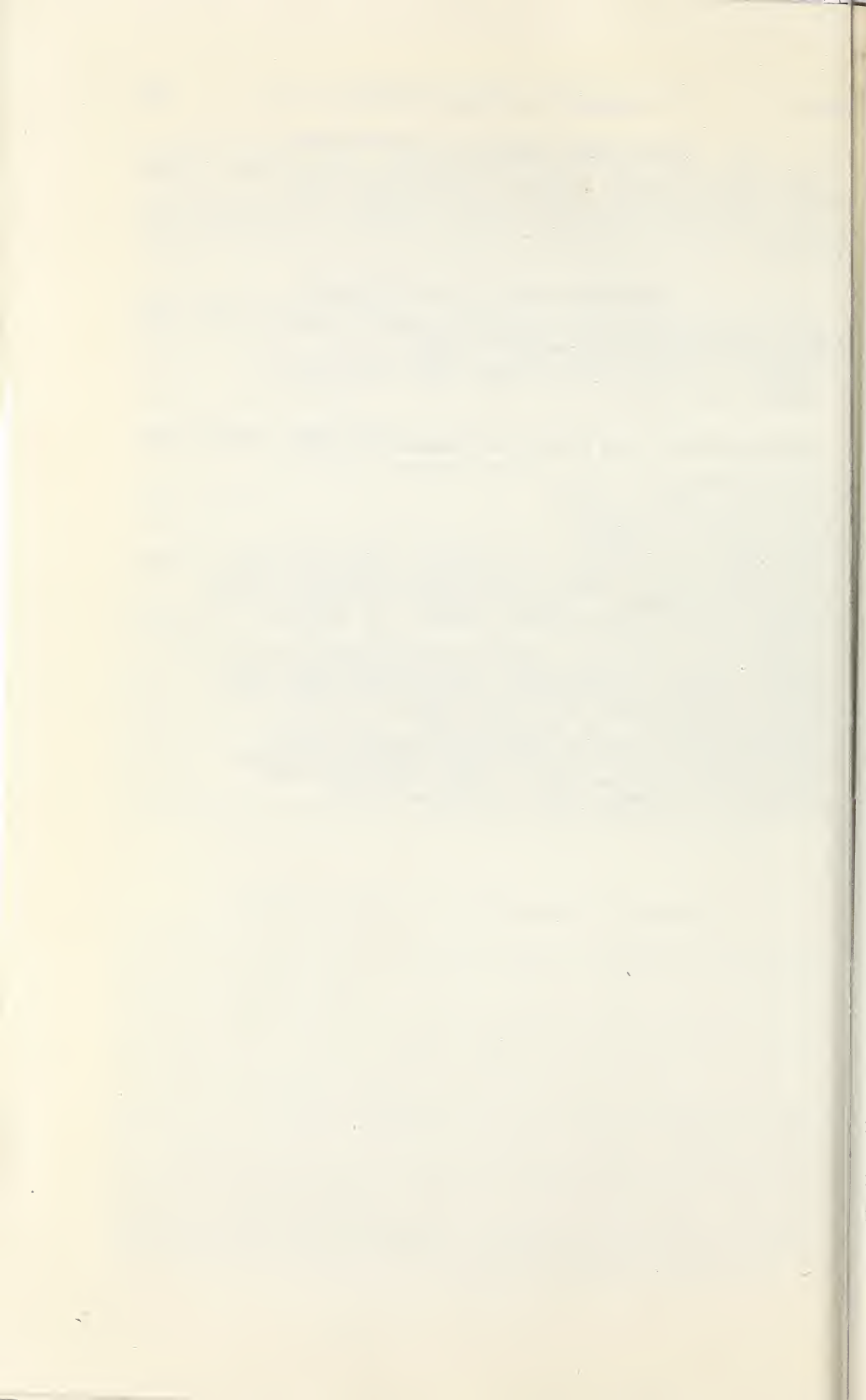


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**UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL RESEARCH ADMINISTRATION**

**SERVICE AND REGULATORY ANNOUNCEMENTS  
BUREAU OF ANIMAL INDUSTRY**

**FEBRUARY 1952**

This publication is issued monthly for the dissemination of information, instructions, rulings, etc. concerning the work of the Bureau of Animal industry. Free distribution is limited to persons in the service of the Bureau, establishments at which official inspection work is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington 25, D. C., at 5 cents each, or 50 cents a year (foreign, 70 cents). A supply will be sent to each official in charge of station or branch of the Bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.

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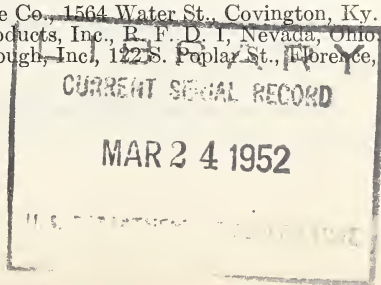
**CHANGES IN DIRECTORY**

**MEAT INSPECTION DIVISION**

**Meat Inspection Granted**

- †280 Rea Serum Co., P. O. box 471, Tallahassee, Fla.
- †702 Specialty Foods Corp., 86 Jacobs Highway; mail, P. O. box 228, Binghamton, N. Y.
- †719 The Joseph N. Rice Co., 1564 Water St., Covington, Ky.
- †887 Wyandot Meat Products, Inc., R. F. D. 1, Nevada, Ohio
- †1019 Southern Frigid-Dough, Inc., 122 S. Poplar St., Florence, Ala.

\*Conducts slaughtering.  
†No sealed cars.



