

United States Department of Agriculture

SERVICE AND REGULATORY ANNOUNCEMENTS

BUREAU OF ANIMAL INDUSTRY

DECEMBER, 1924

[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

- 20-H. Wilson & Co., 206-208 Water Street, Norfolk, Va.
 107. J. Lynn Cornwell, Purcellville, Va.
 129. Hattaway Chili Co. and Mrs. E. M. Hattaway, 713 North D Street, Fort Smith, Ark.
 161. O. T. Hodge's Chili Con Carne Factory, 1528 Market Street, St. Louis, Mo.
 172. Pure Food Products Co., 229 West Second Street, Wilmington, Del.
 753. Central Abattoir Co. (Inc.), Second and Chestnut Streets, Reading, Pa.
 904. Martin & Carlos, 307 Webster Avenue, Cambridge, Mass.
 932. W. E. Watson & Co., 115 Vine Street, Philadelphia, Pa.

MEAT INSPECTION WITHDRAWN

83. John Cook & Sons (Inc.), Chicago, Ill.
 172. Pure Food Products Co., Wilmington, Del.
 406. William J. Moxley, Chicago, Ill.

MEAT INSPECTION EXTENDED

- 545 Republic Food Products Co., to include John Cook & Sons (Inc.) Chicago, Ill.

CHANGE IN NAME OF OFFICIAL ESTABLISHMENT

326. Roberts & Withington (Inc.), P. O. box 1203, 11 Terminal Way, Providence, R. I., instead of Roberts & Oake of New England (Inc.).

CHANGE IN ADDRESS OF INSPECTOR IN CHARGE

Dr. A. J. De Fosset, P. O. box 1422, Columbus, Ohio, instead of P. O. box 935.
Dr. James McDonald, 821 South Columbia Avenue, Springfield, Ill., instead of 18 Federal Building.

Dr. J. T. Purcell, 4 East Capitol Building, Madison, Wis., instead of Department of Agriculture, Capitol Building.

Dr. P. E. Quinn, P. O. box 327 (office, 213 South Office Building, State Capitol), Harrisburg, Pa., instead of Pennsylvania State B. A. I., Fourth & North Streets.

Dr. E. N. Tierney, care Leavenworth Packing & Storage Co., Leavenworth, Kans., instead of care Schalker Packing Co.

CHANGE IN ADDRESS LIST OF BUREAU OFFICIALS

Dr. C. O. Benson, in charge of Canadian import and export inspection, Ogdensburg, N. Y.

Dr. James W. Harner replaces Doctor Benson as inspector in charge of Canadian import and export inspection, Canaan, Vt.

The transfer of Dr. G. T. Van Bushkirk to Ogdensburg, N. Y., announced in Service and Regulatory Announcements for November, 1924, has been canceled because of his inability to accept the assignment.

NOTICE REGARDING MEAT INSPECTION

THE SOURING OF HAMS

Further investigations by E. A. Boyer, in charge of the Omaha meat-inspection laboratory, indicate that the scalding vat is the source of the bacteria present in chilled hog carcasses. This view is based chiefly on the character of the bacterial flora found in the carcasses and its similarity to that of the scalding vat. The bacterial flora of the carcasses is distinctive and of a type not commonly found in nature. It consists entirely of types which are distinctly resistant to heat and contains a relatively high proportion of anaerobic bacteria of types commonly found in the intestinal tracts of domestic animals and their environment, particularly pigpens, stable yards, manure piles, and heavily manured soil. *Bacterium coli* and other types commonly found in the same environment, but which are easily killed by heat, are never found in the carcasses. Boyer has demonstrated a similar flora in the water of the scalding vat and at no other point in the establishment.

Consideration of the common method of scalding shows how contamination of the carcass with the vat water may readily take place. As the hog hangs on the rail the lungs are compressed by the weight of the abdominal viscera. When the carcass is dropped into the vat this pressure is released, the lungs expand, and vat water is necessarily drawn in through the mouth, nose, and stick wound. The fact that the lungs are invariably contaminated with vat water has been well known for some time. The vat water in all probability also enters the circulatory system through the stick wound and is thereafter disseminated throughout the carcass during the scalding, dehairing, and scraping. The vat water is so heavily contaminated with bacteria that a very small portion of it would be sufficient to account for a wide dissemination of bacteria throughout the carcass.

