



United States Department of Agriculture

SERVICE AND REGULATORY ANNOUNCEMENTS

BUREAU OF ANIMAL INDUSTRY

DECEMBER, 1931

[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 the Federal meat inspection 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, D. C., at 5 cents each, or 25 cents a year. A supply will be sent to each official in charge of a 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 Granted

- 3-DB. Swift & Co., Jewel Avenue, Vernon, Calif.
 ‡*16. Laclede Packing Co., 3801 Aldine Street, St. Louis, Mo.
 85. Armour & Co., 2030 Clark Avenue, St. Louis, Mo.
 ‡179. Victor Goulash Co., 1100 West Grand Avenue, Chicago, Ill.

Meat Inspection Withdrawn

- 1-I. Armour & Co., Thirty-fifth Street and Eleventh Avenue, New York, N. Y.
 3-N. Swift & Co., 824 South Vandeventer Avenue, St. Louis, Mo.
 20-Z. Wilson & Co., Alton Park Station, Chattanooga, Tenn.
 999. H. L. Caplan & Co., 23 South High Street, Baltimore, Md.
From subsidiary: George H. Swift, under establishments 27, 27-A, 27-B, and 27-C.

Meat Inspection Extended

20. Wilson & Co., New York, N. Y., to include The Atlantic Lard Co.
 27. North Packing & Provision Co., Somerville, Mass., to include John P. Squire Co., Springfield Provision Co., The Sperry & Barnes Co., Sperry & Barnes, Swift & Co., and J. P. Squire & Co. Also change name of the Squire section from J. P. Squire & Co. to John P. Squire Co.

- 27-A. White, Pevey & Dexter Co., Worcester, Mass., to include North Packing & Provision Co., John P. Squire Co., Boston Packing & Provision Co., Springfield Provision Co., The Sperry & Barnes Co., Sperry & Barnes, Swift & Co., and J. P. Squire & Co.
- 27-B. Springfield Provision Co., Brightwood, Mass., to include North Packing & Provision Co., John P. Squire Co., Boston Packing & Provision Co., The Sperry & Barnes Co., Sperry & Barnes, White, Pevey & Dexter Co., Swift & Co., and J. P. Squire & Co.
- 27-C. The Sperry & Barnes Co., New Haven, Conn., to include North Packing & Provision Co., John P. Squire Co., Boston Packing & Provision Co., Springfield Provision Co., White, Pevey & Dexter Co., Swift & Co., and J. P. Squire & Co.

Change in Name of Official Establishment

- 166-A. Swift & Co., 3815 Chouteau Avenue, St. Louis, Mo., St. Louis Independent Packing Co., and Missouri Butterine Co. of St. Louis instead of previous name.
932. Walter E. Watson, 115 Vine Street, Philadelphia, Pa., and W. E. Watson & Co., instead of previous name.
1014. Ratliff Pure Food Products Co., 409 Arizona Street, Fort Worth, Tex., Walker's Pure Food Products Co., and Texas Rio Rita Canning Co., instead of previous name.

Change of Official in Charge

- Dr. C. H. Hays succeeds Dr. J. O. Wilson as inspector in charge at Pierre, S. Dak.
- Dr. J. O. Wilson succeeds Dr. Rudolph Snyder as inspector in charge at Denver, Colo.
- Dr. W. A. Sullivan succeeds Dr. J. T. Dallas as inspector in charge at Cheyenne, Wyo.
- Dr. J. T. Dallas succeeds Dr. W. A. Sullivan as inspector in charge at Boise, Idaho.

Change in Mail Address of Official in Charge

- Dr. C. F. Payne, P. O. box 138 (office Livestock Exchange Building) National Stockyards, Ill.
- Dr. Frank Jelen, P. O. box 339, South Omaha Station (office Federal Building, South Omaha Station) Omaha, Nebr.
- Dr. G. E. Totten, P. O. box 267 (office 205 Post Office Building) South St. Paul, Minn.
- Dr. J. F. Park, P. O. box 244, Westplains, Mo., instead of P. O. box 201.

New Substations

- Vernon, Calif., meat inspection, under Los Angeles, Calif.
- Houston, Tex., enforcement packers and stockyards act, under Fort Worth, Tex.
- Joplin, Mo., enforcement packers and stockyards act, under Kansas City, Mo.
- Maysville, Ky., enforcement packers and stockyards act, under Cincinnati, Ohio.
- Norfolk, Nebr., enforcement packers and stockyards act, under Omaha, Nebr.
- Trevor, Wis., enforcement packers and stockyards act, under Chicago, Ill.