**Change in Name of Official Establishment**

- 661 Quality Meat Packing Co., Alcoa and Packers Aves.; mail, 4512 S. Alcoa Ave., Los Angeles 58, Calif., instead of Krasn Packing Co., Inc.
- 861 Kaufman Meat Co., 8th and Bayshore, San Jose, Calif., instead of T. and J. Meat Corp.
- 866 South San Francisco Cold Storage & Warehouse Co., East Grand Ave., South San Francisco, Calif., instead of United Packing Co., Inc.
- 876 Wm. Coady & Co., 211-213 North Green St., Chicago, Ill., and subsidiary Dearborn Meat Co., instead of Dearborn Meat Co., Inc., and subsidiary Wm. Coady & Co., Inc.

**Change in Address of Official Establishment**

- 61 Emmart Packing Co., Inc., 1228 Story Ave., Louisville 6, Ky., instead of 1202-1218 Story Ave.

**Change of Official in Charge**

Dr. D. W. Anderson succeeds Dr. J. R. Barry (deceased) as inspector in charge at Storm Lake, Iowa.

Mr. J. J. Kneeland succeeds Mr. Harry Kay (retired) as inspector in charge at Portland, Me.

Dr. H. F. Winiecki succeeds Dr. J. D. Lyddy as inspector in charge at Butte, Mont.

Dr. J. D. Lyddy succeeds Dr. W. D. Hoffmaster as inspector in charge at Winona, Minn. (Dr. Hoffmaster transferred to Dr. Briney's force at South St., Joseph, Mo., as assistant inspector in charge).

Dr. W. F. Ball succeeds Dr. M. J. Hatter as inspector in charge at Gouverneur, N. Y. (Dr. Hatter transferred to Dr. Cook's force at Baltimore, Md., as assistant inspector in charge).

Dr. T. E. Utley succeeds Dr. C. G. Haber as inspector in charge at Rochester, N. Y.

Dr. C. G. Haber succeeds Dr. V. W. Routzong (retired) as inspector in charge at Piqua, Ohio.

**Change in Address of Official in Charge**

Dr. W. R. Richards, care Emmart Packing Co., Inc., 1228 Story Ave., Louisville 6, Ky., instead of 639 U. S. Post Office, Court House and Customhouse, Louisville 2.

Dr. L. J. Cook, 212 U. S. Appraisers' Stores Bldg., Gay and Lombard Sts., Baltimore 2, Md., instead of 304-304A U. S. Appraisers' Stores Bldg.

**New Mail Address of Official in Charge**

Mr. E. H. Fatjo, P. O. box 148 (office, 356 U. S. Post Office Bldg., 300 N. E. First Ave.), Miami 1, Fla.

**New Substations**

Covington, Ky., under Cincinnati, Ohio.

Florence, Ala., under Memphis, Tenn.

Nevada, Ohio, under Columbus, Ohio.

Tallahassee, Fla., under Moultrie, Ga.

**Tenants Operating in Official Establishments***Add to List*

Eatwell Provisions, Inc.—Establishment 796.

**STATIONS HANDLING WORK OF SEVERAL DIVISIONS****New Substation (Virus-Serum Control)**

St. Paul, Minn., under Madison, Wis.

**Substation Discontinued (Virus-Serum Control)**

St. Paul, Minn., under Sioux City, Iowa.

**Change in Official in Charge**

Dr. C. B. Roubicek succeeds Dr. C. F. Sierk (resigned) as Western Regional Coordinator, RMA beef cattle breeding project.

Dr. F. J. Mulhern succeeds Dr. E. E. Saulmon as official in charge of inspection and quarantine station in Yuma, Ariz.

R. M. Priode succeeds A. L. Baker in charge of Beef Cattle Research Station, Front Royal, Va. (A. L. Baker being transferred to Denver to assist Dr. R. T. Clark in RMA Beef Cattle Breeding Project).

**Change in Address of Official in Charge**

Dr. C. W. Brown, 501 Iowa Bldg., Des Moines 9, Iowa, omitting the 6th and Grand Ave.

Dr. A. F. Ranney, P. O. box 237 (Office, 218 U. S. Post Office and Court House), Bismarek, N. Dak., instead of Office, 337.

Dr. Herman R. Crookshank, P. O. box 526, Amarillo, Tex., instead of box 1558 (in section State Stations and State Substations at which the Bureau Cooperates).

**Station Discontinued**

El Centro, Calif.: Inspection and quarantine of import animals. (Dr. J. C. Pace transferred to force of Dr. F. J. Mulhern, Yuma, Ariz.)

**Transfer of Station**

The station at Rouses Point, N. Y., handling inspection and quarantine of import-export animals, sanitary handling of import animal by-products, hay, and straw; L. E. Bruncher, in charge, is transferred to Champlain, N. Y., Old Customhouse and Immigration Bldg.

**ANIMAL FOODS INSPECTION**

Canned food and canned or fresh frozen food component for dogs, cats, and like animals, prepared under inspection and certification for the month of January, 1952: 42,259,679 pounds.

**ANIMALS INSPECTED WHEN OFFERED FOR IMPORTATION,  
DECEMBER 1951***Animals Passed for Entry*

Port of entry	Cattle	Swine	Sheep	Goats	Equines	Poultry	Other animals	Total
Canadian border ports . . .	5,577	213	127		776	317		7,010
Mexican border ports . . .					752			752
Ocean ports . . . . .	150	45	31	133	26	256	1	642
<b>Totals:</b>								
December 1951 . . . . .	5,727	258	158	133	1,554	573	1	8,404
December 1950 . . . . .	25,504	109	15,777	254	2,130	171		43,945

Animals refused entry (not included in table):

December 1951, 21 cattle, 1 equine (8 stray Mexican equines).

December 1950, 95 cattle, 1 equine.