Remedial measures suggested are replacing the vat by some other means of scalding, such as a spray of hot water or elimination of the usual plunge by lowering the hogs into the vat in such way that expansion of the lungs might take place before the mouth, nose, and stick wound are submerged. Attention is directed in this connection to the notice in Service and Regulatory Announcements for September, 1924, page 101, "Hog Stick Wounds." Establishments are urged to give consideration to the possibility of introducing such measures. Inspectors in charge are requested to furnish the bureau with any information which they may have bearing on the possibility of eliminating the scalding vat or handling the hogs in such way as to prevent contamination.

ANIMALS SLAUGHTERED UNDER FEDERAL MEAT INSPECTION, NOVEMBER, 1924

Station	Cattle	Calves	Sheep	Goats	Swine
Baltimore.....	7,011	1,859	2,914	-----	93,901
Brooklyn.....	4,993	6,929	24,805	1	-----
Buffalo.....	9,765	2,668	9,355	-----	104,408
Chicago.....	219,442	45,130	228,023	366	781,010
Cincinnati.....	11,174	6,395	5,053	41	68,313
Cleveland.....	9,970	7,417	18,738	-----	111,497
Detroit.....	6,870	5,892	24,628	-----	115,687
Fort Worth.....	66,446	59,594	5,075	285	29,170
Indianapolis.....	22,522	2,877	2,974	-----	163,244
Jersey City.....	5,477	7,084	38,929	-----	83,826
Kansas City.....	125,403	31,585	49,408	2,911	242,459
Milwaukee.....	14,473	29,725	4,984	-----	190,464
National Stock Yards.....	48,282	8,213	18,709	193	149,251
New York.....	31,932	35,816	147,476	19	96,246
Omaha.....	78,522	8,901	97,340	11	169,018
Philadelphia.....	7,871	6,185	17,447	31	106,997
St. Louis.....	15,639	2,429	4,471	-----	143,306
Sioux City.....	28,529	2,835	26,151	-----	155,894
South St. Joseph.....	32,284	6,753	47,707	50	167,403
South St. Paul.....	51,586	44,891	64,033	-----	296,160
All other establishments.....	153,696	69,217	111,743	482	1,372,690
Total: November, 1924.....	951,887	392,395	949,963	4,390	4,640,944
November, 1923.....	845,618	370,070	915,229	3,852	5,340,678
11 months ended November, 1924.....	8,667,201	4,519,451	11,018,915	26,867	46,272,328
11 months ended November, 1923.....	8,406,266	4,176,785	10,550,869	23,615	4,742,949

Horses slaughtered at all establishments, November, 1924, 1,260. Inspections of lard at all establishments, 133,732,711 pounds; compound and other substitutes, 34,321,938 pounds. Corresponding inspections for November, 1923: Lard, 172,992,493 pounds; compound and other substitutes, 31,595,688 pounds. (These totals do not represent actual production, as the same lard or compound may have been inspected and recorded more than once in the process of manufacture.)

CAUSES FOR CONDEMNATION OF CARCASSES, OCTOBER, 1924

Cause	Cattle	Calves	Sheep	Swine
Emaciation.....	853	116	392	94
Hog cholera.....	-----	-----	-----	1,772
Inflammatory diseases.....	870	165	432	1,618
Immaturity.....	-----	239	-----	-----
Tuberculosis.....	6,071	68	-----	6,223
All other causes.....	1,692	251	511	3,188
Total.....	9,486	839	1,335	12,895

IMPORTS OF FOOD ANIMALS AND MEAT PRODUCTS

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, 1924, with figures for other periods for comparison.