Substation Discontinued

- Stockton, Calif., enforcement packers and stockyards act, under Los Angeles, Calif.

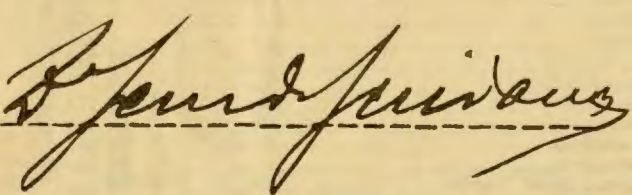
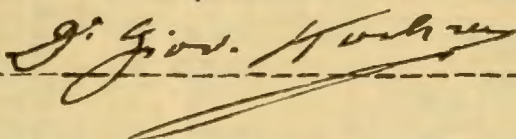
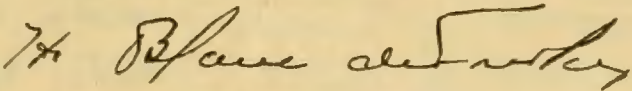
Remove from Address List

- Dr. Rudolph Snyder, Denver, Colo.

NOTICE REGARDING MEAT INSPECTION

FOREIGN MEAT-INSPECTION OFFICIALS

Names and specimen signatures of foreign officials who have been authorized by their national Governments to sign and issue foreign meat-inspection certificates for meat and meat food products exported to the United States.

Country and name	Signature
<i>Italy</i>	
Dr. Secondo Scrivano.....	
Dr. Giovanni Koch.....	
<i>Brazil</i>	
Dr. H. Blanc de Freitas....	

IMPORTS OF FOOD ANIMALS AND OF MEATS AND MEAT FOOD PRODUCTS, NOVEMBER, 1931

The statements following show the imports of food animals and of meats and meat food products inspected by the Bureau of Animal Industry, during November, 1931, with figures for other periods for comparison.

Imports of food animals

Country of export	Cattle	Swine	Sheep	Goats
Mexico.....	6,066		34	29
Canada.....	1,572	223	348	1
Virgin Islands (to Porto Rico).....	87	3		
Total:				
November, 1931.....	7,725	226	382	30
November, 1930.....	4,650	28	521	28
11 months ended—				
November, 1931.....	95,134	1,921	6,048	63
November, 1930.....	211,593	374	8,502	103

Imported meats and meat food products

Country of export	Fresh and refrigerated		Canned and cured	Other meat products	Total weight
	Beef	Other			
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
Argentina.....			160,421		160,421
Australia.....		14,258		2,130	16,388
Brazil.....			26,508	454	26,962
Canada.....	29,284	56,447	218,109	164,254	468,094
New Zealand.....	15,796			2,010	17,806
Paraguay.....			37,526	16,500	54,026
Uruguay.....			1,178,177	94,864	1,273,041
Other countries.....			71,540	125,513	197,053
Total:					
November, 1931.....	45,080	70,705	1,692,281	405,725	2,213,791
November, 1930.....	158,769	51,627	1,344,443	392,146	1,946,985
11 months ended—					
November, 1931.....	1,382,181	1,134,834	20,182,959	5,063,863	27,763,837
November, 1930.....	5,567,815	2,882,853	51,409,615	4,814,965	64,675,248

Condemned in November, 1931: Beef, 47 pounds. Refused entry: Pork, 8 pounds.

