Three Year Old Form, average.	8,884	351.36	414	3.96
267	“ Two Year Old Form, average..	7,746	312.06	367	4.03
864	“ Total Cows and Heifers, average	9,222	362.23	426	3.92

Average of Ten Highest Records in Each Class.

10	Mature Cows, average.....	17,268	674.36	794	3.9
10	Four Year Olds, average.....	12,485	491.03	578	3.94
10	Three Year Olds, average.....	13,154	528.35	622	4.01
10	Two Year Olds, average.....	10,934	468.47	551	4.28
1	Mature Cow gave.....	22,106	888.70	1,046	4.02
1	Cow in Four Year Old Class gave.....	14,102	578.17	680	4.1
1	Cow in Three Year Old Class gave....	14,582	640.72	754	4.39
1	Cow in Two Year Old Class gave.....	12,022	503.88	593	4.19

AYRSHIRE CATTLE

C. M. WINSLOW.

With the rapidly increasing popularity of the Ayrshire Cow it seems unnecessary to enter into a detailed history of her origin and development, and we will confine ourselves to her claims for merit as a dairy cow.

MILK.

While the Ayrshire can fill any place in the dairy with credit to herself and profit to her owner, she is eminently the milkman's cow, and in this capacity has no rival, as her medium size, vigorous appetite and easy keeping qualities make her an economical producer, while her even, uniform production makes her a reliable supply, and the richness of her milk in total solids places it above suspicion from city milk inspectors. Her milk is particularly adapted to transportation, as it does not churn or sour easily, and when poured back and forth a few times will readily mix the cream back into the milk, which will not again readily separate, giving it a uniform quality until the last is sold or used. It has a good body, is rich looking and never looks blue. The milk itself being evenly balanced with casein and butter fat is a complete food, easily digested, nutritious, and is particularly adapted to children and invalids. *Stomachs that are weak and unable to digest other milk, find no trouble with Ayrshire milk.*

It is a well-known fact that the oil in milk is the least valuable as a food, and that milk that has a superabundance of oil is more indigestible than a milk that has a full supply of bone and muscle forming properties, and causes serious disorders in the digestive organs of young children.

There is also a difference in the friability of the curds, that of the Ayrshire being easily disintegrated, while that of the many butter breeds is tough and leathery.

I have frequently had letters from Jersey breeders wishing

to buy Ayrshire cows to raise their Jersey calves on Ayrshire milk on account of its great digestibility.

This is not wholly due to the extra richness of the Jersey milk in butter fat, but is partly due to that cause, and partly to the above difference in the quality of the curds.

Another valuable quality in the Ayrshire cow as a milk producer is her rugged health and freedom from disease of body or udder.

It is a very rare thing to find an Ayrshire cow that has tuberculosis or any disease of the udder.

To produce good wholesome milk it is important to have a sound, healthy body, free from all disease, and this the Ayrshire gets from her strong constitution and vigorous appetite, giving her a healthy body, with which to manufacture wholesome milk.

CREAM.

Her milk is admirably adapted to the manufacture of sweet cream for table use, making a smooth cream that keeps well and is most delightful as a table cream, the globules being smaller, making it more easily digested and assimilated.

Ayrshire cream is particularly adapted to the manufacture of a high grade of ice cream, the claim being made by manufacturers that a quart of Ayrshire cream makes more in freezing than any other cream.

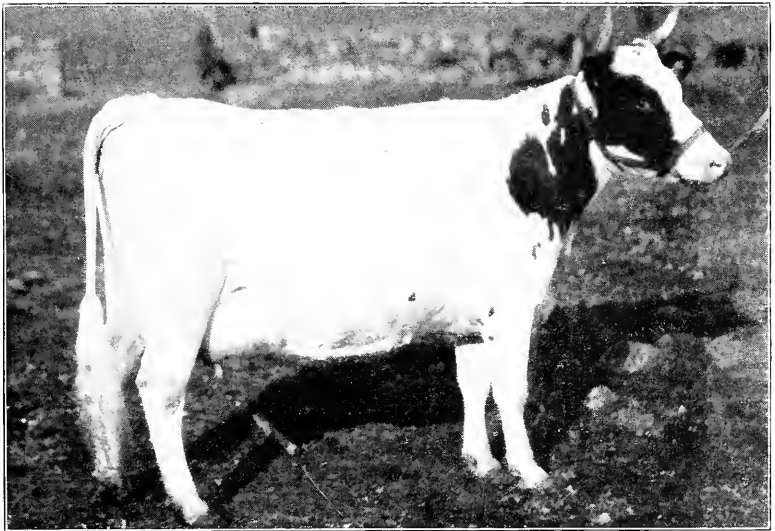
BUTTER.

The Ayrshire cow, being so admirably adapted by nature to supply milk and cream for the table, has almost always found her place in the supply stable near cities and towns, where high grade digestible milk is wanted, and it has been found more profitable to use the Ayrshire cow to produce a four per cent. market milk than to make it into butter. The Official tests show the average yield of the breed is over 4000 quarts of 4 per cent. milk from mature cows and heifers, which in itself makes her in too great demand for a milk producer to allow her going into a butter dairy to any great extent, although as a butter cow she takes a high rank as the following table will show.



GARLAFF AGNES

Owned by J. W. Ogden, Morristown, N. J.



LESSNESSOCK QUEEN KATE

Owned by P. Ryan, Brewster, N. Y.

AVERAGE OF ALL MATURE COWS AND HEIFERS FOR BUTTER IN
OFFICIAL TEST TO DATE.

340	Mature cows average	475 lbs. of butter.
110	Four-year-olds average	436 lbs. of butter.
147	Three-year-olds average	414 lbs. of butter.
267	Two-year-olds average	367 lbs. of butter.
684	Cows and Heifers average	426 lbs. of butter.

LONGEVITY.

Another unusual quality of the Ayrshire, among the dairy breeds, is her staying quality, in keeping up her milking tendency until long past the common age of milking.

It is not an uncommon thing to find an Ayrshire doing her full work at from twelve to fifteen years of age, with a young looking mouth at sixteen to seventeen, and a perfect udder in health and strength long after the age which has ended the usefulness of other cows.

BEEF.

The ease and quickness of the Ayrshire cow to fatten when dry make her a profitable cow to turn into beef when her days of usefulness are over as a dairy cow. Her meat is red, her tallow white, her hams large, her loins thick, her meat well flecked, her bones small, all of which make her most desirable for the butcher. For the production of veal there are no cattle equal to the Ayrshire because they grow rapidly, fatten quickly, weigh heavier than their looks would indicate, and butchers like them.

TOP CROSS.

As a top cross on other breeds the Ayrshire is a success in producing a more desirable dairy cow. With the Shorthorn they nick nicely, producing a fairly good dairy cow, in size between the two, and a handsome, attractive cow that sells well in the markets.

With the Jersey they seem to make up what is lacking in the Jersey, and give a good, all-around dairy cow, larger and hardier than the pure-bred Jersey, giving more milk and of nearly as rich quality, and are said to be more profitable in the dairy than the pure-bred Jersey. Ayrshire bulls have for several years

been eagerly sought for to cross on unregistered or high-grade Jerseys in the common dairy.

It is a noticeable fact that where Ayrshire bulls have been continuously used on common cows and heifers raised for the dairy, the average receipts in dollars from such a herd have been considerably in excess of common dairies, so much so that in dairy sections where the milk or cream goes to the butter factory, there is an active demand for pure-bred Ayrshire bulls to cross on native herds of cows.

OFFICIAL TESTS.

The steadily growing popularity of the Ayrshire cow with the dairyman who is looking for the highest profit to be obtained from his herd, and the gentleman farmer, who wishes to combine fancy farming with a dairy herd that will help pay the fancy expenses of the farm, places the Ayrshire in a most enviable position among the dairy breeds, and makes her an all-round, popular business cow, and of most beautiful and attractive appearance.

There has heretofore been a lack of concentrated effort in bringing out the merits of the Ayrshire cow but of late years a number of men of means have become attracted to her on account of her beauty of form and hardy constitution, and the response she has made to good care and proper feeding is simply wonderful. The records speak for themselves. Her development is only in its infancy.

Since the Experiment Stations throughout the United States have, in their experimental work, turned their attention to the skillful handling of milk, the Ayrshire Breeders' Association have established a system of Advanced Registry Tests for the breed, carefully guarded at home against mistakes, and periodically inspected by the Experiment Station in the State where the herd is located.

It is the belief of the Ayrshire Breeders' Association that while daily, weekly and monthly tests are interesting, in a way, they are misleading as to the real value of a cow, and the desire of the Association is to produce and make public the real profit derived from the cow in her normal condition, doing her regular dairy work of a breeding and dairy cow. A cow must be kept

the whole year at an expense, and whether or not she is a paying investment depends upon the receipts from her for the full time she is kept. She might be forced to a phenomenal yield for a week or a month, which if taken as the guide for the whole year would make her appear to be a very profitable cow, when, in reality, the short yields were no guide at all for the whole time, and no index as to the dairy profit received from the cow.

The Ayrshire Breeders' Association has always been the leader in all advance movements in bringing the Ayrshire cow to the front in anything that would recommend her to the public.

The Ayrshire Breeders' Association established the first Herd Book for the breed, instituted the first official testing for the breed, and was the first Record Association in America to endeavor to raise the standard of their breed by discriminating against the registration of bulls from ancestry without official records.

We hold the unbeaten official record for the highest milk and butter record for any Ayrshire cow in the world.

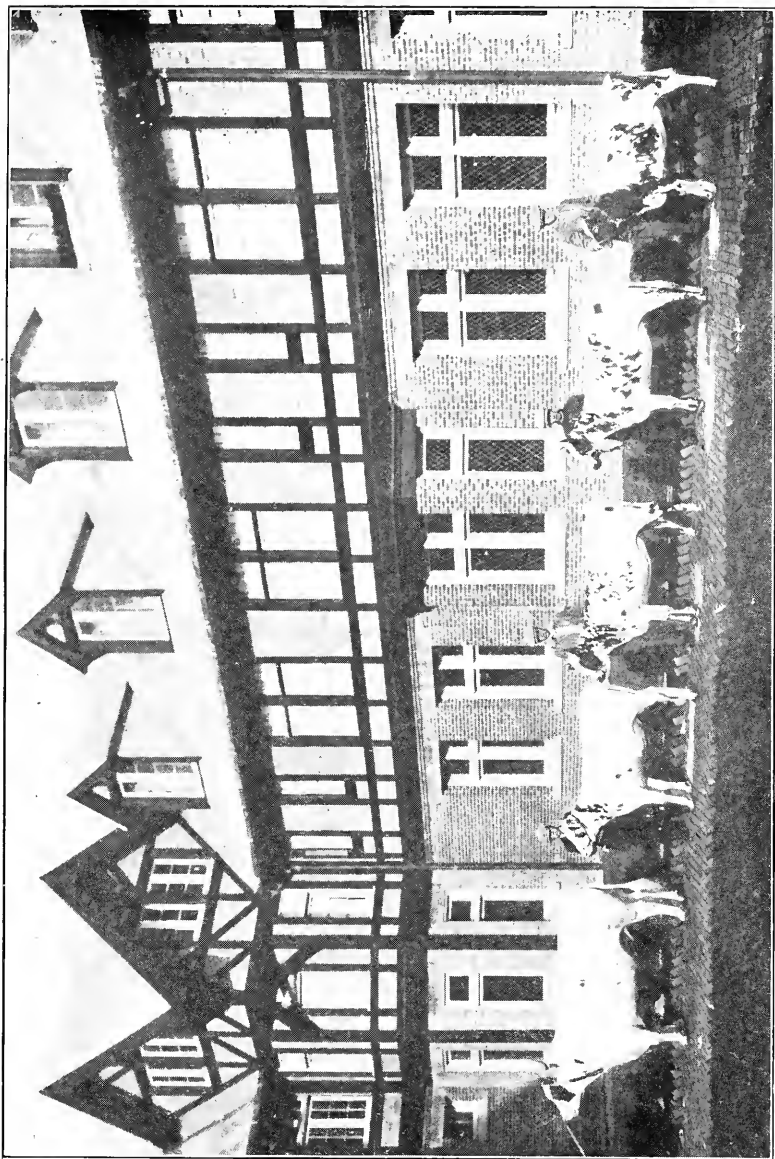
When the Association started the official testing, the 10,000 lb. Ayrshire cow was the phenomenal cow, but today a 10,000 lb. record attracts no attention because we have gone so far ahead of this record, and have produced cows with official records of 20,000 lbs.

Better breeding, better feeding and better care are developing the Ayrshire cow in her dairy points, and the Association by their watchful care aided by the Experiment Stations are giving to the public numerous illustrations of what lies hidden in the breed.

If the few years of official testing have brought out such marked results from herds where no one knew what kind of cows composed the herd, what will be the result when the majority of Ayrshire breeders know to a certainty what is the individual merit of every cow in the herd, and begin to breed intelligently and for a definite purpose?

SHOW RING.

The show ring being the medium of presenting the breed to the public for observation, has always attracted the attention of



BARGENOCH GAY CAVALIER AND HIS GET
Owned by Adam Seitz, Waukesha, Wis.

the general public, for the efforts of breeders and the scale of points all coincide in producing a very handsome and attractive cow, one that at a glance shows indication of great dairy ability, and also is a beautiful cow to look at.

To have the highest type of perfection in outward form, and the highest yield at the pail, calls into requisition the highest skill of the breeder. The two should go together, and be united in one animal, for all the points that go to make a perfect dairy cow as judged by scoring should be the points that bring out the highest productiveness at the pail.

The small, lean, bony head, with a bright and lively eye, strong jaw, and broad muzzle are perfection in scoring, and just what is needed to excel at the pail.

The well sprung rib, the large paunch, are both perfection in points, and what is needed to fill the pail.

The larger udder capacity, the well spread teats, the four perfect quarters are what the points call perfection, and indicate the largest ability for production.

The happy blend as you might call it of uniting the high type of the breed in conformation, with the high production as shown in the advanced registry testing, has in the last few years been made strikingly manifest at the leading shows in the country in the display of Advanced Registry cows in the ring, and their ability to carry off the blue ribbons as show cows. It has proved that beauty of conformation and dairy ability are and can be, united in the same cow.

ADVANCED REGISTRY.

In 1902 the Ayrshire Breeders' Association, feeling the need of authenticated records for quantity of milk and butter claimed by the breeders and owners of Ayrshire cows, established a record of merit, called the Advanced Registry, in which should be recorded the results of official tests made for a year on one milking period.

Any member of the Association could have his herd tested by applying to the Secretary of the Association, who then supplied him with the necessary instruction and blanks needed for his part of the test, and arranged with the Experiment Station

of that State to inspect the herd each month during the year, and report the result to the Secretary.

The methods adopted are calculated to insure reliable results, and have thus far done wonders for the breed in verifying the supposed dairy ability of the Ayrshire cow.

The beneficial results of the advanced registry testing, have been to show that the Ayrshire breed has remarkably uniform dairy ability, that she has been bred for a high quality of dairy excellence all along the line bred more for a general high standard for the breed than for individual or family superiority.

The testing has brought out the fact that no one Country or no one breeder can claim, for long at a time to be the leader, for the testing is continually bringing to the front, new cows, from new herds and new families, whose records place them in the lead.

It shows that any breeder, from any section of the Country, with any line of family breeding may reasonably expect from the test to find he has a record breaker in his herd, that makes both the cow and his herd famous and adds to the popularity of the breed in general.

The three 20,000 lb. cows that have qualified for advanced registry under our advanced registry testing, show the truth of the above claim for the Ayrshire cow.

Jean Armour, a cow bred in Canada, from the old Canadian line of breeding, owned, and tested by Mrs. F. D. Erhardt, West Berlin, Vermont, came first, then Gerranton Dora 2d, bred in Scotland, imported, owned and tested by Mr. J. W. Clise, Seattle, Washington, took the lead, then came Lily of Willowmoor, an American bred cow, making the World's record with over 22,000 lbs. of milk and over 1000 lbs. of butter.

The occasional large yields and high general average of the breed indicate that in a general way, good dairymen and careful breeders must have handled the Ayrshire cow for long generations back, in whatever country she has been bred.

It has also been proven that the Ayrshire cow will respond to whatever treatment is bestowed upon her and will yield a dairy product just in proportion to her supply of raw material.

In testing we have found many cows kept in normal condition qualified with a creditable record for the food and care be-

stowed upon them, and too we have found the same cows when fed and cared for in a better manner, gave a correspondingly better record, and when fed and cared for systematically, and to obtain a high yield, they responded to the fullest extent, showing that there was a constitutional capacity in the Ayrshire cow that made it possible to drive her as fast and as far as desired, without reaching the danger point.

Not all the breeders can afford to make a display of their herd at the fairs, but all owners of Ayrshires should take advantage of the opportunity of testing their cows, and learning which are the best in the herd and no breeder can afford not to find out the individuality of the cows standing in his stable.

The demand today is for record cows, and for bulls from advanced registry cows.

The public has been, and is being more and more educated to a higher standard of excellence in breeding stock.

The day has gone by when all that was demanded was a registry certificate. The breeder today wants to know what the individual qualities are as well as what is back of his breeding stock.

The demand today is for the highest type of perfection, not only in the production of dairy product, but also in conformation as laid down in the scale of points.

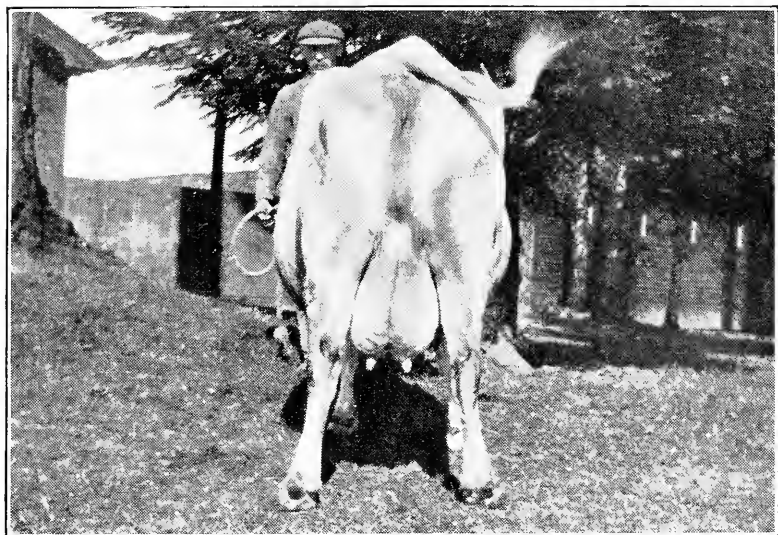
To breed perfection in form and dairy ability, calls for the highest type of a breeder, not a haphazard breeder, not a one-sided breeder, not a careless breeder, but a natural born breeder, a man who can see in his mind's eye the future offspring, the result of his coupling.

A man cannot breed understandingly unless he knows all about the animals that are back of his breeding stock on both sides.

BULL.

Too many men send away for a bull to head their herd, leaving it to the seller to make the selection, and too often the buyer gives the seller no intimation of the needs of his herd.

The bull is half the herd, and it is very important to obtain such a bull as will overcome and remedy the defects in the cows of his herd, and whose calves will in the majority be an improvement on the dams.



NETHERHALL BROWNIE 9TH

Owned by J. W. Clise, Redmond, Wash.

Record: 18,110 lbs. milk, 820.91 lbs. fat, 966 lbs. butter, 4.53% fat



BERWINE

Owned by Dudley Wells, Wethersfield, Conn.

Record: 13,261 lbs. milk, 449.66 lbs. fat, 530 lbs. butter, 3.39% fat

There is no cow or herd of cows that is absolutely perfect in either conformation, dairy production or disposition, and usually the same defect runs through the majority of the herd, especially in the herd of an old breeder.

A breeder wishing to improve his herd, and seeing accounts of wonderful production in some herd or herds writes for a bull and buys one on the dairy record of the dam, without knowing more of his ancestry than the fact of high dairy production.

This bull might be the worst bull possible to place at the head of his herd, because it might be that the cows in both herds had the same defects and he only intensified the defects of his own herd, while another bull from another herd would have balanced up his herd in curing their defects. Too many of our unshapely cows come from just this method of careless breeding, the mating of the same defects found in the breeding of both bull and cows.

This same bull might have gone into some other herd and done good work because the cows did not have the same defects that were in him. The highest perfection cannot be obtained by any breeder until he exercises the utmost care in the choice of a bull to head his herd. The right bull will do wonders in improving a herd, and the wrong bull will almost ruin a herd.

There has of late been a strong effort made by the Ayrshire Breeders' Association to as far as possible insure the importation of a high class of dairy Ayrshires. This has been done by placing a high record fee on all imported bulls whose dam or paternal grand dam cannot show a high official record for milk and butter fat.

The increased revenue to the Association is helpful, but that is only secondary to the great benefit to the breed in general from its encouraging the importation and registry of a high class of dairy bulls. It holds to reason that a bull that has a high official record back of him must of necessity be from a good dairy cow, a cow that not only gives a large quantity, but presumably a cow with good teats, and also with a strong constitution.

Why? Because if she had not a strong constitution she could not give the necessary quantity of milk, and again, if she gave that large quantity and had unmiltable teats, she would of

course be discarded from the dairy so the high fee is a sort of a guarantee in itself that helps the purchaser of an imported bull, whereas if there was no restriction placed on imported bulls, it would be an easy matter to bring over a class of bulls that would be a great damage to the breed.

Usually only one bull is kept for service in a herd, and before his progeny can endorse him, there has been time enough passed to injure the herd infinitely more than all the purchase price of the bull, record fees and all, for it will take years to undo his work, and start right. You cannot throw too many safeguards around the selection of a herd bull.

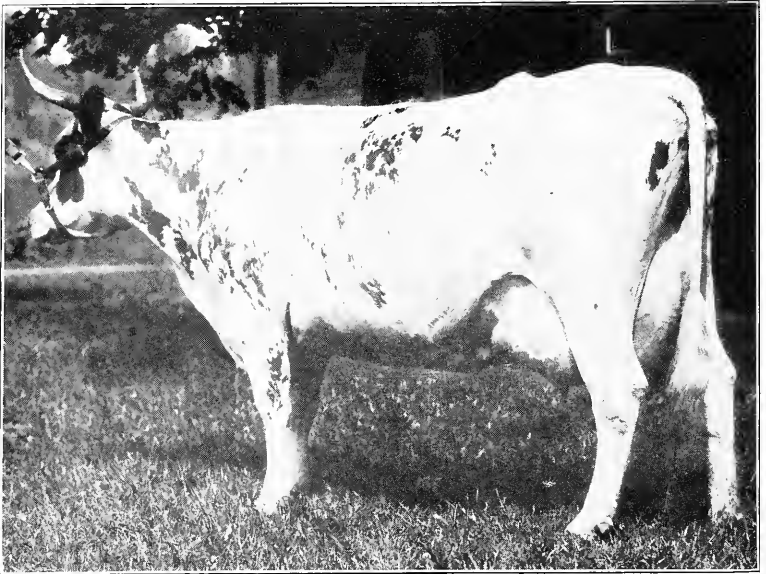
ADVANCED REGISTRY.

A complete list of all cows and heifers that have qualified for advanced registry to March 1, 1913.

All tests shall be commenced as soon after calving as practicable, and shall not extend beyond 365 days from the commencement of the test, and in no case shall the test include the milk or butter fat from a second calving.

MATURE FORM (FIVE YEARS OLD AND OVER).

Requirements 8,500 lbs. of Milk and 322 lbs. of Butter Fat.



LILY OF WILLOWMOOR.

		Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
22269	Lily of Willowmoor, 299 (3d Entry) .. Owned by J. W. Clise, Redmond, Wash.	22,106	888.70	1,046	4.02
23853	Gerranton Dora 2d, 663..... Owned by J. W. Clise, Redmond, Wash.	21,023	804.79	947	3.83
25487	Jean Armour, 635..... Owned by Mrs. F. D. Erhardt, West Berlin, Vt.	20,174	774.73	912	3.84
23985	Netherhall Brownie 9th, 371..... Owned by J. W. Clise, Redmond, Wash.	18,110	820.91	966	4.53
21577	Forest Bell, 622..... Owned by P. Ryan, Brewster, N. Y.	16,943	588.49	693	3.47



ALTA CREST AYRESHIRE
Spencer, Mass.

MATURE FORM (FIVE YEARS OLD AND OVER)—*Continued.*

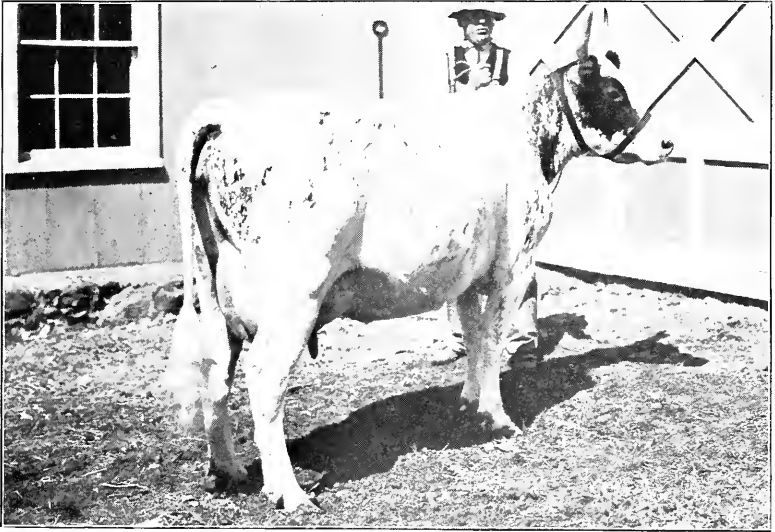
	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
27373 Chapelton Swanny 7th, 606..... Owned by Mrs. F. D. Erhardt, West Berlin, Vt.	15,734	579.95	682	3.68
14539 Rena Ross, 141 (2d Entry)..... Owned by John R. Valentine, Bryn Mawr, Pa.	15,072	642.86	756	4.26
18043 Lady Wonder 4th, 48 (4th Entry)... Owned by Francis Lynde Stetson, Sterlington, N. Y.	14,634	568.07	668	3.88
30622 Imp. Shewalton Mains Swell, 722.... Owned by P. Ryan, Brewster, N. Y.	14,455	553.19	651	3.83
19487 Midget of Sand Hill, 89 (3d Entry).. Owned by S. S. Karr & Son, Al- mond, N. Y.	14,433	521.86	614	3.62
30633 Imp. Auchenbrain Favourite Beauty 5th, 612	14,158	611.87	720	4.32
Owned by John Sherwin, Wil- loughby, Ohio.				
19895 Lottie S., 559.....	14,122	512.04	602	3.63
Owned by Hart Wallace, Shelby- ville, Ky.				
23341 White Floss of Kelso, 525.....	13,956	518.71	610	3.72
Owned by Hart Wallace, Shelby- ville, Ky.				
21678 Auchenbrain White Beauty 2d, 207 (2d Entry).....	13,789	564.39	664	4.09
Owned by Percival Roberts, Jr., Narberth, Pa.				
17904 Bessie of Rosemont, 44 (4th Entry)..	13,754	564.69	664	4.11
Owned by Geo. H. McFadden, Bryn Mawr, Pa.				
31350 College Maude, 594.....	13,726	533.29	627	3.88
Owned by Kansas State Ag'l Col- lege, Manhattan, Kans.				
22563 Queen Ester, 247 (2d Entry).....	13,681	448.21	527	3.28
Owned by H. C. Groome, Warren- ton, Va.				
16289 Fern Ayer, 134 (2d Entry).....	13,601	519.64	611	3.82
Owned by John R. Valentine, Bryn Mawr, Pa.				
21335 Garland Melrose, 562.....	13,307	525.11	618	3.94
Owned by Hart Wallace, Shelby- ville, Ky.				
20053 Berwine, 292	13,261	449.66	530	3.39
Owned by Dudley Wells, Wethers- field, Conn.				
15474 Lenetta, 710	13,248	465.78	548	3.51
Owned by J. A. Ness, Auburn, Me.				
26870 Netherhall Brownie 13th, 384 (2d Entry).....	13,217	503.45	592	3.81
Owned by J. W. Ogden, Morris- town, N. J.				
21625 Auchenbrack Sweet Pea 2d, 257.....	13,097	532.87	627	4.07
Owned by Geo. H. McFadden, Bryn Mawr, Pa.				

MATURE FORM (FIVE YEARS OLD AND OVER)—*Continued.*

	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
27645 Leah's Fairy, 377.....	13,032	437.97	515	3.35
Owned by Good Hold Farm, Mentor, Ohio.				
26870 Netherhall Brownie 13th, 384.....	13,031	490.22	577	3.73
Owned by J. W. Ogden, Morristown, N. J.				
20944 Garclaugh Bloomer 2d, 215.....	12,969	491.38	578	3.79
Owned by Percival Roberts, Jr., Narberth, Pa.				
21838 Bessie of Avon, 607.....	12,788	553.30	651	4.33
Owned by Mrs. F. D. Erhardt, West Berlin, Vt.				
21109 Crimson Rambler, 61 (5th Entry)...	12,776	433.95	511	3.4
Owned by Geo. F. Stone, Littleton, Mass.				
27136 Irene of the Elms, 542.....	12,716	46,721	550	3.67
Owned by Good Hold Farm, Mentor, Ohio.				
16296 Polly Puss, 133.....	12,632	501.08	590	3.97
Owned by John R. Valentine, Bryn Mawr, Pa.				
17452 Eugenie Douglas, 83 (2d Entry)....	12,570	479.70	564	3.82
Owned by John R. Valentine, Bryn Mawr, Pa.				
16188 Rose Morning, 300.....	12,564	416.24	490	3.31
Owned by F. W. Spalding, Poultn- ney, Vt.				
15096 Queen of Barclay, 148 (3d Entry)..	12,557	497.89	585	3.97
Owned by Geo. H. McFadden, Bryn Mawr, Pa.				
20328 Rose Ermel, 365.....	12,501	452.00	532	3.69
Owned by Francis Lynde Stetson, Sterlington, N. Y.				
19490 Jennie of Sand Hill, 188 (2d Entry)..	12,477	534.45	630	4.36
Owned by S. S. Karr & Son, Al- mond, N. Y.				
20970 Primrose, 209 (2d Entry).....	12,465	461.16	542	3.7
Owned by Percival Roberts, Jr., Narberth, Pa.				
17018 Friskey of Bonshaw, 144 (3d Entry)..	12,445	583.66	687	4.69
Owned by Geo. H. McFadden, Bryn Mawr, Pa.				
16189 Lillian Drummond 4th, 124 (2d Entry)	12,432	445.47	524	3.59
Owned by F. W. Spalding, Poultn- ney, Vt.				
17287 Bessie Clyde, 210 (2d Entry).....	12,404	448.72	528	3.62
Owned by S. S. Karr & Son, Al- mond, N. Y.				
23257 Princess Adelaide, 677.....	12,393	450.62	530	3.63
Owned by John Sherwin, Wil- loughby, Ohio.				
13772 Cora T., 212.....	12,392	456.25	537	3.76
Owned by S. S. Karr & Son, Al- mond, N. Y.				

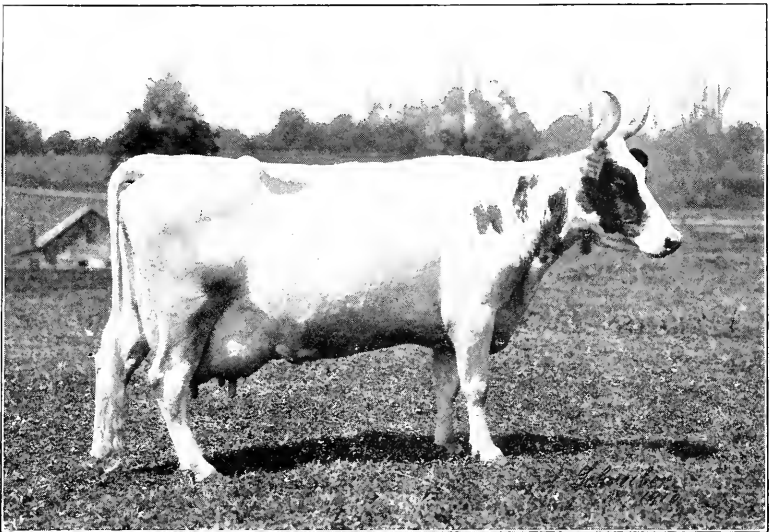
MATURE FORM (FIVE YEARS OLD AND OVER)—*Continued.*

	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
15833 Elspeth of Picton Island, 545..... Owned by John Sherwin, Wil- loughby, Ohio.	12,388	508.55	598	4.1
15913 Keepsake, 140 (2d Entry)..... Owned by John R. Valentine, Bryn Mawr, Pa.	12,365	469.32	552	3.79
18975 Florence Melrose, 368..... Owned by Purdue University, La- fayette, Ind.	12,349	483.05	568	3.91
9530 Rena Myrtle, 1..... Owned by Vermont Experiment Sta- tion, Burlington, Vt.	12,172	468.00	550	3.84
18364 May Hebron, 425..... Owned by M. J. Karr & Son, Al- mond, N. Y.	12,135	483.29	569	4.0
21850 Madonna Lass 3d, 185 (2d Entry).. Owned by Hill Top Farm, Wheel- ing, W. Va.	12,097	490.67	577	4.05
17287 Bessie Clyde, 210..... Owned by S. S. Karr & Son, Al- mond, N. Y.	12,044	429.35	505	3.56
25762 Boghall Snowdrop 2d, 680..... Owned by Hill Top Farm, Wheel- ing, W. Va.	12,024	453.82	534	3.77
21850 Madonna Lass 3d, 185 (3d Entry).. Owned by Hill Top Farm, Wheel- ing, W. Va.	12,007	447.16	526	3.73
26328 Hazel Acme, 335..... Owned by F. W. Spalding, Poultn- ey, Vt.	12,002	429.84	506	3.85
23833 Madame Bossi, 448 (2d Entry)..... Owned by J. W. Ogden, Morristown, N. J.	11,972	468.74	551	3.92
17024 Lizzie of Barclay, 116 (3d Entry).... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	11,939	543.53	639	4.55
27446 Red Lady's Rose of M. B., 628..... Owned by N. Y. State School of Ag'r., Canton, N. Y.	11,923	404.07	475	3.39
17473 Madonna Lass 2d, 110 (2d Entry).. Owned by Hill Top Farm, Wheel- ing, W. Va.	11,895	416.85	490	3.5
12094 Acelista, S (3d Entry)..... Owned by C. M. Winslow, Bran- don, Vt.	11,856	419.38	493	3.54
24527 Ethline, 719..... Owned by John Sherwin, Wil- loughby, Ohio.	11,826	448.95	528	3.8
17904 Bessie of Rosemont, 44 (3d Entry).. Owned by Geo. H. McFadden, Bryn Mawr, Pa.	11,784	485.47	571	4.12
21702 Princess Lily, 204..... Owned by J. W. Clise, Redmond, Wash.	11,771	438.03	515	3.72



GLENSHAMROCK CHERRY 3D

Owned by Arthur H. Sagendorph, Spencer, Mass.



AUCHENBRAIN WHITE BEAUTY 2D

Owned by Percival Roberts, Jr., Narberth, Pa.

Record: (3d Entry) 14,658 lbs. milk, 633.75 lbs. fat, 746 lbs. butter,
4.32% fat

MATURE FORM (FIVE YEARS OLD AND OVER)—Continued.