**ANIMALS INSPECTED WHEN OFFERED FOR IMPORTATION,  
JANUARY 1952***Animals Passed for Entry*

Port of entry	Cattle	Swine	Sheep	Goats	Equines	Poultry	Other animals	Total
Canadian border ports . . .	4,570	311	93		885	86		5,945
Mexican border ports . . .					487	10		497
Ocean ports . . . . .	133	17	36	88	99	553	2	928
<b>Totals:</b>								
January 1952 . . . . .	4,703	328	129	88	1,471	649	2	7,370
January 1951 . . . . .	23,191	218	2,687		2,932	209	2	29,239

Animals refused entry (not included in table):

January 1952, 26 cattle (12 stray Mexican equines).

January 1951, 58 cattle, 18 equines.



**ANIMALS SLAUGHTERED UNDER FEDERAL MEAT INSPECTION,  
DECEMBER 31, 1951 TO JANUARY 26, 1952**

Region and city	Cattle	Calves	Sheep	Goats	Swine
North Atlantic States.....	86,688	56,262	187,759	11	536,041
South Atlantic States.....	17,173	10,466	137		217,935
East North Central States.....	219,025	125,816	114,889	12	1,544,899
Northwest North Central States.....	256,158	53,958	323,844	2	2,257,165
Southwest North Central States.....	109,057	19,815	81,697	1	617,650
South Central States.....	90,860	43,640	27,361	879	401,976
Mountain States.....	46,291	2,620	44,367	654	109,791
Pacific States.....	137,351	18,333	111,680	8	275,107
<b>Total.....</b>	<b>962,603</b>	<b>330,910</b>	<b>891,234</b>	<b>1,367</b>	<b>5,060,564</b>
Hawaii and Virgin Islands.....	888	4			
<b>Total.....</b>	<b>963,491</b>	<b>330,914</b>	<b>891,234</b>	<b>1,367</b>	<b>5,960,564</b>

**MEAT AND MEAT FOOD PRODUCTS INSPECTED WHEN OFFERED FOR  
IMPORTATION, JANUARY 1952**

Country of origin	Chilled and frozen fresh meats		Canned and cured	Other products	Total
	Beef	Other			
	Pounds	Pounds			
Argentina.....			7,927,603	10,000	7,937,603
Australia.....			142,800		142,800
Brazil.....			632,095		632,095
Canada.....	1,034,471	2,386,201	1,791,799	145,406	5,357,877
Denmark.....			866,620	2,096	868,716
Dominican Republic.....	202,458	29,303		999	232,760
France.....			2,648		2,648
Netherlands.....			1,236,967	5,240	1,242,207
Ireland.....	2,534,770	76,015	484	9,555	2,620,340
Italy.....				105,967	106,451
Mexico.....			8,840,211		8,840,211
New Zealand.....				8,022	8,022
Norway.....			1,526		1,526
Paraguay.....			362,311		362,311
Poland.....			507,142		507,142
Sweden.....			16,153		16,153
Switzerland.....			68		68
Uruguay.....			569,753		569,753
<b>Total.....</b>	<b>3,771,699</b>	<b>2,491,519</b>	<b>22,898,180</b>	<b>287,285</b>	<b>29,448,683</b>

Condemned products: Canned corn beef, 380 pounds; canned roast beef, 48 pounds; beef, 42,854 pounds; pork, 7,935 pounds; miscellaneous, 100 pounds. Total, 51,317 pounds.

Refused entry: Canned corn beef, 841 pounds; beef, 103,337 pounds; pork, 14,403 pounds; miscellaneous, 300 pounds; total, 118,881 pounds.

**MEAT AND MEAT FOOD PRODUCTS CERTIFIED FOR EXPORT, JANUARY  
1952, WITH COMPARABLE FIGURES FOR JANUARY 1951**

Product	Quantity during—		Product	Quantity during—	
	January 1952	January 1951		January 1952	January 1951
	<i>Pounds</i>	<i>Pounds</i>		<i>Pounds</i>	<i>Pounds</i>
<b>Beef and veal:</b>			<b>Sausage and luncheon meat . . . . .</b>	604,028	158,997
Fresh . . . . .	466,970	255,525	<b>Lard . . . . .</b>	12,340,079	40,952,267
Cured or smoked . . . . .	410,971	899,438	<b>Rendered pork fat . . . . .</b>	5,858,345	1,436,307
Canned . . . . .	46,619	433,001	<b>Other edible fats and oils . . . . .</b>	3,211,018	1,263,041
Edible organs . . . . .	438,585	288,871			
Miscellaneous . . . . .	13,879				
<b>Total . . . . .</b>	<b>1,377,024</b>	<b>1,876,835</b>	<b>Total, fats and oils . . . . .</b>	<b>21,409,442</b>	<b>43,651,615</b>
<b>Mutton and lamb:</b>			<b>Canned miscellaneous . . . . .</b>	510,682	
Fresh . . . . .	43,714	36,377			
Canned . . . . .	77	5,403	<b>Grand total . . . . .</b>	<b>36,773,493</b>	<b>56,294,637</b>
Edible organs . . . . .	2,577	21,789			
Miscellaneous . . . . .	6,781				
<b>Total . . . . .</b>	<b>53,149</b>	<b>63,569</b>	<b>Horse meat:</b>		
<b>Pork:</b>			Fresh . . . . .	969,649	1,507,801
Fresh . . . . .	1,673,675	1,145,767	Cured or smoked . . . . .	601,984	
Cured or smoked . . . . .	9,954,042	8,709,482	Canned . . . . .	9,750	
Canned . . . . .	364,085	395,512	Edible organs . . . . .	23,161	
Edible organs . . . . .	809,795	281,616			
Miscellaneous . . . . .	17,571	11,244	<b>Total . . . . .</b>	<b>1,604,544</b>	<b>1,507,801</b>
<b>Total . . . . .</b>	<b>12,819,168</b>	<b>10,543,621</b>			