Imports of food animals

Country of export	Cattle	Swine	Sheep	Goats
Mexico.....	8,667	125	16,683	-----
Canada.....	13,376	4,566	4,778	5
Great Britain.....	104	-----	-----	-----
Total:				
Nov., 1924.....	22,147	4,691	21,461	5
Nov., 1923.....	24,786	166	9,027	362
11 months ended Nov., 1924.....	197,184	27,194	74,382	10,125
11 months ended Nov., 1923.....	153,166	2,204	48,298	502

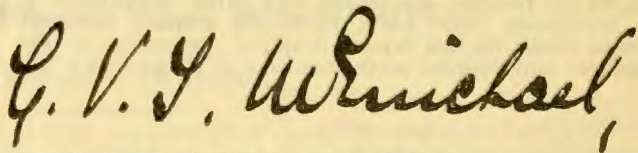
Condemned in November, 1924: Pork, 1,121 pounds.

Imports of meat and meat food products

Country of export	Fresh and refrigerated		Canned and cured	Other products	Total weight
	Beef	Other			
	Pounds	Pounds	Pounds	Pounds	Pounds
Argentina.....	2,000	-----	530,450	6,800	539,250
Australia.....	-----	76	68	243,215	243,359
Canada.....	342,628	491,635	72,663	92,598	999,524
Uruguay.....	-----	-----	184,343	-----	184,343
Other countries.....	-----	171	40,411	9,141	49,723
Total: November, 1924.....	344,628	491,882	827,935	351,754	2,016,199
November, 1923.....	1,411,382	349,615	613,190	281,020	2,655,207
11 months ended November, 1924.	10,975,405	11 115,474	10,306,132	2,335,896	34,732,907
11 months ended November, 1923.	12,558,856	9,429,962	10,652,383	1,261,172	33,902,373

FOREIGN MEAT-INSPECTION OFFICIALS

The following is an additional name, address, and facsimile signature of a foreign national Government official authorized to sign and issue certificates of inspection for meat and meat food products offered for importation into the United States:

Country, name, and address	Signature
SCOTLAND G. V. T. McMichael, Paisley--	

SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION WITH STATES, NOVEMBER, 1924

State	Tuberculin tests during month			Total to date			Inspector in charge	State official
	Herds or lots	Cattle tested	Cattle reacted	Once-tested free herds	Accredited herds	Herds under supervision		
Ala.....	93	3,714	54	1,683	169	2,235	R. E. Jackson.....	C. A. Cary, Auburn.
Ariz.....	106	2,870	210	2,482	13	3,146	F. L. Schneider.....	S. E. Douglas, Phoenix.
Ark.....	828	3,212	9	1,837	48	2,074	L. E. Lyons.....	J. H. Bux, Little Rock.
Calif.....	74	6,653	49	2,023	28	2,186	R. Snyder.....	J. P. Iverson, Sacramento.
Colo.....	4	71	0	1,106	46	1,335	W. E. Howe.....	C. G. Lamb, Denver.
Conn.....	265	6,126	254	1,445	554	1,762	R. L. Smith.....	J. M. Whittlesey, Hartford.
Del.....	121	1,366	125	1,575	817	2,929	W. G. Middleton.	O. A. Newton, Bridgeville.
D. C.....	14	194	1	270	10	288	J. A. Kiernan....	
Fla.....	157	2,385	3	5,284	340	6,237	J. G. Fish.....	J. V. Knapp, Tallahassee.
Ga.....	153	2,689	17	4,275	45	4,965	A. L. Hirleman.....	P. F. Bahnsen, Atlanta.
Idaho.....	297	6,138	70	15,957	93	18,892	W. A. Sullivan.....	W. R. Smith, Boise.
Ill.....	5,290	51,318	2,544	1,871	836	58,927	J. J. Lintner.....	F. A. Laird, Springfield.
Ind.....	1,974	16,964	251	30,556	8,989	40,246	J. E. Gibson.....	R. C. Julien, Indianapolis.
Iowa.....	3,833	59,490	1,525	37,148	4,609	56,888	J. A. Barger.....	M. G. Thornburg, Des Moines.
Kans.....	1,256	16,361	148	8,121	852	9,623	N. L. Townsend.....	J. H. Mercer, Topeka.
Ky.....	1,089	6,393	48	29,723	279	34,658	W. F. Biles.....	W. H. Simmons, Frankfort.
La.....	198	2,365	65	1,564	61	2,669	A. F. Staub.....	E. P. Flower, Baton Rouge.
Me.....	837	7,963	153	13,686	1,781	15,099	J. B. Reidy.....	H. M. Tucker, Augusta.
Md.....	437	5,930	370	2,183	1,311	6,820	T. A. Ladson.....	James B. George, Baltimore.
Mass.....	136	2,192	77	600	204	1,349	E. A. Crossman.....	L. H. Howard, Boston.
Mich.....	3,986	30,091	922	54,764	232	66,270	T. S. Rich.....	H. W. Norton, jr., Lansing.
Minn.....	3,125	64,119	1,018	12,710	4,567	20,242	W. J. Fretz.....	C. E. Cotton, St. Paul.
Miss.....	74	1,371	6	465	117	724	H. L. Fry.....	P. P. Garner, Jackson.
Mo.....	1,029	10,631	91	51,242	773	53,538	Ralph Graham.....	H. A. Wilson, Jefferson City.
Mont.....	397	9,033	53	18,386	153	19,157	J. W. Murdoch.....	W. J. Butler, Helena.