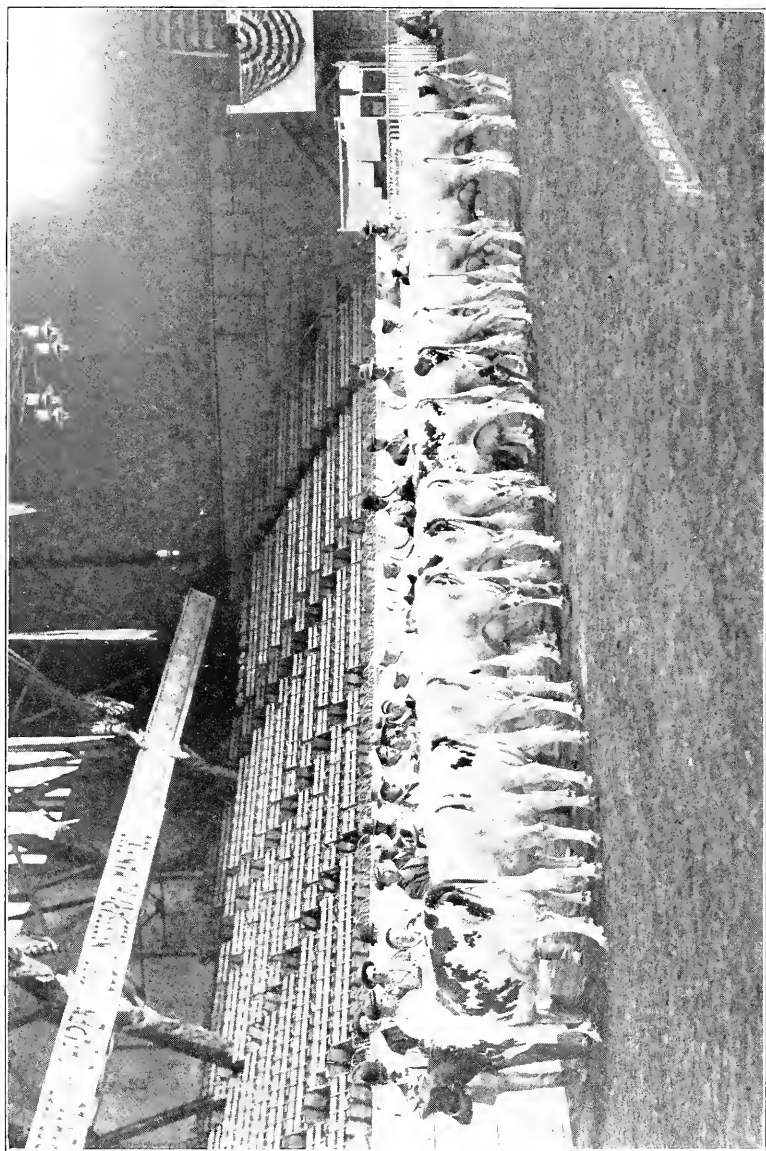
		Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
21686	Castlemains Nancy 2d, 216.....	11,767	437.01	514	3.71
	Owned by Percival Robert, Jr., Narberth, Pa.				
15577	Denty 9th of Auchenbrain, 146....	11,757	446.86	526	3.81
	Owned by Geo. H. McFadden, Bryn Mawr, Pa.				
26327	Major Aceme's Myra, 334.....	11,747	425.00	500	3.62
	Owned by F. W. Spalding, Poultney, Vt.				
24007	Daisy Jewess 4th, 227 (2d Entry) ..	11,726	443.60	522	3.78
	Owned by Hill Top Farm, Wheeling, W. Va.				
20922	May Mitchell, 156 (2d Entry).....	11,708	459.56	541	3.92
	Owned by Percival Roberts, Jr., Narberth, Pa.				
22763	Crimson Maid, 160 (3d Entry).....	11,687	439.94	518	3.76
	Owned by Geo. F. Stone, Littleton, Mass.				
15026	Rose Clockston, 27 (2d Entry).....	11,612	377.49	444	3.25
	Owned by Francis Lynde Stetson, Sterlington, N. Y.				
16540	Ayrlynn Queen, 293.....	11,585	399.37	470	3.45
	Owned by A. B. McConnell & Sons, Wellington, Ohio.				
23033	Yarmouth Mayflower, 319.....	11,549	482.15	567	4.18
	Owned by J. A. Ness, Auburn, Me.				
21699	Little Kilmory Lady Jane, 258.....	11,505	407.49	479	3.54
	Owned by J. W. Clise, Redmond, Wash.				
19898	Enid S., 263.....	11,496	453.80	534	3.95
	Owned by Friends' Asylum, Frankford, Pa.				
18148	Etta Poultney, 127.....	11,475	419.46	493	3.65
	Owned by J. W. Clise, Redmond, Wash.				
19216	Brown Eyes of Knockdon, 150 (2d Entry)	11,448	437.61	515	3.82
	Owned by Geo. H. McFadden, Bryn Mawr, Pa.				
25103	Ithan 4th, 228 (3d Entry).....	11,439	451.70	531	3.95
	Owned by John R. Valentine, Bryn Mawr, Pa.				
20365	Bessie of Sand Hill, 52 (2d Entry) ..	11,407	536.28	631	4.7
	Owned by S. S. Karr & Son, Almond, N. Y.				
22595	Rhodora H., 558.....	11,374	409.39	482	3.6
	Owned by Hart Wallace, Shelbyville, Ky.				
20970	Primrose, 209 (3d Entry).....	11,372	475.75	560	4.17
	Owned by Percival Roberts, Jr., Narberth, Pa.				
21849	Baby Douglas, 71 (4th Entry).....	11,322	444.89	523	3.93
	Owned by Hill Top Farm, Wheeling, W. Va.				

MATURE FORM (FIVE YEARS OLD AND OVER)—*Continued.*

	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
18827 Carmina, 259	11,317	444.53	523	3.92
Owned by Geo. H. Yeaton, Dover, N. H.				
26679 Lady Douglas B., 536	11,309	386.55	455	3.42
Owned by F. N. Dow, Portland, Me.				
15096 Queen of Barclay, 148 (2d Entry) ..	11,258	414.86	488	3.68
Owned by Geo. H. McFadden, Bryn Mawr, Pa.				
17452 Eugene Douglas, 83 (3d Entry) ...	11,252	416.90	490	3.71
Owned by John R. Valentine, Bryn Mawr, Pa.				
22238 Rutland Girl, 302	11,216	355.50	418	3.17
Owned by F. W. Spalding, Poul- tney Vt.				
23866 Gardrum Brandy, 407 (2d Entry) ..	11,196	408.32	480	3.65
Owned by J. W. Clise, Redmond, Wash.				
27943 Imp. Auchenbrain Brown Kate 4th, 547.	11,184	459.64	541	4.11
Owned by Percival Roberts, Jr., Narberth, Pa.				
23281 Topsy Blanchard, 676	11,169	394.92	465	3.54
Owned by John Sherwin, Wil- loughby, Ohio.				
12094 Acelista, 8 (4th Entry)	11,169	384.21	452	3.44
Owned by C. M. Winslow, Bran- don, Vt.				
19377 Madeline of Burnside, 624	11,129	425.84	501	3.83
Owned by P. Ryan, Brewster, N. Y.				
19153 Esthon Douglas, 197 (3d Entry)	11,121	412.64	485	3.71
Owned by Charles J. Bell, Hollis, N. H.				
12933 Kitty K., 139	11,115	438.88	516	3.94
Owned by John R. Valentine, Bryn Mawr, Pa.				
15959 Nino Douglas, 202	11,115	431.18	507	3.88
Owned by J. W. Clise, Redmond, Wash.				
20049 Yario 3d, 351	11,089	382.19	450	3.45
Owned by Dudley Wells & Son, Wethersfield, Conn.				
16291 Rosanna Webb, 310	11,086	470.37	553	4.24
Owned by S. S. Karr & Son, Al- mond, N. Y.				
18043 Lady Wonder 4th (2d Entry)	11,085	415.12	488	3.65
Owned by Francis Lynde Stetson, Sterlington, N. Y.				
16154 Vera, 264 (2d Entry)	11,068	388.64	458	3.51
Owned by Geo. F. Stone, Littleton, Mass.				
23823 Lady Carline, 672	11,048	430.82	507	3.9
Owned by Good Hold Farm, Men- tor, Ohio.				

MATURE FORM (FIVE YEARS OLD AND OVER)—*Continued.*

		Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
27292	Imp. Auchenbrain Bloomer 4th, 620. Owned by Percival Roberts, Jr., Narberth, Pa.	11,027	395.25	465	3.58
19267	Iris Douglas, 387.....	10,992	452.02	532	4.12
	Owned by Mrs. F. D. Erhardt, West Berlin, Vt.				
18255	Rose Aileen, 51 (2d Entry).....	10,972	353.44	416	3.22
	Owned by Francis Lynde Stetsen, Sterlington, N. Y.				
23251	Returns, 720	10,963	393.64	463	3.59
	Owned by John Sherwin, Wil- loughby, Ohio.				
21852	Douglas Cordelia, 79 (3d Entry)....	10,948	386.32	455	3.53
	Owned by Hill Top Farm, Wheel- ing, W. Va.				
19050	Anna H. Douglas, 260.....	10,922	421.90	496	3.86
	Owned by Missouri Agr'l College, Columbia, Mo.				
21705	Netherball Jean 3d, 201.....	10,920	433.33	510	3.97
	Owned by J. W. Clise, Redmond, Wash.				
15913	Keepsake, 140	10,868	442.04	520	4.05
	Owned by John R. Valentine, Bryn Mawr, Pa.				
21851	Douglas Empress, 195 (2d Entry) ..	10,868	460.33	542	4.23
	Owned by Hill Top Farm, Wheel- ing, W. Va.				
23035	Zilpher, 566	10,862	373.90	440	3.44
	Owned by F. N. Dow, Portland, Me.				
20923	Ethel Mary Stewart, 313.....	10,859	413.15	486	3.81
	Owned by Ashley Farm, Media, Pa.				
19391	Buttercup F. 3d, 294.....	10,859	394.76	464	3.63
	Owned by Good Hold Farm, Mentor, Ohio.				
22652	Drummond's Gem, 187 (2d Entry) ...	10,841	388.60	457	3.58
	Owned by Hill Top Farm, Wheel- ing, W. Va.				
25890	Lily of Maple Shade, 618.....	10,832	435.28	512	4.02
	Owned by Adam Seitz, Waukesha, Wis.				
24650	Gertrude Kelvyn, 253 (2d Entry) ...	10,825	370.27	436	3.42
	Owned by Geo. F. Stone, Littleton, Mass.				
20967	Little Love, 301.....	10,804	401.24	472	3.71
	Owned by Ashley Farm, Media, Pa.				
26871	Auchenbrain Favourite Beauty 4th, 495.	10,800	404.56	476	3.75
	Owned by Hill Top Farm, Wheel- ing, W. Va.				
19860	Beauty of Hillcroft, 436.....	10,769	507.33	597	4.71
	Owned by M. Hannah, Brownsville, Vt.				
19750	Daisy of Barelay, 390.....	10,752	387.77	456	3.61
	Owned by J. W. Clise, Redmond, Wash.				



AGED COW CLASS AT NATIONAL DAIRY SHOW, 1911

MATURE FORM (FIVE YEARS OLD AND OVER)—*Continued.*

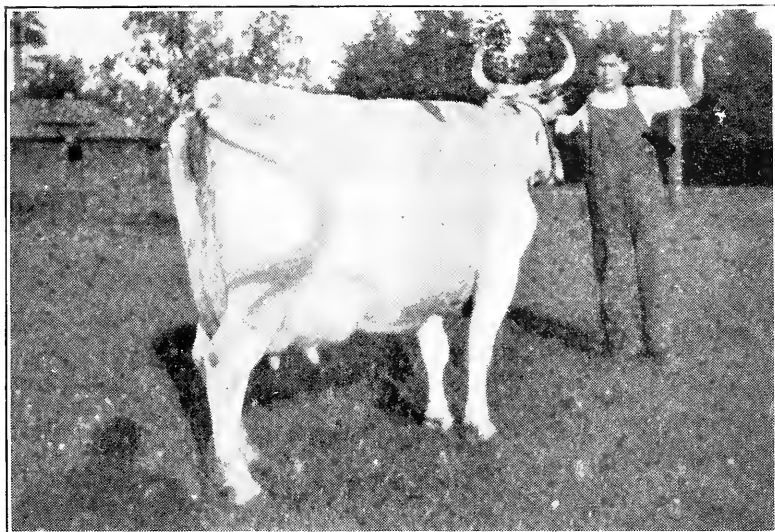
		Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
24899	Barcheskie Dandy 10th, 502..... Owned by J. W. Clise, Redmond, Wash.	10,748	368.53	434	3.43
18000	Lady Bell of Spring Hill, 211 (2d Entry)..... Owned by S. S. Karr & Son, Al- mond, N. Y.	10,709	410.13	483	3.82
12680	Durwood, 5..... Owned by Etna J. Fletcher, Green- field, N. H.	10,701	433.71	510	4.05
17432	Megsy Tipperlin, 76 (2d Entry)..... Owned by John R. Valentine, Bryn Mawr, Pa.	10,701	399.34	470	3.73
23865	Skaith Lady Beauty, 295 (2d Entry). Owned by J. W. Clise, Redmond, Wash.	10,687	395.99	466	3.71
19755	Soney of Barclay, 186 (2d Entry)... Owned by J. W. Clise, Redmond, Wash.	10,686	435.87	513	4.07
20055	Jermima 3d, 352..... Owned by Dudley Wells & Son, Wethersfield, Conn.	10,675	410.01	482	3.94
22213	Babe's Duchess, 102 (2d Entry)..... Owned by Hill Top Farm, Wheel- ing, W. Va.	10,623	422.33	497	3.98
18723	Too Soon, 406..... Owned by W. V. Probasco, Cream Ridge, N. J.	10,615	358.13	421	3.37
26051	Myrtle Dell of Chateaugay 2d, 516.. Owned by Good Hold Farm, Mentor, Ohio.	10,587	432.48	509	4.08
17901	Jane of Bryn Mawr, 261..... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	10,573	443.13	521	4.19
18963	Elizabeth Melrose, 262..... Owned by John R. Valentine, Bryn Mawr, Pa.	10,571	402.40	473	3.81
23855	Skaith Brown Rose 2d, 203..... Owned by J. W. Clise, Redmond, Wash.	10,564	392.46	462	3.72
27236	Kate Douglas, 684..... Owned by A. B. McConnell & Sons, Wellington, Ohio.	10,562	400.84	472	3.8
20950	Dewdrop of Spring Hill, 208..... Owned by Percival Roberts, Jr., Narberth, Pa.	10,554	391.74	461	3.75
17160	Prudence Ayer, 337..... Owned by M. J. Karr & Son, Al- mond, N. Y.	10,550	412.35	485	3.9
19898	Enid S., 263..... Owned by Friends' Asylum, Frank- ford, Pa.	10,539	406.64	478	3.85
21687	Auchenbrain White Beauty 2d, 207.. Owned by Percival Roberts, Jr., Narberth, Pa.	10,494	438.22	516	4.17

MATURE FORM (FIVE YEARS OLD AND OVER)—*Continued.*

		Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
23865	Skaith Lady Beauty, 295..... Owned by J. W. Clise, Redmond, Wash.	10,491	378.45	445	3.6
22765	Crimson Avis, 245 (3d Entry)..... Owned by Geo. F. Stone, Littleton, Mass.	10,484	353.41	416	3.37
16154	Vera, 264	10,473	391.44	461	3.73
	Owned by Geo. F. Stone, Littleton, Mass.				
23864	Carston Evelina, 378 (3d Entry).... Owned by J. W. Clise, Redmond, Wash.	10,441	421.14	495	4.03
21245	Snowdrop of Willowmoor, 641..... Owned by J. W. Clise, Redmond, Wash.	10,428	418.72	493	4.02
21254	Colonel's Daughter, 174 (2d Entry).. Owned by John R. Valentine, Bryn Mawr, Pa.	10,422	394.74	464	3.79
20970	Primrose, 209	10,410	386.04	454	3.71
	Owned by Percival Roberts, Jr., Narberth, Pa.				
15557	Belledra, 544	10,409	401.28	472	3.85
	Owned by John Sherwin, Wil- loughby, Ohio.				
23866	Gardrum Brandy, 407.....	10,390	403.72	475	3.89
	Owned by J. W. Clise, Redmond, Wash.				
19002	Eugenie S., 266.....	10,379	341.80	402	3.29
	Owned by Friends' Asylum, Frank- ford, Pa.				
17898	Swan of Rosemont, 296.....	10,373	411.76	484	3.97
	Owned by Ashley Farm, Media, Pa.				
20646	Caroline of Ridgeside, 595.....	10,356	349.73	411	3.38
	Owned by J. W. Clise, Redmond, Wash.				
21109	Crimson Rambler, 61 (4th Entry)... Owned by Geo. F. Stone, Littleton, Mass.	10,346	383.61	451	3.71
18956	Elinde Melrose, 421.....	10,298	351.70	414	3.44
	Owned by Friends' Asylum, Frank- ford, Pa.				
23863	Old Graitney Queen 4th, 497.....	10,282	375.34	442	3.65
	Owned by J. W. Clise, Redmond, Wash.				
21337	Gazelle Melrose, 168 (2d Entry).... Owned by W. V. Probaseo, Cream Ridge, N. J.	10,280	360.98	425	3.51
18043	Lady Wonder 4th, 48 (3d Entry)... Owned by Francis Lynde Stetson, Sterlington, N. Y.	10,272	385.91	454	3.75
19636	Annie, 312	10,242	395.03	465	3.85
	Owned by J. A. Ness, Auburn, Me.				
19504	Yucca Douglas, 183 (3d Entry)..... Owned by Chas. J. Bell, Hollis, N. H.	10,222	346.19	407	3.39

MATURE FORM (FIVE YEARS OLD AND OVER)—*Continued.*

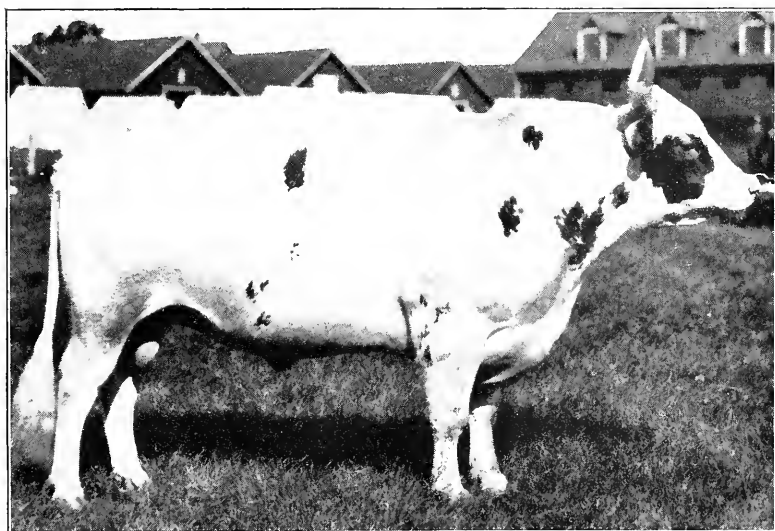
		Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
13984	Miss Olga, 153..... Owned by Geo. H. Yeaton, Dover, N. H.	10,200	386.57	455	3.79
19889	Adela S., 487..... Owned by W. V. Probaseco, Cream Ridge, N. J.	10,185	387.76	456	3.81
17896	Otero, 265..... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	10,181	440.26	518	4.32
23859	Barcheskie Beauty 5th, 246..... Owned by J. W. Clise, Redmond, Wash.	10,100	369.95	435	3.66
23437	Hilda Douglas, 297..... Owned by Good Hold Farm, Mentor, Ohio.	10,099	402.31	473	3.98
19153	Esthon Douglas, 197 (2d Entry).... Owned by Charles J. Bell, Hollis, N. H.	10,097	385.47	453	3.82
22652	Drummond's Gem, 187 (3d Entry)... Owned by Hill Top Farm, Wheel- ing, W. Va.	10,094	351.52	414	3.48
23856	Auchenbrains Buntie 10th, 339..... Owned by J. W. Clise, Redmond, Wash.	10,092	392.35	462	3.88
15885	Mamie Lena, 336..... Owned by Good Hold Farm, Mentor, Ohio.	10,082	394.12	464	3.9
27782	Brownie Acme, 571..... Owned by F. W. Spalding, Poultn- ey, Vt.	10,069	381.24	449	3.79
27669	Nettie McC., 511..... Owned by A. B. McConnell & Sons, Wellington, Ohio.	10,068	382.99	457	3.8
14539	Rena Ross, 141..... Owned by John R. Valentine, Bryn Mawr, Pa.	10,065	438.46	516	4.35
21095	Zulie Star, 316..... Owned by Friends' Asylum, Frank- ford, Pa.	10,062	403.80	475	4.01
19756	White Lola, 75 (2d Entry)..... Owned by J. W. Clise, Redmond, Wash.	10,057	384.17	452	3.82
21253	Ithan 3d, 177 (2d Entry)..... Owned by John R. Valentine, Bryn Mawr, Pa.	10,047	394.00	464	3.92
20952	Wee Jemie of Holehouse, 217..... Owned by Percival Roberts, Jr., Narberth, Pa.	10,023	444.81	523	4.23
23869	Gateside Dandy 7th, 424 (2d Entry). Owned by J. W. Clise, Redmond, Wash.	10,016	361.63	425	3.61
12351	Biona, 154..... Owned by George H. Yeaton, Dover, N. H.	10,012	341.97	402	3.42



NETHERHALL JEAN 3D

Owned by J. W. Clise, Redmond, Wash.

Record: 10,920 lbs. milk, 433.33 lbs. fat, 510 lbs. butter, 3.97% fat



BARGENOCH GAY CAVALIER

Owned by Adam Seitz, Waukesha, Wis.

MATURE FORM (FIVE YEARS OLD AND OVER)—*Continued.*

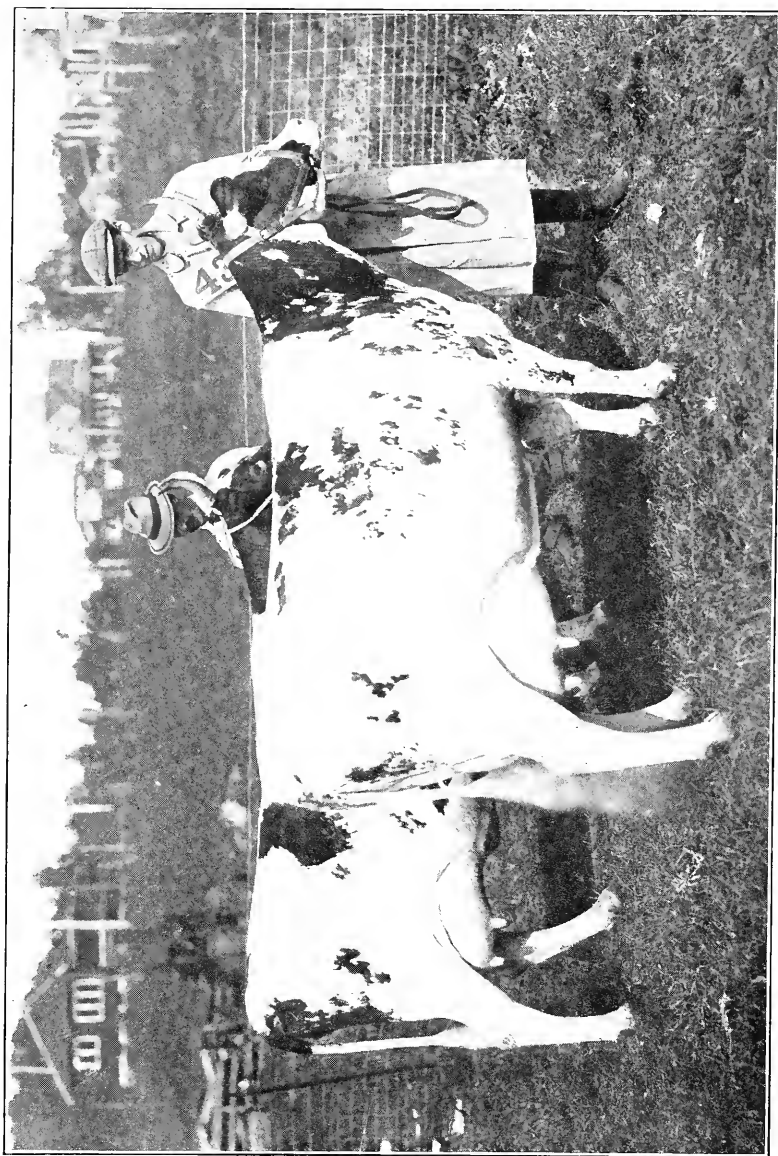
		Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
29528	Red Rose of Hollis, 540..... Owned by C. J. Bell, Hollis, N. H.	10,006	328.06	388	3.28
24840	May Mitchell of Menie, 600..... Owned by J. W. Clise, Redmond, Wash.	9,979	393.77	463	3.95
14538	Ithan, 142	9,975	396.30	466	3.97
	Owned by John R. Valentine Bryn Mawr, Pa.				
18656	Dolly Dimple, 311..... Owned by C. W. Lewis & Sons, Al- fred Station, N. Y.	9,972	454.57	535	4.56
23864	Carston Evelina, 378 (2d Entry)... Owned by J. W. Clise, Redmond, Wash.	9,956	385.07	453	3.87
20054	Yarico 4th, 298..... Owned by Dudley Wells, Wefthers- field, Conn.	9,955	338.08	398	3.39
12039	Miss Ollie, 4..... Owned by L. S. Drew, So. Burling- ton, Vt.	9,924	440.60	518	4.44
26364	Burnside Lady Waddell, 527 (2d En- try).	9,920	424.66	499	4.28
	Owned by J. W. Ogden, Morris- town, N. J.				
23303	Mamie Kilbowie, 513..... Owned by Good Hold Farm, Men- tor, Ohio.	9,920	385.95	454	3.88
24874	Burnside Moss Rose, 642..... Owned by J. W. Clise, Redmond, Wash.	9,917	379.27	446	3.83
18645	Rose Pender 117..... Owned by Howard Cook, Beloit, Ohio.	9,913	360.05	424	3.63
12094	Acelista, 8	9,906	361.71	426	3.77
	Owned by C. M. Winslow, Bran- don, Vt.				
19109	Snowdrop 2d of Ste Anne's, 373..... Owned by Connecticut Agr'l Col- lege, Storrs, Conn.	9,903	386.99	455	3.91
18337	Queen Bertha, 267..... Owned by Friends' Asylum, Frank- ford, Pa.	9,903	341.25	401	3.44
23092	Daisy of Pataskala 2d, 679..... Owned by John Sherwin, Wil- loughby, Ohio.	9,892	430.08	506	4.35
21849	Baby Douglas, 71 (2d Entry)..... Owned by Hill Top Farm, Wheel- ing, W. Va.	9,887	387.62	456	3.92
15578	Flora 4th of Bonshaw, 143..... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	9,874	372.69	438	3.87
14030	Hetty Ayer, 125..... Owned by S. S. Karr & Son, Al- mond, N. Y.	9,858	474.52	558	4.81

MATURE FORM (FIVE YEARS OLD AND OVER)—*Continued.*

		Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
16289	Fern Ayer, 134..... Owned by John R. Valentine, Bryn Mawr, Pa.	9,847	376.25	443	3.82
17461	Ada Rome, 118..... Owned by J. F. Butterfield Co., Se. Montrose, Pa.	9,835	351.38	413	3.57
11469	Xoa, 11 (2d Entry)..... Owned by George H. Yeaton, Dover, N. H.	9,804	333.83	393	3.41
23862	Barcheskie Winsome, 422 (2d Entry) Owned by J. W. Clise, Redmond, Wash.	9,803	364.53	429	3.72
16466	Mary A. M. 2d, 130..... Owned by A. B. McConnell & Sons, Wellington, Ohio.	9,782	347.01	408	3.48
23499	Vilo Pender of Spring City, 617..... Owned by Adam Seitz, Waukesha, Wis.	9,770	378.74	446	3.86
24763	Fantine's Milkmaid 2d, 688..... Owned by F. H. Cookingham, Cherry Creek, N. Y.	9,765	395.40	465	4.05
12094	Acelista, 8 (2d Entry)..... Owned by C. M. Winslow, Brandon, Vt.	9,754	336.52	397	3.45
23733	Flash Lass, 575..... Owned by Geo. B. Catlin, Burlington, Vt.	9,745	450.30	530	4.6
18664	Cambric, 213..... Owned by Charles J. Bell, Hollis, N. H.	9,745	341.29	402	3.5
16051	Molly Fryer, 120..... Owned by Henry Dorrance, Plainfield, Conn.	9,741	388.06	457	3.99
10777	Atalanta, 2..... Owned by Vermont Experiment Station, Burlington, Vt.	9,740	367.71	433	3.78
19504	Yucca Douglas, 183 (2d Entry)..... Owned by Charles J. Bell, Hollis, N. H.	9,739	336.69	396	3.46
24669	Oldhall Ladysmith 4th, 270 (2d Entry) Owned by P. Ryan, Brewster, N. Y.	9,737	404.02	475	4.15
27670	Mamie D. 2d, 512..... Owned by A. B. McConnell & Sons, Wellington, Ohio.	9,735	377.87	445	3.88
19894	Linda S., 193 (2d Entry)..... Owned by W. V. Probasco, Cream Ridge, N. J.	9,726	378.96	446	3.89
18538	Jean of Claremont, 437..... Owned by Matthew Hannah, Brownsville, Vt.	9,719	417.59	491	4.3
18364	May Hebron, 425 (2d Entry)..... Owned by M. J. Karr & Son, Almond, N. Y.	9,718	393.02	462	4.04
26039	Kaziah of Highland, 307 (3d Entry). Owned by John R. Valentine, Bryn Mawr, Pa.	9,702	424.97	500	4.38

MATURE FORM (FIVE YEARS OLD AND OVER)—*Continued.*

		Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
16020	Oshawa Lady, 136..... Owned by John R. Valentine, Bryn Mawr, Pa.	9,695	363.22	427	3.75
21628	Jeanfield Fleckie 3d, 444..... Owned by Percival Roberts, Jr., Narberth, Pa.	9,693	352.31	414	3.68
15874	Miss Mabel D., 132..... Owned by C. M. Winslow, Brandon, Vt.	9,693	351.87	414	3.62
16533	Princess Beatrice 2d, 205 (2d Entry) Owned by P. Ryan, Brewster, N. Y.	9,685	356.33	419	3.67
20182	Starliss, 175 (2d Entry)..... Owned by John R. Valentine, Bryn Mawr, Pa.	9,657	378.41	445	3.92
23863	Barcheskie Winsome, 422..... Owned by J. W. Clise, Redmond, Wash.	9,656	324.82	382	3.37
17018	Friskey of Bonshaw, 144 (2d Entry) Owned by Geo. H. McFadden, Bryn Mawr, Pa.	9,645	397.29	467	4.12
13715	Crimsonia 2d, 129..... Owned by Geo. F. Stone, Littleton, Mass.	9,645	357.44	421	3.71
22468	Ivan 2d, 457..... Owned by W. V. Probasco, Cream Ridge, N. J.	9,623	360.35	424	3.75
20045	Jermma 2d, 372..... Owned by Dudley Wells, Wethersfield, Conn.	9,616	339.59	400	3.53
17011	Daisy of Rossmont, 147 (2d Entry). Owned by Geo. H. McFadden, Bryn Mawr, Pa.	9,585	390.00	459	4.07
19327	Gipsy 1st of Whitehill, 374..... Owned by J. F. Converse, Woodville, N. Y.	9,570	368.21	433	3.85
20406	Josie Clorilla, 687..... Owned by F. H. Cookingham, Cherry Creek, N. Y.	9,564	374.28	440	3.91
20002	Zena J., 385..... Owned by Friends' Asylum, Frankford, Pa.	9,564	327.12	385	3.42
29700	Bangora, 441..... Owned by Kansas State Agr'l College, Manhattan, Kan.	9,557	325.13	382	3.4
18861	Bluebell of Ridgeside, 531..... Owned by Branford Farms, Groton, Conn.	9,535	388.76	457	4.08
16286	Lady Sam, 121..... Owned by Henry Dorrance, Plainfield, Conn.	9,530	348.32	410	3.65
19489	Cora T. 3d, 90 (2d Entry)..... Owned by S. S. Karr & Son, Almond, N. Y.	9,488	400.59	471	4.22
13473	Durline, 15..... Owned by J. J. Hill, St. Paul, Minn.	9,478	354.76	417	3.74



OLDHALL LADYSMITH 4TH

EGGHALL SNOWDROP 2D

MATURE FORM (FIVE YEARS OLD AND OVER)—*Continued.*

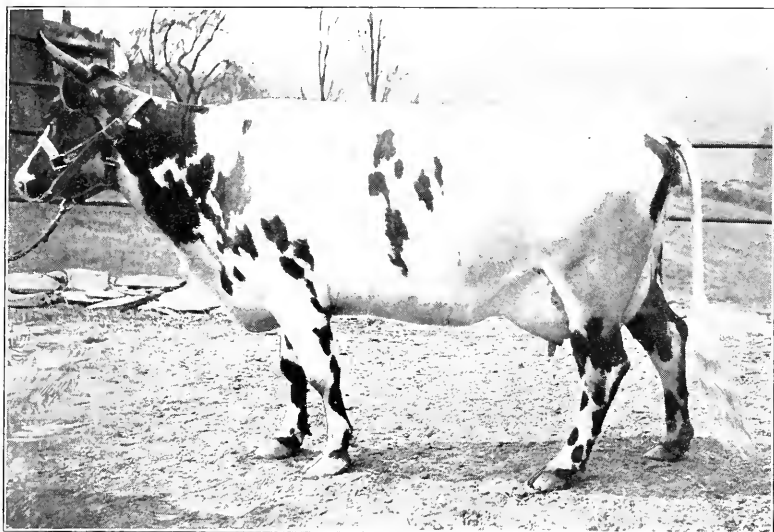
		Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
27137	Beautiful Bella 2d, 395..... Owned by Good Hold Farm, Men- tor, Ohio.	9,475	377.09	444	3.99
17256	Lady Bell 4th, 91 (2d Entry)..... Owned by John R. Valentine, Bryn Mawr, Pa.	9,468	411.59	484	4.35
17013	Maggie of Radnor, 145..... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	9,468	405.03	476	4.28
18000	Lady Belle of Spring Hill, 211..... Owned by S. S. Karr & Son, Al- mond, N. Y.	9,466	362.67	427	3.83
22454	Queen Lill 2d, 268..... Owned by E. J. Fletcher, Green- field, N. H.	9,459	344.70	406	3.64
16,290	Precilla Ayer, 279..... Owned by C. A. Griscom Haver- ford, Pa.	9,458	403.82	475	4.27
22190	Orange Blossom, 721..... Owned by John Sherwin, Wil- loughby, Ohio.	9,456	378.49	445	4.0
20763	Mabel of Hillview, 686..... Owned by Friends' Asylum, Frank- ford, Pa.	9,451	338.77	399	3.58
16533	Princess Beatrice 2d, 205..... Owned by John R. Valentine, Bryn Mawr, Pa.	9,450	372.77	438	3.94
23701	Douglasqueen, 683..... Owned by A. B. McConnell & Sons, Wellington, Ohio.	9,431	404.26	476	4.29
22799	Patience's Pet, 708..... Owned by J. A. Ness, Auburn, Me.	9,431	343.38	404	3.64
17489	Eleanor Fay, 388..... Owned by Francis Lynde Stetson, Sterlington, N. Y.	9,429	353.08	417	3.74
16204	Nancy Almond, 269..... Owned by S. S. Karr & Son, Al- mond, N. Y.	9,428	406.73	479	4.31
21094	Lady Star, 190 (2d Entry)..... Owned by W. V. Probasco, Cream Ridge, N. J.	9,425	349.47	411	3.71
16152	Avis, 128..... Owned by Geo. F. Stone, Littleton, Mass.	9,424	327.81	386	3.48
20922	May Mitchell, 156..... Owned by Percival Roberts, Jr., Narberth, Pa.	9,419	355.67	418	3.77
14705	Belle Nixon, 9..... Owned by Etna J. Fletcher, Green- field, N. H.	9,383	360.85	424	3.85
12479	Rena Webb, 135..... Owned by John R. Valentine, Bryn Mawr, Pa.	9,366	363.24	427	3.88
15840	Meg of Picton Island, 546..... Owned by John Sherwin, Wil- loughby, Ohio.	9,363	340.36	400	3.64

MATURE FORM (FIVE YEARS OLD AND OVER)—*Continued.*

	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
18949 Addington Queen, 158..... Owned by Hill Top Farm, Wheel- ing, W. Va.	9,348	391.02	460	4.18
19042 Viola Drummond 2d, 434..... Owned by J. F. Converse, Wood- ville, N. Y.	9,327	344.62	405	3.7
17861 Polly of Mauchlin, 123..... Owned by Connecticut Agr'l Col- lege, Storrs, Conn.	9,321	364.87	429	3.91
12357 Lukolela, 12	9,299	329.14	387	3.54
Owned by George H. Yeaton, Dover, N. H.				
24669 Oldball Ladysmith 4th, 270..... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	9,293	451.20	531	4.86
12773 Iola Lorne, 17 (2d Entry)..... Owned by C. M. Winslow, Bran- don, Vt.	9,275	337.83	397	3.64
21795 Irene Douglas, 189 (2d Entry)..... Owned by Hill Top Farm, Wheel- ing, W. Va.	9,270	394.46	464	4.25
17892 Letta Lind of Radnor, 81 (2d Entry) Owned by Hill Top Farm, Wheel- ing, W. Va.	9,254	358.36	422	3.87
16204 Nancy Almond, 269 (2d Entry).... Owned by Friends' Asylum, Frank- ford, Pa.	9,249	398.91	469	4.31
19918 Bina Baer, 713..... Owned by J. A. Ness, Auburn, Me.	9,246	311.08	366	3.36
16189 Lillian Drummond 4th, 124..... Owned by L. C. Spalding & Son, Poultney, Vt.	9,239	369.68	435	4.0
14952 Mysie of Barcheskie, 16..... Owned by W. V. Probasco, Cream Ridge, N. J.	9,228	337.00	396	3.65
19749 Lily of Barclay, 405..... Owned by J. W. Clise, Redmond, Wash.	9,225	344.89	406	3.74
18357 Rosie Hebron, 338..... Owned by M. J. Karr & Son, Al- mond, N. Y.	9,210	438.49	516	4.76
18060 Sterling Silver, 206..... Owned by Percival Roberts, Jr., Narberth, Pa.	9,192	406.42	478	4.42
16022 Hillside of Toledo..... Owned by Hill Top Farm, Wheel- ing, W. Va.	9,179	330.37	389	3.65
21637 Sauchrie Bell 3d, 463..... Owned by Hart Wallace, Shelby- ville, Ky.	9,173	359.92	423	3.92
15096 Queen of Barclay, 148..... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	9,172	352.86	415	3.84
21546 Lady Ostrom 2d, 574..... Owned by Good Hold Farm, Men- tor, Ohio.	9,167	384.42	452	4.19

MATURE FORM (FIVE YEARS OLD AND OVER)—*Continued.*

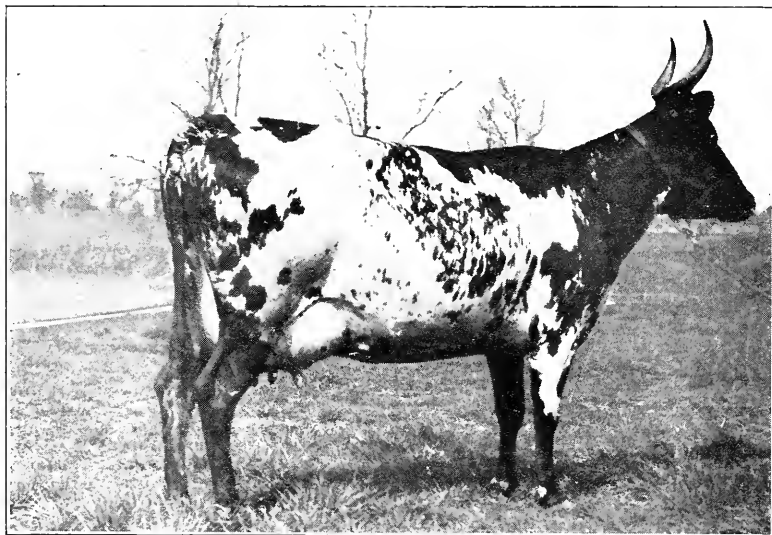
		Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
17011	Daisy of Rosemont, 147..... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	9,164	345.01	406	3.76
19754	Bonnie 2d of Radnor, 41 (2d Entry) Owned by J. W. Clise, Redmond, Wash.	9,164	342.58	403	3.74
20070	Princess Ena, 454..... Owned by J. F. Converse, Wood- ville, N. Y.	9,151	381.24	449	4.17
20722	Lady's Princess of Menie, 420..... Owned by Ashley Farms, Media, Pa.	9,150	332.46	391	3.68
27109	Kilbowie 2d of Glenhurst, 462..... Owned by P. Ryan, Brewster, N. Y.	9,137	368.49	433	4.03
20346	Rose Dukina, 570..... Owned by Francis Lynde Stetson, Sterlington, N. Y.	9,124	325.90	383	3.57
27944	Garclaugh May Mischief, 541..... Owned by Percival Roberts, Jr., Narberth, Pa.	9,123	331.14	390	3.63
21686	Castlemains Nancy 2d, 216 (2d En- try)..... Owned by Percival Roberts, Jr., Narberth, Pa.	9,120	331.79	391	3.64
20214	Vera 2d, 470..... Owned by George F. Stone, Little- ton, Mass.	9,111	337.58	397	3.71
14196	Carrie Hebron, 486..... Owned by M. J. Karr & Son, Al- mond, N. Y.	9,109	362.14	426	3.98
21359	Bell Ayer of Sunnyside, 399..... Owned by C. W. Lewis & Sons, Al- fred Station, N. Y.	9,108	368.56	434	4.05
11469	Xoa, 11..... Owned by George H. Yeaton, Dover, N. H.	9,090	331.71	390	3.65
14554	Inez Douglas, 14..... Owned by Howard Cook, Beloit, Ohio.	9,089	410.81	483	4.52
19507	Lady Burton, 184 (2d Entry)..... Owned by Charles J. Bell, Hollis, N. H.	9,086	322.31	379	3.55
20038	Dolly Inglis, 379..... Owned by Dudley Wells, Wethers- field, Conn.	9,081	403.88	475	4.44
20432	Bell Atwood, 347..... Owned by Good Hold Farm, Men- tor, Ohio.	9,057	361.27	425	3.99
15579	Lily 4th of Fairfield Mains, 149.... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	9,054	343.76	404	3.8
16538	Charissa Lorain, 131..... Owned by A. B. McConnell & Sons, Wellington, Ohio.	9,051	328.95	387	3.63
17454	Anna Webb, 271..... Owned by J. F. Butterfield Co., So. Montrose, Pa.	9,048	342.50	403	3.78



LETA OF AVON

Owned by Mrs. F. D. Erhardt, West Berlin, Vt.