**MEAT AND MEAT FOOD PRODUCTS PREPARED UNDER FEDERAL  
INSPECTION, FROM DECEMBER 30, 1951 TO JANUARY 26, 1952**

Product	Quantity		
	Pounds	3 Pounds or over	Under 3 Pounds
<b>Cured:</b>			
Beef.....	7,438,115		
Pork.....	296,891,719		
Other.....	79,737		
<b>Smoked and dried:</b>			
Beef.....	4,141,767		
Pork.....	173,659,696		
<b>Cooked:</b>			
Beef.....	5,346,679		
Pork.....	30,389,509		
Other.....	293,622		
<b>Sausage:</b>			
Fresh finished.....	19,976,770		
To be dried or semidried.....	7,921,518		
Franks, weiners.....	33,154,846		
Other.....	38,495,040		
Loaf head cheese, chili.....	13,543,186		
Steaks, chops, roasts.....	83,744,578		
Bouillon cube extract.....	171,456		
Sliced bacon.....	60,216,028		
Sliced other.....	2,520,012		
Hamburger.....	14,538,317		
Miscellaneous meat product.....	3,188,834		
Lard, rendered.....	207,789,790		
Lard, refined.....	141,902,997		
Oleo stock.....	8,091,444		
Edible tallow.....	5,852,603		
Rendered pork fat, rendered.....	9,836,244		
Rendered pork fat, refined.....	4,982,926		
Compound containing animal fat.....	21,295,961		
Oleo containing animal fat.....	1,625,627		
Canned products.....	152,812,018		
<b>Total.....</b>	<b>1,349,901,039</b>		
<b>CANNED PRODUCTS</b>			
Luncheon meat.....	30,398,663	18,138,373	12,260,290
Canned hams.....	19,058,080	18,427,842	630,238
Corned beef hash.....	4,919,754	167,970	4,751,784
Chili con carne.....	7,365,504	935,805	6,429,699
Viennas.....	2,571,962	140,703	2,431,259
Franks, wieners in brine.....	969,772	55,080	914,692
Deviled ham.....	613,863		613,863
Other potted deviled products.....	1,864,009		1,864,009
Tamales.....	2,957,740	263,197	2,694,543
Sliced dried beef.....	462,521	42,909	419,612
Liver product.....	131,347		131,347
Meat stew, all products.....	6,193,331	44,827	6,148,504
Spaghetti meat products.....	5,869,487	76,735	5,792,752
Tongue, not pickled.....	431,679	32,902	398,777
Vinegar pickled products.....	2,907,876	1,323,403	1,584,473
Bulk sausage.....	738,779		738,779
Hamburger, roasted corned beef.....	950,021	22,388	927,633
Soups.....	38,242,418	1,115,751	37,126,667
Sausage in oil.....	368,532	136,716	231,816
Tripe.....	881,207	642	880,565
Brains.....	400,176		400,176
Bacon.....	279,799	14,155	265,644
Other, 20 percent more.....	5,770,618	394,631	5,375,987
Other, 20 percent less.....	9,627,797	49,504	9,578,293
<b>Total.....</b>	<b>143,974,935</b>	<b>41,383,533</b>	<b>102,591,402</b>
<b>HORSE MEAT PRODUCTS</b>			
Cured.....	422,763		
Chopped.....	3,610,650		
Edible oil.....	422,693		
Canned horse meat.....	642,515		
<b>Total.....</b>	<b>5,098,621</b>		

<sup>1</sup> Does not include canned products prepared for department of Defense.



**SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION  
WITH STATES, JANUARY 1952**

State or Territory	Tuberculin tests during month			Accredited herds	Herds under supervision	Inspector in charge	State official
	Cattle	In-fected pre-mises	Re-acted				
Alabama.....	5,235	5	5	61	270,936	B. N. Lauderdale.....	J. G. Milligan, Montgomery
Arizona.....	1,102	0	0	1	12,418	Ward R. Lee.....	R. J. Hight, Phoenix
Arkansas.....	1,443	0	0	0	228,256	A. W. Rice.....	J. S. Campbell, Little Rock
California.....	52,486	13	25	3	74,669	W. A. McDonald.....	A. K. Carr, Sacramento
Colorado.....	4,979	5	6	19	60,846	H. E. Schauld.....	M. N. Riemenschneider Denver
Connecticut.....	19,006	6	17	10,986	11,024	E. M. Aldrich.....	J. V. Smith, Hartford
Delaware.....	3,251	1	2	1,659	6,725	O. L. Lockwood.....	Harry McDaniel, Jr., Dover
Florida.....	12,119	0	0	21	67,656	T. H. Applewhite.....	J. V. Knapp, Tallahassee
Georgia.....	7,696	2	2	29	244,555	C. J. Mikel.....	Tom Linder, Atlanta
Idaho.....	7,207	0	0	5	54,600	T. R. Myers.....	A. P. Schneider, Boise
Illinois.....	35,159	58	128	716	245,566	N. H. Howlett.....	R. A. Thompson, Springfield
Indiana.....	43,872	69	129	888	147,750	T. K. Jones.....	R. W. Elrod, Indianapolis
Iowa.....	62,121	56	79	75	209,000	C. W. Brown.....	H. U. Garrett, Des Moines
Kansas.....	25,040	11	15	138	171,332	D. B. Pellette.....	A. G. Pickett, Topeka
Kentucky.....	4,038	1	1	13	108,660	E. E. Coshow.....	L. L. Breeck, Frankfort
Louisiana.....	415	0	0	0	148,804	E. C. Hughes.....	F. B. Wheeler, Baton Rouge
Maine.....	8,126	1	1	199	43,817	B. J. Cady.....	Francis G. Buzzell, Augusta
Maryland.....	14,402	8	14	14,897	47,419	O. L. Lockwood.....	A. L. Brueckner, Baltimore
Massachusetts.....	24,514	2	26	10,773	11,770	E. M. Aldrich.....	William Casey, Boston
Michigan.....	9,658	38	53	40	150,000	C. H. Hays.....	Lee Davisson, Lansing
Minnesota.....	17,453	8	10	131	157,983	F. C. Driver.....	Ralph L. West, St. Paul
Mississippi.....	4,160	0	0	31	260,207	L. J. Pate.....	V. Chadwick, Jackson
Missouri.....	11,395	3	3	57	239,687	F. F. Fischer.....	H. E. Curry, Jefferson City
Montana.....	646	0	0	19	73,003	G. W. Cronen.....	H. F. Wilkins, Helena
Nebraska.....	8,728	2	2	24	135,277	J. E. Peterman.....	E. P. Anderson, Lincoln
Nevada.....	1,326	0	0	0	3,441	E. E. Maas.....	W. B. Earl, Reno
New Hampshire.....	26,088	0	0	8,898	9,209	E. M. Aldrich.....	R. A. Smith, Concord
New Jersey.....	28,465	24	48	10,263	11,275	J. R. Porteus.....	R. W. Henderson, Trenton
New Mexico.....	1,266	0	0	6	25,450	L. E. Patton.....	F. L. Schneider, Albuquerque
New York.....	146,111	51	173	114,497	116,165	L. R. Barnes.....	Ivan G. Howe, Albany
North Carolina.....	6,749	1	7	1,462	256,713	A. A. Husman.....	H. J. Rollins, Raleigh
North Dakota.....	402	1	1	56	68,003	A. F. Ranney.....	T. O. Brandenburger, Bismarck
Ohio.....	63,617	90	92	1,015	198,343	R. L. Knudson.....	Harry Geyer, Columbus
Oklahoma.....	9,990	3	3	11	150,267	R. K. Benn.....	D. H. Ricks, Oklahoma City
Oregon.....	16,389	1	1	8	124,184	A. G. Beagle.....	R. R. Younce, Salem
Pennsylvania.....	23,928	11	22	5,767	133,176	W. E. Logan.....	H. A. Milo, Harrisburg
Rhode Island.....	2,302	2	2	1,687	1,853	E. M. Aldrich.....	J. S. Barber, Providence
South Carolina.....	5,466	1	1	174	64,052	T. W. Boman.....	R. A. Mays, Columbia
South Dakota.....	9,948	5	28	10	59,853	M. M. Davis.....	R. S. Robinson, Pierre
Tennessee.....	1,644	1	1	27	295,216	H. L. Fry.....	C. E. Kord, Nashville
Texas.....	13,354	8	14	46	373,281	H. L. Darby.....	G. A. Kay, Fort Worth
Utah.....	2,173	2	2	4	84,000	F. H. Melvin.....	J. I. Curtis, Salt Lake City
Vermont.....	39,014	5	12	1,859	17,333	M. L. Bryant.....	Stanley Judd, Montpelier
Virginia.....	18,820	2	4	581	199,500	H. S. Miller.....	W. L. Bendix, Richmond
Washington.....	4,483	7	44	2	89,075	F. M. Shigley.....	A. E. Crouse, act'g Olympia
West Virginia.....	5,068	0	0	296	116,197	E. R. Coon.....	T. C. Green, Charleston
Wisconsin.....	32,365	7	25	1,075	150,276	W. R. Winner.....	H. J. O'Connell, Madison
Wyoming.....	538	0	0	4	21,893	W. I. Bowersox.....	George H. Good, Cheyenne
Hawaii.....	0	0	0	0	1,800	A. H. Julien.....	E. H. Willers, Honolulu
Puerto Rico.....	2,333	1	6	0	62,554	Cesar Clavell.....	R. C. Torres, San Juan
Virgin Islands.....	0	0	0	0	420	Cesar Clavell.....	
Total.....	846,090	512	1,004	188,533	5,815,489		