ANIMALS SLAUGHTERED UNDER FEDERAL MEAT INSPECTION, NOVEMBER, 1931

Station	Cattle	Calves	Sheep and lambs	Goats	Swine
Baltimore.....	6,319	916	2,297	-----	72,925
Buffalo.....	4,794	1,563	6,434	-----	69,726
Chicago.....	120,147	32,817	254,801	-----	653,777
Cincinnati.....	10,884	5,500	10,280	1	87,156
Cleveland.....	3,520	3,524	13,296	-----	47,887
Denver.....	9,239	1,548	24,648	-----	24,270
Detroit.....	4,858	5,365	15,881	-----	59,436
Fort Worth.....	22,232	17,590	33,979	128	16,563
Indianapolis.....	8,777	2,656	5,682	-----	103,276
Kansas City.....	48,273	14,646	102,480	-----	202,488
Los Angeles.....	10,094	2,513	35,862	-----	27,690
Milwaukee.....	15,501	44,910	10,173	-----	115,238
National Stock Yards.....	22,309	5,957	26,163	169	77,602
New York.....	30,449	48,556	283,485	-----	77,874
Omaha.....	53,625	4,885	144,767	1	148,303
Philadelphia.....	5,792	5,688	21,154	-----	88,301
St. Louis.....	11,181	8,233	6,186	-----	140,906
Sioux City.....	27,559	2,755	61,154	-----	123,839
South St. Joseph.....	21,897	3,643	86,271	-----	79,466
South St. Paul.....	40,781	61,494	116,716	-----	286,841
Wichita.....	6,054	1,182	4,554	-----	28,272
All other stations.....	129,923	79,449	238,857	808	1,685,983
Total:					
November, 1931.....	614,208	355,390	1,505,120	1,107	4,217,819
November, 1930.....	605,048	323,702	1,305,482	1,343	4,023,718
11 months ended—					
November, 1931.....	7,421,882	4,328,075	16,490,027	6,428	39,385,356
November, 1930.....	7,478,817	4,197,421	15,270,154	9,916	39,619,092
New York, Brooklyn, Jersey City, and Newark ¹	37,579	55,960	339,586	-----	249,682

¹ The slaughter figures in this group of cities are included in the figures above for "New York" and "All other stations" and are combined here to show total in the Greater New York district.

Horses slaughtered:

November, 1931.....	11,881
November, 1930.....	15,575
11 months ended—	
November, 1931.....	106,537
November, 1930.....	122,087

Inspections of lard at all establishments, 137,673,381 inspection pounds; compound and other substitutes, 31,394,825 inspection pounds; sausage, 54,026,347 inspection pounds.

Corresponding inspections for November 1930: Lard, 131,118,062 inspection pounds; compound and other substitutes, 38,981,353 inspection pounds; sausage, 54,763,436 inspection pounds.

(These totals of inspection pounds do not represent actual production, as the same product may have been inspected and recorded more than once in the process of manufacture.)

CAUSES OF CONDEMNATIONS OF CARCASSES, OCTOBER, 1931

Cause	Cattle	Calves	Sheep and lambs	Swine
Emaciation.....	686	37	420	24
Rog cholera.....	-----	-----	-----	5,678
Inflammatory diseases.....	1,252	164	819	2,303
Immaturity.....	-----	129	-----	-----
Tuberculosis.....	2,026	28	1	2,668
Other causes.....	1,646	292	857	3,057
Total.....	5,610	650	2,097	13,730

SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION WITH STATES, NOVEMBER, 1931