Record: 11,062 lbs. milk, 452.67 lbs. fat, 533 lbs. butter. 4.09% fat



MCALISTER'S BETTY

Owned by Percival Roberts, Jr., Narberth, Pa.

Record: 14,208 lbs. milk, 581.41 lbs. fat, 684 lbs. butter, 4.09% fat

MATURE FORM (FIVE YEARS OLD AND OVER)—*Continued.*

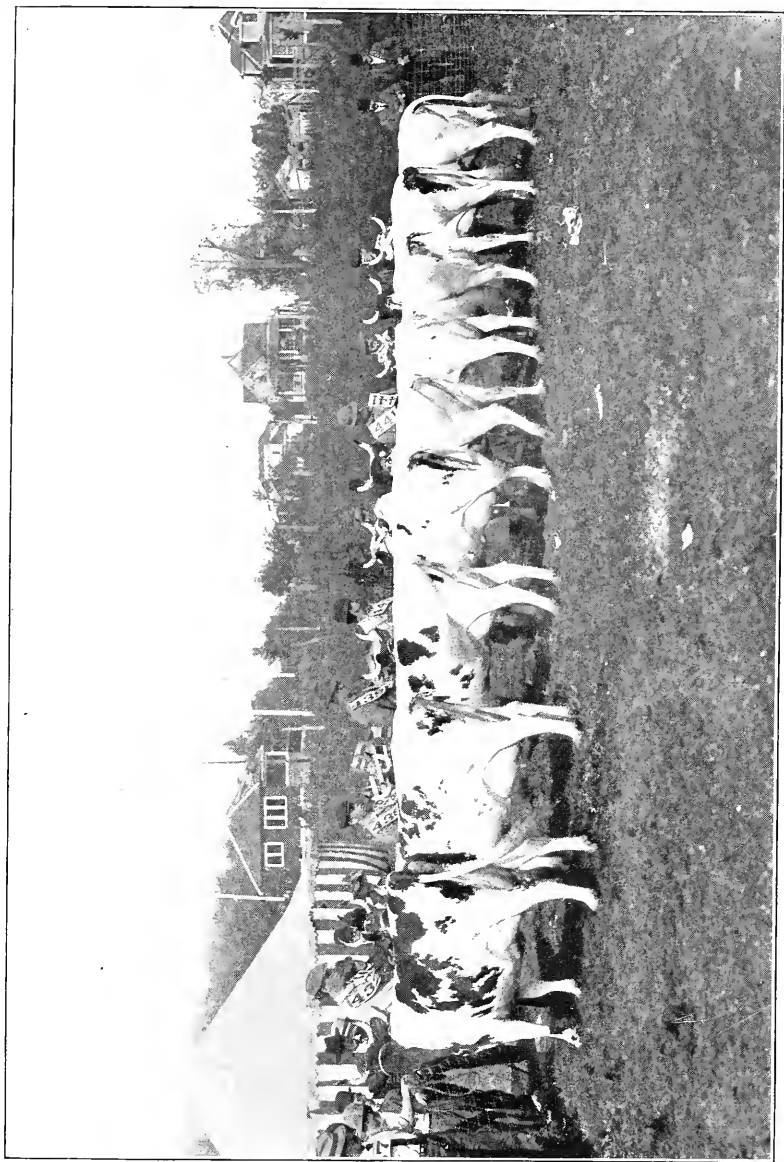
	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
27951 Imp. Tower Finland, 707..... Owned by John R. Valentine, Bryn Mawr, Pa.	9,047	392.09	461	4.33
21703 Woodside May, 199..... Owned by J. W. Clise, Redmond, Wash.	9,042	377.31	444	4.17
20985 White Lily of Menie, 314..... Owned by Ashley Farm, Media, Pa.	9,039	394.90	465	4.36
15914 Amy Ayer, 309..... Owned by S. S. Karr & Sons, Al- mond, N. Y.	9,036	356.29	419	3.94
19517 Lady Hollis 2d, 360..... Owned by Charles J. Bell, Hollis, N. H.	9,002	299.85	353	3.33
23864 Carston Evelina, 378..... Owned by J. W. Clise, Redmond, Wash.	8,965	357.50	421	3.99
17024 Lizzie of Barclay, 116 (2d Entry)... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	8,957	395.70	466	4.42
15845 Nancy of Picton Island, 534..... Owned by John Sherwin, Wil- loughby, Ohio.	8,942	356.83	420	3.99
23073 Floura, 611..... Owned by M. J. Karr & Son, Al- mond, N. Y.	8,931	360.81	424	4.04
24095 Starline of Wellington, 345..... Owned by A. B. McConnell & Sons, Wellington, Ohio.	8,910	383.93	452	4.3
21427 Finlayston Cherry 6th, 155..... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	8,903	335.72	395	3.77
19081 Miss Edna, 685..... Owned by A. B. McConnell & Sons, Wellington, Ohio.	8,900	377.68	444	4.24
20409 Nina Elista, 689..... Owned by F. H. Cookingham, Cherry Creek, N. Y.	8,897	330.72	389	3.72
21849 Baby Douglas, 71 (3d Entry)..... Owned by Hill Top Farm, Wheel- ing, W. Va.	8,892	359.6	423	4.04
24876 Auchenbrain Bloomer 6th, 646..... Owned by J. W. Clise, Redmond, Wash.	8,889	351.07	413	3.95
20500 Margaret of Rathalla, 353 (2d Entry) Owned by Hart Wallace, Shelby- ville, Ky.	8,881	332.55	391	3.75
18081 Delia Melrose, 555..... Owned by Hart Wallace, Shelby- ville, Ky.	8,874	329.68	388	3.72
23056 Sun Blossom, 693..... Owned by F. N. Dow, Portland, Me.	8,853	388.62	457	4.39
17489 Eleanor Fay, 388 (2d Entry)..... Owned by Francis Lynde Stetson, Sterlington, N. Y.	8,844	339.45	400	3.84

MATURE FORM (FIVE YEARS OLD AND OVER)—Continued.

		Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
20630	Ena Drummoud, 394..... Owned by Hill Top Farm, Wheel- ing, W. Va.	8,839	357.88	421	4.05
23869	Gateside Dandy 7th, 424..... Owned by J. W. Clise, Redmond, Wash.	8,812	331.71	390	3.76
12773	Iola Lorne, 17..... Owned by C. M. Winslow, Bran- don, Vt.	8,806	335.35	395	3.81
20052	Ailie, 410..... Owned by Dudley Wells, Wethers- field, Conn.	8,791	334.80	394	3.8
23101	Crimson Lady, 290 (3d Entry)..... Owned by Geo. F. Stone, Littleton, Mass.	8,784	359.64	423	4.09
23033	Yarmouth Mayflower, 319 (2d Entry) Owned by J. A. Ness, Auburn, Me.	8,783	326.16	384	3.71
9581	Naney B., 3..... Owned by Vermont Experiment Station, Burlington, Vt.	8,782	356.56	419	4.14
17081	Friskey of Bonshaw, 144..... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	8,767	374.41	440	4.27
22219	Barleith Snowdrop, 101 (2d Entry). Owned by J. W. Clise, Redmond, Wash.	8,766	352.42	415	4.02
13032	Himona, 7..... Owned by Etna J. Fletcher, Green- field, N. H.	8,765	376.30	442	4.26
17874	Netherwood Empress, 272..... Owned by Hill Top Farm, Wheel- ing, W. Va.	8,762	390.50	459	4.46
15262	Bertha M., 126..... Owned by S. S. Karr & Son, Al- mond, N. Y.	8,754	365.84	430	4.18
25298	Carolo, 723..... Owned by Chas. J. Bell, Hollis, N. H.	8,754	326.94	385	3.73
16056	Flossie A., 273..... Owned by Good Hold Farm, Men- tor, Ohio.	8,731	341.01	401	3.9
19216	Brown Eyes of Knockdon, 150..... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	8,724	354.00	416	4.05
20322	Sly Cordelia 2d, 274..... Owned by Hill Top Farm, Wheel- ing, W. Va.	8,711	355.25	418	4.08
23075	Sarah Hebron, 367 (2d Entry)..... Owned by M. J. Karr & Son, Al- mond, N. Y.	8,709	425.85	501	4.89
13606	Cad's Beauty, 6..... Owned by Etna J. Fletcher, Green- field, N. H.	8,702	382.30	450	4.39
24991	Gateside Wallace 6th, 386..... Owned by J. W. Clise, Redmond, Wash.	8,696	350.22	412	4.03

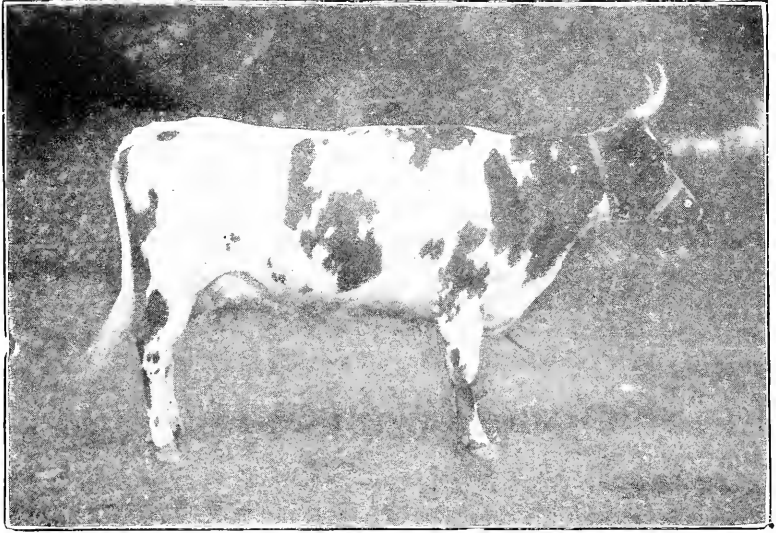
MATURE FORM (FIVE YEARS OLD AND OVER)—*Continued.*

	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
18679 Agnese Sebastian, 107 (2d Entry).. Owned by J. F. Butterfield Co., So. Montrose, Pa.	8,660	328.43	386	3.79
26099 Miss Erica, 428..... Owned by J. W. Ogden, Morristown, N. J.	8,653	351.41	413	4.06
21704 Lady Bruce, 200..... Owned by J. W. Clise, Redmond, Wash.	8,648	326.46	384	3.71
13318 Aleyone of the Plain, 122..... Owned by Connecticut Agr'l. Col- lege, Storrs, Conn.	8,646	322.91	380	3.74
15564 Ruby Russell, 119..... Owned by Henry Dorrance, Plain- field, Conn.	8,643	325.86	383	3.77
11476 Roanette, 10	8,638	331.71	390	3.84
Owned by L. S. Drew, So. Burling- ton, Vt.				
16535 Lady Bell 2d, 137..... Owned by John R. Valentine, Bryn Mawr, Pa.	8,628	352.57	415	4.09
21690 Morton Mains Faustina Scaiffe, 442. Owned by Percival Roberts, Jr., Narberth, Pa.	8,623	332.57	391	3.86
17533 Miss Lulian of Barcheskie, 275..... Owned by J. A. Ness, Auburn, Me.	8,616	334.44	393	3.89
21349 Iona Melrose, 565..... Owned by Friends' Asylum, Frank- ford, Pa.	8,607	324.01	381	3.76
26998 Lessnesock Stylish Dairy Flora 2d, 567.	8,583	327.38	385	3.81
Owned by F. N. Dow, Portland, Me.				
24547 Princess of Woodstock, 533..... Owned by Branford Farms, Groton, Conn.	8,578	337.82	397	3.94
16534 Oshawa Lass of Highland, 138..... Owned by John R. Valentine, Bryn Mawr, Pa.	8,561	324.	381	4.02
20883 Mosshawk 2d of Hindsward, 233 (2d Entry).....	8,551	338.20	396	3.96
Owned by Percival Roberts, Jr., Narberth, Pa.				
15105 Lady Browning, 151..... Owned by Geo. H. McFadden, Bryn Mawr Pa.	8,531	321.88	379	3.77
30882 Erica 3d, 538..... Owned by Branford Farms, Groton, Conn.	8,526	323.57	381	3.8
21628 Clockston Bella 2d, 152..... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	8,509	353.05	415	4.15
11470 Yucca, 13	8,502	323.14	380	3.8
Owned by Geo. H. Yeaton, Dover, N. H.				
17457 Ruth Webb, 276..... Owned by J. F. Butterfield Co., So. Montrose, Pa.	8,500	342.74	403	4.03



AGED COW CLASS AT NATIONAL DAIRY SHOW, 1910

FOUR YEAR OLD FORM.

Requirements 7,500 lbs. of Milk and 279 lbs. of Butter Fat.

BESSIE OF ROSEMONT.

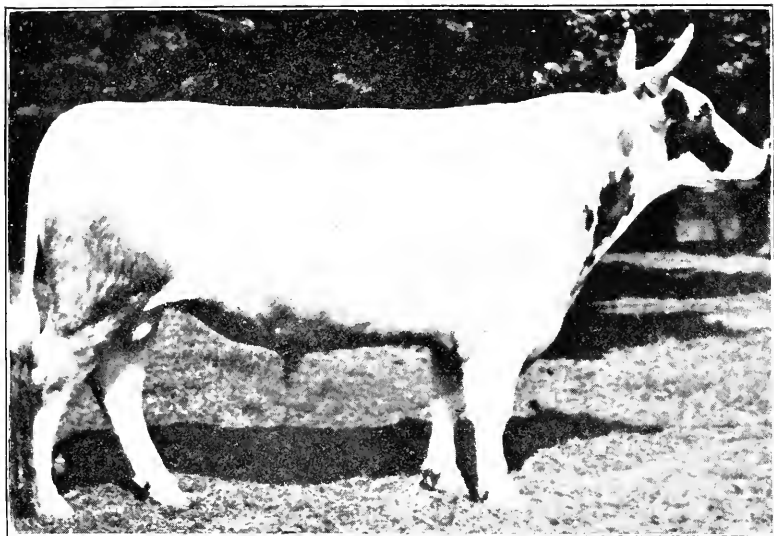
	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
17904 Bessie of Rosemont, 44 (2d Entry). Owned by Geo. H. McFadden, Bryn Mawr, Pa.	14,102	578.17	680	4.1
24719 Mable of Sand Hill, 218 (3d Entry). Owned by S. S. Karr & Son, Almond, N. Y.	13,362	492.42	579	3.69
21742 Southwick Woodbine, 493..... Owned by J. W. Clise, Redmond, Wash.	12,995	468.42	551	3.6
27003 Imp. Auchenbrain Bully 3d, 636.... Owned by Mrs. F. D. Erhardt, West Berlin, Vt.	12,903	500.28	589	3.88
24176 Bernice Clyde, 323. (2d Entry)..... Owned by S. S. Karr & Son, Almond, N. Y.	12,535	498.71	587	3.98
18400 Cora T. 2d, 198..... Owned by S. S. Karr & Son, Almond, N. Y.	12,230	511.44	602	4.18
20180 Bell Ayer, 56 (2d Entry)..... Owned by John R. Valentine, Bryn Mawr, Pa.	11,934	492.91	580	4.13
20884 Auchenbrain Bloomer 9th, 583..... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	11,768	509.14	600	4.33

FOUR YEAR OLD FORM—Continued.

		Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
20066	Lady Douglas of Riverside, 255..... Owned by Missouri Agr'l. College, Columbia, Missouri.	11,577	447.72	527	3.87
21852	Douglas Cordelia, 79 (2d Entry).... Owned by Hill Top Farm, Wheel- ing, W. Va.	11,448	411.10	484	3.59
24531	Lady May Clayton, 588..... Owned by John Sherwin, Wil- loughby, Ohio.	11,389	470.21	553	4.12
19487	Midget of Sand Hill, 89 (2d Entry) . Owned by S. S. Karr & Son, Almond, N. Y.	11,281	421.47	496	3.74
18249	Oshawa Lady 2d, 78 (2d Entry) Owned by John R. Valentine, Bryn Mawr, Pa.	11,254	430.73	507	3.83
23833	Madam Bossi, 448..... Owned by J. W. Ogden, Morristown, N. J.	11,148	441.49	519	3.96
21837	Leta of Avon, 383..... Owned by Mrs. F. D. Erhardt, West Berlin, Vt.	11,062	452.67	533	4.09
21695	Mabelle of Highland, 232 (3d Entry) . Owned by John R. Valentine, Bryn Mawr, Pa.	10,957	408.72	481	3.73
19217	Finlayston Maggie 3d, 105..... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	10,759	446.11	525	4.15
18678	Pauline Sebastian, 109..... Owned by J. F. Butterfield Co., So. Montrose, Pa.	10,745	361.57	425	3.36
26039	Kaziah of Highland, 307 (2d Entry) . Owned by John R. Valentine, Bryn Mawr, Pa.	10,624	369.12	434	3.57
24020	Lucy of Maple Grove, 718..... Owned by J. A. Ness, Auburn, Me.	10,543	377.87	445	3.57
19153	Esthon Douglas, 197..... Owned by Chas J. Bell, Hollis, N. H.	10,527	373.52	440	3.54
17015	Becky of Holehouse, 115..... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	10,507	394.90	465	3.76
23545	Speckled Beauty, 226 (2d Entry)... Owned by Percival Roberts, Jr., Narberth, Pa.	10,486	410.74	483	3.92
20531	Abbie Sebastian, 103..... Owned by J. F. Butterfield Co., So. Montrose, Pa.	10,449	365.65	430	3.5
21247	Rena Ayer, 72 (2d Entry)..... Owned by John R. Valentine, Bryn Mawr, Pa.	10,424	440.21	518	4.04
22953	Clean Lugs, 501..... Owned by A. F. Spooner, Richville, N. Y.	10,224	380.99	448	3.73
22260	Eva of Willowmoor, 494..... Owned by J. W. Clise, Redmond, Wash.	10,101	449.84	529	4.45

FOUR YEAR OLD FORM—Continued.

		Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
22951	Giftie Gat, 528..... Owned by A. F. Spooner, Richville, N. Y.	10,099	409.16	481	4.05
23075	Sarah Hebron, 367..... Owned by M. J. Karr & Son, Almond, N. Y.	10,097	469.17	552	4.64
20323	October Lass, 111..... Owned by Hill Top Farm, Wheel- ing, W. Va.	10,078	396.29	466	3.93
17473	Madonna Lass 2d, 110..... Owned by Hill Top Farm, Wheel- ing, W. Va.	10,020	383.60	451	3.82
26157	May Hebron 2d, 308 (3d Entry).... Owned by M. J. Karr & Son, Almond, N. Y.	9,916	374.08	440	3.77
29958	Lady Mayflower of Maple Grove, 711 Owned by J. A. Ness, Auburn, Me.	9,852	364.74	429	3.7
25806	Oldhall Cherry 7th, 608..... Owned by Mrs. F. D. Erhardt, West Berlin, Vt.	9,645	373.21	439	3.88
27955	Imp. Merry Minx O'Carston, 703.... Owned by John R. Valentine, Bryn Mawr, Pa.	9,625	398.54	469	4.14
23996	Maud Douglas, 239 (2d Entry).... Owned by Hill Top Farm, Wheel- ing, W. Va.	9,618	355.91	419	3.7
27527	Imp. Willoxton Sally 2d, 619..... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	9,614	386.64	455	4.02
20500	Margaret of Rathalla, 353..... Owned by W. W. Blake, Arkeoll, Paoli, Pa.	9,586	380.42	448	3.97
25548	Athenia 2d, 717..... Owned by J. A. Ness, Auburn, Me.	9,582	344.13	405	3.59
27957	Imp. Mena of Torr, 520..... Owned by John R. Valentine, Bryn Mawr, Pa.	9,555	369.29	434	3.86
22765	Crimson Avis, 245 (2d Entry).... Owned by Geo. F. Stone, Littleton, Mass.	9,502	321.80	379	3.39
22201	Madge of Wellington, 344..... Owned by A. B. McConnell & Sons, Wellington, Ohio.	9,494	390.84	460	4.14
23013	Frisky of Barclay, 277. (2d Entry). Owned by P. Ryan, Brewster, N. Y.	9,455	361.88	426	3.83
25382	Rose Mcodna, 450..... Owned by Chas. J. Bell, Hollis, N. H.	9,455	322.44	380	3.41
24346	Lady Yarieo, 453..... Owned by Branford Farms, Groton, Conn.	9,413	352.61	415	3.75
21627	Broomhill Minnie 10th, 106..... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	9,409	384.20	452	4.08
27537	Imp. Auchenbainzie Joan, 695..... Owned by P. Ryan, Brewster, N. Y.	9,394	383.37	451	4.08



WILLOWMOOR ROBIN HOOD
Owned by J. W. Clise, Redmond, Wash.



CASTLEMAINS VIOLET
Owned by Arthur H. Sagendorph, Spencer, Mass.

FOUR YEAR OLD FORM—*Continued.*

		Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
23493	Miss Letta, 657..... Owned by Hill Top Farm, Wheel- ing, W. Va.	9,370	354.06	417	3.78
18679	Agnese Sebastian, 107..... Owned by J. F. Butterfield Co., So. Montrose, Pa.	9,364	360.21	424	3.85
22923	Columbia Douglas, 484..... Owned by Missouri Agr'l. College, Columbia, Mo.	9,329	351.34	413	3.76
21739	Princess of Maple Grove, 317..... Owned by J. A. Ness, Auburn, Me.	9,259	313.03	368	3.38
23081	Molly Hebron, 475..... Owned by S. S. Karr & Son, Almond, N. Y.	9,352	341.53	402	3.69
21251	Colonel's Lady Bell, 256..... Owned by John R. Valentine, Bryn Mawr, Pa.	9,226	417.33	491	4.52
20956	Garelaugh Mayflower, 194..... Owned by Percival Roberts, Jr., Narberth, Pa.	9,224	341.61	402	3.7
27531	Imp. Laurieston Sunflower, 593.... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	9,200	353.45	416	3.84
20846	Lady Leah, 252..... Owned by Chas. J. Bell, Hollis, N. H.	9,199	308.83	363	3.36
26364	Burnside Lady Waddell, 527..... Owned by J. W. Ogden, Morristown, N. J.	9,186	381.09	448	4.15
21851	Douglas Empress, 195..... Owned by Hill Top Farm, Wheel- ing, W. Va.	9,165	386.31	454	4.21
22474	Nellie Earl, 251..... Owned by H. C. Groome, Warren- ton, Va.	9,117	342.34	403	3.75
25029	Edith of Rock Ridge Farm, 645..... Owned by Mich. School for the Deaf, Flint, Mich.	9,042	393.52	463	4.35
16779	Dollie Kilbowie, 112..... Owned by Walter D. Turner, Moore- town, Vt.	9,039	311.47	366	3.45
21109	Crimson Rambler, 61 (3d Entry)... Owned by Geo. F. Stone, Littleton, Mass.	9,036	329.91	388	3.69
27565	Beldouglas, 603..... Owned by P. Ryan, Brewster, N. Y.	9,035	349.18	411	3.88
23101	Crimson Lady, 290 (2d Entry)..... Owned by Geo. F. Stone, Littleton, Mass.	9,032	365.17	430	4.04
23812	Lady Crimsonia, 485..... Owned by Geo. F. Stone, Littleton, Mass.	8,995	361.12	425	4.02
21259	Bell Ayer 2d, 237 (2d Entry)..... Owned by John R. Valentine, Bryn Mawr, Pa.	8,992	410.35	483	4.56

FOUR YEAR OLD FORM—*Continued.*

	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
24656 Snowball of Hilleroft, 435..... Owned by M. Hannah, Brownsville, Vt.	8,964	385.04	453	4.3
17024 Lizzie of Barclay, 116..... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	8,868	409.91	482	4.62
25296 Finlayston Lassie, 705..... Owned by John R. Valentine, Bryn Mawr, Pa.	8,865	395.06	465	4.46
24650 Gertrude Kelvyn, 253..... Owned by Geo. F. Stone, Littleton, Mass.	8,793	327.53	385	3.72
26313 Torrs Sibella, 447 (2d Entry)..... Owned by J. W. Ogden, Morris- town, N. J.	8,756	352.88	415	4.03
22599 Stella of Mansfield, 455..... Owned by Connecticut Agr'l. Col- lege, Storrs, Conn.	8,650	322.12	379	3.72
23116 Florence Fizzaway, 461..... Owned by J. F. Converse, Wood- ville, N. Y.	8,630	326.78	384	3.79
27529 Imp. Greenslack Lizzie 5th, 604.... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	8,608	336.06	394	3.91
20597 Beauty of Maple Hill, 380..... Owned by J. G. Clark, Ottawa, Ont.	8,586	355.11	417	4.13
24720 Hazel of Sand Hill, 325 (2d Entry). Owned by S. S. Karr & Son, Almond, N. Y.	8,581	383.62	451	4.47
17472 Daisy Jewess 2d, 114..... Owned by Hill Top Farm, Wheel- ing, W. Va.	8,574	336.95	396	3.93
28055 Daisy Hebron of Almond, 488 (2d Entry)..... Owned by M. J. Karr & Son, Almond, N. Y.	8,540	339.60	400	3.98
20524 Rose Elaban, 459..... Owned by Francis Lynde Stetson, Sterlington, N. Y.	8,508	306.35	360	3.6
2'622 Auchenbrain Princess 7th, 104..... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	8,506	359.40	423	4.23
22200 Madaline V, 343..... Owned by A. B. McConnell & Sons, Wellington, Ohio.	8,503	358.58	422	4.22
27112 White Floss of Glenhurst, 694..... Owned by P. Ryan, Brewster, N. Y.	8,472	296.13	348	3.49
27954 Imp. Bargeoch Hope, 701..... Owned by John R. Valentine, Bryn Mawr, Pa.	8,409	352.70	415	4.19
20326 Cordelia Douglas, 460..... Owned by Hill Top Farm, Wheel- ing, W. Va.	8,397	329.91	388	3.93
17997 Miss Betty of Spring Hill, 113..... Owned by S. S. Karr & Son, Almond, N. Y.	8,334	304.10	358	3.65

FOUR YEAR OLD FORM—*Continued.*

		Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
15033	Lulu Avondale, 24 (2d Entry)..... Owned by C. M. Winslow, Brandon, Vt.	8,326	335.82	395	4.03
23868	Beuchan Nancy, 370..... Owned by J. W. Clise, Redmond, Wash.	8,191	308.34	363	3.77
20529	Polly Sebastian, 196..... Owned by J. F. Butterfield Co., So. Montrose, Pa.	8,189	316.18	372	3.86
17254	Ithan 2d, 108..... Owned by John R. Valentine, Bryn Mawr, Pa.	8,174	368.66	434	4.51
24729	Jessie Douglas, 254..... Owned by Good Hold Farm, Mentor, Ohio.	8,163	338.02	398	4.14
22419	Norwood Model, 280 (2d Entry).... Owned by J. W. Ogden, Morristown, N. J.	8,137	277.08	326	3.4
26885	Barleith Nancy Red Rose, 556.... Owned by Hart Wallace, Shelbyville, Ky.	8,086	335.94	395	4.15
24677	Castlemains Ann 2d, 472..... Owned by Hill Top Farm, Wheeling, W. Va.	8,083	317.14	373	3.92
23610	Bessie Begone 2d, 404..... Owned by Henry Dorance, Plainfield, Conn.	8,072	295.94	348	3.67
26881	Auchenbainzie White Rose, 623..... Owned by P. Ryan, Brewster, N. Y.	8,066	301.45	355	3.74
27000	Garlaugh Mansfield 5th, 549..... Owned by Percival Roberts, Jr., Narberth, Pa.	8,050	310.70	366	3.86
22464	Rosy Ayer 2d, 419..... Owned by W. V. Probasco, Cream Ridge, N. J.	8,041	332.05	391	4.1
19894	Linda S., 193..... Owned by W. V. Probasco, Cream Ridge, N. J.	8,005	310.78	366	3.88
21014	Charlotta Clyde 2d, 315..... Owned by Friends' Asylum Frankfort, Pa.	7,988	312.72	368	3.91
22956	Belyoe, 524..... Owned by A. F. Spooner, Richville, N. Y.	7,984	334.71	394	4.2
22221	Holehouse White Bess, 192..... Owned by Geo. H. McFadden, Bryn Mawr Pa.	7,981	347.87	409	4.36
30909	Pride of the Willows, 573..... Owned by Branford Farms, Groton, Conn.	7,972	302.23	356	3.79
22466	Roma Ayer, 433..... Owned by W. V. Probasco, Cream Ridge, N. J.	7,942	302.84	356	3.81
27945	Imp. Auchenbrain Kirsty 10th, 548. Owned by Percival Roberts, Jr., Narberth, Pa.	7,878	343.07	404	4.36



LILY OF WILLOWMOOR

Record: 22,106 lbs. milk, 888.70 lbs. fat, 1,046 lbs. butter, 4.02% fat

GERRANTON DORA 2D

Record: 21,023 lbs. milk, 804.79 lbs. fat, 947 lbs. butter, 3.83% fat

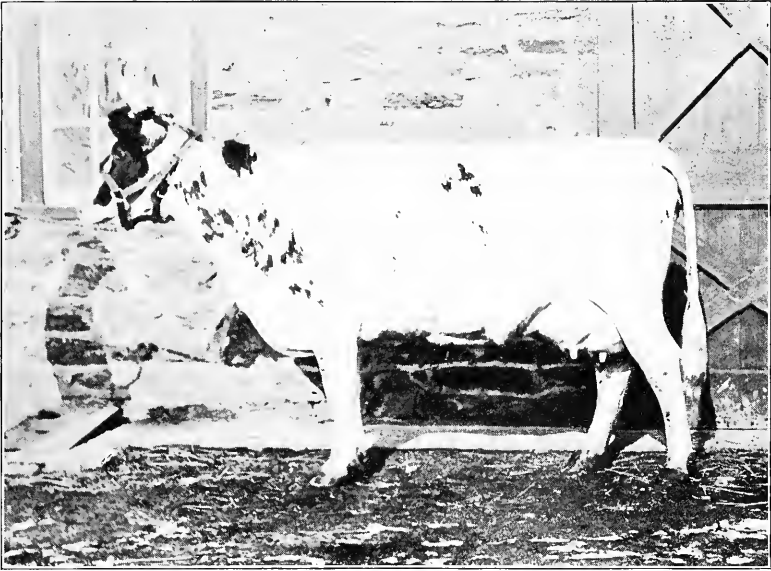
Owned by J. W. Clise, Redmond, Wash.

FOUR YEAR OLD FORM—*Continued.*

	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
27970 Tilly Tibbie of Torr, 468 (2d Entry). Owned by John R. Valentine, Bryn Mawr, Pa.	7,831	328.66	387	4.2
20530 Hazel Sebastian, 249..... Owned by J. F. Butterfield Co., So. Montrose, Pa.	7,825	333.62	392	4.3
23549 Lady's Princess, 220 (2d Entry).... Owned by Percival Roberts, Jr., Narberth, Pa.	7,814	341.61	402	4.37
23068 Queen of Maple Grove, 534..... Owned by F. N. Dow, Portland, Me.	7,807	320.05	377	4.1
22976 Bessie of Maple Grove, 715..... Owned by J. A. Ness, Auburn, Me.	7,805	332.85	392	4.26
20871 Miss Bessie, 250..... Owned by Geo. H. McFadden, Bryn Mawr Pa.	7,755	333.74	393	4.33
22125 Queen's Denty, 381..... Owned by P. Ryan, Brewster, N. Y.	7,743	294.36	346	3.8
24308 Guld Enow, 691..... Owned by A. F. Spooner, Richville, N. Y.	7,524	327.29	385	4.35

THREE YEAR OLD FORM.

Requirements 6,500 lbs. of Milk and 236 lbs. of Butter Fat.



IMP. THE ABBESS OF TORR.

	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
27964 Imp. The Abbess of Torr, 706	14,582	640.72	754	4.39
Owned by John R. Valentine, Bryn Mawr, Pa.				
23548 McAlister's Betty, 223 (2d Entry) . . .	14,208	581.41	684	4.09
Owned by Percival Roberts, Jr., Narberth, Pa.				
23323 Matie of Sand Hill, 164 (2d Entry) .	13,897	593.16	698	4.3
Owned by S. S. Karr & Son, Almond, N. Y.				
26582 Ithan 5th, 355 (2d Entry)	13,180	558.07	657	4.24
Owned by John R. Valentine, Bryn Mawr, Pa.				
31691 Langdyke Sally 2d, 582	12,925	457.14	538	3.54
Owned by Geo. H. McFadden, Bryn Mawr, Pa.				
24719 Mable of Sand Hill, 218 (2d Entry) .	12,857	501.06	589	3.9
Owned by S. S. Karr & Son, Almond, N. Y.				
22269 Lily of Willowmoor, 299 (2d Entry)	12,730	479.56	564	3.77
Owned by J. W. Clise, Redmond, Wash.				