**SUMMARY OF BRUCELLOSIS WORK IN COOPERATION WITH STATES,  
JANUARY 1952<sup>1</sup>**

State or Territory	Tests made of blood samples during month		Tests of herds containing reactors				Calves vaccinated during month	Brucellosis Ring tests			Total certified		Herds under supervision
	Herds	Cattle	Herds	Cattle	Reactors			Herds tested	Positive herds	Modified certified counties	Herds	Cattle	
					For slaughter	Held in calfhood vaccinated herds <sup>2</sup>							
Alabama	370	6,723	85	2,612	207	28	6,570	0	0	0	64	2,108	185,278
Arizona	255	2,096	15	531	11	26	887	0	0	0	1	83	17,014
Arkansas	539	4,537	130	1,877	240	97	10,523	0	0	0	7	277	2,114
California	0	0	0	0	0	0	33,526	0	0	0	0	0	27,117
Colorado	1,685	10,740	176	2,617	421	0	15,891	38	12	0	1	45	10,046
Connecticut	223	3,262	13	248	2	18	2,122	0	0	0	0	761	11,311
Delaware	103	1,435	16	376	32	1	528	0	0	0	0	297	4,225
Florida	224	6,757	39	1,200	7	57	2,156	0	0	0	0	48	4,058
Georgia	955	14,942	175	5,929	656	6	603	0	0	35	68	4,936	112,417
Idaho	260	2,490	35	673	3	93	9,801	0	0	8	43	694	49,062
Illinois	4,953	40,062	618	12,052	744	794	16,995	1,581	719	0	134	3,602	209,766
Indiana	2,582	19,410	365	5,364	304	470	4,319	0	4	1,035	19,143	2,579	18,120
Iowa	3,521	16,349	485	8,911	1,043	0	11,099	45	12	0	535	7,125	43,120
Kentucky	371	5,167	50	1,076	42	62	6,282	0	0	0	4	270	44,510
Louisiana	389	2,726	137	1,697	344	0	4,368	0	0	0	0	0	68,486
Maine	1,203	14,381	74	1,597	129	20	1,166	0	16	286	7,747	44,036	
Maryland	460	7,262	41	990	64	24	3,776	0	0	4	4,146	72,751	28,734
Massachusetts	7	396	3	171	0	6	1,591	0	0	0	154	6,721	8,146
Michigan	1,196	17,268	139	2,793	58	272	2,093	180	113	32	247	7,334	55,540
Minnesota	1,949	32,423	591	11,155	624	603	5,078	15,892	4,078	23	121	4,109	58,802
Mississippi	715	7,363	260	3,032	310	15	8,965	0	0	0	2	109	18,288
Missouri	1,302	9,025	318	3,938	88	675	7,132	0	0	0	12	773	80,962
Montana	300	4,265	47	1,165	0	192	16,039	0	0	0	15	856	5,797
Nevada	45	484	3	57	4	3	880	0	0	0	17	466	953
New Hampshire	1,201	15,411	48	1,021	58	7	988	0	3	10	6,327	50,163	9,508
New Jersey	492	9,053	55	1,739	76	61	2,447	13	8	1	1,898	28,620	6,889
New Mexico	377	3,896	21	361	37	0	2,434	0	0	0	37	2,205	10,894
New York	2,629	41,281	627	15,200	0	1,556	41,006	457	295	0	11,225	170,754	79,613
North Carolina	1,626	22,043	74	1,952	117	0	127	0	0	100	1,328	43,313	249,034
North Dakota	710	11,400	85	2,002	286	1	2,624	69	8	11	33	1,143	30,871
Ohio	3,418	24,674	381	4,623	500	270	7,807	2,917	1,618	1	1,706	29,002	83,891
Oklahoma	567	5,725	126	2,500	303	0	4,367	0	0	0	176	3,530	14,922
Oregon	2,263	22,782	87	3,683	189	0	6,368	0	0	17	0	0	110,073
Pennsylvania	3,645	36,388	272	4,329	517	16	10,617	0	0	24	8,976	200,865	68,681
Rhode Island	8	402	0	0	0	0	111	0	0	0	31	1,397	141
South Carolina	656	9,877	60	2,513	134	15	390	0	0	10	355	19,116	43,996
South Dakota	60	1,566	10	315	2	17	1,072	0	0	0	1	144	3,094
Tennessee	175	3,555	32	751	53	13	10,478	0	0	0	552	11,383	23,765
Texas	1,695	7,218	192	742	389	0	1,748	0	0	0	84	2,630	1,748
Utah	307	2,434	23	505	39	15	1,349	0	0	0	2	33	17,943
Vermont	327	5,508	53	1,619	0	147	3,013	0	0	0	1,042	22,408	9,389
Virginia	752	11,801	128	2,970	131	339	6,076	0	0	5	249	14,765	190,107
Washington	661	8,831	83	2,643	165	13	9,899	300	123	10	0	0	69,015
West Virginia	407	7,136	39	1,218	66	0	849	1	0	25	401	8,568	85,413
Wisconsin	8,945	181,102	4,712	105,925	2,681	14,340	40,910	18,061	7,556	2	7,160	218,717	128,569
Wyoming	212	2,187	21	931	79	0	8,507	0	0	0	4	281	5,293
Puerto Rico	188	4,146	26	1,472	41	3	970	0	0	20	0	0	21,661
Total	55,528	667,979	10,970	229,075	11,196	20,275	336,547	39,554	14,542	358	49,585	987,779	2,369,961

<sup>1</sup> Officials in charge are the same as those listed for tuberculosis eradication work.<sup>2</sup> Non-vaccinated reactors held during the month.<sup>3</sup> Herds average 20 cows.

## HOG CHOLERA PRODUCTS PREPARED UNDER LICENSE, JANUARY 1952

*Anti-hog-cholera serum*

Period	Preserved (processed)	Completed (batched)	Released	Destroyed
	<i>Cc.</i>	<i>Cc.</i>	<i>Cc.</i>	<i>Cc.</i>
January 1952.....	109,887,389	106,367,330	90,328,500	613,700
January 1951.....	151,552,592	156,878,225	136,299,970	815,950
7 months ended—				
January 1952.....	812,451,275	830,244,391	784,360,310	9,202,256
January 1951.....	967,515,512	961,239,927	983,935,475	5,854,664

*Hog-cholera virus*

Period	Produced			Destroyed	
	Simultaneous	Hyperim- munizing	Inoculating	Simultaneous	Hyperim- munizing
	<i>Cc.</i>	<i>Cc.</i>	<i>Cc.</i>	<i>Cc.</i>	<i>Cc.</i>
January 1952.....	3,004,957	25,240,792	74,831	324,985	556,364
January 1951.....	4,851,775	33,729,905	368,345	392,039	1,016,860
7 months ended—					
January 1952....	37,485,245	158,707,871	610,172	4,164,875	4,108,698
January 1951....	45,367,326	192,969,384	928,894	4,157,995	5,890,128