Summary of tuberculosis-eradication work in cooperation with States, November, 1924—Continued

State	Tuberculin tests during month			Total to date			Inspector in charge	State official
	Herds or lots	Cattle tested	Cattle reacted	Once-tested free herds	Accredited herds	Herds under supervision		
Nebr.....	1,612	21,668	229	12,112	142	12,920	C. H. Hays.....	L. R. Cantwell, Lincoln.
Nev.....	86	1,083	1	1,996	15	2,373	L. C. Butterfield.....	Edward Records, Reno.
N. H.....	187	3,974	275	1,855	946	3,421	E. A. Crossman.....	A. L. Felker, Concord.
N. J.....	201	3,890	309	967	364	1,730	W. G. Middleton.....	J. H. McNeil, Trenton.
N. Mex.....	62	627	2	2,253	4	2,468	F. L. Schneider.....	Mat. Keenan, Albuquerque.
N. Y.....	2,628	41,719	4,938	19,476	10,494	39,713	H. B. Leonard.....	H. J. Henry, Albany.
N. C.....	5,861	14,084	52	125,889	64	137,414	W. C. Dendinger.....	Wm. Moore, Raleigh.
N. Dak.....	587	12,702	181	15,090	2,563	20,316	H. H. Cohenour.....	W. F. Crewe, Bismarck.
Ohio.....	2,492	18,947	707	31,334	1,363	35,894	A. J. De Fosset.....	F. A. Zimmer, Columbus.
Okla.....	14	330	5	159	469	661	H. Grafke.....	J. A. Whitehurst, Oklahoma.
Oreg.....	1,172	10,410	117	27,776	634	24,958	S. B. Foster.....	W. H. Lytle, Salem.
Pa.....	3,578	32,198	516	19,582	3,073	24,976	P. E. Quinn.....	T. E. Munce, Harrisburg.
R. I.....				31	28	59	E. A. Crossman.....	T. E. Robinson, Providence.
S. C.....	229	1,277	3	863	185	5,038	W. K. Lewis.....	W. K. Lewis, Columbia.
S. Dak.....	173	4,799	105	536	398	1,139	J. O. Wilson.....	A. E. Beaumont, Pierre.
Tenn.....	166	3,422	16	146	402	12,744	E. I. Smith.....	W. B. Lincoln, Nashville.
Texas.....	14	627	1	721	267	1,179	L. J. Allen.....	L. G. Cloud, Fort Worth.
Utah.....	130	1,176	6	9,409	106	10,397	F. E. Murray.....	A. J. Webb, Salt Lake City.
Vt.....	573	14,696	597	1,983	2,785	7,146	L. H. Adams.....	Edward H. Jones, Montpelier.
Va.....	350	4,915	49	5,842	1,277	7,473	R. E. Brookbank.....	J. G. Ferneyhough, Richmond.
Wash.....	625	7,615	121	26,539	130	28,457	J. C. Exline.....	L. C. Pelton, Olympia.
W. Va.....	429	3,693	120	5,312	532	5,750	George W. Neff.....	J. H. Stewart, Charleston.
Wis.....	3,909	76,974	1,565	41,170	5,646	51,315	J. S. Healy.....	John D. Jones, jr., Madison.
Wyo.....	87	843	14	4,848	9	5,481	John T. Dallas.....	A. W. French, Cheyenne.
Total.....	50,938	601,308	17,992	656,845	58,823	875,331		