THREE YEAR OLD FORM—*Continued.*

	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
24176 Bernice Clyde, 323..... Owned by S. S. Karr & Son, Almond, N. Y.	12,505	529.36	623	4.23
27784 Little Rose Drummond, 572..... Owned by F. W. Spalding, Poul- ney Vt.	12,423	408.68	481	3.29
26013 Keepsake 2d, 330..... Owned by John R. Valentine, Bryn Mawr, Pa.	12,235	534.38	629	4.37
25295 Rena Ross 2d, 438..... Owned by John R. Valentine, Bryn Mawr, Pa.	12,046	467.80	550	3.88
23010 Dorothy of Orono, 526..... Owned by University of Maine, Orono, Me.	11,463	415.71	489	3.63
21255 Curfew Bell, 180..... Owned by John R. Valentine, Bryn Mawr, Pa.	11,181	502.99	592	4.5
24605 Castanet, 589..... Owned by John Sherwin, Wil- loughby, Ohio.	11,141	408.20	480	3.66
24287 Willowmoor Etta, 644..... Owned by J. W. Clise, Redmond, Wash.	11,099	406.18	478	3.66
27958 Imp. White Heather of Torr, 507... Owned by John R. Valentine, Bryn Mawr, Pa.	10,887	449.58	529	4.13
24004 Miss Nox 2d 416..... Owned by Hill Top Farm, Wheel- ing, W. Va.	10,791	418.03	492	3.85
22652 Drummond's Gem, 187..... Owned by Hill Top Farm, Wheel- ing, W. Va.	10,746	359.38	423	3.34
24281 Willowmoor Marjorie Douglas, 286 (2d Entry)..... Owned by J. W. Clise, Redmond, Wash.	10,617	361.31	425	3.4
25244 Rhody Drummond, 664..... Owned by R. I. College of Agr., Kingston, R. I.	10,467	451.29	531	4.31
21850 Madonna Lass 3d, 185..... Owned by Hill Top Farm, Wheel- ing, W. Va.	10,467	429.85	506	4.1
31690 Aikenhead Mirlie 9th, 581..... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	10,354	433.20	510	4.18
27496 Imp. Oldhall Sweet Briar, 660..... Owned by P. Ryan, Brewster, N. Y.	10,233	406.82	479	3.98
27544 Imp. Broomhill Bessie 3d, 668..... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	10,219	402.76	474	3.94
19490 Jennie of Sand Hill, 188..... Owned by S. S. Karr & Son, Almond, N. Y.	10,160	437.16	514	4.3

THREE YEAR OLD FORM—*Continued.*

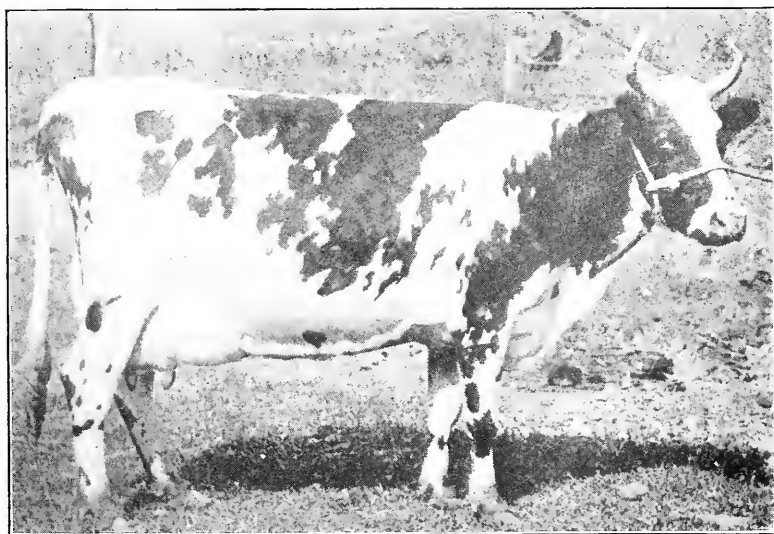
	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
25270 Hope Glencairn, 690..... Owned by Rhode Island State Col- lege, Kingston, R. I.	10,152	437.89	515	4.31
26014 Megsy Tipperlin 3d, 331 (2d Entry). Owned by John R. Valentine, Bryn Mawr, Pa.	10,126	381.65	449	3.77
19833 Sweet Josie, 98..... Owned by J. W. Clise, Redmond, Wash.	10,103	406.90	479	4.02
22563 Queen Ester, 247..... Owned by H. C. Groome, Warren- ton, Va.	9,998	330.48	389	3.3
24179 Mable Air 2d, 633..... Owned by C. A. Griscom, Haver- ford, Pa.	9,964	389.22	458	3.91
24304 Blae Bluid, 552..... Owned by A. F. Spooner, Richville, N. Y.	9,962	407.71	479	4.1
22419 Norwood Model, 280..... Owned by J. W. Ugden, Morris- town, N. J.	9,867	336.57	396	3.41
24674 Auchenbrain Favorite Beauty 6tb, 242. Owned by Geo. H. McFadden, Bryn Mawr, Pa.	9,842	469.43	552	4.77
25367 Josie of Bell Farm, 329..... Owned by Charles J. Bell, Hollis, N. H.	9,831	347.61	409	3.54
19487 Midget of Sand Hill, 89..... Owned by S. S. Karr & Son, Almond, N. Y.	9,824	361.44	425	3.69
23551 Lady Quality, 225 (2d Entry)..... Owned by Percival Roberts, Jr., Narberth, Pa.	9,816	404.26	476	4.12
22955 Annie May Louvan, 490..... Owned by A. F. Spooner, Richville, N. Y.	9,803	397.25	467	4.05
23691 Beubiolah Fox, 530..... Owned by A. F. Spooner, Richville, N. Y.	9,713	387.10	455	3.99
20324 Daisy Jewess 3d, 97..... Owned by Hill Top Farm, Wheel- ing, W. Va.	9,665	356.57	420	3.7
23077 Lucy J., 321..... Owned by Friends' Asylum, Frank- ford, Pa.	9,652	407.35	479	4.23
17452 Eugenie Douglas, 83..... Owned by John R. Valentine, Bryn Mawr, Pa.	9,587	380.44	448	3.97
19507 Lady Burton, 184..... Owned by Chas J. Bell, Hollis, N. H.	9,580	326.95	385	3.41
22213 Babe's Duchess, 102..... Owned by Hill Top Farm, Wheel- ing, W. Va.	9,559	386.60	455	4.04

THREE YEAR OLD FORM—Continued.

		Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
20528	Bernice Sebastian, 243..... Owned by J. F. Butterfield Co., So. Montrose, Pa.	9,467	356.10	419	3.76
27971	Imp. Molly O'Mill O'Shields, 700... Owned by John R. Valentine, Bryn Mawr, Pa.	9,425	406.33	478	4.31
24717	Blanche of Sand Hill, 324 (2d Entry) Owned by Cornell University, Ithaca, N. Y.	9,267	359.18	423	3.88
24881	Burnside Nora 3d, 287 (2d Entry)... Owned by J. W. Clise, Redmond, Wash.	9,256	361.75	426	3.91
24676	Barcheskie Gwynette, 241..... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	9,234	415.10	488	4.49
22350	Beauty of Hillcroft, 431..... Owned by Matthew Hannah, Brownsville, Vt.	9,139	382.02	449	4.18
25293	Finlayston's Fern, 238 (2d Entry)... Owned by John R. Valentine, Bryn Mawr, Pa.	9,113	340.82	401	3.74
25368	Mona of Bell Farm, 359..... Owned by Charles J. Bell, Hollis, N. H.	9,084	320.77	377	3.53
19504	Yucca Douglas, 183..... Owned by Charles J. Bell, Hollis, N. H.	9,049	317.77	374	3.51
28060	Grace of Hillview, 557..... Owned by Hart Wallace, Shelby- ville, Ky.	9,046	358.63	422	3.96
22465	Winne K., 398..... Owned by W. V. Probasco, Cream Ridge, N. J.	8,982	420.76	495	4.69
15263	Belle's Cherry, 18..... Owned by Howard Cook, Beloit, Ohio.	8,871	361.25	425	4.07
25159	Janette Douglas, 550..... Owned by A. F. Spooner, Richville, N. Y.	8,854	323.51	381	3.66
25250	Minnie of Maple Grove, 716..... Owned by J. A. Ness, Auburn, Me.	8,851	372.35	438	4.21
26154	Dew Blossom, 366 (2d Entry)..... Owned by M. J. Karr & Son, Almond, N. Y.	8,835	381.31	449	4.32
28257	Imp. Laigh Tarbeg Kate 3d, 601.... Owned by J. W. Clise, Redmond, Wash.	8,821	335.91	395	3.81
22763	Crimson Maid, 160 (2d Entry)..... Owned by Geo. F. Stone, Littleton, Mass.	8,811	358.98	422	4.09
26478	Empress Dairy Queen, 656..... Owned by Hill Top Farm, Wheel- ing, W. Va.	8,795	367.56	432	4.18
24721	Eliza T., 326 (2d Entry)..... Owned by Cornell University, Ithaca, N. Y.	8,787	355.80	419	4.05



LESSNESSOCK WHITE LILY
Owned by Arthur H. Sagendorph, Spencer, Mass.



MIDLAND GREENFIELD
3d Prize in 1,000 gal. class at Fenwick, 1906
Owned in Scotland.

THREE YEAR OLD FORM—Continued.

		Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
23078	Nellie Hebron, 498..... Owned by M. J. Karr & Son, Almond, N. Y.	8,726	394.59	464	452
22289	Pauline Ayer of Sunnyside, 322.... Owned by C. W. Lewis & Sons, Alfred Station, N. Y.	8,711	343.90	405	3.95
23405	Ann of Highland, 519..... Owned by H. C. Groome, Warren- ton, Va.	8,651	322.43	379	3.73
26946	Shira McGregor, 697..... Owned by Fred B. Catlin, Wi- nooski, Vt.	8,619	377.75	444	4.38
18680	Amelia Sebastian, 248..... Owned by J. F. Butterfield Co., So. Montrose, Pa.	8,604	355.66	418	4.13
24307	Alice Delight, 692..... Owned by A. F. Spconer, Richville, N. Y.	8,599	372.85	439	4.34
19752	Cherry of Barclay, 179..... Owned by J. W. Clise, Redmond, Wash.	8,599	371.13	437	4.32
17256	Lady Bell 4th, 91..... Owned by John R. Valentine, Bryn Mawr, Pa.	8,516	374.63	441	4.4
25011	Queen of Wood's Hill 2d. 328..... Owned by Chas J. Bell, Hollis, N. H.	8,507	287.51	338	3.38
22487	Fidelia Fizzaway, 349..... Owned by J. F. Converse, Wood- ville, N. Y.	8,502	379.47	446	4.46
21795	Irene Douglas, 189..... Owned by Hill Top Farm, Wheel- ing, W. Va.	8,490	339.94	400	4.00
24248	Willowmoor White Beauty, 288 (2d Entry). Owned by J. W. Clise, Redmond, Wash.	8,457	316.64	373	3.74
24253	Clover Maid's Blossom, 532..... Owned by Branford Farms, Groton Conn.	8,441	321.82	379	3.81
23101	Crimson Lady, 290..... Owned by Geo. F. Stone, Littleton, Mass.	8,376	349.	411	4.17
17252	Nellie of Highland, 100..... Owned by John R. Valentine, Bryn Mawr, Pa.	8,374	331.82	390	3.97
19897	Queen S., 191..... Owned by W. V. Probasco, Cream Ridge, N. J.	8,362	281.59	331	3.37
21253	Ithan 3d, 177..... Owned by John R. Valentine, Bryn Mawr, Pa.	8,360	347.23	409	4.15
23654	Janet Laing, 517..... Owned by H. C. Groome Warren- ton, Va.	8,354	294.73	347	3.52

THREE YEAR OLD FORM—Continued.

	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
25549 Betty of Hillview, 391 (2d Entry). Owned by P. Ryan, Brewster, N. Y.	8,339	336.42	396	4.03
26992 Addington Queen 2d, 281 (2d Entry) Owned by Hill Top Farm, Wheel- ing, W. Va.	8,339	311.25	366	37.3
22218 Broomhill Dairy Maid, 99..... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	8,326	319.13	375	3.84
21695 Mabelle of Highland, 232 (2d Entry) Owned by John R. Valentine, Bryn Mawr, Pa.	8,313	309.05	364	3.72
25059 Buttercup of Hilleroft, 415..... Owned by H. W. Pardey, Segregan- set, Mass.	8,287	330.43	389	3.99
26674 Bell of Aurora, 630..... Owned by John H. Baker, East Aurora, N. Y.	8,268	352.34	415	4.26
18247 Kitty K. 2d, 92..... Owned by John R. Valentine, Bryn Mawr, Pa.	8,255	351.97	414	4.26
26101 Sunnyside Nora 2d, 413 (2d Entry). Owned by J. W. Ogden, Morris- town, N. J.	8,201	333.31	392	4.06
18681 Angeline Sebastian, 94..... Owned by J. F. Butterfield Co., So. Montrose, Pa.	8,176	340.30	400	4.16
23494 Daisy of Bryn Mawr, 414..... Owned by Branford Farms, Groton, Conn.	8,163	325.15	383	3.99
22219 Barleith Snowdrop, 101..... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	8,158	298.98	352	3.65
20802 Lady Redwood, 244..... Owned by E. J. Fletcher, Green- field, N. H.	8,141	289.17	340	3.55
27550 Imp. Hobsland Miss May, 537..... Owned by P. Ryan, Brewster, N. Y.	8,132	321.06	378	3.95
18821 Lady Rotha, 82..... Owned by J. W. Clise, Redmond, Wash.	8,101	315.17	371	3.89
25729 Barcheskie Sulky 2d, 709..... Owned by J. A. Ness, Auburn, Me.	8,082	324.09	381	4.01
27310 Burnhouses Yellow Bess 2d, 579.... Owned by J. W. Ogden, Morris- town, N. J.	8,056	324.09	381	4.02
24340 Lady Ratcliffe 3d, 306..... Owned by Dudley Wells & Son, Wethersfield, Conn.	8,050	388.11	457	4.2
26157 May Hebron 2d, 308 (2d Entry).... Owned by M. J. Karr & Son, Almond, N. Y.	8,049	304.50	358	3.78
26313 Torrs Sibella, 447..... Owned by J. W. Ogden, Morris- town, N. J.	8,002	326.41	384	4.08

THREE YEAR OLD FORM—*Continued.*

	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
21109 Crimson Rambler, 61 (2d Entry).. Owned by Geo. F. Stone Littleton, Mass.	8,001	305.21	359	3.81
20181 Kaziah 2d, 178..... Owned by John R. Valentine, Bryn Mawr, Pa.	7,961	295.65	348	3.71
26257 Finlayston's Lady Bell, 291..... Owned by John R. Valentine, Bryn Mawr, Pa.	7,957	357.36	420	4.49
26829 Imp. Foulton Spicy Nannie, 638.... Owned by P. Ryan, Brewster, N. Y.	7,906	286.08	337	3.62
21094 Lady Star, 190..... Owned by W. V. Probasco, Cream Ridge, N. J.	7,906	281.84	332	3.57
26692 Alta Croft of Spring City, 615..... Owned by Adam Seitz, Waukesha, Wis.	7,876	316.60	372	4.02
26876 Castlemains Betty 4th, 382..... Owned by P. Ryan, Brewster, N. Y.	7,847	280.12	330	3.57
16315 Dorris Y., 96..... Owned by Henry Dorrance, Plain- field, Conn.	7,807	312.80	368	4.01
26887 Imp. Nether Craig White Flower, 626. Owned by P. Ryan, Brewster, N. Y.	7,802	293.43	345	3.76
23149 Winnie Mitchell 2d, 403..... Owned by Henry Dorrance Plain- field, Conn.	7,725	307.04	361	4.11
31689 Imp. Wyllieland Pride, 698... .. Owned by Geo. H. McFadden, Bryn Mawr, Pa.	7,690	300.16	353	3.9
21249 Oshawa's Pride, 182..... Owned by John R. Valentine, Bryn Mawr, Pa.	7,681	318.09	374	4.14
19755 Soncy of Barclay, 186..... Owned by J. W. Clise, Redmond, Wash.	7,680	315.87	372	4.11
21248 Oshawa's Prudence, 181..... Owned by John R. Valentine, Bryn Mawr, Pa.	7,668	313.32	368	4.09
23037 Yarmouth Mayflower 2d, 320..... Owned by J. A. Ness, Auburn, Me.	7,621	331.40	390	4.34
23013 Friskey of Barclay, 277..... Owned by P. Ryan, Brewster, N. Y.	7,588	283.58	334	3.74
27260 Bonnie of Sand Hill, 650..... Owned by S. S. Karr & Son, Almond, N. Y.	7,563	294.96	347	3.9
27309 Whitehill Lily 3d, 492..... Owned by J. W. Ogden, Morris- town, N. J.	7,554	310.84	366	4.12
23781 Fragrance of Elm Valley, 342..... Owned by Friends' Asylum Frank- ford, Pa.	7,550	320.36	378	4.24
24258 Lady Princess, 514..... Owned by Friends' Asylum Frank- ford, Pa.	7,548	269.13	317	3.56

THREE YEAR OLD FORM—*Continued.*

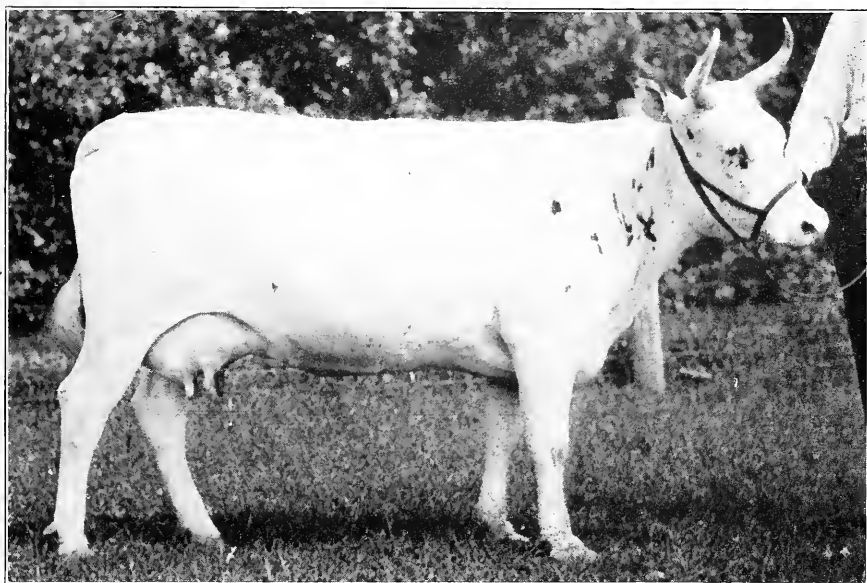
	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
19350 Chatauqua Fairy, 93..... Owned by J. F. Butterfield Co., So. Montrose, Pa.	7,524	305.21	359	4.05
23152 Queen Vashti, 278..... Owned by C. A. Griscom, Haver- ford, Pa.	7,507	280.68	330	3.74
24261 Hazel of Stanley, 361 (2d Entry)... Owned by C. A. Griscom, Haver- ford, Pa.	7,482	296.20	348	3.96
23164 Phoebe of Hillview, 346 (2d Entry). Owned by W. W. Blake Arkcoll, Paoli, Pa.	7,467	305.12	359	4.00
25103 Ithian 4th, 228 (2d Entry)..... Owned by John R. Valentine, Bryn Mawr, Pa.	7,448	294.45	346	3.95
24002 Betty Hamilton, 357..... Owned by Hill Top Farm, Wheel- ing, W. Va.	7,439	302.54	356	4.07
22462 Mysie of Monmouth, 418..... Owned by W. V. Probasco, Cream Ridge, N. J.	7,416	290.00	341	3.92
18824 Orinda, 85 Owned by J. W. Clise, Redmond, Wash.	7,375	281.37	331	3.82
17614 Ponemah 2d, 87..... Owned by Walter D. Turner, More- town, Vt.	7,330	261.02	307	3.56
17360 Rotha of Ridgeside, 95..... Owned by Henry Dorrance, Plain- field, Conn.	7,324	330.86	389	4.52
22765 Crimson Avis, 245..... Owned by Geo. F. Stone, Littleton, Mass.	7,320	261.45	308	3.57
19489 Cora T. 3d, 90..... Owned by S. S. Karr & Son, Almond, N. Y.	7,312	291.58	343	3.99
27541 Imp. Hobslond Ella, 509..... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	7,272	311.63	367	4.29
23382 Wind Crest Girl, 303..... Owned by W. S. Cramton, Rutland, Vt.	7,226	292.41	344	4.04
22257 Clara of Willowmoor, 369..... Owned by J. W. Clise, Redmond, Wash.	7,204	262.95	309	3.65
28261 Imp. Lochfergus Snowflake, 599..... Owned by J. W. Clise, Redmond, Wash.	7,155	271.83	320	3.79
25461 Carimel, 639 Owned by Mich. School for the Deaf, Flint, Mich.	7,134	260.23	306	3.65
23942 Butternut Girl, 393..... Owned By W. S. Cramton, Rutland, Vt.	7,095	278.35	327	3.92

THREE YEAR OLD FORM—Continued.

		Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
19553	Fern T., 392..... Owned by John R. Valentine, Bryn Mawr, Pa.	7,077	236.80	279	3.35
23846	Zolah Bell, 535..... Owned by J. W. Ogden, Morris- town, N. J.	6,988	297.68	350	4.26
26690	Aunt Abby 3d, 569..... Owned by Francis Lynde Stetson, Sterlington, N. Y.	6,946	246.86	290	3.55
25144	Fancy Ayer of Sunnyside, 396..... Owned by C. W. Lewis & Sons, Alfred Station, N. Y.	6,828	295.19	347	4.32
31707	Imp. Carston's Mima, 704..... Owned by John R. Valentine, Bryn Mawr, Pa.	6,780	291.01	342	4.29
18248	Neidpath Lassie 2d, 88..... Owned by John R. Valentine, Bryn Mawr, Pa.	6,746	258.06	304	3.83
28504	Monarch Snowdrop, 445..... Owned by Percival Roberts, Jr., Narberth, Pa.	6,714	272.59	321	4.06
16701	Stillette, 86..... Owned by Connecticut Agr'l Col- lege, Storrs, Conn.	6,707	262.93	309	3.92
27545	Imp. Muirlaught Dandy, 489..... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	6,625	288.51	339	4.36
18689	White Bess of Radnor, 84..... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	6,594	263.20	310	3.99

TWO YEAR OLD FORM.

Requirements 6,000 lbs. of Milk and 214.3 lbs. of Butter Fat.



WHITE LILLY OF SOUTH FARM.

		Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
27706	White Lilly of South Farm, 587....	12,022	503.88	593	4.19
	Owned by John Sherwin, Wil- loughby, Ohio.				
29558	Addington Queen 3d, 655.....	11,223	441.56	520	3.93
	Owned by Hill Top Farm, Wheel- ing, W. Va.				
24720	Hazel of Sand Hill, 235.....	11,078	627.13	738	5.66
	Owned by S. S. Karr & Son, Almond, N. Y.				
25297	Polly Puss 2d, 354.....	11,060	461.33	543	4.17
	Owned by John R. Valentine, Bryn Mawr, Pa.				
26039	Kaziah of Highland, 307.....	10,970	425.47	501	3.88
	Owned by John R. Valentine, Bryn Mawr, Pa.				
26585	Finlayston's Ithan. 350.....	10,910	494.91	582	4.53
	Owned by John R. Valentine, Bryn Mawr, Pa.				
29559	Daisy Lass, 681.....	10,773	469.19	552	4.35
	Owned by Hill Top Farm, Wheel- ing, W. Va.				

TWO YEAR OLD FORM—Continued.

		Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
27711	Rebekah of South Farm, 586..... Owned by John Sherwin, Wil- loughby, Ohio.	10,451	404.01	475	3.87
31720	Imp. Lessnessock Miss Loudoun, 637. Owned by John R. Valentine, Bryn Mawr, Pa.	10,450	420.25	494	4.02
26582	Ithan 5th, 355..... Owned by John R. Valentine, Bryn Mawr, Pa.	10,398	436.95	514	4.2
27977	Imp. Trixie of Torr, 500..... Owned by John R. Valentine, Bryn Mawr, Pa.	10,157	392.76	462	3.86
26091	Nenabel, 634 Owned by Friends' Asylum Frank- ford, Pa.	10,119	415.91	489	4.11
25748	Canary Bell, 474..... Owned by Kansas State Agr'l. Col- lege, Manhattan, Kan.	10,092	371.81	437	3.68
26088	Cowslip of Maple Ridge, 476..... Owned by Friends' Asylum Frank- ford, Pa.	10,081	373.07	439	3.7
28061	Flora of Hillview, 465..... Owned by Hart Wallace, Shelby ville, Ky.	10,046	416.42	490	4.14
25739	Mosshawk of Hillview, 464..... Owned by Hart Wallace Shelby- ville, Ky.	10,032	392.89	462	3.92
28506	McAlister's Betty 2d, 584..... Owned by Percival Roberts, Jr., Narberth, Pa.	10,021	404.42	476	4.03
26694	Sir Croft's Queen of Spring City, 616. Owned by Adam Seitz, Waukesha, Wis.	10,009	361.53	425	3.61
26584	Finlayston's Firefly, 375..... Owned by John R. Valentine, Bryn Mawr, Pa.	9,933	421.54	496	4.25
27548	Imp. Hobsland Miss Pan, 506..... Owned by P. Ryan, Brewster, N. Y.	9,914	334.87	394	3.38
30574	Imp. Lessnessock Nell, 661..... Owned by P. Ryan, Brewster, N. Y.	9,823	375.70	442	3.83
25843	Maggie of Hillview, 560..... Owned by Hart Wallace Shelby- ville, Ky.	9,816	371.57	438	3.79
23997	Madonna Lass 4th, 234..... Owned by Hill Top Farm, Wheel- ing, W. Va.	9,786	428.77	504	4.39
27715	Bessie Bell of South Farm 591.... Owned by John Sherwin, Wil- loughby, Ohio.	9,763	394.78	464	4.04
27717	Snow Drop of South Farm, 678..... Owned by John Sherwin, Wil- loughby, Ohio.	9,706	460.40	542	4.74
21849	Baby Douglas, 71..... Owned by Hill Top Farm, Wheel- ing, W. Va.	9,652	376.54	443	3.9



HIGHLAND FARM AYRSHIRES
Bryn Mawr, Pa.

TWO YEAR OLD FORM—*Continued.*

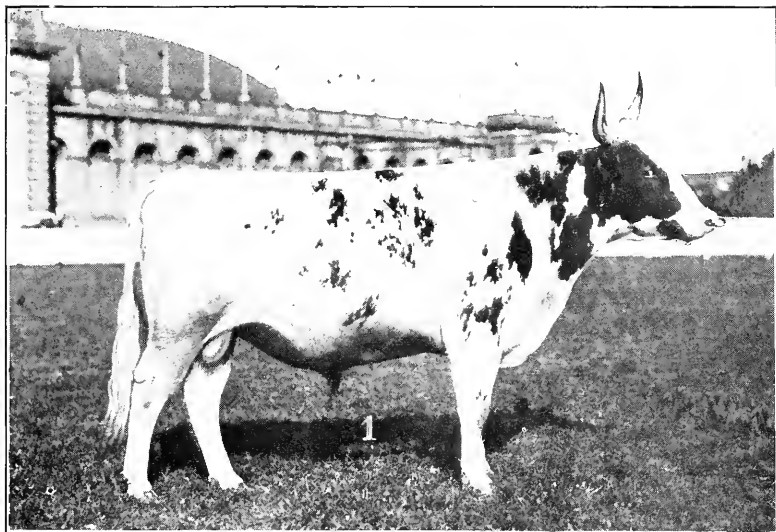
	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
25293 Finlayston's Fern, 238..... Owned by John R. Valentine, Bryn Mawr, Pa.	9,615	378.65	446	3.94
24282 Willowmoor Bonnie Lass, 305..... Owned by J. W. Clise, Redmond, Wash.	9,488	326.94	385	3.45
19748 Queen 2d, of Barclay, 58..... Owned by J. W. Clise, Redmond, Wash.	9,486	364.59	429	3.84
24717 Blanche of Sand Hill, 324..... Owned by S. S. Karr & Son, Almond, N. Y.	9,435	389.37	458	4.13
26309 Lucy's Maid, 665..... Owned by Friends' Asylum Frank- ford, Pa.	9,434	365.60	430	3.88
21695 Mabelle of Highland, 232..... Owned by John R. Valentine, Bryn Mawr, Pa.	9,422	356.79	420	3.77
29193 Lucy Hebron, 659..... Owned by M. J. Karr & Son, Almond, N. Y.	9,392	368.22	454	4.11
27178 Sweet Marie of Woodside, 666..... Owned by H. W. Pardey, Segregan- set, Mass.	9,323	404.33	476	4.34
26014 Megsy Tipperlin 3d. 331..... Owned by John R. Valentine, Bryn Mawr, Pa.	9,312	345.12	406	3.7
24673 Nether Craig Spicy Queen, 240..... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	9,267	441.75	520	4.77
22269 Lily of Willowmoor, 299..... Owned by J. W. Clise, Redmond, Wash.	9,211	349.02	411	3.79
26993 Daisy Verbank 2d, 282..... Owned by Hill Top Farm, Wheel- ing, W. Va.	9,196	341.81	402	3.72
21337 Gazelle Melrose, 168..... Owned by W. V. Probasco, Cream Ridge, N. J.	9,194	355.69	419	3.85
24265 Eugenie S. 2d, 515..... Owned by Friends' Asylum Frank- ford, Pa.	9,177	347.27	409	3.78
25343 Willowmoor Mayflower, 598..... Owned by J. W. Clise, Redmond, Wash.	9,115	326.79	384	3.59
24370 Skylands Maid, 363..... Owned by Francis Lynde Stetson, Sterlington, N. Y.	9,108	348.60	410	3.83
24849 White Pride, 430..... Owned by J. W. Clise, Redmond, Wash.	9,077	347.02	408	3.82
23019 Molly of Bell Farm, 236..... Owned by Chas. J. Bell, Hollis, N. H.	9,038	327.98	386	3.63

TWO YEAR OLD FORM—Continued.

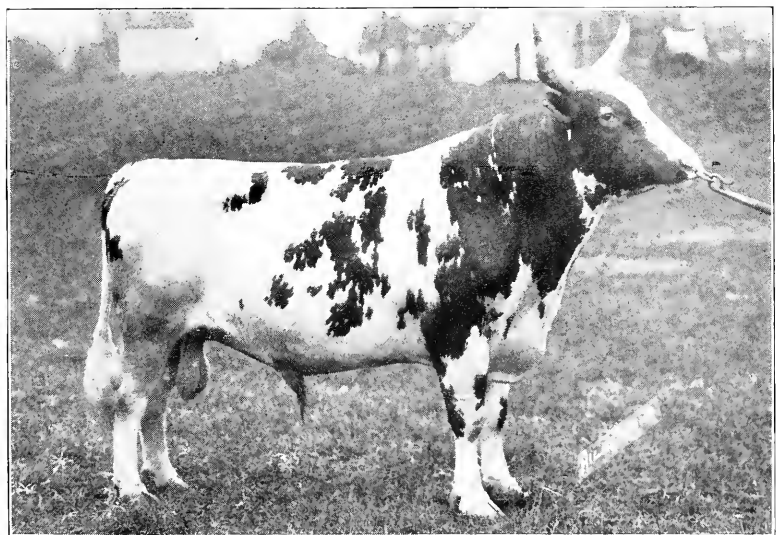
	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
25740 Lucy of Hillview, 466..... Owned by Hart Wallace, Shelby- ville, Ky.	8,889	356.06	419	4.01
17904 Bessie of Rosemont, 44..... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	8,835	371.47	437	4.22
26292 Elizabeth of Juneau, 523..... Owned by Kansas State Agr'l. Col- lege Manhattan, Kan.	8,828	307.52	362	3.48
28262 Netherhall Brownie 18th, 496..... Owned by J. W. Clise, Redmond, Wash.	8,826	361.75	426	4.1
21259 Bell Ayer 2d, 237..... Owned by John R. Valentine, Bryn Mawr, Pa.	8,819	402.64	474	4.57
32049 Maple Grove Janet, 712..... Owned by J. A. Ness Auburn, Me.	8,818	325.27	383	3.69
26160 Lucy Air, 564..... Owned by Friend's Asylum, Frank- ford, Pa.	8,769	355.35	418	4.05
21754 Felicia of Highland, 176..... Owned by John R. Valentine, Bryn Mawr, Pa.	8,767	344.27	405	3.93
22474 Grace of Sand Hill, 59..... Owned by S. S. Karr & Son, Almond, N. Y.	8,698	343.37	404	3.95
25435 Mayblossom of Maple Grove, 714.... Owned by J. A. Ness Auburn, Me.	8,677	342.60	403	3.95
21852 Douglas Cordelia, 79..... Owned by Hill Top Farm, Wheel- ing, W. Va.	8,649	298.36	351	3.45
17892 Letta Lind of Radnor, 81..... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	8,602	382.43	450	4.4
28315 Precilla Statesman, 629..... Owned by John H. Baker, East Aurora, N. Y.	8,594	360.88	425	4.2
23705 Miss Luna's Leap Year Belle, 504.... Owned by P. Ryan, Brewster, N. Y.	8,585	338.56	398	3.94
26992 Addington Queen 2d, 281..... Owned by Hill Top Farm, Wheel- ing, W. Va.	8,574	328.43	386	3.83
25103 Ithan 4th, 228..... Owned by John R. Valentine, Bryn Mawr, Pa.	8,563	330.81	389	3.86
25088 Statesman's Hilda, 482..... Owned by H. C. Groome, Warren- ton, Va.	8,549	403.46	475	4.72
17893 Clotilde of Rosemont, 70..... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	8,548	322.38	379	3.77
20368 Beulah M., 169..... Owned by S. S. Karr & Son, Almond, N. Y.	8,516	356.51	419	4.19

TWO YEAR OLD FORM—Continued.

		Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
24312	Cornelia Jerome, 491..... Owned by A. F. Spooner, Richville, N. Y.	8,510	342.44	403	4.02
18696	Snowlight of Radnor, 73..... Owned by J. W. Clise, Redmond, Wash.	8,505	347.62	409	4.09
23548	McAlister's Betty, 223..... Owned by Percival Roberts, Jr., Narberth, Pa.	8,492	356.29	419	4.20
31708	Imp. Picken's Dainty 2d, 702..... Owned by John R. Valentine, Bryn Mawr, Pa.	8,444	383.15	451	4.54
28062	Garland of Hillview, 467..... Owned by Hart Wallace, Shelby- ville, Ky.	8,434	350.18	412	4.15
26089	Lenabel, 614..... Owned by Friends' Asylum, Frank- ford, Pa.	8,417	323.14	380	3.84
27266	Maggie of Sand Hill, 440..... Owned by S. S. Karr & Son, Almond, N. Y.	8,388	377.57	444	4.5
20880	Mina 3d, of Radnor, 163..... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	8,349	382.04	449	4.58
25665	King's Mayflower, 551..... Owned by A. F. Spooner, Richville, N. Y.	8,346	373.83	439	4.48
24481	Lenetta Barcheskie, 505..... Owned by P. Ryan, Brewster, N. Y.	8,346	270.16	318	3.24
25743	Floe of Hillview, 563..... Owned by Hart Wallace, Shelby- ville, Ky.	8,328	337.88	398	4.06
26157	May Hebron 2d, 308..... Owned by M. J. Karr & Son, Almond, N. Y.	8,312	312.63	368	3.76
19756	White Lola, 75..... Owned by J. W. Clise, Redmond, Wash.	8,282	296.14	349	3.58
23021	Madge of Bell Farm, 318..... Owned by Chas. J. Bell, Hollis, N. H.	8,229	317.61	374	3.86
23323	Matie of Sand Hill, 164..... Owned by S. S. Karr & Son, Almond, N. Y.	8,212	349.56	411	4.26
16700	Floe, 23..... Owned by W. V. Probasco, Cream Ridge, N. J.	8,201	346.90	408	4.23
19754	Bonnie 2d of Radnor, 41..... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	8,184	339.55	399	4.15
25992	Willowmoor Cherry, 648..... Owned by J. W. Clise, Redmond, Wash.	8,165	346.85	408	4.25
27313	Howie's Rosalie, 577..... Owned by J. W. Ogden, Morris- town, N. J.	8,163	292.24	344	3.59



HILLHOUSE BONNIE SCOTLAND
Owned by Joseph Saladino, Orford, N. H.



BEUCHAN PETER PAN
Owned by J. W. Clise, Redmond, Wash.

TWO YEAR OLD FORM—Continued.