*Hog-cholera vaccine*

Period	Produced	Destroyed	Satisfactorily tested	Sold
	<i>Doses</i>	<i>Doses</i>	<i>Doses</i>	<i>Doses</i>
January 1952.....	1,773,805	1,328,123	622,575	547,649
7 months ended January 1952.....	18,615,504	8,086,437	12,464,656	5,950,753

INSPECTIONS AND TESTS IN THE PRODUCTION OF HOG-CHOLERA VIRUS  
AND SERUM UNDER LICENSES, JANUARY 1952

Period	Animal in- spections	Animal re- jections	Pigs in- oculated	Hogs hypered	Tests supervised	
					Serum	Virus
January 1952.....	319,483	4,003	28,541	19,185	250	71
January 1951.....	425,197	4,467	37,714	25,082	294	129
7 months ended—						
January 1952.....	2,244,953	27,822	179,490	123,830	2,203	1,090
January 1951.....	2,630,441	26,264	219,319	147,220	2,552	1,309

### BIOLOGICAL PRODUCTS PRODUCED AND DESTROYED IN LICENSED ESTABLISHMENTS DURING CALENDAR YEAR ENDED DECEMBER 31, 1951

(Exclusive of anti-hog-cholera serum and hog-cholera virus)  
(Cubic centimeters, unless otherwise stated)

ANTITOXINS		
	<i>Produced</i>	<i>Destroyed</i>
Tetanus antitoxin . . . . . units ..	454,660,000	13,329,750
Other antitoxins . . . . . units ..	92,229,450	4,117,500
Total . . . . . units ..	546,889,450	17,447,250
SERUMS		
Antianthrax serum . . . . .	1,114,300	59,850
Antibacterial serum (bovine) . . . . .	1,435,890	7,850
Antibacterial serum (canine) . . . . .	730,000	193,710
Antibacterial serum (equine) . . . . .	684,650	43,000
Antibacterial serum (feline) . . . . .	399,530	17,850
Anti-canine-distemper serum . . . . .	9,972,940	87,737
Anti-corynebacterium-pasteurella serum . . . . .	16,183,650	53,350
Anti-hemorrhagic-septicemia serum . . . . .	45,154,315	194,390
Anti-swine-erysipelas serum . . . . .	96,980,085	195,750
Normal serum . . . . .	1,900,970	204,910
Other serums . . . . .	15,604,270	162,480
Total . . . . .	190,160,600	1,220,877
AGGRESSINS		
Blackleg cultural aggressin . . . . .	751,150	62,775
Blackleg cultural aggressin . . . . . disks ..		2,252
Total . . . . .	751,150	62,775
Total . . . . . disks ..		2,252
DIAGNOSTICS		
Brucella abortus antigen . . . . .	156,919	22,615
Pullorum antigen . . . . .	3,816,290	1,420,934
Tuberculin . . . . .	220,134	1,144
Other diagnostics . . . . .	11,092	1,038
Total . . . . .	4,204,435	1,445,731
TOXOIDS		
Tetanus toxoid . . . . .	290,610	20,700
Total . . . . .	290,610	20,700
VACCINES AND VIRUSES		
Anthrax spore vaccine . . . . .	5,532,089	714,155
Brucella abortus vaccine . . . . .	33,551,786	11,120,945
Canine-distemper vaccine . . . . .	1,169,597	75,335
Canine-distemper vaccine . . . . . milligrams ..	1,491,750	
Canine-distemper vaccine in bronchisepticus-streptococcus-typhimurium bacterin . . . . .	4,915,480	27,425
Canine-distemper virus . . . . .	428,314	25,058
Canine-distemper virus . . . . . milligrams ..	41,230	291,010
Distemper vaccine-mink . . . . .	471,470	36,410
Encephalomyelitis vaccine . . . . .	526,447	377,675
Eastern . . . . .	48,989	60,954
Western . . . . .	181,708	217,126
E and W . . . . .	295,750	99,595



## VACCINES AND VIRUSES—(Continued)

	Produced	Destroyed
Erysipelothrix rhusiopathiae vaccine . . . . .	3,909,337	1,078,630
Feline-distemper vaccine . . . . .	548,714	34,572
Fowl-laryngotracheitis vaccine . . . . . milligrams . . . . .	21,989,790	2,748,810
Fowl-pox vaccine . . . . . milligrams . . . . .	20,777,073	4,480,634
Hog-cholera vaccine . . . . .	37,334,580	4,691,276
Newcastle disease vaccine . . . . .	74,146,766	13,910,424
Newcastle disease vaccine . . . . . milligrams . . . . .	54,674,699	4,669,104
Ovine-ecthyma vaccine . . . . . milligrams . . . . .	1,145,895	81,640
Pigeon-pox vaccine . . . . . milligrams . . . . .	4,791,835	2,221,570
Rabies vaccine . . . . .	19,617,841	1,424,107
Wart vaccine . . . . .	1,676,530	81,880
Other vaccines and viruses . . . . . disks . . . . .	43,730	410
Other vaccines and viruses . . . . . milligrams . . . . .	11,850	.....
Other vaccines and viruses . . . . .	73,493	18
Total . . . . .	183,902,444	33,597,910
Total . . . . . disks . . . . .	43,730	410
Total . . . . . milligrams . . . . .	104,924,122	14,492,768