PERMITTED DISINFECTANTS

In accordance with the provisions of B. A. I. Order 273 (revised), governing the interstate movement of livestock, the bureau has granted permission for the use of the following-named cresol solutions in the general disinfection of cars, yards, and other premises:

"Creusan Saponified Cresol Solution," manufactured by U. S. Sanitary Specialties Corporation, 435-441 South Western Avenue, Chicago, Ill.

"Western White Face Brand 50% Cresol Compound (Saponified)," manufactured by Western Chemical Corporation, P. O. box 83, Houston, Tex.

"U. D. Liquor Cresolis Compositus," manufactured by the United Drug Co., 43 Leon Street, Boston, Mass.

The bureau also has granted permission to the Peet Stock Remedy Co., 33 South Twenty-fifth Street, Council Bluffs, Iowa, for the distribution and use of "San-I-Sol" in the general disinfection of cars, yards, and other premises. "San-I-Sol" is identical with a product of the same name manufactured by McLaughlin Gormley King Co., of Minneapolis, Minn.

LICENSES FOR VETERINARY BIOLOGICAL PRODUCTS

LICENSE TERMINATED

United States veterinary license No. 173, issued March 22, 1923, to the Berg Biological Laboratory, 331 Lenox Road, Brooklyn, N. Y., was terminated December 12, 1924, without prejudice.

ANTI-HOG-CHOLERA SERUM AND HOG-CHOLERA VIRUS PRODUCED UNDER UNITED STATES VETERINARY LICENSE, NOVEMBER, 1924

	C. C.
Ordinary serum.....	15, 088, 079
Clear serum.....	9, 051, 790
Total serum.....	24, 139, 869
Simultaneous virus.....	1, 715, 523
Hyperimmunizing virus.....	3, 068, 901

AMENDMENTS TO ADMINISTRATIVE REGULATIONS

SATURDAY AFTERNOONS IN SUMMER

By memorandum No. 505 of the office of the Secretary, dated October 30, 1924, paragraph 494 of the Administrative Regulations of the department is amended to read as follows:

"494. *Saturday afternoons in summer.*—Beginning with the second Saturday in June, all Saturdays to and including the second Saturday in September will be charged as four hours in annual leave and as a whole day in sick leave and leave without pay."

The above amendment is issued in order to conform to the Executive order of the President, dated June 13, 1924, which specifically states that "from the second Saturday of June to the second Saturday of September, both inclusive," instead of "from June 15 to September 15, inclusive," four hours shall constitute a day's work on Saturdays.

JURY SERVICE

By memorandum No. 506 of the office of the Secretary, dated October 30, 1924, paragraph 689 of the Administrative Regulations of the department is amended to read as follows:

"689. *Jury service.*—Employees of the department are exempt from jury service in the District of Columbia; are ineligible in the District of Columbia and elsewhere for jury service whenever the United States is a party, and can not lawfully be compelled to perform jury service in State or municipal courts if such service will interfere substantially with their official duties, but whether a particular employee shall be held exempt on this ground is a question to be decided in the first instance by the court issuing the summons, upon the facts which may be submitted to it by the employee or his official superior. In every case, therefore, where an employee is summoned for jury service in a State or municipal court, he should appear, and, if such service will interfere substantially with the performance of his duties, he should respectfully inform the court of that fact and request to be excused. If the court declines to excuse him, the employee should report the facts by wire to the chief of his bureau and take the matter up with the United States attorney for the district in which he is located. The chief of the bureau will notify the Solicitor immediately, in order that the Attorney General may be requested to instruct the United States attorney to render the employee such legal assistance as may be necessary.