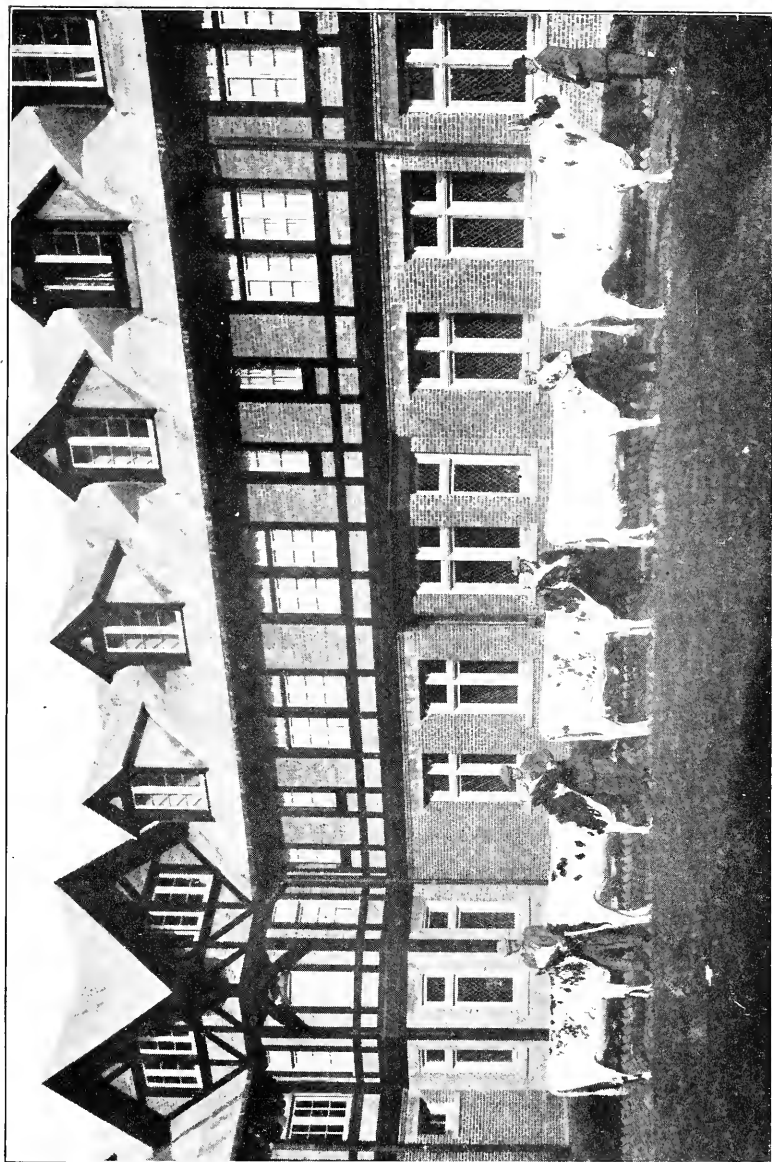
		Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
27265	Ida of Sand Hill, 674..... Owned by S. S. Karr & Son, Almond, N. Y.	8,117	358.06	421	4.42
26101	Sunnyside Nora 2d, 413..... Owned by J. W. Ogden, Morris- town, N. J.	8,104	327.48	385	4.04
25552	Carrie's Sunbeam, 458..... Owned by Friends' Asylum, Frank- ford, Pa.	8,068	322.35	379	4.
26159	Pansy Earl, 283..... Owned by M. J. Karr & Son, Almond, N. Y.	8,060	359.48	425	4.46
26182	Maggie of Hillcroft, 585..... Owned by Matthew Hamrah, Browns- ville, Vt.	8,058	333.85	393	4.14
18687	Francis of Barclay, 57..... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	8,047	345.64	407	4.3
24922	Lady Earl, 284..... Owned by Friends' Asylum, Frank- ford, Pa.	8,034	353.69	416	4.4
25148	Flossy J., 389..... Owned by Friends' Asylum, Frank- ford, Pa.	8,030	298.65	351	3.72
23996	Maud Douglas, 239..... Owned by Hill Top Farm, Wheel- ing, W. Va.	8,011	278.20	327	3.47
27035	Pink Ayer of Sunnyside, 522..... Owned by C. W. Lewis & Sons, Alfred Station, N. Y.	7,996	276.25	325	3.45
21694	Eunie of Highland, 172..... Owned by John R. Valentine, Bryn Mawr, Pa.	7,988	349.64	411	4.38
21109	Crimson Rambler, 61..... Owned by Geo. F. Stone, Littleton, Mass.	7,988	277.56	327	3.47
28574	Mina H., 471..... Owned by J. A. Ness, Auburn, Me.	7,981	279.98	329	3.51
30590	Imp. Auchencloigh Bloomer, 632.... Owned by G. B. Schley, Far Hills, N. J.	7,968	306.64	361	3.85
27311	Cowie's Dandy Jean, 480..... Owned by J. W. Ogden, Morris- town, N. J.	7,963	347.70	409	4.37
23871	Chapelhill Bully, 162..... Owned by J. W. Clise, Redmond, Wash.	7,962	299.13	352	3.76
23929	Fleet Fizzaway, 341..... Owned by J. F. Converse, Wood- ville, N. Y.	7,927	313.50	369	3.96
20613	Queen of Seattle, 65..... Owned by J. W. Clise, Redmond, Wash.	7,896	318.12	374	4.03
20366	Isabella of Sand Hill, 50..... Owned by S. S. Karr & Son, Almond, N. Y.	7,887	323.15	380	4.09

TWO YEAR OLD FORM—Continued.

	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
24833 Douglas Daisy Queen, 161..... Owned by Hill Top Farm, Wheel- ing, W. Va.	7,886	279.42	329	3.54
24709 White Rose Barcheskie, 503..... Owned by P. Ryan, Brewster, N. Y.	7,859	314.43	370	4.
20902 Dorinda, 167..... Owned by Henry Dorrance, Plain- field, Conn.	7,855	302.77	356	3.85
27554 Imp. Oldhall Ladysmith 7th, 592... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	7,839	355.78	419	4.54
31397 Janette of Sand Hill, 673..... Owned by S. S. Karr & Son, Almond, N. Y.	7,830	295.32	347	3.77
21250 Princess of Highland 2d, 77..... Owned by John R. Valentine, Bryn Mawr, Pa.	7,795	316.96	373	4.07
23551 Lady Quality, 225..... Owned by Percival Roberts Jr., Narberth, Pa.	7,792	319.11	375	4.1
20511 Rose Eaton, 80..... Owned by C. M. Winslow, Brandon, Vt.	7,783	277.98	327	3.57
18690 Lilac of Radnor, 43..... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	7,778	305.30	359	3.92
17430 Petrina of Woodview, 22..... Owned by W. V. Probasco, Cream Ridge, N. J.	7,776	344.78	406	4.44
27763 First Quarter, 510..... Owned by A. B. McConnell & Sons, Wellington, Ohio.	7,763	350.78	413	4.52
27704 Ros-Mhor Lady Lula, 627..... Owned by P. Ryan, Brewster, N. Y.	7,763	339.82	400	4.38
26016 Monarch's White Lily, 400..... Owned by Ashley Farm, Media, Pa.	7,749	339.98	400	4.39
26447 Pride of Wind Crest Farm, 449..... Owned by W. S. Cramton, No. Clarendon, Vt.	7,749	289.72	341	3.74
25432 Butter Cup of Bryn Mawr, 662..... Owned by P. Ryan, Brewster, N. Y.	7,746	324.44	382	4.19
30579 Imp. Lessnessock Narcissus, 596..... Owned by John Sherwin, Wil- loughby, Ohio.	7,731	339.48	400	4.39
27208 Madonna's Dandy, 214..... Owned by P. Ryan, Brewster, N. Y.	7,721	305.21	359	3.95
27176 Primrose of Hillcroft, 653..... Owned by Matthew Hannah, Browns- ville, Vt.	7,716	319.21	376	4.14
22473 Ruth of Sand Hill, 69..... Owned by S. S. Karr & Son, Almond, N. Y.	7,699	309.29	364	4.02
26290 Johannah of Juneau, 473..... Owned by Kansas State Agr'l. Col- lege, Manhattan, Kan.	7,687	291.77	343	3.79

TWO YEAR OLD FORM—Continued.

		Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
23774	Bell of Hill View, 348..... Owned by A. B. McConnell & Sons, Wellington, Ohio.	7,678	318.26	374	4.14
29401	Skylands Mary, 602..... Owned by Francis Lynde Stetson, Sterlington, N. Y.	7,625	299.26	352	3.93
23322	Dora of Sand Hill, 166..... Owned by S. S. Karr & Son, Almond, N. Y.	7,622	312.89	368	4.1
25492	Mahoning Bell, 423..... Owned by Hill Top Farm, Wheel- ing, W. Va.	7,617	307.40	362	4.04
23927	Princess Fizzaway, 417..... Owned by J. F. Converse, Wood- ville, N. Y.	7,602	296.40	349	3.90
26990	Douglas Baby, 356..... Owned by Hill Top Farm, Wheel- ing, W. Va.	7,599	314.22	370	4.14
27867	Menie Finlayston Keepsake, 682.... Owned by A. F. Spooner, Richville, N. Y.	7,585	317.55	374	4.18
17900	Buttercup of Rosemont, 55..... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	7,584	304.38	358	4.01
15364	Lizzie Muriel, 20..... Owned by C. M. Winslow, Brandon, Vt.	7,583	288.98	340	3.81
27903	Viola Lind, 469..... Owned by Hill Top Farm, Wheel- ing, W. Va.	7,546	303.37	357	4.02
27180	Beauty of Woodside, 667..... Owned by H. W. Pardey, Segregan- set, Mass.	7,543	326.22	384	4.32
27315	Grange Firefly, 578..... Owned by J. W. Ogden, Morris- town, N. J.	7,535	303.79	357	4.03
25985	Willowmoor Rare Beauty, 643..... Owned by J. W. Clise, Redmond, Wash.	7,506	316.88	372	4.22
26155	Marigold, T., 332..... Owned by S. S. Karr & Son, Almond, N. Y.	7,503	331.89	390	4.42
19615	Myrtle K., 49..... Owned by Walter D. Turner, More- town, Vt.	7,497	250.10	294	3.34
27342	Imp. Straith Lady Laurie, 553..... Owned by Cornell University, Ithaca, N. Y.	7,454	296.55	349	3.98
24581	Crimson Miss, 285..... Owned by George F. Stone, Little- ton, Mass.	7,440	313.60	369	4.21
27338	Imp. Foulton Primrose, 554..... Owned by H. W. Pardey, Segregan- set, Mass.	7,439	315.42	371	4.24



FIRST PRIZE HERD AT THE NATIONAL DAIRY SHOW, 1912
Owned by Adam Seitz, Waukesha, Wis.

TWO YEAR OLD FORM—Continued.

		Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
26941	Soon, 429	7,434	303.80	357	4.09
	Owned by W. V. Probasco, Cream Ridge, N. J.				
24178	Eva of Spring Hill 2d, 304.....	7,415	328.49	386	4.43
	Owned by C. A. Griscom, Haverford, Pa.				
13688	Rose Dolman, 21.....	7,409	270.65	318	3.65
	Owned by C. M. Winslow, Brandon, Vt.				
27970	Tilly Tibbie of Torr, 468.....	7,390	275.77	324	3.73
	Owned by John R. Valentine, Bryn Mawr, Pa.				
21763	Jerusha of Bell Farm, 173.....	7,380	280.33	330	3.66
	Owned by Chas. J. Bell, Hollis, N. H.				
25398	Willowmoor Happy Girl, 427.....	7,371	301.68	355	4.09
	Owned by J. W. Clise, Redmond, Wash.				
21246	Kittie K., 3d, 68.....	7,364	329.18	387	4.47
	Owned by John R. Valentine, Bryn Mawr, Pa.				
24261	Hazel of Stanley, 361.....	7,337	290.45	342	3.96
	Owned by C. A. Griscom, Haverford, Pa.				
25554	Elsie D. Star, 621.....	7,321	291.08	342	3.98
	Owned by C. A. Griscom, Haverford, Pa.				
23164	Phoebe of Hillview, 346.....	7,311	307.49	361	4.2
	Owned by W. W. Blake Arkeoll, Paoli, Pa.				
20365	Bessie of Sand Hill, 52.....	7,307	321.97	379	4.41
	Owned by S. S. Karr & Son, Almond, N. Y.				
23931	Enid Fizzaway, 411.....	7,304	305.77	360	4.19
	Owned by J. F. Converse, Woodville, N. Y.				
29800	Jewess Baby, 699.....	7,299	295.18	347	4.04
	Owned by Hill Top Farm, Wheeling, W. Va.				
27262	Emma Clyde, 499.....	7,280	334.71	394	4.6
	Owned by S. S. Karr & Son, Almond, N. Y.				
30819	Melba, 696	7,222	295.91	348	4.1
	Owned by F. B. Catlin, Winooski, Vt.				
22134	Lilac 3d, of Radnor, 219.....	7,220	337.37	397	4.7
	Owned by Geo. H. McFadden, Bryn Mawr, Pa.				
24467	Princess C. 2d, 561.....	7,218	280.52	330	3.89
	Owned by Hart Wallace, Shelbyville, Ky.				
24721	Eliza T., 326.....	7,216	317.36	373	4.4
	Owned by S. S. Karr & Son, Almond, N. Y.				

TWO YEAR OLD FORM—*Continued.*

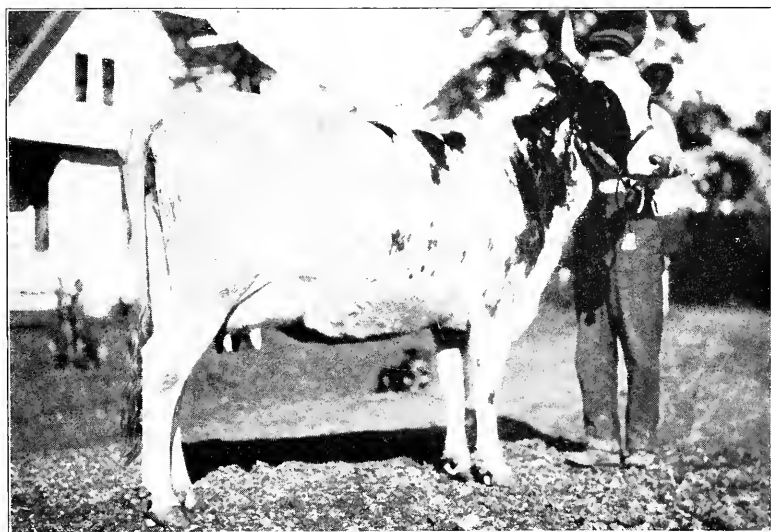
	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
20901 Hilda Fryer, 171..... Owned by Henry Dorrance, Plain- field, Conn.	7,202	272.52	321	3.78
18262 Myrtle Kilbowie, 60..... Owned by C. M. Winslow, Brandon, Vt.	7,199	280.81	330	3.9
27177 Janie of Woodside, 675..... Owned by H. W. Pardey, Segregan- set, Mass.	7,180	295.60	348	4.12
30229 Grace T., 649..... Owned by S. S. Karr & Son, Almond, N. Y.	7,179	291.31	343	4.06
28055 Daisy Hebron of Almond, 488..... Owned by M. J. Karr & Son, Almond, N. Y.	7,178	308.49	363	4.29
18256 Sibyl Corslet, 47..... Owned by C. M. Winslow, Brandon, Vt.	7,170	271.60	320	3.78
31396 Hazel's Creamer, 652..... Owned by S. S. Karr & Son, Almond, N. Y.	7,154	341.52	402	4.77
28510 Monarch's Flossie, 724..... Owned by Percival Roberts, Jr., Narberth, Pa.	7,143	293.54	345	4.11
17432 Megsy Tipperlin, 76..... Owned by W. V. Probasco, Cream Ridge, N. J.	7,117	272.50	321	3.83
15029 Rose Brodick, 26..... Owned by C. M. Winslow, Brandon, Vt.	7,117	266.76	314	3.74
27256 Anna T., 439..... Owned by S. S. Karr & Son, Almond, N. Y.	7,114	319.37	376	4.49
27499 Imp. Hobsland Tumplie, 3d, 625.... Owned by P. Ryan, Brewster, N. Y.	7,114	288.92	340	4.06
25058 Jane of Hilleroft, 654..... Owned by Matthew Hannah, Browns- ville, Vt.	7,113	296.97	349	4.17
20180 Bell Ayer, 56..... Owned by John R. Valentine, Bryn Mawr, Pa.	7,111	309.71	364	4.36
27418 Lena Brown, 529..... Owned by A. F. Spooner, Richville, N. Y.	7,106	280.19	330	3.94
26090 Vidabel, 613..... Owned by Friends' Asylum, Frank- ford, Pa.	7,105	307.95	362	4.33
20182 Starlass, 175..... Owned by John R. Valentine, Bryn Mawr, Pa.	7,095	268.08	315	3.78
22763 Crimson Maid, 160..... Owned by Geo. F. Stone, Littleton, Mass.	7,090	290.48	342	4.1
23018 Maria of Bell Farm, 229..... Owned by Chas. J. Bell, Hollis, N. H.	7,088	257.36	303	3.63

TWO YEAR OLD FORM—Continued.

		Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
27036	Beauty Armour of Sunnyside, 521... Owned by C. W. Lewis & Sons, Alfred Station, N. Y.	7,082	266.45	313	3.76
18249	Oshawa Lady 2d, 78..... Owned by John R. Valentine, Bryn Mawr, Pa.	7,074	298.67	351	4.22
26480	June Lassie, 409..... Owned by Hill Top Farm, Wheel- ing, W. Va.	7,067	282.59	332	4.
31714	Lessnessock Auricula, 609..... Owned by John R. Valentine, Bryn Mawr, Pa.	7,066	303.76	357	4.3
27316	Hindward Pretty Nancy, 580..... Owned by J. W. Ogden, Morris- town, N. J.	7,064	256.69	302	3.63
26580	Kate of Stockwood, 640..... Owned by Mich. School for the Deaf, Flint, Mich.	7,061	302.69	356	4.29
24281	Willowmoor Marjory Douglas, 286... Owned by J. W. Clise, Redmond, Wash.	7,061	244.58	288	3.46
17431	Felicia of Woodview, 64..... Owned by W. V. Probasco, Cream Ridge, N. J.	7,048	279.46	329	3.97
26491	Hattie of Wind Crest, 397..... Owned by W. S. Cramton, Rutland, Vt.	7,029	262.74	309	3.74
28502	Flossie of Penshurst, 443..... Owned by Percival Roberts, Jr., Narberth, Pa.	7,016	269.37	317	3.84
31399	Princess Clyde of Almond, 651..... Owned by S. S. Karr & Son, Almond, N. Y.	6,968	267.66	315	3.84
27902	Queen Beekey, 508..... Owned by Hill Top Farm, Wheel- ing, W. Va.	6,964	292.01	344	4.2
28503	Wee Jenny's Beauty, 446..... Owned by Percival Roberts, Jr., Narberth, Pa.	6,963	283.23	333	4.07
25336	Willowmoor Dandy, 597..... Owned by J. W. Clise, Redmond, Wash.	6,953	249.89	294	3.59
27458	Miranda of B. F., 669..... Owned by Cbas. J. Bell, Hollis, N. H.	6,931	265.62	312	3.83
21247	Rena Ayer, 72..... Owned by John R. Valentine, Bryn Mawr, Pa.	6,929	306.72	361	4.42
20876	Spotted Lola, 165..... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	6,924	289.18	340	4.18
24007	Daisy Jewess 4th, 227..... Owned by Hill Top Farm, Wheel- ing, W. Va.	6,923	244.85	288	3.54



EARL'S CHOICE OF SPRING HILL
Owned by S. S. Karr & Son, Almond, N. Y.



HINDSWARD PRETTY NANCY
Owned by J. W. Ogden, Morristown, N. J.
Record: 7,064 lbs. milk, 256.69 lbs. fat, 302 lbs. butter, 3.63% fat

TWO YEAR OLD FORM—Continued.

	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
29192 Fannie Earl, 610..... Owned by M. J. Karr & Son, Almond, N. Y.	6,913	272.77	321	3.95
26943 Marcia Ayer, 452..... Owned by W. V. Probasco, Cream Ridge, N. J.	6,912	283.8	334	4.11
24821 Magnolia B., 327..... Owned by Chas J. Bell, Hollis, N. H.	6,901	245.33	289	3.55
18695 May Rose of Radnor, 39..... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	6,898	288.86	340	4.14
26377 Rob's Buttercup, 671..... Owned by Good Hold Farm, Men- tor, Ohio.	6,891	284.36	335	4.13
25369 Melba of Bell Farm..... Owned by Chas. J. Bell, Hollis, N. H.	6,874	241.60	284	3.52
24789 Mattie Avondale, 481..... Owned by Francis Lynde Stetson, Sterlington, N. Y.	6,866	237.77	280	3.46
24264 Daisy Belle, 402..... Owned by C. A. Griscom, Haver- ford, Pa.	6,859	289.77	341	4.22
29121 Winnie K. 2d, 412..... Owned by W. V. Probasco, Cream Ridge, N. J.	6,848	310.42	365	4.54
25549 Betty of Hillview, 391..... Owned by P. Ryan, Brewster, N. Y.	6,842	293.65	345	4.29
22128 Francis 2d, of Barclay, 230..... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	6,819	269.54	317	3.95
26940 Queen Aileen, 456..... Owned by W. V. Probasco, Cream Ridge, N. J.	6,784	281.29	331	4.15
24881 Burnside Nora 3d, 287..... Owned by J. W. Clise, Redmond, Wash.	6,784	273.73	322	4.04
25994 Willowmoor Nora, 647..... Owned by J. W. Clise, Redmond, Wash.	6,775	251.25	296	3.71
24719 Mable of Sand Hill, 218..... Owned by S. S. Karr & Son, Almond, N. Y.	6,765	247.66	323	4.06
15242 Katy Did, 19..... Owned by W. V. Probasco, Cream Ridge, N. J.	6,760	280.44	330	4.15
19936 Ruby Russell 3d, 66..... Owned by Henry Dorrance, Plain- field, Conn.	6,760	246.17	290	3.63
26047 Little Bell of Sunnyside, 340..... Owned by C. W. Lewis & Son, Alfred Station, N. Y.	6,759	277.28	326	4.1
24286 Willowmoor Princess Lily, 426..... Owned by J. W. Clise, Redmond, Wash.	6,759	253.64	298	3.74

TWO YEAR OLD FORM—*Continued.*

	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
25759 Emblem's Pure Gold, 539..... Owned by Chas. J. Bell, Hollis, N. H.	6,751	231.92	273	3.43
17505 Miss Kilbowie, 31..... Owned by C. M. Winslow, Brandon, Vt.	6,751	238.31	280	3.53
27011 Lessnessock Mand, 605..... Owned by J. W. Ogden, Morris- town, N. J.	6,745	249.01	293	3.69
26156 Cora T. 7th, 333..... Owned by S. S. Karr & Son, Almond, N. Y.	6,734	299.59	352	4.46
27312 Howie's Duchess, 576..... Owned by J. W. Ogden, Morris- town, N. J.	6,704	283.89	334	4.23
24284 Willowmoor White Beauty, 288..... Owned by J. W. Clise, Redmond, Wash.	6,699	246.60	290	3.68
15036 Muriel Fox, 28. Owned by C. M. Winslow, Brandon, Vt.	6,685	263.86	310	3.94
24005 Douglas Daisy 2d, 222..... Owned by Hill Top Farm, Wheel- ing, W. Va.	6,661	261.03	307	3.92
28244 Rosamond Douglas, 658..... Owned by A. F. Spooner, Riehville, N. Y.	6,646	293.97	346	4.42
17453 Pearl Douglas, 54..... Owned by Howard Cook, Beloit, Ohio.	6,606	271.72	320	4.11
24716 Cora T. 6th, 221..... Owned by S. S. Karr & Son, Almond, N. Y.	6,602	276.80	326	4.19
20883 Mosshawk 2d of Hindsward, 233... Owned by Percival Roberts, Jr., Narberth, Pa.	6,595	287.78	339	4.36
26154 Dew Blossom, 366..... Owned by M. J. Karr & Son, Almond, N. Y.	6,594	287.78	339	4.36
24257 Bertha's Dewdrop Owned by C. A. Griseom, Haver- ford, Pa.	6,573	270.15	318	4.11
23542 Royal Lily, 231..... Owned by Percival Roberts, Jr., Narberth, Pa.	6,568	291.15	343	4.43
21254 Colonel's Daughter, 174..... Owned by John R. Valentine, Bryn Mawr, Pa.	6,565	255.64	301	3.9
23545 Speckled Beauty, 226..... Owned by Percival Roberts, Jr., Narberth, Pa.	6,564	261.04	307	3.98
17511 Rose Claymore, 53..... Owned by C. M. Winslow, Brandon, Vt.	6,542	268.52	316	4.1

TWO YEAR OLD FORM—Continued.

		Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
23321	Cora T 5th, 170..... Owned by S. S. Karr & Son, Almond, N. Y.	6,530	271.79	320	4.16
20614	Mayflower of Seattle, 62..... Owned by J. W. Clise, Redmond, Wash.	6,496	250.01	294	3.85
25517	Spot of Beech Hill..... Owned by Chas. J. Bell, Hollis, N. H.	6,494	248.21	292	3.82
17094	Dolly Fryer, 2d, 67..... Owned by Henry Dorrance, Plain- field, Conn.	6,485	256.16	301	3.95
26235	Columbia Douglas Majestic, 518.... Owned by Missouri Agr'l. College, Columbia, Mo.	6,447	245.77	289	3.81
27361	Fizzaway Kate, 483..... Owned by J. F. Converse, Wood- ville, N. Y.	6,432	277.78	327	4.32
22132	Maggie Finlayston, 235..... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	6,427	274.04	322	4.26
22924	Columbia Fizzaway, 224..... Owned by Missouri Agr'l. College, Columbia, Mo.	6,419	263.04	309	4.1
24280	Willowmoor White Lola, 289..... Owned by J. W. Clise, Redmond, Wash.	6,355	24.094	287	3.84
19753	Ruth 2d of Barelay, 46..... Owned by Geo. H. McFadden, Bryn Mawr, Pa.	6,338	299.30	352	4.72
16672	Ruby Douglas, 29..... Owned by Howard Cook, Beloit, Ohio.	6,321	251.75	296	3.98
27336	Imp. Horrie's Flora Maedonald, 590. Owned by John Sherwin, Wil- loughby, Ohio.	6,320	271.55	319	4.3
26922	Kate Lewis, 478..... Owned by Chas. J. Bell, Hollis, N. H.	6,295	235.95	278	3.75
27459	Mecca of B. F., 670..... Owned by Chas. J. Bell, Hollis, N. H.	6,287	238.74	281	3.8
20179	Oshawa Lass of Highland 2d, 74.... Owned by John R. Valentine, Bryn Mawr, Pa.	6,281	263.51	310	4.18
26018	Sterling Lady, 401..... Owned by Ashley Farm, Media, Pa.	6,259	266.16	313	4.25
26921	Catherine, 479..... Owned by Chas. J. Bell, Hollis, N. H.	6,256	248.50	292	3.97
18255	Rose Aileen, 51..... Owned by C. M. Winslow, Brandon, Vt.	6,256	216.49	255	3.46
28056	Mary Hebron, 451..... Owned by M. J. Karr & Son, Almond, N. Y.	6,222	236.00	278	3.8

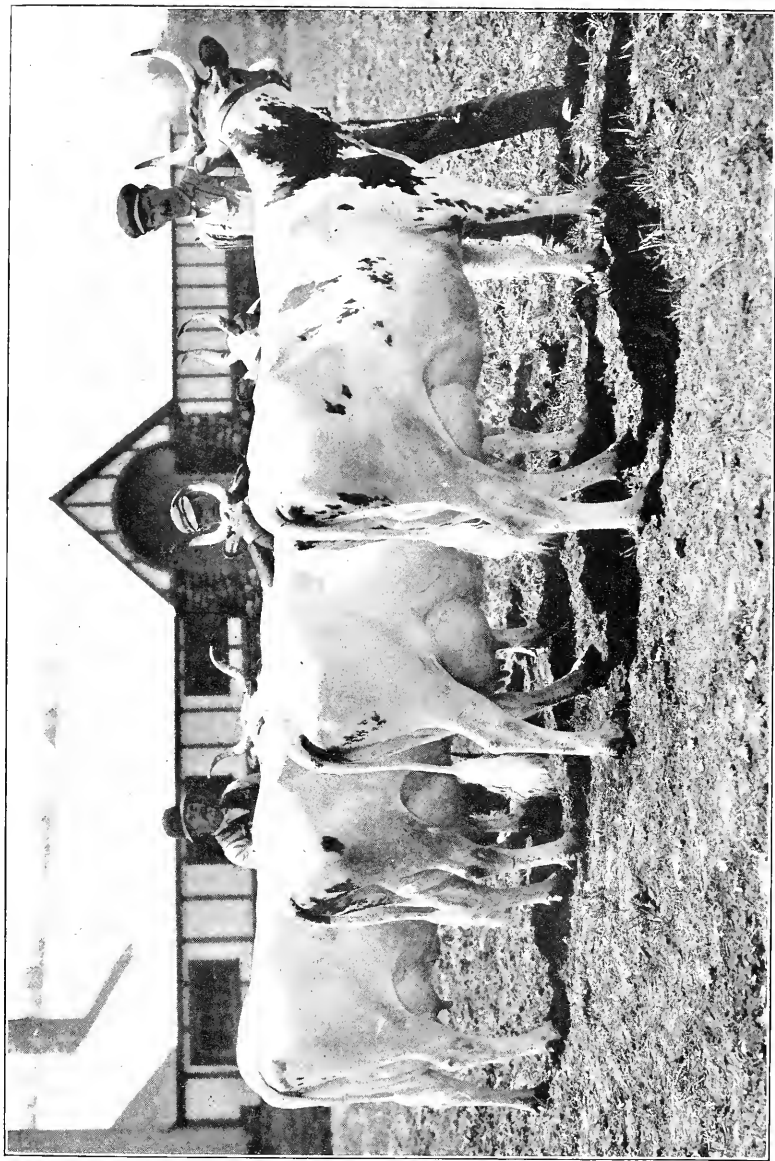
TWO YEAR OLD FORM—Continued.

	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
32025 Auchafour Glen 5th, 631..... Owned by G. B. Schley, Far Hills, N. J.	6,191	243.69	287	3.94
24373 Skylands Marvella, 364..... Owned by Francis Lynde Stetson, Sterlington, N. Y.	6,155	270.07	318	4.39
27364 Minnie Fizzaway 2d, 568..... Owned by J. F. Converse, Wood- ville, N. Y.	6,135	241.91	285	3.93
15026 Rose Clockston, 27..... Owned by C. M. Winslow, Brandon, Vt.	6,135	214.00	252	3.49
15038 Rose Foxglove, 25..... Owned by C. M. Winslow, Brandon, Vt.	6,128	243.12	286	3.79
15033 Lulu Avondale, 24..... Owned by C. M. Winslow, Brandon, Vt.	6,122	257.53	303	4.21
25056 May of Hilleroft, 432..... Owned by Matthew Haunah, Browns- ville, Vt.	6,114	258.86	305	4.24
19746 Mosshawk of Barclay, 63..... Owned by J. W. Clise, Redmond, Wash.	6,086	256.60	302	4.22
25370 Minnie of Bell Farm, 376..... Owned by Chas. J. Bell, Hollis, N. H.	6,085	214.86	253	3.53
23549 Lady's Princess, 220..... Owned by Percival Roberts, Jr., Narberth, Pa.	6,044	259.75	306	4.23
27243 Lily Glenwood, 408..... Owned by Geo. F. Stone, Littleton, Mass.	6,034	251.69	296	4.17
20615 Blossom of Seattle, 38..... Owned by J. W. Clise, Redmond, Wash.	6,027	255.98	301	4.24
17507 Rose Crashaw, 45..... Owned by C. M. Winslow, Brandon, Vt.	5,995	230.34	271	3.84
18264 Muriel Girl, 42..... Owned by C. M. Winslow, Brandon, Vt.	5,914	243.96	287	4.13
15035 Rose Ascott, 30..... Owned by C. M. Winslow, Brandon, Vt.	5,621	208.11	245	3.72
18043 Lady Wonder 4th, 48..... Owned by C. M. Winslow, Brandon, Vt.	5,606	210.45	248	3.74
17512 Florine Corslet, 40..... Owned by C. M. Winslow, Brandon, Vt.	5,504	214.60	252	3.9

CUMULATIVE RECORD.

FIVE YEARS' RECORD.

Name.	Owner.	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	Average % Fat.
Crimson Rambler.....	Geo. F. Stone.....	*48,147	1,730.24	2,036	3.62
FOUR YEARS' RECORD.					
Bessie of Rosemont.....	Geo. H. McFadden.....	48,475	1,999.80	2,352	4.14
Acclista.....	C. M. Winslow.....	*42,685	1,501.82	1,768	3.55
Lady Wonder 4th.....	Francis Lynde Stetson.....	41,597	1,579.55	1,858	3.76
Baby Douglas.....	Hill Top Farm.....	39,753	1,568.65	1,845	3.95
THREE YEARS' RECORD.					
Lily of Willowmoor.....	J. W. Clise.....	*44,047	1,717.28	2,021	3.86
Midget of Sand Hill.....	S. S. Karr & Son.....	*35,548	1,304.77	1,535	3.68
Madonna Lass 3d.....	Hill Top Farm.....	34,571	1,367.68	1,609	3.96
Primrose.....	Percival Roberts, Jr.....	*34,247	1,322.95	1,556	3.86
Eugenie Douglas.....	John R. Valentine.....	33,409	1,277.04	1,502	3.83
Queen of Barclay.....	Geo. H. McFadden.....	32,987	1,265.61	1,488	3.83
Mable of Sand Hill.....	S. S. Karr & Son.....	32,964	1,268.14	1,491	3.89
Esthon Douglas.....	Chas. J. Bell.....	*31,745	1,117.63	1,378	3.72
Drummond's Gem.....	Hill Top Farm.....	31,681	1,099.50	1,294	3.47
Kaziah of Highland.....	John R. Valentine.....	*31,296	1,219.56	1,435	3.94
Douglas Cordelia.....	Hill Top Farm.....	31,045	1,095.78	1,290	3.52
Frisky of Bonshaw.....	Geo. H. McFadden.....	*30,858	1,355.36	1,594	4.36
Lizzie of Barclay.....	Geo. H. McFadden.....	29,764	1,349.14	1,587	4.53
Carston Evelina.....	J. W. Clise.....	29,362	1,163.71	1,369	3.96
Yucca Douglas.....	Charles J. Bell.....	29,010	1,000.65	1,177	3.45
Mabelle of Highland.....	John R. Valentine.....	*28,692	1,074.56	1,265	3.74
Crimson Maid.....	Geo. F. Stone.....	27,588	1,089.40	1,282	3.98



ALTA CREST AYRSHIRES
Spencer, Mass.

THREE YEARS' RECORD—Continued.

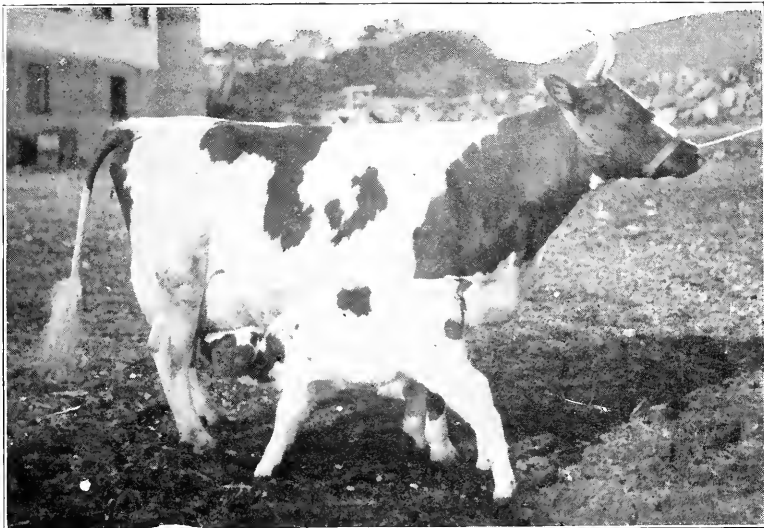
Name.	Owner.	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	Average % Fat.
Ithan 4th.....	John R. Valentine.....	27,450	1,076.86	1,266	3.92
Crimson Avis.....	Geo. F. Stone.....	*27,306	936.66	1,103	3.44
May Hebron 2d.....	M. J. Karr & Son.....	*26,277	991.21	1,166	3.75
Crimson Lady.....	Geo. F. Stone.....	*26,192	1,073.81	1,264	4.01
TWO YEARS' RECORD.					
Netherhall Brownie 13th.....	J. W. Ogden.....	*26,248	993.67	1,167	3.77
Rena Ross.....	John R. Valentine.....	25,137	1,081.32	1,272	4.03
Bernice Clyde.....	S. S. Karr & Son.....	25,040	1,028.07	1,210	4.11
Bessie Clyde.....	S. S. Karr & Son.....	24,448	878.07	1,033	3.59
Auchenbrain White Beauty 2d.....	Percival Roberts, Jr.....	24,283	1,002.61	1,180	4.13
Queen Ester.....	H. C. Groome.....	23,679	778.69	916	3.29
Ithan 5th.....	John R. Valentine.....	*23,578	995.02	1,171	4.22
Fern Ayer.....	John R. Valentine.....	23,448	895.89	1,054	3.82
Keepsake.....	John R. Valentine.....	23,233	911.36	1,072	3.92
Madam Bossi.....	J. W. Ogden.....	*23,120	910.23	1,070	3.94
McAlister's Betty.....	Percival Roberts, Jr.....	22,700	937.70	1,103	4.15
Jennie of Sand Hill.....	S. S. Karr & Son.....	22,637	971.61	1,144	4.33
Mattie of Sand Hill.....	S. S. Karr & Son.....	22,109	942.72	1,109	4.28
Emid S.....	Friends' Asylum.....	*22,035	860.44	1,012	3.90
Madonna Lass 2d.....	Hill Top Farm.....	21,915	800.45	941	3.66
May Hebron.....	M. J. Karr & Son.....	*21,853	876.31	1,031	3.72
Lillian Drummond 4th.....	F. W. Spalding.....	21,671	815.15	959	3.79
Gardrum Brandy.....	J. W. Clise.....	*21,586	812.04	955	3.77
Vera.....	Geo. F. Stone.....	21,541	780.08	919	3.62
Skaith Lady Beauty.....	J. W. Clise.....	*21,178	774.44	911	3.66
May Mitchell.....	Percival Roberts, Jr.....	*21,127	815.20	959	3.84
Castlemain's Nancy 2d.....	Percival Roberts, Jr.....	*20,887	768.80	905	3.68
Yarmouth Mayflower.....	J. A. Ness.....	20,332	808.31	951	3.95

TWO YEARS' RECORD—Continued.