## BACTERINS

Anthrax bacterin . . . . .	1,965,010	196,680
Autogenous bacterin . . . . .	929,928	229,750
Avisepticus-gallinarum bacterin . . . . .	8,825,394	461,919
Blackleg bacterin . . . . .	55,452,480	4,173,935
Blackleg-hemorrhagic septicemia bacterin . . . . .	13,838,035	2,666,125
Clostridium chauvei-septicus bacterin . . . . .	63,079,525	1,772,310
Clostridium chauvei-septicus pasteurilla bacterin . . . . .	38,907,230	1,499,450
Clostridium hemolyticum bacterin . . . . .	10,439,900	550,210
Clostridium perfringens bacterin . . . . .	31,205,450	447,025
Coli-enteritidis bacterin . . . . .	703,165	39,340
Corynebacterium-pasteurella bacterin . . . . .	15,088,342	367,315
Gallinarum-typhimurium bacterin . . . . .	413,150	71,090
Hemorrhagic-septicemia bacterin . . . . .	40,244,420	835,705
Pasteurella avicida bacterin . . . . .	5,353,615	90,050
Pasteurella-salmonella cholerasuis bacterin . . . . .	2,122,250	103,645
Salmonella cholerasuis bacterin . . . . .	662,905	50,110
Staphylococcus-streptococcus bacterin . . . . .	2,129,688	27,526
Staphylococcus-streptococcus bacterin . . . . . disks . . . . .	.....	420
Other bacterins . . . . .	1,599,149	80,492
Total . . . . .	292,959,636	13,662,677
Total . . . . . disks . . . . .	.....	420

## MIXED BACTERINS

Mixed bacterin (avian) . . . . .	8,132,874	502,286
Mixed bacterin (bovine) . . . . .	35,525,416	1,909,922
Mixed bacterin (canine) . . . . .	118,257	5,013
Mixed bacterin (equine) . . . . .	985,633	214,426
Mixed bacterin (feline) . . . . .	58,394	1,286
Mixed bacterin (ovine) . . . . .	3,729,930	329,205
Mixed bacterin (porcine) . . . . .	17,258,903	386,585
Total . . . . .	65,809,407	3,348,723

## OTHER BIOLOGICAL PRODUCTS

Total . . . . .	259,500	780
Total . . . . .	259,500	780

## GRAND TOTAL

Cubic centimeters . . . . .	738,337,782	53,360,173
Units . . . . .	546,889,450	17,447,250
Milligrams . . . . .	104,924,122	14,492,768
Disks . . . . .	43,730	3,082



### LICENSES ISSUED FOR BIOLOGICAL PRODUCTS

License No. 9 (limited to calendar year 1952) issued February 5, 1952, to Lederle Laboratories Division, American Cyanamid Company, 30 Rockefeller Plaza, New York, N. Y., for clostridium perfringens Type D bacterin.

### PERMITS ISSUED FOR ORGANISMS OR VECTORS

Permit No. 216 issued February 1, 1952 to Lederle Laboratories Division, American Cyanamid Company, Pearl River, N. Y., to import one shipment of virus from Salisbury, South Rhodesia, Africa.

Permit No. 217 issued January 31, 1952 to Lederle Laboratories Division, American Cyanamid Company, Pearl River, N. Y., to import one shipment of virus from Sao Paulo, Brazil, South America.

Permit No. 218 issued February 1, 1952 to Lederle Laboratories Division, American Cyanamid Company, Pearl River, N. Y., to import one shipment of serum from Ontario Veterinary College, Guelph, Ontario, Canada.

Permit No. 219 issued February 4, 1952 to Dr. Salsbury's Laboratories, 402 Cedar Street, Charles City, Iowa, to import blood specimens from Cuba.

Permit No. 220 issued February 12, 1952 to Dr. P. P. Levine, New York State Veterinary College, Cornell University, Ithaca, N. Y., to import one shipment of infectious bronchitis vaccine material from Dr. J. F. Crawley, Connaught Medical Research Laboratories, University of Toronto, Toronto, Canada.

Permit No. 221 issued February 25, 1952 to Lederle Laboratories Division, American Cyanamid Company, Pearl River, N. Y., to import one shipment of cultures from Italy.

Permit No. 222 issued February 25, 1952 to Dr. Ernst Friedheim, 333 West 52nd Street, New York 19, N. Y., to import one shipment of vectors infected with Trypanosoma Congolense from the Liverpool School of Tropical Medicine, Liverpool, England.

### NEW PUBLICATIONS OF THE BUREAU

The Bureau keeps no mailing list for sending publications to individual employees, but sends copies to officers in charge of stations and offices. These publications should be regarded as notification copies. So far as possible additional copies will be furnished on request.

Multilith. Better Management Increases Lamb Production. January 1952.

Multilith. Quality Counts in Chicks. February 1952.

Multilith. Control Sheep Keds. February 1952

Multilith. Defense Against Foot-and-Mouth Disease. February 1952.

Agriculture Information Bulletin 75. Career Opportunities for Graduate Veterinarians in the Bureau of Animal Industry. (Slight revision of Miscellaneous Publication 671.)

### ORGANIZATION OF THE BUREAU OF ANIMAL INDUSTRY, FEBRUARY 1952

*Chief:* B. T. SIMMS.

*Assistant Chief:* HUGH C. MCPHEE.

*Assistant Chief:* S. O. FLADNESS.

*Assistant Chief:* A. R. MILLER.

*Assistant Chief:* K. A. BUTLER.

*Administrative Services Division:* L. E. HARROVER, *Administrative Officer in charge.*

*Animal Foods Inspection Division:* D. W. GLASCOCK, *Veterinarian in charge.*

*Animal Husbandry Division:* T. C. BYERLY, *Animal Husbandman in charge.*

*Brucellosis and Tuberculosis Eradication Division:* A. K. KUTTLER, *Veterinarian in charge.*

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*Meat Inspection Division:* A. R. MILLER, *in charge.*

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*Virus-Serum Control Division:* OREN E. HERL, *Veterinarian in charge.*

*Zoological Division:* BENJAMIN SCHWARTZ, *Zoologist in charge.*