State	Tuberculin tests during month			Total to date			Inspector in charge	State official
	Herds or lots	Cattle tested	Cattle re-acted	Once-tested-free herds	Accredited herds	Herds under supervision		
Ala.....	2,646	17,012	0	51,803	317	54,390	R. E. Jackson.....	C. A. Cary, Auburn.
Ariz.....	23	701	12	8,769	46	8,873	F. L. Schneider.....	E. L. Stam, Phoenix.
Ark.....	72	1,146	0	20,236	10	20,246	W. A. McDonald.....	J. H. Bux, Little Rock.
Calif.....	1,059	19,801	922	9,455	144	9,861	W. E. Howe.....	J. J. King, Sacramento.
Colo.....	17	729	3	30	78	133	R. Snyder.....	C. G. Lamb, Denver.
Conn.....	791	14,634	530	3,479	3,082	8,495	R. L. Smith.....	Charles Johnson, Hartford.
Del.....	258	3,603	43	4,921	1,735	7,115	E. B. Simonds.....	Ralph C. Wilson, Dover.
D. C.....	0	0	0	43	2	46	A. E. Wight.....	J. V. Knapp, Tallahassee.
Fla.....	857	13,334	24	2,261	94	2,896	T. W. Cole.....	J. M. Sutton, Atlanta.
Ga.....	1,606	8,321	22	86,605	30	86,635	A. L. Hirleman.....	Thomas W. White, Boise.
Idaho.....	598	6,780	14	45,399	46	48,873	W. A. Sullivan.....	D. W. Robison, Springfield.
Ill.....	8,244	91,871	1,252	77,695	5,655	229,789	J. J. Lintner.....	Frank H. Brown, Indianapolis.
Ind.....	1,316	14,751	149	182,541	3,302	188,298	J. E. Gibson.....	M. G. Thornburg, Des Moines.
Iowa.....	6,805	107,158	1,374	100,000	1,813	200,000	J. A. Barger.....	J. H. Mercer, Topeka.
Kans.....	753	13,316	72	113,998	572	114,808	N. L. Townsend.....	D. E. Westmoreland, Frankfort.
Ky.....	1,922	7,884	8	101,482	43	103,875	W. F. Biles.....	E. P. Flower, Baton Rouge.
La.....	23	643	29	6,169	13	6,479	G. T. Cole.....	H. M. Tucker, Augusta.
Me.....	583	6,607	22	43,024	846	43,917	G. R. Caldwell.....	James B. George, Baltimore.
Md.....	1,861	15,563	242	20,025	11,753	39,708	E. B. Simonds.....	E. F. Richardson, Boston.
Mass.....	1,513	14,838	2,053	5,919	3,696	10,709	E. A. Crossman.....	C. H. Clark, Lansing.
Mich.....	9,115	80,236	154	190,178	74	190,444	T. S. Rich.....	C. E. Cotton, St. Paul.
Minn.....	2,847	38,881	237	129,931	5,855	137,938	W. J. Fretz.....	Charles E. O'Neal, Jackson.
Miss.....	280	2,597	0	20,703	18	20,741	H. Robbins.....	H. A. Wilson, Jefferson City.
Mo.....	1,302	12,216	15	108,187	249	112,288	Ralph Graham.....	W. J. Butler, Helena.
Mont.....	454	17,394	41	39,062	78	42,514	J. W. Murdoch.....	H. L. Feistner, Lincoln.
Nebr.....	860	12,017	41	87,786	103	88,037	A. H. Francis.....	Edward Records, Reno.
Nev.....	113	5,334	16	4,010	9	4,319	L. C. Butterfield.....	A. L. Felker, Concord.
N. H.....	1,667	18,795	335	4,023	6,277	11,141	E. A. Crossman.....	J. H. McNeil, Trenton.
N. J.....	1,243	13,991	632	6,063	5,085	17,080	Ellis E. McCoy.....	Mat Keenen, Albuquerque.
N. Mex.....	95	1,242	13	4,202	26	4,333	F. L. Schneider.....	E. T. Faulder, Albany.
N. Y.....	11,201	132,054	8,697	34,853	74,884	15,176	H. B. Leonard.....	William Moore, Raleigh.
N. C.....	295	2,855	14	256,556	358	256,924	W. C. Dendinger.....	W. F. Crewe, Bismarck.
N. Dak.....	1,282	33,510	128	67,805	5,458	80,230	H. H. Cohenour.....	G. H. Pierce, Columbus.
Ohio.....	5,368	42,924	182	239,382	764	240,582	A. J. De Fosset.....	C. C. Hisel, Oklahoma City.
Okla.....	52	3,067	2	15,334	201	15,544	L. J. Allen.....	W. H. Lytle, Salem.
Oreg.....	1,017	10,183	56	56,071	835	56,935	S. B. Foster.....	T. E. Munce, Harrisburg.
Pa.....	5,020	65,022	3,116	123,815	7,541	142,877	J. B. Reidy.....	T. E. Robinson, Providence.
R. I.....	130	1,716	130	278	170	713	E. A. Crossman.....	W. K. Lewis, Columbia.
S. C.....	965	3,481	4	88,020	123	88,148	W. K. Lewis.....	R. S. Robinson, Pierre.
S. Dak.....	676	15,069	138	9,527	1,061	10,782	J. O. Wilson.....	J. M. Jones, Nashville.
Tenn.....	388	5,039	3	88,581	99	88,718	H. L. Fry.....	N. F. Williams, Fort Worth.
Tex.....	826	11,906	41	20,821	466	21,837	H. L. Darby.....	W. H. Hendricks, Salt Lake City.
Utah.....	1,781	8,413	26	9,649	110	10,091	F. E. Murray.....	Edward H. Jones, Montpelier.
Vt.....	1,408	29,140	748	4,367	9,494	15,206	L. H. Adams.....	H. C. Givens, Richmond.
Va.....	3,243	14,654	95	92,112	656	93,030	R. E. Brookbank.....	

SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION WITH STATES, NOVEMBER, 1931—Continued

State	Tuberculin tests during month			Total to date			Inspector in charge	State official
	Herds or lots	Cattle tested	Cattle re-acted	Once-tested-free herds	Accredited herds	Herds under supervision		
Wash.....	1, 407	15, 166	92	49, 962	93	63, 979	J. C. Exline.....	Robert Prior, Olympia.
W. Va.....	1, 419	6, 413	13	83, 240	626	85, 044	H. M. Newton.....	H. M. Gore, Charleston.
Wis.....	9, 012	190, 693	639	177, 853	10, 650	189, 249	J. S. Healy.....	Walter Wisnicky, Madison.
Wyo.....	48	653	0	12, 311	7	13, 712	John T. Dallas.....	H. D. Port, Cheyenne.
Total..	94, 461	1, 153, 353	22, 379	2, 908, 536	164, 647	3, 302, 758		

SUMMARY OF HOG-CHOLERA-CONTROL WORK, NOVEMBER, 1931

State	Bureau veterinarians engaged in work ¹	Meetings addressed	Premises investigated	Demonstrations		Autopsies performed	Farms quarantined or carded	Farms cleaned and disinfected	Outbreaks reported to bureau veterinarians
				Number	Hogs treated				
Alabama.....	1		42						
California.....	.07		4			2			
Colorado.....	.05		3			11			
Florida.....	1		60	12	219				13
Georgia.....	1.3		75	2	91	1			3
Idaho.....	.3	1	75			6	2		2
Illinois.....	3	5	250			82	2	72	224
Indiana.....	2		111			30			63
Iowa.....	3	1	97	2	77	61			114
Kansas.....	.6		53			1			7
Kentucky.....	2		170	3	97	22			48
Louisiana.....	.5		18						5
Maryland.....	2	2	371	3	116	29			129
Michigan.....	1.5		216	1	34	12			136
Mississippi.....	1.03		33	26	189	1			2
Missouri.....	1		52	2	90	10			5
Montana.....	.3		9			12	1	2	1
Nebraska.....	.5		20			9			4
North Carolina.....	1		63	10	262	5			3
Ohio.....	1		62			42			100
Oklahoma.....	1.3		106				4	1	4
South Carolina.....	1		30	19	387	3			11
South Dakota.....	.5	1	12			10			8
Tennessee.....	1	1	63	4	24	2			23
Texas.....	1		41			1	7		9
Virginia.....	1		91			7			6
Washington.....	.5	1	16			5	2		5
Oregon.....									
West Virginia.....	.5		22	12	62	92	4		4
Wisconsin.....	1		24	1	21	18	6		18
Total.....	30.95	12	2, 189	97	1, 669	474	28	75	947

¹ Fractions denote veterinarians devoting part time to work.

NOTE.—No work reported from States not listed.

ANTI-HOG-CHOLERA SERUM AND HOG-CHOLERA VIRUS PRODUCED UNDER LICENSES, NOVEMBER, 1931

Period	Total serum	Clear serum completed ^a	Hyperimmune blood cleared	Simultaneous virus	Hyperimmunizing virus
	C. c.	C. c.	C. c.	C. c.	C. c.
November, 1931.....	71, 623, 113	58, 515, 984	92, 853, 510	3, 348, 199	16, 063, 176
November, 1930.....	45, 240, 637	37, 432, 038	46, 561, 180	3, 514, 853	9, 801, 428
11 months ended—					
November, 1931.....	864, 548, 083	750, 670, 571	915, 607, 797	66, 976, 102	177, 350, 970
November, 1930.....	760, 597, 005	616, 743, 741	753, 290, 613	58, 463, 008	157, 662, 387

LICENSES ISSUED FOR BIOLOGICAL PRODUCTS, NOVEMBER, 1931

License No. 6-A was issued November 23, 1931, to Pitman-Moore Co., Division of Allied Laboratories (Inc.), near Zionsville, Ind. (Mailing address: 1220 Madison Avenue, Indianapolis, Ind.), for antierysipelas serum (swine) and antimastitis serum (bovine).

PROCEEDINGS UNDER THE PACKERS AND STOCKYARDS ACT, DECEMBER, 1931

Docket No. 352.—In re E. R. Buck v. Chicago Producers Commission Association, Chicago, Ill. On June 10, 1931, E. R. Buck filed a complaint with the Secretary of Agriculture alleging negligence on the part of employees of the Chicago Producers Commission Association in the handling and sale of a load of cattle on March 26, 1931, and asking for reparation in the amount of \$159.33. This case involves only a claim for reparation and the parties having effected a satisfactory settlement, therefore, on December 3, 1931, the Acting Secretary of Agriculture dismissed the case.

STOCKYARDS POSTED

On December 17, 1931, the Webb Livestock Commission Co. stockyards, located at Grand Island, Nebr., was posted as coming within the jurisdiction of the packers and stockyards act.