Name.	Owner.	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	Average % Fat.
Babe's Duchess	Hill Top Farm	20,182	808.93	952	4.01
Lady Belle of Spring Hill	S. S. Karr & Son	20,175	772.80	910	3.83
Brown Eyes of Knockdon	Geo. H. McFadden	20,172	791.61	931	3.94
Douglas Empress	Hill Top Farm	20,033	846.64	996	4.22
Hazel of Sand Hill	S. S. Karr & Son	19,659	1,010.75	1,189	5.07
Gertrude Kelyvyn	Geo. F. Stone	19,618	697.80	821	3.57
Gazelle Melrose	W. V. Probasco	19,474	716.67	844	3.68
Barcheskie Winsome	J. W. Clise	19,456	689.35	811	3.55
Megsy Tipperlin 3d	John R. Valentine	19,438	726.77	855	3.73
Princess Beatrice 2d	John R. Valentine	19,135	739.10	857	3.80
Burnside Lady Waddell	J. W. Ogden	19,106	805.75	947	4.22
Bell Ayer	John R. Valentine	19,045	802.62	944	4.25
Oldhall Ladysmith 4th	P. Ryan	19,030	855.22	1,006	4.51
Xoa	Geo. H. Yeaton	18,894	665.51	783	3.53
Gateside Dandy 7th	J. W. Clise	*18,828	693.34	815	3.69
Sarah Hebron	M. J. Karr & Son	*18,806	895.02	1,053	4.77
Daisy of Rosemont	Geo. H. McFadden	18,749	735.01	865	3.92
Finlayston's Fern	John R. Valentine	*18,728	719.47	847	3.84
Bessie of Sand Hill	S. S. Karr & Son	18,714	858.25	1,010	4.55
Blanche of Sand Hill	S. S. Karr & Son	*18,702	748.55	881	4.01
Nancy Almond	S. S. Karr & Son	18,677	805.64	948	4.31
Lady Burton	Chas. J. Bell	*18,666	649.26	764	3.48
Daisy Jewess 4th	Hill Top Farm	18,649	688.45	810	3.66
Margaret of Rathalla	W. W. Blake Arkcoll	*18,467	712.97	839	3.86
Ithan 3d	John R. Valentine	18,407	741.23	873	4.03
Soney of Barclay	J. W. Clise	18,366	751.74	885	4.09
White Lola	J. W. Clise	18,339	680.31	801	3.7
Oshawa Lady 2d	John R. Valentine	18,328	729.40	858	4.03
Eleanor Fay	Francis Lynde Stetson	*18,273	692.53	817	3.79

TWO YEARS' RECORD—Continued.

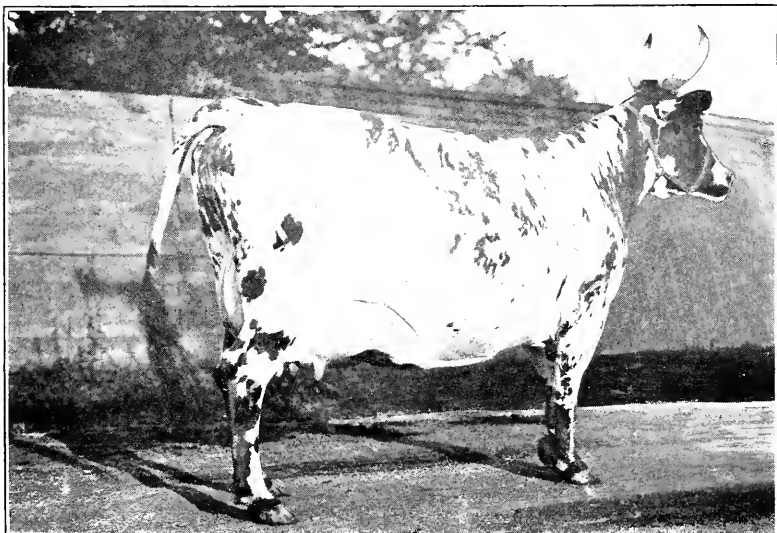
Name.	Owner.	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	Average % Fat.
Iola Lorne.....	C. M. Winslow.....	18,081	673.18	792	3.73
Agnese Sebastian.....	J. F. Butterfield Co.....	*18,024	688.64	810	3.82
Norwood Model.....	J. W. Ogden.....	*18,004	613.65	722	3.41
Lady Bell 4th.....	John R. Valentine.....	17,984	786.22	925	4.37
Adlington Queen 2d.....	Hill Top Farm.....	*17,913	639.68	752	3.78
Letta Lind of Radnor.....	Geo. H. McFadden.....	17,856	740.79	872	4.14
Megsy Tipperlin.....	W. V. Probasco.....	17,818	671.85	791	3.83
Bell Ayer 2d.....	John R. Valentine.....	*17,811	812.99	957	4.57
Irene Douglas.....	Hill Top Farm.....	17,760	734.40	864	4.13
Rose Clockston.....	C. M. Winslow.....	17,747	591.49	696	3.37
Linda S.....	W. V. Probasco.....	17,731	689.74	812	3.89
Willowmoor Marjory Douglas.....	J. W. Clise.....	17,678	605.89	713	3.43
Maud Douglas.....	Hill Top Farm.....	17,629	634.11	746	3.58
Lady Quality.....	Perceval Roberts, Jr.....	17,608	723.37	851	4.11
Bonnie Ayer.....	John R. Valentine.....	17,353	746.93	879	4.23
Reena 2d of Radnor.....	J. W. Clise.....	17,348	682.13	802	3.95
Lady Star.....	W. V. Probasco.....	17,331	631.31	743	3.64
Rose Aileen.....	C. M. Winslow.....	17,228	569.93	671	3.34
Speckled Beauty.....	Perceval Roberts, Jr.....	17,050	671.78	790	3.95
Friskey of Barclay.....	P. Ryan.....	17,043	645.46	760	3.79
Colonel's Daughter.....	John R. Valentine.....	16,987	650.38	765	3.85
Barleith Snowdrop.....	Geo. H. McFadden.....	16,924	651.40	767	3.84
Cora T. 3d.....	S. S. Karr & Son.....	16,800	692.17	814	4.11
Torrs Sibella.....	J. W. Ogden.....	*16,758	679.29	799	4.05
Starlass.....	John R. Valentine.....	16,752	646.49	760	3.85
Sunnyside Nora 2d.....	J. W. Ogden.....	16,305	660.79	777	4.05
Burnside Nora 3d.....	J. W. Clise.....	16,040	635.48	748	3.98
Eliza T.....	S. S. Karr & Son.....	*15,994	673.16	792	4.23
Daisy Hebron of Almond.....	M. J. Karr & Son.....	15,718	648.09	763	4.14



SHEWALTON MAINS SWELL

Owned by P. Ryan, Brewster, N. Y.

Record: 14,455 lbs. milk, 553.19 lbs. fat, 651 lbs. butter, 3.83% fat



NETHERHALL BROWNIE 13TH

Owned by J. W. Ogden, Morristown, N. J.

Record: 13,217 lbs. milk, 503.45 lbs. fat, 592 lbs. butter, 3.81% fat

TWO YEARS' RECORD—Continued.

Name.	Owner.	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	Average % Fat.
Dew Blossom	M. J. Karr & Son.....	*15,429	679.09	788	4.34
Tilly Tibbie of Torr.....	John R. Valentine.....	15,221	604.43	711	3.97
Betty of Hillview.....	P. Ryan.....	15,181	630.07	741	4.16
Willowmoor White Beauty	J. W. Clise.....	*15,156	563.24	663	3.71
Mosshawk 2d of Hindsward.....	Percival Roberts, Jr.	15,146	623.98	737	4.16
Hazel of Stanley.....	C. A. Griscom.....	*14,819	586.65	690	3.96
Phoebe of Hillview	W. W. Blake Arkcoll	*14,778	612.61	720	4.15
Lulu Avondale.....	C. M. Winslow.....	14,448	593.35	698	4.12
Lady's Princess.....	Percival Roberts, Jr.	13,858	601.36	708	4.30

* Cumulative record from consecutive annual tests with an average of not over fifteen months between freshening.

A COMPLETE LIST OF ALL ADVANCED REGISTRY BULLS WITH TOTAL RECORD OF DAUGHTERS
THAT HAVE QUALIFIED FOR ADVANCED REGISTRY

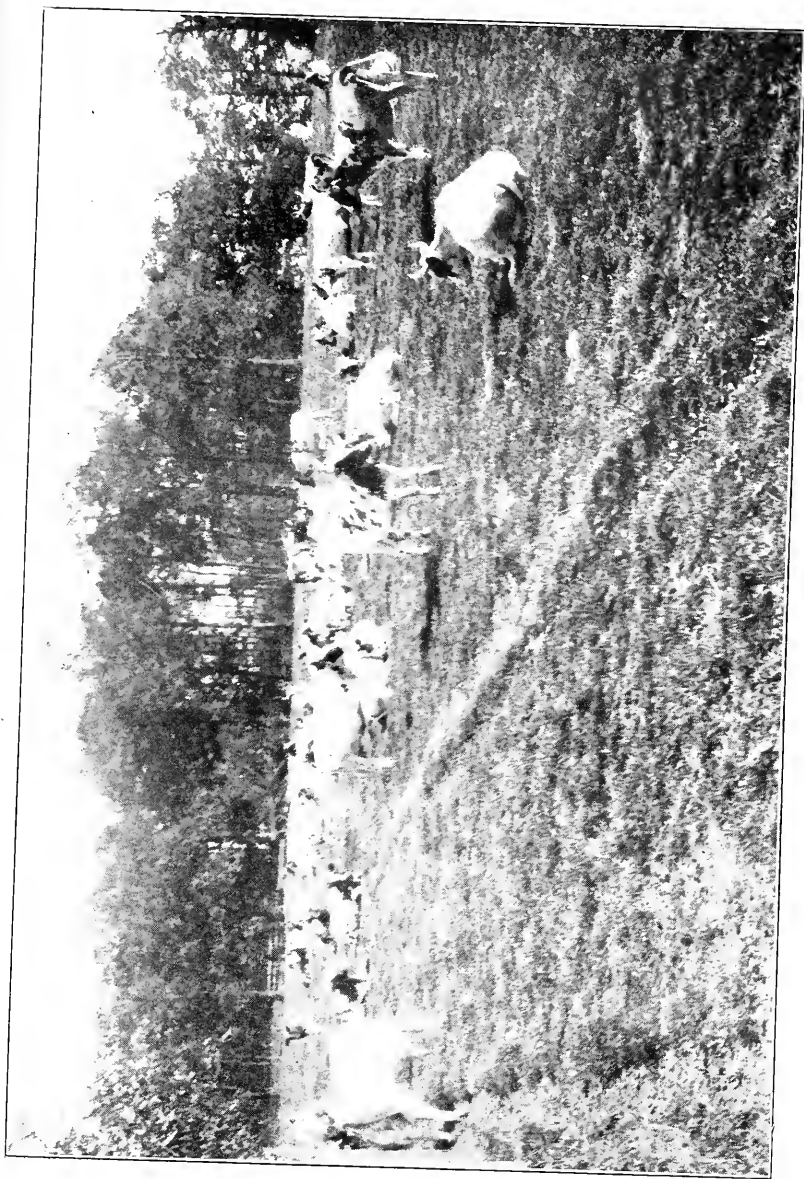
Ayrshire Record Number.	Advanced Registry Number.	Name of Bull.	Cows in the				Total Cows in the A. R.	Average Lbs. Milk.	Average Lbs. Fat.	Average Lbs. Butter.	Average % Fat.
			2 Yr. Old Class.	3 Yr. Old Class.	4 Yr. Old Class.	Ma- ture Class.					
7312	6	Nox'emall.....	12	5	4	13	9,644	370.91	437	3.83	
8289	19	Earl's Choice of Spring Hill.....	19	7	6	1	8,909	377.01	444	4.24	
8228	7	Moonstone of Drumsate.....	12	2	2	5	8,437	344.65	405	4.1	
8882	30	Finlayston.....	8	6	3	2	10,098	419.23	493	4.15	
7168	14	Colonel Ayer.....	7	5	4	1	8,488	351.63	413	3.91	
5533	13	Major Ayer.....					10,740	442.17	520	4.12	
8261	25	Clarence's Star.....	1	4	1	4	9,167	334.84	394	3.67	
9160	74	Crimson Boy.....	2	3	2	3	8,553	341.35	402	3.88	
7670	9	Geo. of Rosemont.....	5	2		3	8,448	338.17	398	4.04	
8419	45	Moonstone.....	7	3		10	8,269	341.15	401	4.13	
6711	15	Prince of Barelay.....	2	3	1	6	9,670	418.63	493	4.3	
6269	16	Sebastian.....	6	3	5	1	9,053	346.35	408	3.86	
10348	76	Holehouse White King.....	6	3		9	8,406	302.98	356	3.62	
9370	71	Howie's Fizzaway.....	6	1	2	9	7,586	306.22	360	4.07	
9045	27	Hollis Martinot.....	8	1		9	7,391	269.99	318	3.73	
7872	21	John Doland.....		3	1	4	10,488	416.17	490	3.99	
7410	33	Vicar of Wakefield.....		1	1	6	10,352	384.17	452	3.71	
6878	26	Yucca Lad.....		2	1	5	9,928	352.69	415	3.55	
10360	55	Johne J.....	4	3	1	8	8,565	342.95	404	4.03	
6038	2	Reynard.....	6		1	1	7,218	270.84	318	3.79	
6517	42	Major Acme.....				7	11,223	403.08	474	3.58	
7727	52	Inglis.....				7	10,352	379.74	447	3.71	
9955	72	Howie's Dairy King.....	5	2		7	8,607	347.46	409	4.05	
6180	4	Duke of Ayer.....	5		1	1	8,225	327.15	385	3.99	
6376	32	Lord Douglas I of Maple Grove....			1	5	10,801	417.72	492	3.89	

Ayrshire Record Number.	Advanced Registry Number.	Name of Bull.	Cows in the				Total Cows in the A. R.	Average Lbs. Milk.	Average Lbs. Fat.	Average Lbs. Butter.	Average % Fat.
			2 Yr. Old Class.	3 Yr. Old Class.	4 Yr. Old Class.	Ma-ture Class.					
4535	1	Nonpareil.....			6	6	10,128	362.50	427	3.61	
6948	58	Sprightly Boy of Hickory Hill.....	1		2	3	9,147	371.72	438	4.08	
7225	11	Oshawana of Highland.....		4		2	8,837	368.53	434	4.17	
6710	23	Clover Leaf.....	2		4	6	8,595	321.97	379	3.78	
6342	49	White Chief of St. Anne's.....			5	5	10,818	423.81	499	3.93	
6775	17	Beloit Ayr.....	1	1	3	5	10,199	400.15	471	3.85	
8969	50	Henry of Barelay.....	2	2	1	5	9,626	360.26	424	3.72	
9535	51	Barcheskie King's Own.....	1	1	2	5	8,610	354.82	418	4.13	
10020	63	Lessnesock Douglas Monarch.....	4	1		5	7,729	315.94	372	4.09	
9608	73	Lessnesock Royal Star.....	3	2		5	7,495	312.86	368	4.23	
8718	53	Drummondine.....	1	2		4	12,813	495.05	583	3.81	
6234	60	Dandy Webb.....				4	10,989	405.82	478	3.83	
6548	29	Solitaire.....				4	10,570	388.11	457	3.66	
6586	57	Duke of Almond.....				4	10,171	418.79	493	4.14	
6705	43	Tam Oshanta.....				4	9,831	353.92	414	3.93	
10034	69	Barcheskie Copestone.....	3	1		4	8,469	320.55	377	3.79	
9727	65	Bannerman of Spring Hill.....	3	1		4	7,796	337.49	397	4.33	
6634	8	Carbello.....	3		1	4	7,578	271.29	319	3.64	
9687	77	King of Netherhall.....	2	2		4	7,306	286.39	337	3.93	
10448	75	Earl of Almond.....	4			4	6,995	294.83	347	4.28	
7272	31	Harcourt of B.....				3	9,809	383.26	451	3.93	
8283	41	Glencra Mint.....			3	3	9,503	358.99	422	3.77	
6708	37	Dewey Auchinbrain.....	1		2	3	9,379	385.47	453	4.10	
7662	47	Dunraven of Ste. Anne's.....		1	2	3	9,286	378.90	446	4.08	
7135	46	Joker.....	1	1		3	8,737	309.26	364	3.84	
6886	39	Castleton.....	1		2	3	8,686	323.50	381	3.72	
6248	5	Glencraim of Ridgeside.....		2	1	3	8,337	328.43	386	3.93	

Ayrshire Record Number.	Advanced Registry Number.	Name of Bull.	Cows in the				Total Cows in the A. R.	Average Lbs. Milk.	Average Lbs. Fat.	Average Lbs. Butter.	Average % Fat.
			2 Yr. Old Class.	3 Yr. Old Class.	4 Yr. Old Class.	Mature Class.					
8651	56	Doc Ayer of Sunnyside.....		2		1	8,216	335.88	395	4.11	
9131	62	Moonstone 2d of Barclay.....		2	1		8,146	345.60	409	4.36	
5651	12	Twister.....	1		2		8,121	295.58	348	3.64	
8860	44	Netherhall Macdonald.....	2			1	8,058	325.81	383	4.05	
14796	78	Nether Craig Spicy Sam.....	2	1			7,959	337.24	397	4.21	
9565	59	Corrector.....	3				7,629	305.97	360	4.05	
7502	24	Judge Mitchell.....	3				7,272	272.82	322	3.78	
4841	35	Jasper.....				3	6,424	221.85	266	3.53	
4213	3	Linwood.....				2	10,089	394.24	464	3.89	
9220	64	Prince Charlie.....		1		1	9,954	444.68	523	4.45	
4692	18	Calmar.....			2	2	9,655	335.55	395	3.48	
7271	48	Goldfinder.....			2	2	9,445	360.70	425	3.78	
7398	20	Joe Smith.....			2	2	9,417	337.98	398	3.56	
6801	40	Prince of Rome.....			1	1	9,073	411.62	485	4.53	
9740	61	Alfred Star.....	2				9,056	335.86	395	3.71	
11193	67	Albert Cook.....	2				8,885	331.79	391	3.74	
7346	28	Black Douglas of Lyndsboro.....		1		1	8,800	316.93	373	3.82	
5462	34	Dandy Webb.....			2	2	8,774	342.62	403	3.91	
6904	38	Essex Boy.....	1			1	8,559	333.38	392	3.89	
5892	36	Oil Prince.....	1	1			7,815	320.84	378	4.11	
8970	70	Hugh of Barclay.....	1		1		7,482	315.87	372	4.25	
8922	66	Loder.....	2				7,308	263.74	311	3.60	
11981	79	Bargenoch Gay Cavalier.....		1			7,193	300.28	354	4.18	
8143	54	Donovan.....	1	1			7,128	277.58	327	3.89	
9619	68	St. Louis.....	2				6,276	242.23	285	3.86	
6044	10	Rothage.....	2				6,269	249.43	294	3.97	

A COMPLETE LIST OF ALL ADVANCED REGISTRY DAMS AND THEIR DAUGHTERS THAT HAVE
QUALIFIED FOR ADVANCED REGISTRY WITH OFFICIAL RECORDS.

Ayrshire Record No.	Advanced Registry No.	Name of Cow.	Entries.	Class.	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
12094	8	Acelista	1st	Mature	9,906	361.71	422	3.77
		"	2d	Mature	9,754	336.52	392	3.45
		"	3d	Mature	11,856	419.38	489	3.54
		"	4th	Mature	11,169	384.21	448	3.44
15033	24	Lulu Avondale	1st	2 years	6,122	257.53	303	4.21
		"	2d	4 years	8,326	335.82	395	4.03
18949	158	Addington Queen	1st	Mature	9,348	391.02	460	4.18
26962	281	Addington Queen 2d	1st	2 years	8,574	328.43	386	3.83
		"	2d	3 years	8,339	311.25	366	3.73
29558	655	Addington Queen 3d	1st	2 years	11,223	441.56	520	3.93
17454	271	Anna Webb	1st	Mature	9,048	342.50	403	3.78
18681	94	Angeline Sebastian	1st	3 years	8,176	340.30	400	4.16
19050	260	Anna H. Douglas	1st	Mature	10,922	421.90	496	3.86
22924	224	Columbia Fizzaway	1st	2 years	6,419	263.04	309	4.1
26235	518	Columbia Douglas Majestic	1st	2 years	6,447	245.77	289	3.81
9670	35	Annie Burt (seven day test) .....	.....	.....	356	.....	14.5	.....
12351	154	Biona	1st	Mature	10,012	341.97	402	3.41

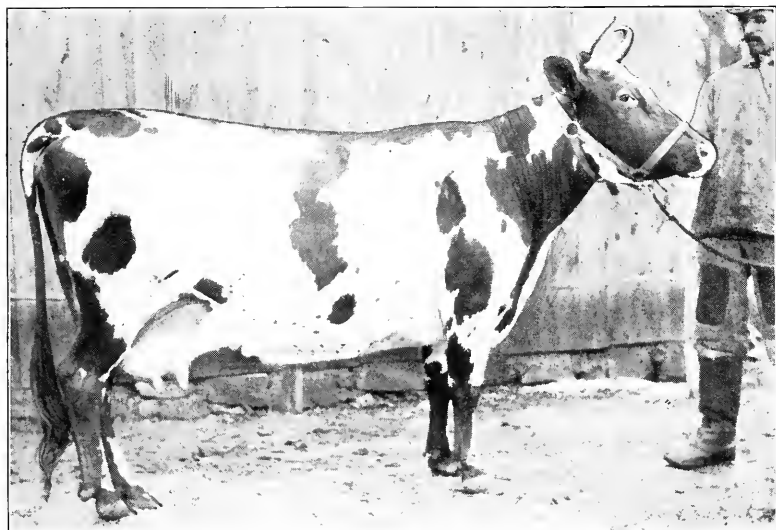


HIGHLAND FARM AYRSHIRES
Bryn Mawr, Pa.

Ayrshire Record No.	Advanced Registry No.	Name of Cow.	Entries.	Class.	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
10777	2	Atalanta	1st	Mature	9,740	367.71	433	3.78
		DAUGHTER.						
12773	17	Iola Lorne	1st	Mature	8,806	335.35	395	3.81
		"	2d	Mature	9,275	337.83	397	3.64
24876	646	Auchenbrain Bloomer 6th	1st	Mature	8,889	351.07	413	3.95
		DAUGHTER.						
26884	583	Auchenbrain Bloomer 9th	1st	Mature	11,768	509.14	600	4.33
16152	128	Avis	1st	Mature	9,424	327.81	386	3.48
		DAUGHTER.						
22765	245	Crimson Avis	1st	3 years	7,320	261.45	308	3.57
		"	2d	4 years	9,502	321.80	379	3.39
		"	3d	Mature	10,484	353.41	416	3.37
24899	502	Barcheskie Dandy 10th	1st	Mature	10,748	368.53	434	3.43
		DAUGHTER.						
25336	597	Willowmoor Dandy	1st	2 years	6,953	249.89	294	3.59
19860	436	Beauty of Hillcroft	1st	Mature	10,769	507.33	597	4.71
		DAUGHTER.						
25056	432	May of Hillcroft	1st	2 years	6,114	258.86	305	4.24
17015	115	Beckey of Holehouse	1st	4 years	10,507	394.90	465	3.76
		DAUGHTER.						
27902	508	Queen Beckey	1st	2 years	6,964	292.01	344	4.2
20180	56	Bell Ayer	1st	2 years	7,111	309.71	364	4.36
		"	2d	4 years	11,934	492.91	580	4.13
		DAUGHTER.						
21259	237	Bell Ayer 2d	1st	2 years	8,819	402.64	474	4.57
		"	2d	4 years	8,992	410.35	483	4.56

Ayrshire Record No.	Advanced Registry No.	Name of Cow.	Entries.	Class.	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
15262	126	Bertha M. DAUGHTER.	1st	Mature	8,754	365.84	430	4.18
20368	169	Beulah M.	1st	2 years	8,516	365.51	419	4.19
17287	210	Bessie Clyde. "	1st 2d	Mature Mature	12,044 12,404	429.35 448.72	505 528	3.56 3.62
24176	323	Bernice Clyde. "	1st 2d	3 years 4 years	12,505 12,535	529.36 498.71	623 587	4.23 3.98
27362	499	Emma Clyde.	1st	2 years	7,280	334.71	394	4.6
31399	651	Princess Clyde of Almond.	1st	2 years	6,968	267.66	315	3.84
17904	44	Bessie of Rosemont. "	1st 2d	2 years 4 years	8,835 14,102	371.47 578.17	437 680	4.22 4.1
20871	250	"	3d	Mature	11,784	485.47	571	4.12
20871	250	"	4th	Mature	13,754	564.69	664	4.11
20365	52	Miss Bessie. DAUGHTER.	1st	4 years	7,755	333.74	393	4.33
24717	324	Bessie of Sand Hill. "	1st 2d	2 years Mature	7,307 11,407	321.97 536.28	379 631	4.41 4.70
27260	650	Blanche of Sand Hill. "	1st 2d	2 years 3 years	9,435 9,267	389.37 359.18	458 423	4.13 3.88
19754	41	Bonnie of Sand Hill.	1st	3 years	7,563	294.96	347	3.9
24282	305	Bonnie 2d of Radnor. "	1st 2d	2 years Mature	8,184 9,164	339.55 342.58	399 403	4.15 3.74
24282	305	Willowmoor Bonnie Lass.	1st	2 years	9,488	326.94	385	3.45

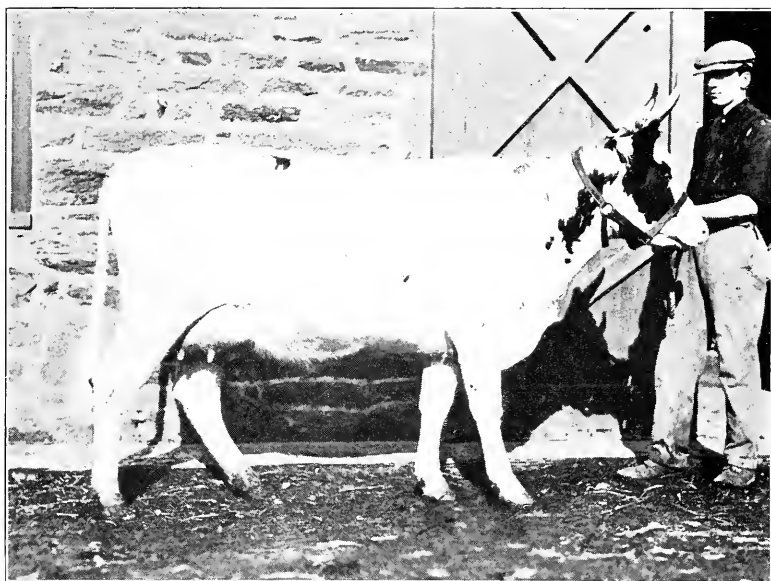
Ayrshire Record No.	Advanced Registry No.	Name of Cow	Entries	Class.	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
24881	287	Burnside Nora 3d	1st	2 years	6,784	273.73	322	4.04
		" DAUGHTER.	2d	3 years	0,256	361.75	426	3.91
25094	647	Willowmoor Nora	1st	2 years	6,775	251.25	296	3.71
19391	294	Buttercup F. 3d	1st	Mature	10,859	394.76	464	3.63
26377	671	Rob's Buttercup	1st	2 years	6,891	284.36	335	4.13
17900	55	Buttercup of Rosemont	1st	2 years	7,584	304.38	358	4.01
25432	602	Butter Cup of Bryn Mawr	1st	2 years	7,746	324.44	382	4.19
14196	486	Carrie Hebron	1st	Mature	9,109	362.14	426	3.98
26159	283	Pansy Earl	1st	2 years	8,060	359.48	425	4.46
18357	338	Rosie Hebron	1st	Mature	9,210	438.49	516	4.76
18364	425	May Hebron	1st	Mature	12,135	483.29	569	4.
		"	2d	Mature	9,718	393.02	462	4.04
23081	475	Molly Hebron	1st	4 years	9,252	341.53	402	3.69
28055	488	Daisy Hebron of Almond	1st	2 years	7,178	308.49	363	4.29
		"	2d	4 years	8,540	339.60	400	3.98
23078	498	Nellie Hebron	1st	3 years	8,726	394.59	464	4.52
23075	367	Sarah Hebron	1st	4 years	10,097	469.17	552	4.64
		" GRANDDAUGHTERS.	2d	Mature	8,709	425.85	501	4.89
23073	611	Flora	1st	Mature	8,931	360.81	424	4.04
26157	308	May Hebron 2d	1st	2 years	8,312	312.63	368	3.76
		"	2d	3 years	8,049	304.05	358	3.78
		"	3d	4 years	9,916	374.08	440	3.77
28056	451	Mary Hebron	1st	2 years	6,222	236.	278	3.8
29193	659	Lucy Hebron	1st	2 years	9,392	386.22	454	4.11



YARICO 3D

Owned by Dudley Wells, Wethersfield, Conn.

Record: 11,089 lbs. milk, 382.19 lbs. fat, 450 lbs. butter, 3.45% fat



LESSNESSOCK MISS LOUDOUN

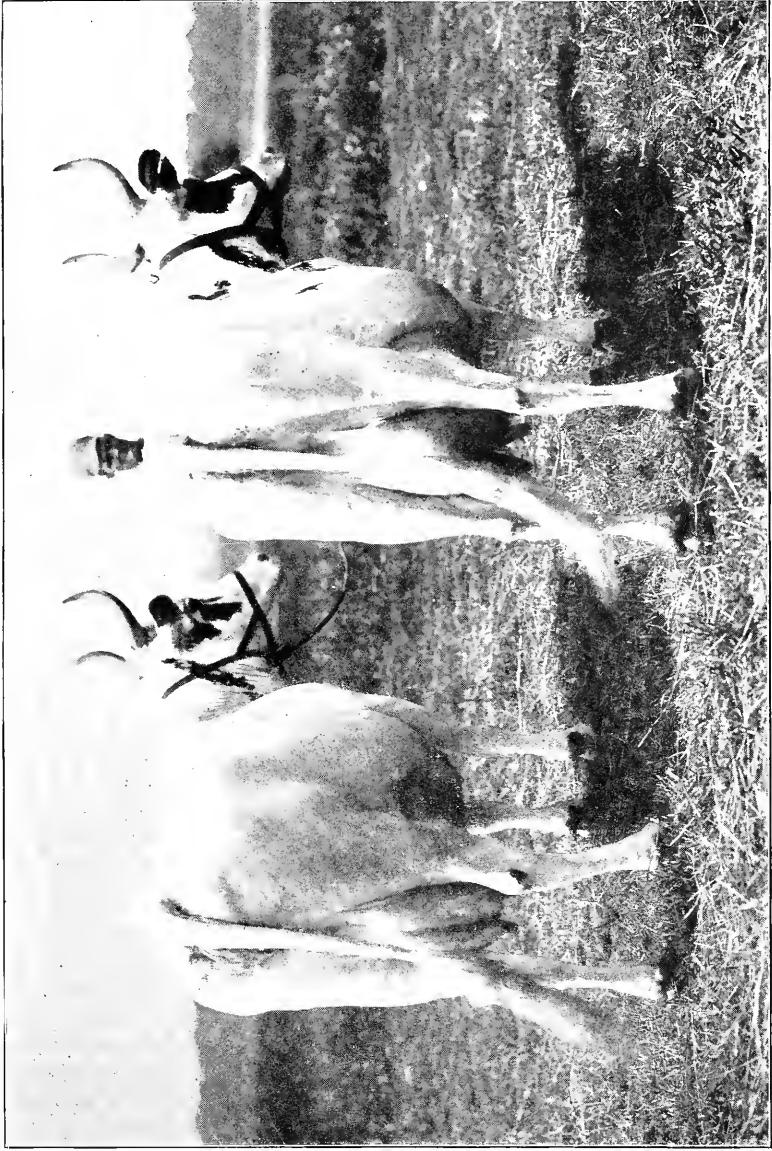
Owned by John R. Valentine, Bryn Mawr, Pa.

Record: 10,450 lbs. milk, 420.25 lbs. fat, 494 lbs. butter, 4.02% fat

Ayrshire Record No.	Advanced Registry No.	Name of Cow.	Entries.	Class.	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
13715	129	Crimsonia 2d.	1st	Mature	9,615	357.44	421	3.71
		DAUGHTERS.						
21109	61	Crimson Rambler.	1st	2 years	7,988	277.56	327	3.47
		"	2d	3 years	8,001	305.21	359	3.81
		"	3d	4 years	9,036	329.91	388	3.69
		"	4th	Mature	10,346	383.61	451	3.71
		"	5th	Mature	12,776	433.95	511	3.4
23812	485	Lady Crimsonia.	1st	4 years	8,995	361.12	425	4.02
9160	74	Crimson Boy.	4 Daughters in	Advanced Registry.				
13772	212	Cora T.	1st	Mature	12,392	456.25	537	3.76
19489	90	Cora T. 3d.	1st	3 years	7,312	291.58	343	3.99
		"	2d	Mature	9,488	400.59	471	4.22
23321	170	Cora T. 5th.	1st	2 years	6,530	271.79	320	4.16
18400	198	Cora T. 2d.	1st	4 years	12,230	511.11	602	4.18
24716	221	Cora T. 6th.	1st	2 years	6,692	276.80	326	4.19
26156	333	Cora T. 7th.	1st	2 years	6,731	299.59	352	4.46
		GRANDDAUGHTERS.						
24721	326	Eliza T.	1st	2 years	7,216	317.36	373	4.4
		"	2d	3 years	8,787	355.80	419	4.05
30229	619	Grace T.	1st	2 years	7,179	291.31	343	4.06
27265	439	Anna T.	1st	2 years	7,111	319.37	376	4.49
26155	332	Marigold T.	1st	2 years	7,503	331.89	390	4.12
19489	90	Cora T. 3d.	1st	3 years	7,312	291.58	343	3.99
		"	2d	Mature	9,488	400.59	471	4.22
		DAUGHTERS.						
24721	326	Eliza T.	1st	2 years	7,216	317.36	373	4.4
		"	2d	3 years	8,787	355.8	419	4.05
30229	619	Grace T.	1st	2 years	7,179	291.31	343	4.06

Ayrshire Record No.	Advanced Registry No.	Name of Cow.	Entries.	Class.	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
23321	170	Cora T. 5th. DAUGHTER.	1st	2 years	6,530	271.79	320	4.16
27265	439	Anna T.	1st	2 years	7,114	319.37	376	4.49
18400	198	Cora T. 2d. DAUGHTER.	1st	4 years	12,230	511.44	602	4.18
26155	332	Marigold T.	1st	2 years	7,503	331.89	390	4.42
21251	256	Colonel's Lady Bell DAUGHTER.	1st	4 years	9,226	417.33	491	4.52
26674	630	Bell of Aurora	1st	3 years	8,268	352.34	415	4.26
21851	195	Douglas Empress. " DAUGHTER.	1st 2d	4 years Mature	9,165 10,868	386.31 460.33	454 542	4.21 4.23
26478	656	Empress Dairy Queen.....	1st	3 years	8,795	367.56	432	4.18
17011	147	Daisy of Rosemont	1st	Mature	9,164	345.01	406	3.76
		" DAUGHTERS.	2d	Mature	9,585	390.	459	4.07
18689	84	White Bess of Radnor.....	1st	3 years	6,594	263.20	310	3.99
17901	261	Jane of Bryn Mawr.....	1st	Mature	10,573	443.13	521	4.19
19750	390	Daisy of Barelay	1st	Mature	10,752	387.77	456	3.61
23494	414	Daisy of Bryn Mawr.....	1st	3 years	8,163	325.15	383	3.99
12680	5	Durwood.....	1st	Mature	10,701	433.71	510	4.05
20802	244	Lady Redwood..... DAUGHTER.	1st	3 years	8,141	289.17	340	3.55
16135	96	Doris Y.	1st	3 years	7,807	312.80	368	4.01
20902	167	Dorinda..... DAUGHTER.	1st	2 years	7,855	302.77	356	3.85

Ayrshire Record No.	Advanced Registry No.	Name of Cow.	Entries.	Class.	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
16779	112	Dollie Kilbowie	1st	4 years	9,039	311.47	366	3.45
19615	49	Myrtle K. DAUGHTER.	1st	2 years	7,497	210.10	249	3.34
18148	127	Etta Pountney	1st	Mature	11,475	419.46	493	3.65
24287	644	Willowmoor Etta DAUGHTER.	1st	3 years	11,099	406.18	478	3.66
17452	83	Eugenie Douglas	1st	3 years	9,587	380.44	448	3.97
		"	2d	Mature	12,570	479.70	564	3.82
		"	3d	Mature	11,252	416.90	490	3.71
25159	550	Jenette Douglas DAUGHTER.	1st	3 years	8,854	323.51	381	3.66
19002	266	Eugenie S. DAUGHTER.	1st	Mature	10,379	341.80	402	3.29
24265	515	Eugenie S. 2d. DAUGHTER.	1st	2 years	9,177	347.27	409	3.78
16700	23	Floe. DAUGHTER.	1st	2 years	8,201	346.90	408	4.23
25743	563	Floe of Hillview. DAUGHTER.	1st	2 years	8,328	337.88	398	4.06
18975	368	Florence Melrose DAUGHTER.	1st	Mature	12,349	483.05	568	3.91
23116	461	Florence Pizzaway DAUGHTER.	1st	4 years	8,630	326.78	384	3.79
16289	134	Fern Ayer.	1st	Mature	9,847	376.25	443	3.82
		"	2d	Mature	13,601	519.64	611	3.82
19553	392	Fern T. DAUGHTER.	1st	3 years	7,077	236.80	279	3.35
25293	238	Finlayston's Fern. GRANDDAUGHTER.	1st	2 years	9,615	378.65	446	3.94
		"	2d	3 years	9,113	340.82	401	3.74