"Employees who attend State or municipal courts as jurors will be required to take annual leave or leave without pay during the entire period of such service."

The purpose of this amendment is to express what was before left to implication—namely, that whether an employee should be excused from jury service because of interference of such service with his official duties is a question to be decided in the first instance by the court issuing the summons.

HIRING OF AUTOMOBILE FROM MEMBER OF FAMILY OR FELLOW EMPLOYEE

The Comptroller General has recently rendered a decision which reads in part as follows:

"Furthermore, and aside from any inhibition in administrative regulations, the hiring of an automobile from any member of the family of an employee, or from another employee under circumstances that might tend to indicate the existence of a reciprocal arrangement or that any employee might receive any personal benefit, directly or indirectly, from such hiring, is unauthorized as in contravention of the provisions of section 1765, Revised Statutes."

RESULTS OF PROSECUTIONS FOR VIOLATIONS OF LAWS

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

Livestock Quarantine Law

Chicago, Milwaukee & St. Paul Railway Co., interstate transportation of 10 dead hogs in same car with live animals, \$100 fine.

Twenty-Eight-Hour Law

Atlantic Coast Line Railroad Co. (3 cases), \$100 fine.

Baltimore & Ohio Railroad Co., \$100 fine.

Indiana Harbor Belt Railroad Co., \$100 fine.

Louisville & Nashville Railroad Co. (5 cases), \$500 fines.

Missouri, Kansas & Texas Railway Co. (14 cases), \$1,400 fines.

Pennsylvania Railroad Co. (5 cases), \$500 fines.

Meat-Inspection Law

William Reckziegel, Secaucus, N. J., offering uninspected meat for interstate shipment, \$50 fine.

El Bar Cattle Co., Colorado Springs, Colo., misuse of secondhand containers bearing the marks of Federal inspection, \$25 fine.

Consolidated Rendering Co., New York, N. Y., offering, for shipment in foreign commerce, quantities of uninspected, undenatured oleo oil having the physical characteristics of an edible product, \$3,000 fine.

Guenther Bologna Co., Easton, Pa., offering uninspected meat for interstate shipment, \$55 fine.

NEW PUBLICATIONS OF THE BUREAU

[The bureau keeps no mailing list for sending publications to individual employees, but publications are sent in bulk to officers in charge for distribution to members of their forces. The number of copies sent varies with the subject or nature of the publication and the number and class of employees. Officers in charge will use their judgment and distribute publications to best advantage. So far as possible additional copies will be furnished on request.]

Department Bulletin 1245. Stock-Poisoning Plants of the Range. By C. D. Marsh, Pathological Division. Pp. 36, pls. 43, figs. 30. (Revision of Department Bulletin 575.)

Farmers' Bulletin 1030 (revised). Feeding Horses. By J. O. Williams, Animal Husbandry Division. Pp. 22.

Farmers' Bulletin 1186 (slightly revised). Pork on the Farm. By F. G. Ashbrook and G. A. Anthony, Bureau of Animal Industry, and Frants P. Lund, Office of Cooperative Extension Work. Pp. 38, figs. 22.

Farmers' Bulletin 1361 (revised). Brahman (Zebu) Cattle. By Virgil V. Parr, Animal Husbandry Division. Pp. 22, figs. 9.

Amendment 6 to B. A. I. Order 283. Declaring names of counties placed in modified accredited areas for tuberculosis. Adds Hoke and Pitt Counties, N. C., Eddy and Wells Counties, N. Dak., and Lincoln County, Kans., to the counties on the modified accredited list. Effective for the period of three years from December 9, 1924. P. 1.



Amendment 30 to B. A. I. Order 287. Relative to foot-and-mouth disease in cattle, sheep, other ruminants, and swine. Releases entirely from quarantine, effective January 1, 1925, the counties of Contra Costa, Fresno, Los Angeles, Madera, Merced, and Orange, Calif. P. 1.

Amendment 31 to B. A. I. Order 287. Relative to foot-and-mouth disease in cattle, sheep, other ruminants, and swine. Releases portions of Galveston, Harris, and Brazoria Counties, Tex., effective January 1, 1925. P. 1.

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