LIME-SULPHUR DIPS FOR SCABIES

Permission Withdrawn

The lime and sulphur dips listed below, the use of which has been permitted in the official dipping of cattle and sheep for scabies, are no longer being manufactured and have, therefore, been removed from the list of permitted products.

Name of Dip	Manufacturer
Armstrong's Lime and Sulphur Dip.....	Armstrong Paint & Varnish Works, Chicago, Ill.
Avalon Farms Lime-Sulphur Dip.....	Avalon Farms Co., Chicago, Ill.
Upon Honor Lime-Sulphur Wash.....	Chicago Paint Works, Chicago, Ill.

RESULTS OF PROSECUTIONS FOR VIOLATIONS OF LAWS

Penalties and fines have been imposed in prosecutions for violations of regulatory laws, as reported to the bureau, as follows:

Twenty-Eight-Hour Law

Atchison, Topeka & Santa Fe Railway Co. (three cases), \$300 penalties.
 Chicago & Alton Railroad Co., \$100 penalty.
 Chicago Great Western Railroad Co. (three cases), \$300 penalties.
 Chicago, Milwaukee, St. Paul & Pacific Railroad Co., \$100 penalty.
 Chicago, Rock Island & Pacific Railway Co. (three cases), \$300 penalties.
 Illinois Central Railroad Co. (three cases), \$300 penalties.
 Indiana Harbor Belt Railroad Co. (six cases), \$600 penalties.
 New York, Chicago & St. Louis Railroad Co., \$100 penalty.
 Seaboard Air Line Railway Co., \$100 penalty.

Livestock Quarantine Law

Chicago, Rock Island & Pacific Railway Co., interstate transportation of an infectious car from Kansas to Illinois, \$100 fine.



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.]

Farmers' Bulletin No. 784 (revised). Anthrax or Charbon. By Henry J. Washburn (deceased), Pathological Division. Pp. 14, figs. 5.

Journal of Agricultural Research Separate. Vol. 43, No. 4. Key No. A-147. Effects of Cod-Liver Oil and Ultra-Violet Irradiation, as Influenced by Oyster Shell, in the Diet of Confined Laying Hens. By Walter A. Hendricks, Alfred R. Lee, and Albert B. Godfrey, Animal Husbandry Division.

Journal of Agricultural Research Separate. Vol. 43, No. 7. Key No. A-148. Germicidal Efficiency of Mixtures of Phenols with Sodium Hydroxide, with Glycerin and with Ethyl Alcohol. By F. W. Tilley and J. M. Schaffer, Biochemic Division.

Journal of Agricultural Research Separate. Vol. 43, No. 8. Key No. A-149. A Preliminary Report on the Poisonous Effects of Bitter Rubber Weed (*Actinea odorata*) on Sheep. By A. B. Clawson, Pathological Division.

Amendment 5 to B. A. I. Order 331. Declaring names of counties placed in modified accredited area for tuberculosis. Effective December 1, 1931. P. 1, mimeographed.

B. A. I. Order 333. Special order providing for shipment of cattle of the nonquarantined area for exhibition at a fair in the quarantined area. Effective December 18, 1931. P. 1, mimeographed.

ORGANIZATION OF THE BUREAU OF ANIMAL INDUSTRY

Chief: JOHN R. MOHLER.

Associate Chief: U. G. HOUCK.

Assistant Chief: A. W. MILLER.

Administrative Officer: CHARLES C. CARROLL.

Chief Clerk: J. R. COHRAN.

Assistant to Chief: D. S. BURCH.

Animal Husbandry Division: E. W. SHEETS, chief.

Biochemic Division: M. DORSET, chief.

Division of Hog-Cholera Control: U. G. HOUCK, chief.

Division of Virus-Serum Control: D. I. SKIDMORE, chief.

Field Inspection Division: G. W. POPE, chief.

Meat Inspection Division: R. P. STEDDOM, chief.

Packers and Stockyards Division: A. W. MILLER, chief.

Pathological Division: HARRY W. SCHOENING, acting chief.

Tick Eradication Division: R. A. RAMSAY, chief.

Tuberculosis Eradication Division: A. E. WIGHT, chief.

Zoological Division: MAURICE C. HALL, chief.

Experiment Station: W. E. COTTON, superintendent.

Office of Accounts: GEORGE F. TUCKER, in charge.

Office of Personnel: GEORGE R. BROWN, in charge.