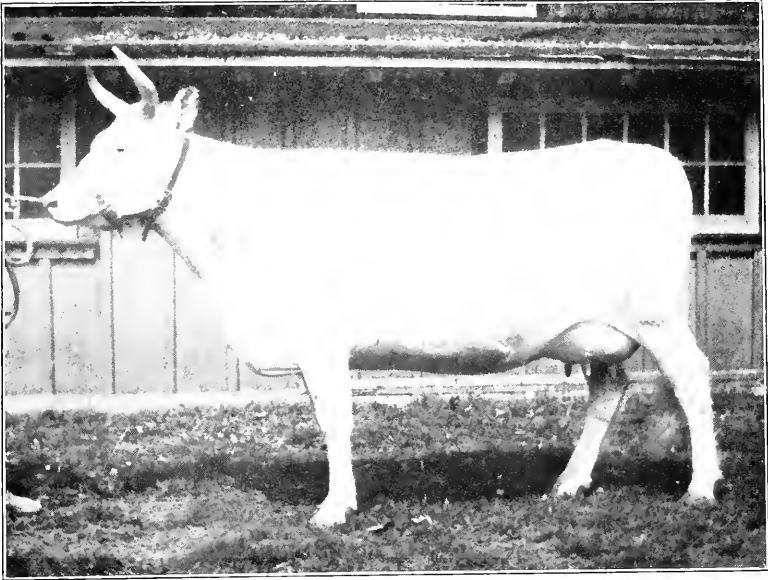
CARLAF MISS MEGLETOE

HOLEHOUSE WHITE BESS

Ayrshire Record No.	Advanced Registry No.	Name of Cow.	Entries.	Class.	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
18980	159	Fleet Melrose (seven day test)	.....	.....	303.2	.....	13.39	.....
23929	341	Fleet Fizzaway DAUGHTER.	1st	2 years	7,927	313.50	369	3.96
17081	144	Friskey of Bonshaw	1st	Mature	8,767	374.41	440	4.27
		"	2d	Mature	9,645	397.29	467	4.12
		"	3d	Mature	12,445	583.66	687	4.69
23013	277	Friskey of Barclay DAUGHTER.	1st	3 years	7,588	283.58	334	3.74
		"	2d	4 years	9,455	361.80	426	3.83
19553	392	Fern T. DAUGHTER.	1st	3 years	7,077	236.80	279	3.35
25293	238	Finlayston's Fern	1st	2 years	9,615	378.65	446	3.94
		"	2d	3 years	9,113	340.82	401	3.74
19217	105	Finlayston Maggie 3d	1st	4 years	10,759	446.11	5 25	4.15
22132	235	Maggie Finlayston DAUGHTER.	1st	2 years	6,427	274.04	322	4.26
8882	30	Finlayston SON.	12 Daughters in	Advanced Registry.	.....	.....	.....	.....
18687	57	Francis of Barclay DAUGHTER.	1st	2 years	8,047	345.64	407	4.3
22128	230	Francis 2d of Barclay	1st	2 years	6,819	269.54	317	3.95
17431	64	Felicia of Woodview	1st	2 years	7,048	279.46	329	3.97
21754	176	Felicia of Highland DAUGHTER.	1st	2 years	8,767	344.27	405	3.93
15578	143	Flora 4th of Bonshaw	1st	Mature	9,874	327.69	438	3.87
17013	145	Maggie of Radnor DAUGHTER.	1st	Mature	9,468	405.03	476	4.28

Ayrshire Record No.	Advanced Registry No.	Name of Cow.	Entries.	Class.	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
20956	194	Garlaugh Mayflower..... DAUGHTER.	1st	4 years	9,224	341.61	402	3.7
25665	551	King's Mayflower.....	1st	2 years	8,346	373.83	439	4.48
21335	562	Garland Melrose..... DAUGHTER.	1st	Mature	13,307	525.11	618	3.94
28062	467	Garland of Hillview.....	1st	2 years	8,437	350.18	412	4.15
19327	374	Gipsy 1st of Whitehill..... DAUGHTER.	1st	Mature	9,570	368.21	433	3.85
20070	454	Princess Ena.....	1st	Mature	9,151	381.24	449	4.17
14030	125	Hetty Ayer..... DAUGHTER.	1st	Mature	9,858	474.52	558	4.81
24720	325	Hazel of Sand Hill..... " "..... GRANDDAUGHTER.	1st 2d	2 years 4 years	11,078 8,581	627.13 383.62	738 451	5.66 4.47
31396	652	Hazel's Creamer.....	1st	2 years	7,154	341.52	402	4.77
24720	325	Hazel of Sand Hill..... " "..... DAUGHTER.	1st 2d	2 years 4 years	11,078 8,581	627.13 383.62	738 451	5.66 4.47
31396	652	Hazel's Creamer.....	1st	2 years	7,154	341.52	402	4.77
14554	14	Inez Douglas..... DAUGHTERS.	1st	Mature	9,089	410.81	483	4.52
21795	189	Irene Douglas..... " ".....	1st 2d	3 years Mature	8,490 9,270	339.94 394.46	400 464	4. 4.25
19267	387	Iris Douglas..... GRANDDAUGHTERS.	1st	Mature	10,992	452.02	352	4.12
23437	297	Hilda Douglas.....	1st	Mature	10,099	402.31	473	3.98
28244	658	Rosamond Douglas.....	1st	2 years	6,646	293.97	346	4.42

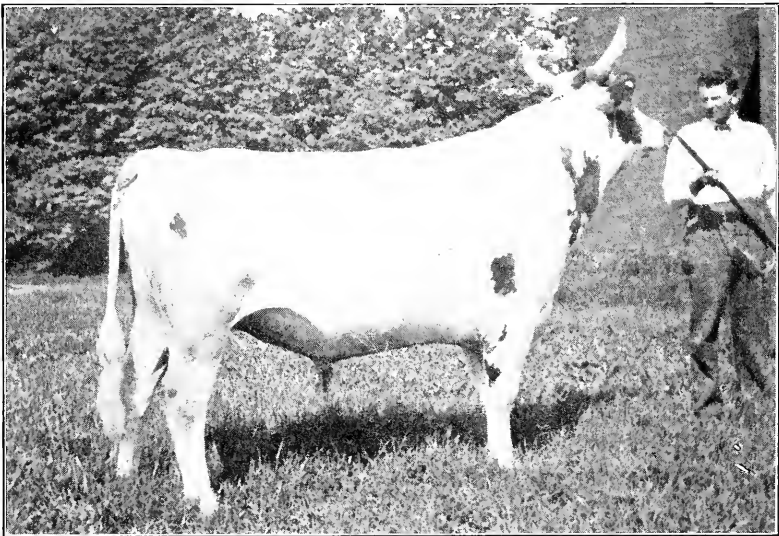
Ayrshire Record No.	Advanced Registry No.	Name of Cow.	Entries.	Class.	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
16267	387	Iris Douglas	1st	Mature	10,992	452.02	353	4.12
		DAUGHTERS.						
23437	297	Hilda Douglas	1st	Mature	10,099	402.31	473	3.98
28242	658	Rosamond Douglas	1st	2 years	6,646	293.97	346	4.42
20306	50	Isabella of Sand Hill	1st	2 years	7,887	323.15	380	4.09
		DAUGHTER.						
27263	674	Ida of Sand Hill	1st	2 years	8,117	358.06	421	4.42
14538	142	Ithan	1st	Mature	9,975	396.30	466	3.97
		DAUGHTERS.						
17254	108	Ithan 2d	1st	4 years	8,174	368.66	434	4.51
21253	177	Ithan 3d	1st	3 years	8,360	347.23	409	4.15
		"	2d	Mature	10,047	394.	464	3.92
25103	228	Ithan 4th	1st	2 years	8,563	330.81	389	3.86
		"	2d	3 years	7,448	294.45	346	3.95
		"	3d	Mature	11,439	451.70	531	3.95
26582	355	Ithan 5th	1st	2 years	10,398	436.95	514	4.2
		"	2d	3 years	13,180	558.07	657	4.24
		GRANDDAUGHTER.						
26585	350	Finlayston's Ithan	1st	2 years	10,910	494.91	582	4.53
21253	177	Ithan 3d	1st	3 years	8,360	347.23	409	4.15
		"	2d	Mature	10,047	394.	464	3.92
26585	350	Finlayston's Ithan	1st	2 years	10,910	494.91	582	4.53
22468	457	Ivan 2d	1st	Mature	9,623	360.35	424	3.75
		DAUGHTER.						
22474	251	Nellie Earl	1st	4 years	9,117	342.34	403	3.75



WHITE HEATHER OF TORR

Owned by John R. Valentine, Bryn Mawr, Pa.

Record: 10.887 lbs. milk, 449.58 lbs. fat, 529 lbs. butter, 4.13% fat



NETHERHALL ROBIN HOOD

Owned by C. B. Stevens, St. Johnsbury, Vt.

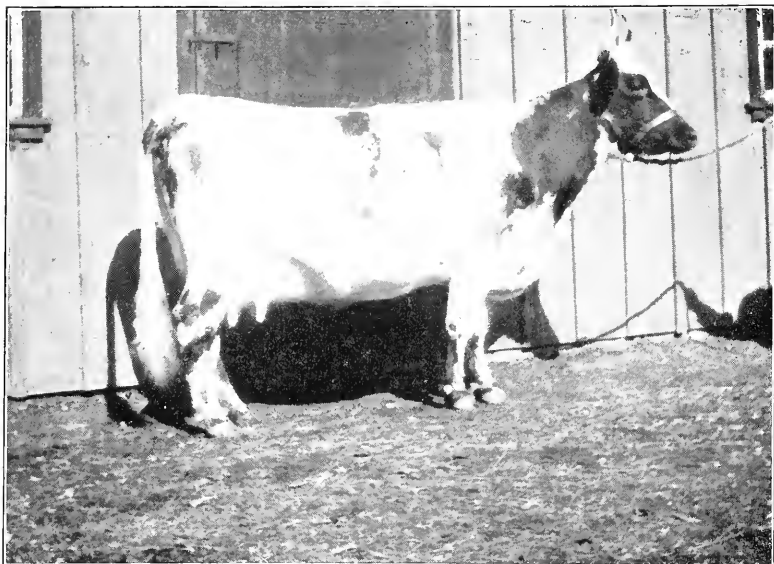
Ayrshire Record No.	Advanced Registry No.	Name of Cow.	Entries.	Class.	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
19490	188	Jennie of Sand Hill	1st	3 years	10,160	437.16	514	4.3
		"	2d	Mature	12,477	534.45	630	4.36
31397	673	Janette of Sand Hill DAUGHTER.	1st	2 years	7,830	295.32	347	3.77
18538	437	Jean of Claremont	1st	Mature	9,719	417.59	491	4.3
25058	654	Jane of Hillcroft DAUGHTER.	1st	2 years	7,113	296.97	349	4.17
21763	173	Jerusha of Bell Farm	1st	2 years	7,380	280.33	330	3.66
25370	376	Minnie of Bell Farm DAUGHTER.	1st	2 years	6,085	214.86	253	3.53
20181	178	Kaziah 2d	1st	3 years	7,961	295.65	348	3.71
26039	307	Kaziah of Highland DAUGHTER.	1st	2 years	10,970	425.47	501	3.88
		"	2d	4 years	10,624	369.12	434	3.57
		"	3d	Mature	9,702	424.97	500	4.38
15913	140	Keepsake	1st	Mature	10,868	442.04	520	4.05
		"	2d	Mature	12,365	369.32	552	3.79
26013	330	Keepsake 2d DAUGHTER.	1st	3 years	12,235	534.38	629	4.37
12933	139	Kitty K.	1st	Mature	11,115	438.88	516	3.94
15242	19	Katy Djd. DAUGHTERS.	1st	2 years	6,760	280.44	330	4.15
21246	68	Kitty K. 3d	1st	2 years	7,364	329.18	387	4.47
18247	92	Kitty K. 2d GRANDDAUGHTER.	1st	3 years	8,255	351.97	411	4.26
17430	22	Petrina of Woodview GREAT GRANDDAUGHTER.	1st	2 years	7,776	344.78	406	4.44
22465	398	Winnie K. GREAT GREAT GRANDDAUGHTER.	1st	3 years	8,982	420.76	495	4.69
29121	412	Winnie K. 2d GREAT GREAT GRANDDAUGHTER.	1st	2 years	6,848	310.42	365	4.54

Ayrshire Record No.	Advanced Registry No.	Name of Cow.	Entries.	Class.	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
15242	19	Katy Did..... DAUGHTER.	1st	2 years	6,760	280.44	330	4.15
17430	22	Petrina of Woodview..... GRANDDAUGHTER.	1st	2 years	7,776	344.78	406	4.44
22465	398	Winnie K..... GREAT GRANDDAUGHTER.	1st	3 years	8,982	420.76	495	4.96
29121	412	Winnie K. 2d.....	1st	2 years	6,848	310.42	365	4.54
17256	91	Lady Bell 4h..... " "..... DAUGHTERS.	1st 2d	3 years Mature	8,516 9,468	374.63 411.59	441 484	4.40 4.35
21255	180	Curfew Bell.....	1st	3 years	11,181	502.99	592	4.5
26257	291	Finlayston's Lady Bell.....	1st	3 years	7,957	357.36	420	4.49
20066	255	Lady Douglas of Riverside..... DAUGHTER.	1st	4 years	11,577	447.72	527	3.87
22923	484	Columbia Douglas.....	1st	4 years	9,329	351.34	413	3.76
19517	360	Lady Hollis 2d..... DAUGHTER.	1st	Mature	9,002	299.85	353	3.33
24821	327	Magnolia.....	1st	2 years	6,901	245.33	289	3.55
20722	420	Lady's Princess of Minic..... DAUGHTER.	1st	Mature	9,150	332.46	391	3.68
23549	220	Lady's Princess..... " ".....	1st 2d	2 years 4 years	6,044 7,814	259.75 341.60	306 402	4.23 4.37
18690	43	Lilac of Radnor..... DAUGHTER.	1st	2 years	7,778	305.30	359	3.92
22134	219	Lilac 3d of Radnor.....	1st	2 years	7,220	337.37	397	4.7

Ayrshire Record No.	Advanced Registry No.	Name of Cow.	Entries.	Class.	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
21094	190	Lady Star..... "..... DAUGHTER.	1st 2d	3 years Mature	7,906 9,425	281.84 349.47	332 411	3.52 3.71
24922	284	Lady Earl.....	1st	2 years	8,034	353.69	416	4.4
18043	48	Lady Wonder 4th..... "..... "..... "..... "..... DAUGHTERS.	1st 2d 3d 4th	2 years Mature Mature Mature	5,606 11,085 10,272 14,634	210.45 415.12 385.91 568.07	248 488 454 668	3.74 3.65 3.75 3.88
24373 29401	364 602	Skylands Marvella..... Skylands Mary.....	1st 1st	2 years 2 years	6,115 7,625	270.07 299.26	318 352	4.39 3.93
15474	710	Lenetta..... DAUGHTER.	1st	Mature	13,248	465.74	548	3.51
24481	505	Lenetta Barcheskie.....	1st	2 years	8,346	270.16	318	3.24
17892	81	Letta Lind of Radnor..... "..... DAUGHTERS.	1st 2d	2 years Mature	8,602 9,254	382.43 358.36	450 422	4.4 3.87
27903 23493	469 657	Viola Lind..... Miss Letta.....	1st 1st	2 years 4 years	7,546 9,370	303.37 354.06	357 417	4.02 3.78
15579	149	Lily 4th of Fairfield Mains..... DAUGHTER.	1st	Mature	9,054	343.76	404	3.8
19749	405	Lily of Barelay..... GRANDDAUGHTER.	1st	Mature	9,225	344.89	406	3.74
22269	299	Lily of Willowmoor..... "..... ".....	1st 2d 3d	2 years 3 years Mature	9,211 12,730 22,106	349.02 479.56 888.70	411 564 1,046	3.79 3.77 4.02

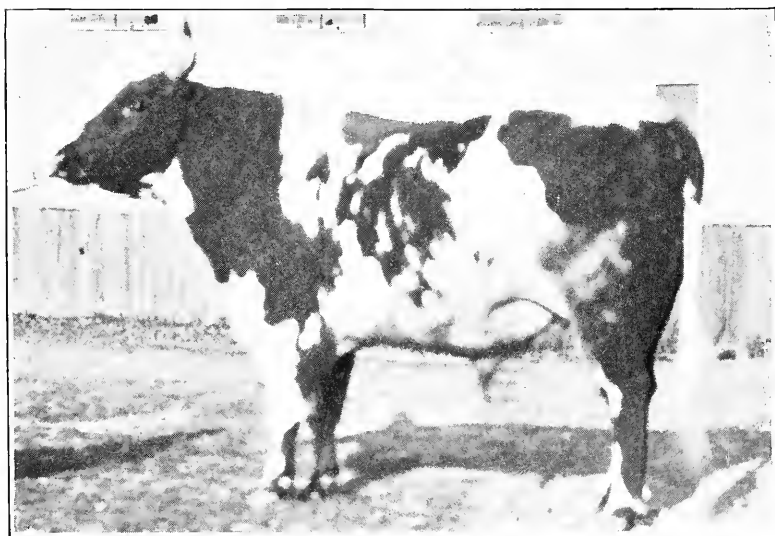
Ayrshire Record No.	Advanced Registry No.	Name of Cow.	Entries.	Class.	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
19749	405	Lily of Barclay.....	1st	Mature	9,225	344.89	406	3.74
		DAUGHTER.						
22269	299	Lily of Willowmoor.....	1st	2 years	9,211	349.02	411	3.79
		" "	2d	3 years	12,730	479.56	564	3.77
		" "	3d	Mature	22,106	888.70	1,046	4.02
23077	321	Lucy J.....	1st	3 years	9,652	407.35	479	4.23
		DAUGHTER.						
26309	665	Lucy's Maid.....	1st	2 years	9,434	365.06	430	3.88
21850	185	Madonna Lass 3d.....	1st	3 years	10,467	429.85	501	4.1
		" "	2d	Mature	12,097	490.67	572	4.05
		" "	3d	Mature	12,007	447.16	522	3.73
29559	681	Daisy Lass.....	1st	2 years	10,773	469.19	552	4.35
16466	130	Mary A. M. 2d.....	1st	Mature	9,782	347.01	408	3.48
		DAUGHTERS.						
22201	344	Madge of Wellington.....	1st	4 years	9,494	390.84	460	4.14
23774	348	Bell of Hill View.....	1st	2 years	7,678	318.26	374	4.14
27763	510	First Quarter.....	1st	2 years	7,763	350.78	413	4.52
23323	164	Matie of Sand Hill.....	1st	2 years	8,212	349.56	411	4.26
		" "	2d	3 years	13,897	593.16	698	4.30
		DAUGHTER.						
27266	440	Maggie of Sand Hill.....	1st	2 years	8,388	377.57	444	4.5
18364	425	May Hebron.....	1st	Mature	12,135	483.29	569	4
		" "	2d	Mature	9,718	393.02	462	4.04
		DAUGHTERS.						
26157	308	May Hebron 2d.....	1st	2 years	8,312	312.63	368	3.76
		" "	2d	3 years	8,049	304.05	358	3.78
		" "	3d	4 years	9,916	374.08	440	3.77
28056	451	Mary Hebron.....	1st	2 years	6,222	236.	278	3.8

Ayrshire Record No.	Advanced Registry No.	Name of Cow.	Entries.	Class.	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
20922	156	May Mitchell..... "..... DAUGHTERS.	1st 2d	Mature Mature	9,419 11,708	355.67 459.56	418 541	3.77 3.92
20923	313	Ethel Mary Stewart.....	1st	Mature	10,859	413.15	486	3.81
24840	600	May Mitchell of Menie.....	1st	Mature	9,979	393.77	463	3.95
20614	62	Mayflower of Seattle..... DAUGHTER.	1st	2 years	6,496	250.01	294	3.85
25343	598	Willowmoor Mayflower.....	1st	2 years	9,115	326.79	384	3.59
17432	76	Megsy Tipperlin..... "..... DAUGHTER.	1st 2d	2 years Mature	7,117 10,701	272.51 399.34	321 470	3.83 3.73
26014	331	Megsy Tipperlin 3d..... ".....	1st 2d	2 years 3 years	9,312 10,126	345.12 381.65	406 449	3.7 3.77
19487	89	Midget of Sand Hill..... "..... "..... DAUGHTER.	1st 2d 3d	3 years 4 years Mature	9,824 11,281 14,433	361.44 421.47 521.86	425 496 614	3.69 3.74 3.62
24719	218	Mable of Sand Hill..... "..... ".....	1st 2d 3d	2 years 3 years 4 years	6,765 12,857 13,362	274.66 501.06 492.42	323 589 579	4.06 3.9 3.69
17997	113	Miss Betty of Spring Hill..... DAUGHTER.	1st	4 years	8,334	304.10	358	3.65
20365;	52	Bessie of Sand Hill..... "..... GRANDDAUGHTERS.	1st 2d	2 years Mature	7,307 11,407	321.97 536.28	379 631	4.41 4.7
24717	324	Blanche of Sand Hill..... ".....	1st 2d	2 years 3 years	9,435 9,267	389.37 359.18	458 413	4.13 3.88
27260	650	Bonnie of Sand Hill.....	1st	3 years	7,563	294.96	347	3.9



KEEPSAKE 2D

Owned by John R. Valentine, Bryn Mawr, Pa.
Record: 12,235 lbs. milk, 534.38 lbs. fat, 623 lbs. butter, 4.37% fat

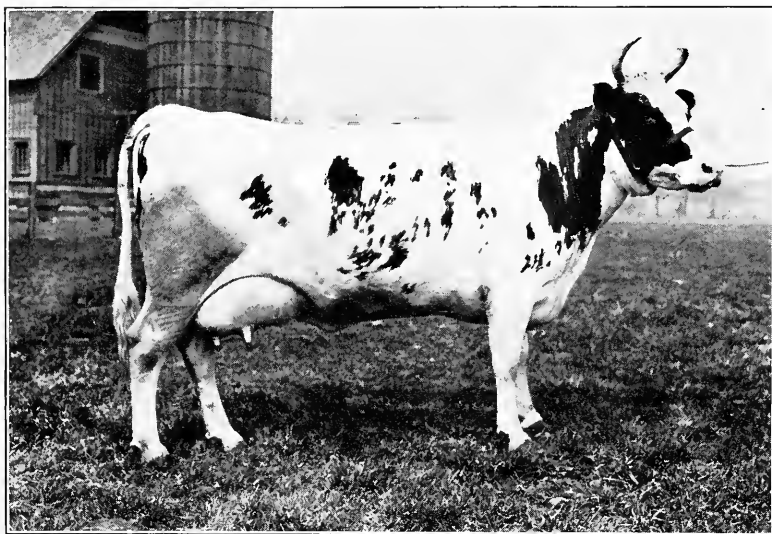


BARCHESKIE'S COPESTONE

Owned by J. A. Ness, Auburn, Me.

Ayrshire Record No.	Advanced Registry No.	Name of Cow.	Entries.	Class.	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
17533	275	Miss Lulian of Barcheskie..... DAUGHTERS.	1st	Mature	8,616	334.44	393	3.89
21739	317	Princess of Maple Grove.....	1st	4 years	9,259	313.03	368	3.38
32049	712	Maple Grove Janet.....	1st	2 years	8,818	325.27	383	3.69
16051	120	Molly Fryer..... DAUGHTER.	1st	Mature	9,741	388.06	457	3.99
20901	171	Hilda Fryer.....	1st	2 years	7,202	272.52	321	3.78
15036	28	Muriel Fox..... DAUGHTER.	1st	2 years	6,685	263.86	310	3.94
18264	42	Muriel Gil.....	1st	2 years	5,914	243.96	287	4.13
23548	223	McAlister's Betty..... " "	1st 2d	2 years 3 years	8,492 14,208	356.29 581.41	419 684	4.2 4.09
28506	584	McAlister's Betty 2d..... DAUGHTER.	1st	2 years	10,021	404.42	476	4.03
15845	543	Nancy of Picton Island..... DAUGHTERS.	1st	Mature	8,942	356.83	420	3.99
24605	589	Castanet.....	1st	3 years	11,144	408.20	480	3.66
27717	678	Snow Drop of South Farm.....	1st	2 years	9,706	460.40	542	4.74
18248	88	Neidpath Lassie 2d..... DAUGHTER.	1st	3 years	6,746	258.06	304	3.83
25296	705	Finlayston Lassie.....	1st	4 years	8,865	395.06	465	4.46
17255	100	Nellie of Highland..... DAUGHTER.	1st	3 years	8,374	331.82	390	3.97
26584	375	Finlayston's Firefly.....	1st	2 years	9,933	421.54	496	4.25

Ayrshire Record No.	Advanced Registry No.	Name of Cow.	Entries.	Class.	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
23289	322	Pauline Ayer of Sunnyside.....	1st	3 years	8,711	343.90	405	3.95
27035	522	Pink Ayer of Sunnyside..... DAUGHTER.	1st	2 years	7,996	276.25	325	3.45
17453	54	Pearl Douglas.....	1st	2 years	6,606	271.72	320	4.11
27565	603	Beldouglas..... DAUGHTER.	1st	4 years	9,035	349.18	411	3.88
17430	22	Petrina of Woodview.....	1st	2 years	7,776	344.78	406	4.44
22465	398	Winnie K..... DAUGHTER.	1st	3 years	8,982	420.76	495	4.69
29121	412	Winnie K. 2d..... GRANDDAUGHTER.	1st	2 years	6,848	310.42	365	4.54
16296	133	Polly Puss.....	1st	Mature	12,632	501.08	590	3.97
25297	354	Polly Puss 2d..... DAUGHTER.	1st	2 years	11,060	461.33	543	4.17
20070	454	Princess Ena.....	1st	Mature	9,151	381.24	449	4.17
23927	417	Princess Fizzaway..... DAUGHTER.	1st	2 years	7,602	296.40	349	3.9
21702	204	Princess Lily.....	1st	Mature	11,771	438.03	515	3.72
24286	426	Willowmoor Princess Lily..... DAUGHTER.	1st	2 years	6,759	253.64	298	3.74
21739	317	Princess of Maple Grove.....	1st	4 years	9,259	313.03	368	3.38
23068	534	Queen of Maple Grove..... DAUGHTER.	1st	4 years	7,809	320.05	377	4.1
17160	337	Prudence Ayer.....	1st	Mature	10,550	412.35	485	3.9
29192	610	Fannie Earl..... DAUGHTER.	1st	2 years	6,913	272.77	321	3.95



FLORENCE MELROSE

Owned by Purdue University, Lafayette, Ind.

Record: 12,349 lbs. milk, 483.05 lbs. fat, 568 lbs. butter, 3.91% fat

Ayrshire Record No.	Advanced Registry No.	Name of Cow.	Entries.	Class.	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
15096	148	Queen of Barclay..... " .. " .. DAUGHTERS. Francis of Barclay..... Queen 2d of Barclay..... Queen of Seattle..... Otero..... Queen's Denty..... GRANDDAUGHTER. Francis 2d of Barclay.....	1st 2d 3d 1st 1st 1st 1st 1st 1st	Mature Mature Mature 2 years 2 years 2 years Mature 4 years 2 years	9,172 11,258 12,557 8,047 9,486 7,896 10,181 7,743 6,819	352.86 414.86 497.89 345.64 364.59 318.12 440.26 294.36 269.54	415 488 585 407 429 374 518 346 317	3.84 3.68 3.97 4.3 3.84 4.03 4.32 3.8 3.95
18337	267	Queen Bertha..... DAUGHTERS. Queen Vashiti..... Bertha's Dewdrop.....	1st 1st	Mature 3 years 2 years	9,903 7,507 6,573	341.25 280.68 270.15	401 330 318	3.44 3.74 4.11
23152 24257	278 362	Queen S..... DAUGHTER. Queen Aileen.....	1st	3 years	8,363	281.59	331	3.37
19897	191	Queen S..... DAUGHTER. Queen Aileen.....	1st	2 years	6,784	281.29	331	4.15
26940	456	Queen Aileen.....	1st	Mature	9,210	438.49	516	4.76
18357	338	Rosie Hebron..... DAUGHTERS. Sarah Hebron..... " .. Floura..... GRANDDAUGHTER. Lucy Hebron.....	1st 1st 2d 1st 1st	Mature 4 years Mature Mature 2 years	10,097 8,709 8,931 9,392	469.17 425.85 360.81 386.22	552 501 424 454	4.64 4.89 4.04 4.11
29193	659	Lucy Hebron.....	1st	2 years	5,621	208.11	245	3.72
15035	30	Rose Ascott..... DAUGHTER. Skyland Maid.....	1st	2 years	9,108	348.60	410	3.83
24370	363	Skyland Maid.....	1st	2 years				

Ayrshire Record No.	Advanced Registry No.	Name of Cow.	Entries.	Class.	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
15026	27	Rose Clockston..... "..... DAUGHTER.	1st 2d	2 years Mature	6,135 11,612	214. 377.49	252 444	3.49 3.25
17511	53	Rose Claymore.....	1st	2 years	6,542	268.52	316	4.1
16188	300	Rose Morning..... DAUGHTER.	1st	Mature	12,564	416.24	490	3.31
27784	572	Little Rose Drummond.....	1st	3 years	12,423	408.68	481	3.29
14539	141	Rena Ross..... "..... DAUGHTER.	1st 2d	Mature Mature	10,065 15,072	438.46 642.86	516 756	4.35 4.26
25295	438	Rena Ross 2d.....	1st	3 years	12,046	467.8	550	3.88
12479	135	Rena Webb..... DAUGHTERS.	1st	Mature	9,366	363.24	427	3.88
21247	72	Rena Ayer..... ".....	1st 2d	2 years 4 years	6,929 10,424	306.72 440.21	361 518	4.42 4.04
14539	141	Rena Ross..... ".....	1st 2d	Mature Mature	10,065 15,072	438.46 642.86	516 756	4.35 4.26
16291	310	Rosanna Webb.....	1st	Mature	11,086	470.38	555	4.24
23251	720	Returns..... DAUGHTER.	1st	Mature	10,693	393.64	463	3.59
27706	587	White Lilly of South Farm.....	1st	2 years	12,022	503.88	593	4.19
22466	433	Roma Ayer..... DAUGHTER.	1st	4 years	7,942	302.84	356	3.81
26943	452	Marcia Ayer.....	1st	2 years	6,912	283.8	334	4.11
15565	119	Ruby Russell..... DAUGHTER.	1st	Mature	8,643	325.86	383	3.77
19963	66	Ruby Russell 3d.....	1st	2 years	6,760	246.17	290	3.63

Ayrshire Record No.	Advanced Registry No.	Name of Cow.	Entries.	Class.	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	$\frac{c}{\%}$ Fat.
23075	367	Sarah Hebron..... "..... DAUGHTER.	1st 2d	4 years Mature	10,097 8,709	469.17 425.85	552 501	4.64 4.89
29193	659	Lucy Hebron.....	1st	2 years	9,392	386.22	454	4.11
23685	295	Skaith Lady Beauty..... "..... DAUGHTER.	1st 2d	Mature Mature	10,491 10,687	378.45 395.99	445 466	3.6 3.71
25985	643	Willowmoor Rare Beauty..... "..... DAUGHTER.	1st	2 years	7,506	316.88	372	4.22
16701	86	Stiletto.....	1st	3 years	6,707	262.93	309	3.92
22599	455	Stella of Mansfield..... "..... DAUGHTER.	1st	4 years	8,650	322.12	379	3.72
17898	296	Swan of Rosemont..... "..... DAUGHTER.	1st	Mature	10,373	411.76	484	3.97
20500	353	Margaret of Rathalla..... "..... DAUGHTER.	1st 2d	4 years Mature	9,586 8,881	380.42 332.55	448 391	3.97 3.75
18723	406	Too Soon..... "..... DAUGHTER.	1st	Mature	10,615	358.13	421	3.37
26941	429	Soon.....	1st	2 years	7,434	303.8	357	4.09
16154	264	Vera..... "..... DAUGHTER.	1st 2d	Mature Mature	10,473 11,068	391.44 388.64	461 458	3.73 3.51
20214	470	Vera 2d.....	1st	Mature	9,111	337.58	397	3.71
29052	217	Wee Jenny of Holehouse..... "..... DAUGHTER.	1st	Mature	10,023	444.81	523	4.23
28503	446	Wee Jenny's Beauty.....	1st	2 years	6,363	283.23	333	4.07

Ayrshire Record No.	Advanced Registry No.	Name of Cow.	Entries.	Class.	Lbs. Milk.	Lbs. Fat.	Lbs. Butter.	% Fat.
19756	75	White Lola..... "..... DAUGHTER.	1st 2d	2 years Mature	8,282 10,058	269.14 384.17	349 452	3.58 3.82
24280	289	Willowmoor White Lola.....	1st	2 years	6,355	244.09	287	3.84
20985	314	White Lily of Menie..... DAUGHTERS.	1st	Mature	9,039	394.90	465	4.36
23542	231	Royal Lily.....	1st	2 years	6,568	291.15	343	4.43
26016	400	Monarch's White Lily.....	1st	2 years	7,749	339.98	400	4.39
22465	398	Winnie K..... DAUGHTER.	1st	3 years	8,982	420.76	495	4.69
29121	412	Winnie K. 2d.....	1st	2 years	6,848	310.42	365	4.54
23033	319	Yarmouth Mayflower..... "..... DAUGHTER.	1st 2d	Mature Mature	11,549 8,783	482.15 326.16	567 384	4.18 3.71
23037	320	Yarmouth Mayflower 2d..... GRANDDAUGHTER.	1st	3 years	7,621	331.4	390	4.34
25435	714	Mayblossom of Maple Grove.....	1st	2 years	8,677	342.60	403	3.95
23037	320	Yarmouth Mayflower 2d..... DAUGHTER.	1st	3 years	7,621	331.4	390	4.34
25435	714	Mayblossom of Maple Grove.....	1st	2 years	8,677	342.60	403	3.95
20002	385	Zena J..... DAUGHTER.	1st	Mature	9,564	327.12	385	3.42
26091	634	Nenabel.....	1st	2 years	10,119	415.91	489	4.11

SOUTH FARM

THE HOME OF A. R. COWS

Three Great Sires are kept on this Farm

IMP. BARGENOCH BONNIE SCOTLAND

The Champion of Scotland, Canada, and the United States

IMP. CRAIGBRAE LORD ROSEBERY

IMP. FOULTON SPICY JOHN

The following A. R. COWS have qualified at THIS FARM
in the last NINE MONTHS.

MATURE COWS

NAME	Lbs. Milk	Lbs. Butter
Imp. Auchenbrain Favourite Beauty 5th...	14,158.00	713.83
Princess Adelaide.....	12,393.00	525.72
Elsbeth of Picton Island.....	12,388.00	593.30
Returns.....	11,917.50	461.92
Ethline.....	11,825.55	526.89
Topsy Blanchard.....	11,169.00	460.74
Belledra.....	10,409.00	468.16
Daisy of Pataskala 2nd.....	9,982.00	501.76
Meg of Picton Island.....	9,363.00	397.08
Orange Blossom.....	9,335.9	436.85
Nancy of Picton Island.....	8,942.00	416.3

FOUR YEAR OLD

Lady May Clayton.....	11,389.00	548.58
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THREE YEAR OLD

Castanet.....	11,141.00	476.23
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TWO YEAR OLD

White Lily of South Farm*.....	12,022.00	587.76
Rebekah of South Farm.....	10,451.00	471.36
Bessie Bell of South Farm.....	9,763.00	460.57
Snow Drop of South Farm.....	9,706.00	537.13
Imp. Lessnessock Narcissus.....	7,731.00	396.06
Imp. Howie's Flora MacDonald.....	6,320.00	316.80

* Champion two year old.

JOHN SHERWIN, Proprietor - - WILLOUGHBY, OHIO

LOANTAKA FARMS

MORRISTOWN :: :: :: NEW JERSEY

On D. L. & W. R. R., 30 miles from New York City



NETHERHALL MASTER (3 yrs.)

1st Dam—Netherhall Brownie 15th.

2nd Dam—Netherhall Brownie 5th.

Dam of the World's Champion Ayrshire Cow.

Record—18,110 Pounds Milk, 911 Pounds Butter.

No Ayrshire bull in the world has a greater milk inheritance than **Netherhall Master**, and he is transmitting his beautiful form and style to all his calves, in a most remarkable manner.

Our herd consists of 45 head of cows and heifers, nearly all of which are imported. Every animal in the herd was entered in the Advanced Registry test last year, and every one qualified, with a large margin to spare.

We Aim to Produce Cattle of the Highest Grade Only

We shall offer for sale one-half of the imported cows this year.

Address all correspondence to

LOANTAKA FARMS

J. W. OGDEN, Prop., Morristown, N. J., or 100 Broadway, New York City

PENSHURST FARM

BULLS

Imported Lessnessock Douglas Monarch, 10020, Sire, Howie's Merry Monarch, 5664, winner of First Prize and Champion at ten of the large shows in Scotland; Dam, Kate 8th of Netherhall, 11609, who produced 883 gallons of milk at 15 years of age from three teats. She is dam of Kate 18th, with a record of 961.6 gallons of milk, Lessnessock Jessie, Advanced Registry, and Lessnessock Gay Scott, head of Lessnessock Herd. Monarch has six daughters in the Advanced Registry, all with first calves.

White Beauty's Prince, Sire, Lessnessock Douglas Monarch, 10020; Dam, Auchenbrain's White Beauty 2nd, 21687, who has just completed a year's official test, March 3rd, producing 14,720.8 lbs. milk, and 747.25 lbs. butter, and due to calve March 15th. In five successive milking periods she has produced 60,945.2 lbs. milk.

Kate's Good Gift, Sire, Lessnessock Good Gift, 7368, whose dam, Netherhall Kate 13th, produced 10,340 lbs. milk in 40 weeks; Dam, Auchenbrain's Brown Kate 4th, 27943. This cow is now on official test, and in five months she produced 10,032.7 lbs. milk. President John R. Valentine, has called Kate "a model Ayrshire cow."

COWS

Our Ayrshire cows are LARGE in size and have LARGE teats.

Our ten best Advanced Registry records average 12,520.3 lbs. milk, and 582 lbs. butter.

Every mature cow in our herd is in the Advanced Registry. The average record of all cows in our herd is 10,461 lbs. milk, 486 lbs. butter. Some of these records were made in two and three year old form.

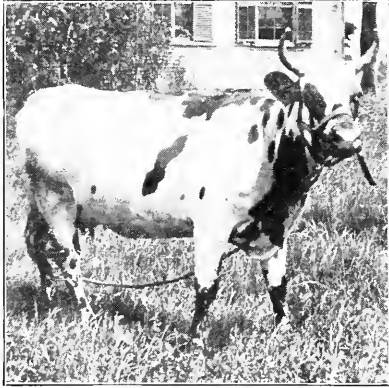
Herd free from Tuberculosis.

Excellent bull calves for sale at reasonable prices.

PENSHURST FARM - - **Narberth, Pa.**

Woodside Farm

AYRSHIRES



BUTTERCUP OF HILLCROFT

Three Year Record, 8287 Lbs. Milk, Testing 4%

RECORD OF TWO YEAR OLDS

Sweet Marie of Woodside	milk 9323	test 4.34
Beauty of Woodside	" 7543	" 4.32
Foulton Primrose	" 7439	" 4.24
Janie of Woodside	" 7180	" 4.12

Correct type. Popular color.

Tuberculin tested.

YOUNG STOCK FOR SALE

H. W. PARDEY - - **Dighton, Mass.**

P. O. Segreganset. Telephone, 159 M. Taunton

Willowmoor Farm Ayrshires

AT THE HEAD OF THE BREED

Lily of Willowmoor, 22,106 lbs. milk, 888.7 lbs. butter fat.

Netherhall Brownie 9th, 18,110 lbs. milk, 820.91 lbs. butter fat.

Gerranton Dora 2nd, 21,023 lbs. milk, 804.79 lbs. butter fat.

Lily of Willowmoor, three years' consecutive record, with first three calves, all official records, 44,047 lbs. milk, 2,020.2 lbs. butter 85% fat.

Lily of Willowmoor was bred and all were owned and developed by Willowmoor Farms, and all their descendants in America are owned by Willowmoor Farms.

Willowmoor Farms herd in its one and only exhibit at the National Dairy Show, Chicago, was awarded both grand prizes of Premier Exhibitor, winning most money on the exhibit as a whole, and Premier Breeder, winning most money on animals bred by the exhibitor.

AT THE HEAD OF THE HERD

Beuchan Peter Pan, Grand Champion, backed by Scotch milk and butter records.

Willowmoor Robin Hood, Champion Breeding Bull, backed by 18,110 lbs. milk, 820.91 lbs. fat.

Willowmoor Sentinel, a Future Champion, backed by 21,025 lbs. milk, 804.79 lbs. fat.

Such cows as the above, bred to these bulls means that Willowmoor Farms will continue to produce Champions. The reason WHY you should have a Willowmoor bred bull in service in your herd.

WILLOWMOOR FARMS **Redmond, Washington**

J. W. Clise, Owner.

-

A. Stone, Manager.



WEBB MAJOR No. 12551

This Bull has a double cross of the famous Ayr strain from which have come most of the big milkers of America; his mother, Rosanna Webb, 16291—A. R. 310, is a full sister of Rena Ross, and the man who raised both cows says Rosanna Webb is the better cow.

We are using this bull on cows of the Ayer strain, and if you are looking for size, vigor, and milking qualities, you want one of these calves.

H. C. McKENZIE, : : : WALTON, N. Y.

JAMES E. SAGUE
Owner

CHAS. R. BRADLEY
Manager

CLIFFDALE FARM

POUGHKEEPSIE, N. Y.

REGISTERED AYRSHIRE CATTLE EXCLUSIVELY

Attention is called to the following

1—Herd now consisting of about 75 head is free from tuberculosis, and will be maintained so by careful and systematic testing.

2—Barns new, and of the most modern sanitary construction.

3—Herd headed by **RYANOGUE INNELLAN**, the son of two Grand Champions at the National Dairy Show, Chicago: Hobsland Innellan, Imp., and Oldhall Ladysmith 4th, Imp.

4—Complete breeding and milk records kept, and all information at the service of customers, so that buyers may know exactly what they are purchasing.

5—All cattle sold are guaranteed free from disease and in all respects as represented.

Farm located on the main road from Poughkeepsie to Connecticut, about three miles from the center of the city, and adjoining Vassar College lands.

Strathglass Farm Ayrshires

IMPORTERS AND BREEDERS

Animals of both sexes and all ages for sale



NETHERHALL TRUE TO TIME (Imp.) No. 14976

Herd headed by Hobsland Gipsy King (Imp.), No. 14546, winner of 1st and Grand Champion at Brockton, 1911; 1st and Reserve Grand Champion at Toronto and Ottawa and Champion at Ayr and Kilmarnock before importation.

Netherhall True to Time (Imp.), No. 14976, from famous Netherhall herd, his grand dam and Brownie 9th full sisters.

Annual importations from the most noted of Scotch herds.
Inspection invited.

HUGH J. CHISHOLM, Owner **JOHN LIVINGSTONE, Supt.**
STRATHGLASS FARM,
Port Chester, New York

The Sand Hill Herd

of Advanced Registry Ayrshires

Is one of the greatest producing herds in America. This herd is headed by the great A. R. sire

EARL'S CHOICE OF SPRING HILL, 8289, A. R. 19

Look up the list of A. R. bulls and see where Earl's Choice stands. You will find him near the head of the list.

He has 27 daughters that gave 236,882 lbs. milk, 10,162.74 lbs. fat, 11,827 lbs. butter, average per cent fat 4.28. None of the above records were made by a mature cow.

Earl's Choice is ably assisted by (Imp.) Netherton St. Andrew, 12570. This bull is getting us some very fine calves. He was selected especially for us by Wm. Hunter from the great producing herd of Thomas Clement, Netherton, Scotland.

Our junior bull, Major Finlay Baron, 14713, was sired by (Imp.) Baron's Best of Bargenoch, 12858. He is a grandson of Finlayston, 8882, and a son of Keepsake 2nd, 26013. A. R. record at 3 years, 12,235 lbs. milk, 623 lbs. butter.

We have made 11 records from 12,044 to 14,433 lbs. milk and 6 records from 609 to 732 lbs. butter.

Mable of Sand Hill, 24719, won the French Cup for 1912 in the 4 year old class with 13,362 lbs. milk and 575 lbs. butter.

Midget of Sand Hill is at the head of the 3 year cumulative record list, with a record of 35,548 lbs. milk, 1,304.77 lbs. fat, and 1,523 lbs. butter, an average per cent fat of 3.73.

Matie of Sand Hill leads in the 2 year cumulative record with 22,109 lbs. milk, 942.72 lbs. fat, and 11,000 lbs. butter, an average per cent of 4.31.

We have a few choice bull calves for sale.

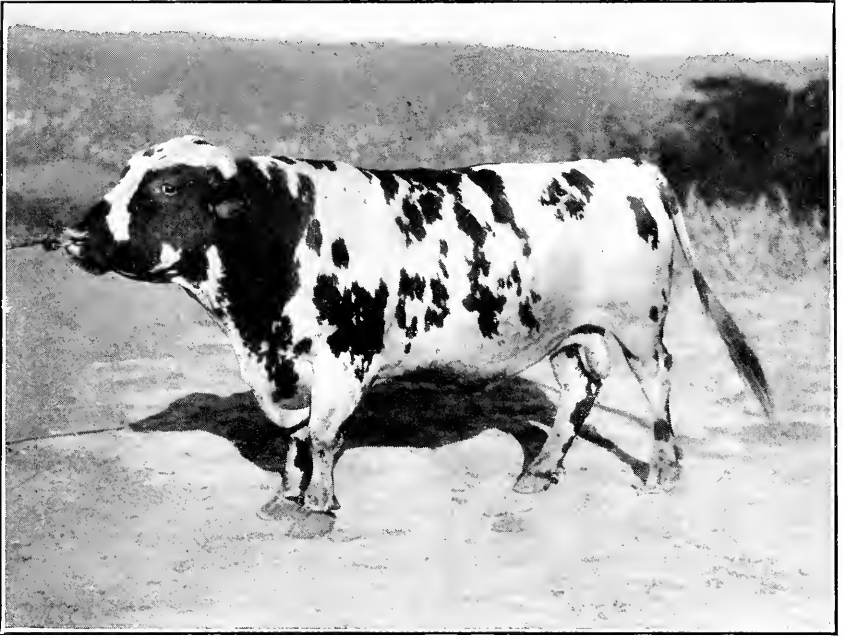
Herd Tuberculin tested. Visitors welcome.

S. S. KARR & SON

ALLEGANY COUNTY

ALMOND, N. Y.

HILL TOP FARM AYRSHIRES



NOX'EMALL, 7312
Leading Ayrshire Sire

Thirty-four A. R. records: 327,892 lbs. milk, 14,837 lbs. butter. Average, 9,644 lbs. milk, 437 lbs. butter.

Two daughters held the two year old Ayrshire record.

One daughter held the three year old Ayrshire record.

Five daughters won the French Cup for the year ending March 31, 1910.

NOX'EMALL is a full brother to Drummondine, the sire of Lily of Willowmoor, champion Ayrshire cow.

LAWRENCE A. REYMANN ESTATE,
Wheeling, W. Va.

HIGHLAND FARM AYRSHIRES

IMPORTERS AND BREEDERS



IMPORTED FINLAYSTON, 8882

Records made by Daughters of Finlayston

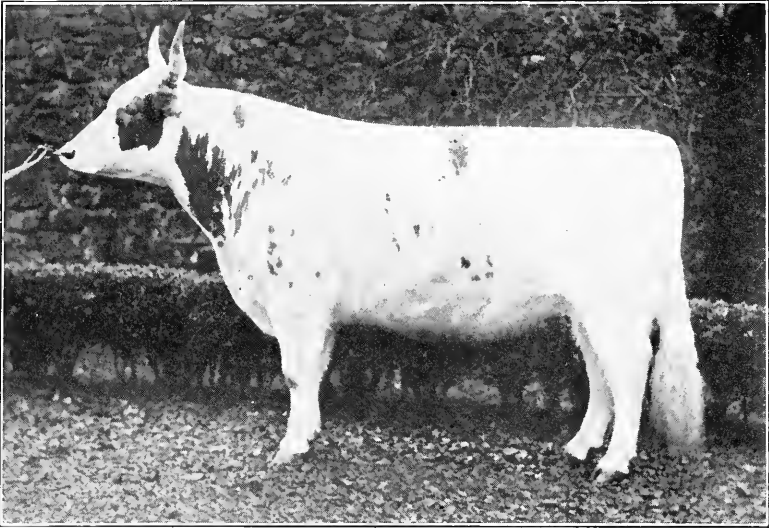
NAME	Age	Milk	Butter	Test
Polly Puss 2nd, 25297.....	2	11,060	583.30	4.178
Kaziah of Highland, 26039.....	2	10,970	498.20	3.951
Finlayston's Ithan, 26585.....	2	10,910	577.83	4.550
Ithan 5th, 26582.....	2	10,382	509.77	4.200
Finlayston's Firefly, 26584.....	2	9,933	492.79	4.254
Finlayston's Fern, 25293.....	2	9,615	441.76	3.985
Bell Ayr 2nd, 21259.....	2	8,819	473.67	4.463
Ithan 4th, 25103.....	2	8,563	386.00	3.863
Ithan 5th, 26582.....	3	13,180	656.55	4.240
Keepsake 2nd, 26013.....	3	12,235	623.44	4.360
Rena Ross 2nd, 25295.....	3	12,043	548.31	3.870
Finlayston's Fern, 25293.....	3	9,113	398.00	3.810
Finlayston's Lady Bell, 26257.....	3	7,957	416.92	4.610
Ithan 4th, 25103.....	3	7,448	344.00	3.950
Rena Ross 2nd, 25295.....	4	11,900	550.00	4.000
Kaziah of Highland, 26039.....	4	10,620	434.25	3.740
Bell Ayr 2nd, 21259.....	4	8,819	482.76	4.563
Finlayston's Lassie, 25296.....	4	8,865	465.00	4.460
Keepsake 2nd, 26013.....	5	12,677	635.00	4.300
Ithan 4th, 25103.....	5	11,439	542.00	3.900
Kaziah of Highland, 26039.....	5	9,702	500.00	4.380
AVERAGE OF TWENTY-ONE RECORDS		10,306	518.30	4.220

Visitors welcome.

Correspondence promptly answered.

HIGHLAND FARM AYRSHIRES

IMPORTERS AND BREEDERS



IMPORTED BARON'S BEST OF BARGENOCH, 12858

Dam SNOWDROP 3RD, with two Records of over 10,000 lbs. of milk, of better than 4%, all in less than 40 weeks.

Sire DURWARD LELY, the sire of Gay Cavalier.

Choice Heifers and Bulls by BARON'S BEST out of FIN-LAYSTON DAUGHTERS a specialty.

Our Imported Stock not only have STYLE and FINISH, but milk with the HOME Bred ones.

Records made by COWS Imported by HIGHLAND FARM

NAME	Age	Milk	Butter	Fat	%
Imp. Garelaugh Spottie.....	Mature	16,070	707	600	3.80
" Merry Minx O'Carston.....	4	9,625	469	398	4.14
" Mona of Torr.....	4	9,555	434	369	3.83
" Abbess of Torr.....	3	14,582	753	640	4.39
(Champion 3 year old.)					
" White Heather of Torr.....	3	10,887	525	449	4.13
" Molly Mill O'Shields.....	3	9,425	478	406	4.31
" Dairy Loudoun.....	2	10,450	490	420	4.02
(Largest RECORD held by an Imported TWO Year Old.)					
" Picken's Dainty 2nd.....	2	8,444	450	383	4.54

Farm located 9 miles from Philadelphia, Pa.

SOME CHOICE YOUNG BULLS AT FARMERS' PRICES

John R. Valentine, Proprietor

P. C. Palmer, Manager

BRYN MAWR, PA.

SUMMIT STOCK FARM

L. D. O'DELL & SON, - - - - CHAFEE, N. Y.

Frontier 'phone 1-R-15

This farm is located on the Pennsylvania Railroad, thirty-three miles from Buffalo, one-half mile from the depot.

Our Herd is Bred for Business.

Special attention being paid to length of teats and shape of udder.

All cows are good size and vigorous.



We are offering for sale a few mature cows and heifers. Young bulls from excellent dams and sires our specialty.



We solicit inspection of our herd and will meet any visitors at the train if notified in advance. Write us.

ALTA CREST FARM

SPENCER, - MASS.



*Devoted
Exclusively*

TO THE BREEDING OF

AYRSHIRES OF QUALITY

Alta Crest Farm Herd of Ayrshires consists of one hundred head, nearly all of which are either Imported or Canadian bred, of the fashionable color and type, bred for constitution, beautiful udders, long teats and deep milking qualities.

The intending purchaser seeking foundation stock, or the breeder in search of new blood to strengthen his herd, will find in stock grown at Alta Crest Farm an enduring vigor coupled with size and quality.

ADDRESS ALL COMMUNICATIONS TO

ARTHUR H. SAGENDORPH

SPENCER, MASSACHUSETTS

BRANFORD FARMS

GROTON, CONN.



AYRSHIRES



Netherhall Good Time 11447 Imp., Auchenbrain
His Eminence 14408 Imp., Nethercraig Spicy Sam 14796
Imp., at service

This herd consists of more than two hundred head, representing blood of the most noted families of the breed.

Detailed information will be given on single animals, or on any number desired. An Ayrshire Show is constantly maintained at these farms and visitors are always welcome.

The Lotus Fields Ayrshires

Challenger of the World

Jean Armour 25487



Authenticated test in 365 days: 20,174 lbs. milk, making 912 lbs. butter.

The following is Jean Armour, taken December, 1912, two months after finishing the above test.



Young Stock For Sale

Address

The Lotus Fields

WEST BERLIN

- - -

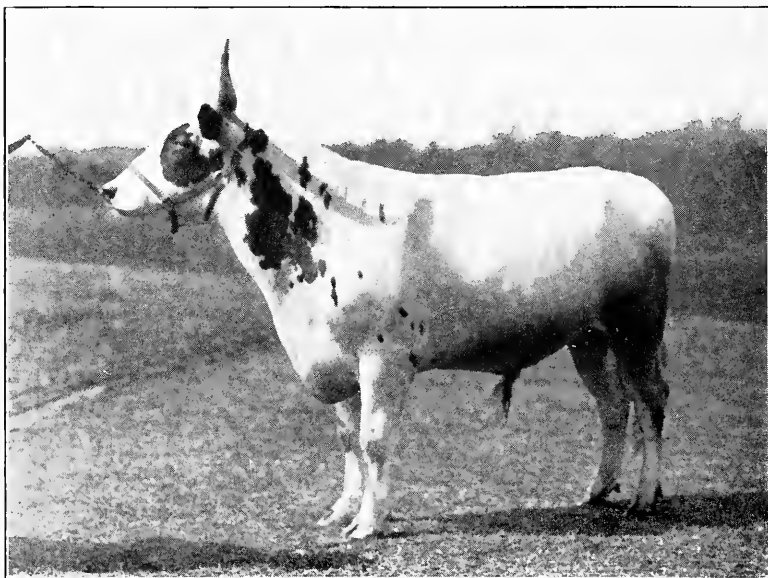
VERMONT

FATHERLAND FARM

BYFIELD, MASS.

F. L. BURKE & SON - - - - Proprietors

Herd headed by
BARGOWER GOLDEN HORN 15189 Imp



The individual excellence of this bull, backed by the breeding on his Sires, through Netherton King Arthur and Bargenoch Durward Lely and the Official Record of 9,206 lbs. of milk from his dam, Bargowan Black Soncie, "24177," and 10,063 lbs. of milk from his paternal grand dam, Craighead Cherry Dewdrop 3d, "18121," should make his get from the Fatherland importation second to none, both as show cows and high producers.

Bull calves for sale.

Address all communications to

GEO. E. STICKNEY

NEWBURYPORT,

MASSACHUSETTS

THE PILOT AYRSHIRE CLUB

OF GOUVERNEUR, NEW YORK

A community of breeders whose aim is to encourage and promote the breeding of the dairy farmer's best profit maker—The AYRSHIRE cow.

Its members are members of the Ayrshire Breeders Association, who own farms and herds of registered Ayrshires in the town of GOUVERNEUR, New York, and who have united their efforts to raise the standard of excellence and to produce a more uniform type of dairy cow such as shall make GOUVERNEUR a recognized center for imported and domestic Ayrshires of great utility.

Ayrshires have been bred here for more than fifty years, and there are at least a dozen herds within an hour's drive of our railroad station, that contain many grand individuals.

Standing at the head of these herds are five choice imported bulls—LESSNESSOCK ARTHUR, Imp. No. 13864—HOWIE'S RINGLEADER, Imp. No. 12582—LESSNESSOCK LIEUTENANT, Imp. No. 12442—TORR'S ADVOCATE, Imp. No. 13865—LESSNESSOCK CASHIER, Imp. No. 14305—together with a half dozen or more of the very best American bred bulls.

For many years we have selected to head our herds, the best bulls we could find and the AYER family—GLENCAIRN 3rd—MOONSTONE—HOWIE'S DAIRY KING—FINLAYSTON—NETHERHALL MASTER—DENTY 9th—RENA ROSS—and many other famous cows and bulls are represented in these herds.

If you want the foundation stock for a choice herd of registered Ayrshires, if you want a bull fit to head any herd, if you want a bunch of heifers, if you want a single cow of merit or a car-load, come to GOUVERNEUR.

REMEMBER that there are more members of the Ayrshire Breeders Association, more herds of Ayrshires, more registered animals to select from, within a little circle here in GOUVERNEUR, than you will find anywhere else, and if you want *size* and *constitution* and *vigor* as well as *beauty* and *utility*, you are quite as apt to find it here on these northern granite rock pastures, as anywhere else in the world.

100 miles north of Syracuse and Utica. Good shipping facilities via American Express and N. Y. C. lines.

Come and see us and see what we have. Visitors always welcome.

Address.

THE PILOT AYRSHIRE CLUB

GOUVERNEUR

--

--

NEW YORK

CLOVER HOME FARM

GOUVERNEUR, NEW YORK

REGISTERED AYRSHIRES

The home of seventy-five head of Ayrshires, selected, bred and fed for profitable dairy results.

Size, dairy quality, rudimentary perfection, beauty and utility are all to be found here.

The bulls heading the herd for 1913 are:—

HOWIE'S RINGLEADER, Imp. No. 12582, "8099," bred by Andrew M. Baird, Garclaugh, Scotland. Dam—GARCLAUGH MANSFIELD 4th—72 lbs. daily. 9,670 lbs. 4.2% milk in 34 weeks.

Sire's dam—CASTLEMAIN'S SWEET MARIE—gave 9,970 lbs. milk in 32 weeks at 16 years of age.

TORR'S ADVOCATE, Imp. No. 13865, "8336," bred by William Lindsay, Torr's, Scotland. Sire:—TORR'S MUCKLE FORTUNE. Dam:—TORR'S CONY 2nd. The grand-sire of this bull was the sire of NETHERHALL BROWNIE 9th, Champion Ayrshire cow of the world—18,810 lbs. milk—958 lbs. butter.

GREAT COMBINATION, No. 13583, bred by the late L. A. Reymann. Sire:—RENA'S CHAMPION, a son of imported FINLAYSTON and the invincible RENA ROSS—15,072 lbs. milk—751 lbs. butter. Dam:—DAISY VERBANK 2nd, a daughter of Imp. HOWIE'S DAIRY KING—nearly 10,000 lbs. milk—400 lbs. butter as a two-year old. GREAT COMBINATION is a remarkably well bred bull and is getting some very handsome calves.

ROSEWOOD'S LADDIE, a youngster of our own breeding—very stylish and full of vigor—is being used with our young heifers taking first service.

This variety of service bulls enables us to use judgment in our breeding operations and you will find at Clover Home Farm thirty-five or more females under two years of age that are as handsome as any you ever saw.

We prefer not to sell heifers until after they freshen for obvious reasons. It has been our privilege to sell the foundation stock for many herds in this and other states. Without permission, we refer you to The Brookside Farm Co., Ft. Wayne, Ind., or to Mr. C. C. Richards, Oaklandon, Ind.

We have about forty cows and heifers in milk and offer for sale ten or fifteen of them to make room for our next lot of heifers coming fresh. Come and see them.

Farm two miles from station—two other choice herds of registered Ayrshires within five minutes' walk from Clover Home.

Herd Tuberculin Tested

GEORGE E. PIKE

GOUVERNEUR

- - -

NEW YORK

FOREST PARK FARM

One mile from Village of Brandon, Vt.

I. N. CHASE, Proprietor



BURNSIDE JANE, 22009

This herd is carefully bred for fashionable markings, and dairy utility, the lines of breeding being from the best importations from Scotland.

Herd free from tuberculosis.

Stock of both sexes for sale.

Herd headed by McDONALD CHIEF, Imported.

Empire State Ayrshire Club

W. P. SCHANCK, Avon,	-	-	-	-	President
AMBIE S. TUBBS, Maple View,					1st Vice-President
A. B. VIRKLER, Carthage,	-	-	-		2nd Vice-President
I. D. KARR, Almond,	-	-	-	-	Treasurer
M. W. DAVISON, Canisteo,	-	-	-	-	Secretary

If you want the best, from the best herds and largest and best breeders in New York State, get next to them through the medium of the Empire State Ayrshire Club.

More than 2,500 cattle to select from.

CORRESPONDENCE SOLICITED

WRITE THE SECRETARY

Lowland Farm Ayrshires

Herd consists of one hundred head Imported, Canadian and American bred cattle.

Advanced registry work was begun in January, 1911, with ten heifers. All qualified with good margins, several giving over 10,000 pounds of milk and 400 pounds of butter fat and all averaging over 9,000 pounds of milk, 360 pounds fat. Have continued this work and will have not less than twenty-three advanced registry certificates in June, 1913.

ANNIE MAY LOUVAN has cumulative record, January 20th, 1911 to January 20th, 1912, 9,803 pounds of milk, 397.25 pounds butter fat. March 12th, 1912 to March 12th, 1913, 13,043 pounds of milk, 562.6 pounds of fat, making total of 22,846 pounds of milk and 959.85 pounds of fat for the two year cumulative record.

Herd is headed by FIZZAWAY CONVERSELY, assisted by LESSNESSNOCK'S CASHIER, Imp., and MORNINGTON CANNON 2nd. We are breeding for correct type, large teats and heavy milking strain. A study of our advanced registry work will convince you that we have the producers and a visit to the herd will convince you we have the correct type and large teats.

Stock of all ages for sale. Will quote price on a foundation herd of A. R. cows, tuberculin tested.

A. F. SPOONER, Proprietor - C. H. HENDRICK, Manager

BROOKSIDE FARM COMPANY

FORT WAYNE, - - - - INDIANA

Breeders of High Class Ayrshires of the right type and color. Selected and bred for profitable dairy purposes. Herd tuberculin tested.

WRITE US FOR PRICES ON YOUNG STOCK

MAPLE ROW STOCK FARM AYRSHIRES

HERD SIRES

White Beauty's Nox-em-all, 14671

O'Carston of Finlayston, 14678

We have seventy-five head of Ayrshires of all ages, and keep none that will not fill the bill in the dairy. Cows of good size, strong constitution, shapely udders, long teats, and quiet disposition.

Young stock from Advanced Registry cows.

Visitors welcome.

F. H. COOKINGHAM

Cherry Creek, Chautauqua Co., N. Y. - Home 'Phone

L. W. WHIPPLE & SON

MALONE, NEW YORK

Breeders of High Class Ayrshires, as good as can be found.

Have always bred for long teats, and got them.

Have young males and females, second remove from the well known Duke Clarence of Barcheskie and King's Own.

Good stock at fair prices, and square deal always.

Ray E. Mead, Greenwood, N. Y.

YOUNG STOCK FOR SALE

Herd consists of descendants of Major Ayer, Clarence's Star and other noted Ayrshires on both sides.

AT HEAD OF HERD STANDS

STATESMAN OF SPRING HILL, 9728 PAULINE STAR, 21090
STATESMAN OF GREENWOOD, 13808

P. O., Andover, N. Y. : : : R. F. D. No. 1

Spruce Row Farm Ayrshires

Herd headed by HOWIE'S CRUSADER, (Imp.). This herd was headed by Dainty Lad of Elm Shade for a number of years, the noted Sire of many great producers, among them being Milk-Maid 7th, the World's Champion Two-Year Old.

Stock of all ages for sale. Both sexes.

EASTON BROTHERS

Charlottetown, - - - - Prince Edward Island

BULRUSH FARM

NORTH BEVERLY, MASS.

Our Foundation Herd consists of twenty-five cows selected individually for size color and type, with extra long teats and heavy milking qualities.

Headed by Imported MONKLAND VICTOR, No. 12484, one of the best sons of Nethercraig White Cockade.

Young stock for sale.

GEO. R. WALES, Prop. - M. A. PATTERSON, Supt.

BELL FARM AYRSHIRES

Bred for production. Thirty-one A. R. milk records.

Herd headed by Silver King of Hillcroft, 10913, and Silver King of Bell Farm, 15013, whose dam, Yucca Douglas, 19504, has three A. R. records. Gave 10,339 lbs. in 10 months.

Stock for sale. Eighty head to select from.

CHAS. J. BELL, -:- HOLLIS, N. H.

THOMAS R. EDMANDS

Ashuelot Farm

SURRY, N. H.

P. O. Address, Keene, N. H.

BREEDER OF REGISTERED AYRSHIRE CATTLE
and BERKSHIRE SWINE

YOUNG STOCK FOR SALE

FOR SALE

Choice young bull calves; descendants of such noted animals as MAJOR AYER, COCK-a-BENDIE, HOWIE'S FIZZAWAY, CROFT JANE DINAH 19th, WHITE FLOSS and many others.

Address all correspondence to

JAMES H. GURNSEY & CO.

WOODHULL, - - - - - NEW YORK

AYRSHIRES

HERD ESTABLISHED IN 1871

All ages, both sexes, bred for practical dairy purposes, size, constitution, disposition, style, length of teat and deep and persistent milkers.

SINGLE ANIMALS OR CAR LOTS

F. D. & E. STOWELL

Successors to L. D. Stowell

Black Creek

Allegany County

New York

CLOVER PATCH FARM

AYRSHIRES

HERD HEADED BY
FINLAYSTON OF CLOVER PATCH 13529

MILTON W. DAVISON
CANISTEO :: :: NEW YORK

MAPLESIDE AYRSHIRES

Herd represented by stock from the following bulls:

WYNEHOLM OF RIDGESIDE, 8320
 BARCHESKIE KING'S OWN, Imp., 9535
 BARGENOCH VICTOR HUGO, Imp., 11952
 MOONSTONE OF DRUMSUIE, Imp., 8228
 HOWIE'S MAJESTIC, Imp., 10000
 and other noted bulls.

Young stock of correct type and color, from heavy producing cows.

Herd tuberculin tested.

DUDLEY WELLS, 2d

Mapleside Farm, - - - - Wethersfield, Conn.

Lake View Farm Ayrshires

Established 1865

BREEDER OF HIGH CLASS AYRSHIRE CATTLE

Herd headed by a son of Netherhall Robin Hood, 11476, Imp. Heifers and Bull Calves for sale at reasonable prices.

F. A. DREW

SOUTH BURLINGTON, :: :: VERMONT

EDELWEISS FARMS

MONROE, WISCONSIN

Breeders and Shippers of Ayrshire Cattle; have been breeding this breed since 1872 and have spared no time and money to secure males of the best breeding to head our herd.

FRED TSCHUDY & SONS

SANDANONAH FARM AYRSHIRES

SANDANONAH FARM

ELLIS W. BENTLEY

Windham

Greene County

New York

Wood Lawn Farm Ayrshires

Herd headed by Imported LESSNESSOCK ARTHUR, No. 13864, a very worthy son of Netherton King Arthur, No. "7431". Dam—Stacklawhill Forest Queen, No. "21194". He was especially selected and imported for us by Mr. Wm. Hunter, from Mr. A. W. Montgomerie's famous herd.

J. A. MARSHALL

Phone No. 7-F-21

Gouverneur, N. Y.

OAKWOOD FARM

AYRSHIRE CATTLE - - SHROPSHIRE SHEEP

Bargenoch, No. 13746, Imp.; Sire, Bargenoch Scott Again, No. 8165; Dam, Bargenoch Hope, No. 27954, Imp. at head of the herd. The females contain the blood lines of the Glencairn, Barcheskie, Auchenbrain and Majestic families.

C. C. RICHARDS, - - - OAKLANDON, INDIANA

Homestead Farm Ayrshires

ON AND AFTER OCTOBER 1

I shall sell twenty-five head of high class Ayrshires. Four young service bulls. Young cows, heifers and heifer calves. From Canadian bred and Imported stock.

GEO. C. CLARK - - - ORFORD, N. H.

Rock Ridge Farm Ayrshires

Torrs Advocate, Imp., No. 13865 heads the herd. His dam, Torrs Cony 2nd, No. 17834 gave, in 43 weeks, 1102 gals. of 3.72% milk. Torrs Advocate was bred by William Lindsay, Torrs, Castle Douglas, Scotland.

STOCK FOR SALE

GEORGE L. RODGER - - - GOUVERNEUR, N. Y.

AYRSHIRES

Surplus Stock For Sale. Let us know your wants.

STORY & JACKSON

NORTH STOCKHOLM - - - NEW YORK

Shipping points, Potsdam or Winthrop

MATTHEW LEGGAT

GILBERT McMILLAN

SPRINGBURN AYRSHIRES

McMILLAN & LEGGAT, Proprietors

Bell Tel. Huntingdon 81-2-1

Telegrams, Huntingdon Carr's, G. T. R. R., Huntingdon, N. Y. C. R. R. (Only a night's ride from either New York or Buffalo)

The oldest herd in Quebec, though under new name and management, still goes on the same. The skill of a life time is at your service when you select from, or through us.

A choice selection of all ages always on hand. Over 1,500 head of registered Ayrshires in immediate vicinity. Write us your wants.

McMILLAN & LEGGAT

TROUT RIVER, QUEBEC

DUNSMORE FARM

ST. ALBANS, VERMONT

LESSNESSOCK MESSENGER, Imported, "8106"

A handsome, stylish four year old of approved type and breeding is now at the head of this herd.

Cows are all under test for Advanced Registry, and several have already qualified with creditable records.

A few very promising bull calves for sale at reasonable prices. If interested, write

GEORGE H. DUNSMORE

R. D. 1

SWANTON, VERMONT

BARCLAY FARM AYRSHIRES

Rosemont

Pennsylvania

Eleven miles from Philadelphia

THE Barclay Farm Herd of Ayrshires has always stood among the first both in Advanced Registry Records and as winners of Blue Ribbons at the leading fairs of the country.

Moonstone of Drumsuie 8228 imp. who stood for many years at the head of this herd, has the following record of

Twenty-two entries of his daughters for
Advanced Registry.

One-half being two-year-old heifers.

Official total average

8679 lbs. milk, 354.65 lbs. fat, 417 lbs. butter, 4.11% fat.

Cows from this herd won championship in dairy contests over all breeds at some of the Western Dairy Shows.

Herd tuberculin tested every year.

Ayrshires of both sexes and all ages for sale.

Foundation stock a specialty.

JOHN COCHRANE, Manager

Bewley Farm Ayrshires

YOUNG STOCK FOR SALE

Descendants of Col. Ayer, Auchenbrain, Barcheskie, Drumsnie and Oldhall stock.

Herd bulls: I. CYRUS OF BEWLEY, No. 11672; Sire, Moonstone of Drumsuie; Grand-dam, Kirsty 7th of Auchenbrain. II. FINLAYSTON'S HOPE OF BEWLEY, No. 14679; Sire, Finlayston, No. 8882, Imp.; Dam, Bargetoch Hope, No. 27954, Imp.

Herd tuberculin tested annually.

DR. EDWARD PARKER DAVIS

Bewley Farm

Newtown, Bucks Co., Pa.

EVERGREEN FARM

Deposit, N. Y.

Ayrshires of all ages for sale at farmer's prices.

LINCOLN AGRICULTURAL SCHOOL

Lincolndale, N. Y.

Bulls, ready for service, for sale, sired by White Chief of Cappelton and Bargeoch Victor Hugo

WOODLAWN FARM

J. A. MARSHALL
Gouverneur, N. Y.

Bell Telephone No. 7-F-21

BARCLAY FARM

Rosemont, Pa.

Advanced Registry and Imported stock for sale.

FRANK L. JOHNSON

Feeding Hills, Mass.

Six miles from Springfield. Electrics every half hour, 5 cent fare. Herd headed by Lessnessock Prince Olaf, Imp.;

Dam, a Scotch A. R. cow; Sire, Lessnessock Gay Scott. Young stock for sale.

CHOCONUT VALLEY HERD

P. BYRNE & SONS

St. Joseph, Pa.

Herd headed by White Prince of Soapstone; Dam, full sister to former A. R. Champion Two Year Old, Hazel of Sand Hill. A large herd of great producers. Stock for sale. Prices moderate. Herd free from tuberculosis.

MAPLEDALE DAIRY FARM

W. E. DICKINSON & SON, Osage, Iowa

Herd headed by Fizzaway's King Beauty. First Prize Senior Bull Calf, Iowa Dairy Show, 1911. Sired by Howie's Fizzaway, whose sire was also sire of Netherhall Brownie 9th.

Bull calves for sale from producing dams.

SAM JONES & SON

Juneau, Wisconsin

Ayrshires of both sexes, and all ages for sale. Stock right. Prices right. Bred for large size, strong constitution, long teats and heavy milkers.

EDWARD L. GULICK

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Four fine bull calves for sale, from six to twenty months old, from the prize herd of Robert Vaughn, Hartford, Vt. Prices between \$30 and \$90.

BEWLEY FARM

Dr. EDWARD P. DAVIS

Newtown, Pa.

Herd in the Advanced Registry Test. Young stock for sale.

SPRINGBURN FARM

McMILLAN & LEGGAT, Trout River, Quebec

If you want record cows like Gerranton Dora 2d, Netherhall Brownie 9th or show cows like Heathflower of Bar-cheskie and Oldhall Ladysmith 4th give the men who selected these in the past a chance for the future.

GEO. L. RODGER

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Farm three and one-half miles from railroad station.
Stock for sale.

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High Class Advanced Registry Stock For Sale.

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Gouverneur, N. Y.

Four Service Bulls. No Inbreeding. Seventy-five females.
Foundation Stock a specialty.

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Bryn Mawr, Pa.

For particulars see pages 146 and 147.

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Write for prices on a few sons of Earl's Choice of Spring Hill.

DIRECTORY—Continued

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Young stock for sale. Popular color, and popular prices.

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Fort Wayne, Indiana

Popular type and profitable in the dairy.

Young stock for sale.

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A few young bulls for sale.

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Bred for popular type and dairy ability.

Young stock for sale.

THE LOTUS FIELDS

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The home of Jean Armour.

Young stock for sale.

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