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AGRICULTURAL EXPERIMENT STATION.

KANSAS STATE AGRICULTURAL COLLEGE.

FEED AND LIVE-STOCK REMEDY, CONTROL SECTION.

Kansas Live Stock Remedy Law, with List of Remedies Registered April 1, 1915.

When the Feeding-Stuffs Law was first passed, in 1907, an effort was made to bring all "medicated stock foods" and products of like character under the provisions of the law; this was especially declared in the amendment of 1908. After more than five years' trial this arrangement had proven so unsatisfactory that the legislature of 1913 made these products, together with all other remedies used internally for the treatment of live stock, the subject of a separate law. The Live-Stock Remedy Law went into effect July 1, 1913. The text of the law has been published in pamphlet form and given wide circulation. It may also be found in the Session Laws of 1913. We give herewith an abstract showing as briefly as possible the requirements of the law:

Live Stock Remedy Law.

Chapter 187, Session Laws of 1913.

**RELATING TO THE MANUFACTURE AND SALE OF MEDICINAL STOCK
FOODS AND REMEDIES.**

PURPOSES OF THE LAW

1. To give the purchaser of a live-stock remedy a knowledge of the ingredients in the material purchased.
2. To disclose the composition of all remedies that are composed principally of cheap "fillers."
3. To protect the manufacturer and dealer from the unfair competition of fraudulent or worthless goods.

The term "live-stock remedy," as used in the law, includes all condimental feeds, medicated stock foods, condition powders, conditioners, animal regulators, proprietary medicines,

or any preparation of like nature, in either solid or liquid form, designed for any animal except man, and administered internally.

All live-stock remedies, as defined above, for internal use must be registered with the director of the Experiment Station of the Kansas State Agricultural College at Manhattan, Kan. The application for registration must be a sworn statement, giving the English name of each ingredient contained in the remedy, also the actual percentages of any of the following substances: mineral acids; the following elements or their salts: copper, mercury, arsenic, antimony, and phosphorus; the following substances or any of their derivatives or preparations : opium, belladonna, nux vomica, pilocarpus, santonin, areca nut, wormwood, digitalis, strophanthus, calabar bean, aconite, veratrum, croton oil, ergot, cotton-root bark, and cantharides. The maximum percentage of "filler," including such substances as common salt, charcoal, sulphur, earth, humus, elevator dust, or other like substances, must also be shown.

Every sack, box, carton or other package of live-stock remedy sold in the state of Kansas must bear a label or tag showing:

1. The name and principal address of the manufacturer.
2. The name, brand or trade-mark under which the remedy is sold.
3. The English name of each ingredient used in the manufacture of the remedy, together with the percentages required in the application.

The package must also bear a tax stamp or tag, which the manufacturer is required to purchase, to show the payment of a tax of two cents per hundred pounds or pints. Stamps or tags are made in denominations of five, ten, fifteen, twenty, twenty-five, thirty, fifty, and one hundred pounds.

Payment for tags or stamps must be forwarded to the director of the Experiment Station of the Kansas State Agricultural College at Manhattan, Kan. It is then paid into the state treasury each month, and is used for the purpose of enforcing the Live-Stock Remedy Law.

A live-stock remedy can not be registered under a name, brand or trade-mark that is misleading or deceptive, or under a label that does not truthfully state the materials of which

it is composed. When the manufacturer has registered a remedy no other person will be required to register it.

The enforcement of the Live-Stock Remedy Law is placed in the hands of the director of the Experiment Station of the Kansas State Agricultural College at Manhattan, Kan., and either he or his authorized deputy shall have free access to all places of business, and shall have the power and authority to open any parcel of whatsoever kind used in the manufacture and sale of live-stock remedies for the purpose of making inspection of such remedies.

Representative samples of each brand of live-stock remedy sold or offered for sale in the state of Kansas shall be taken by the director of the Experiment Station of the Kansas State Agricultural College at Manhattan, Kan., or by his authorized deputy, for inspection and analysis. These representative samples shall be the unbroken original packages whenever practicable.

The facts concerning the violations of the Live-Stock Remedy Law shall be certified by the director of the Experiment Station to the proper prosecuting attorney, and in all prosecutions the certificate of analysis or examination, duly sworn to by a person authorized to make such analysis or examination, shall be *prima facie* evidence of the facts certified to such prosecuting officer.

The penalty for the violation of the Live-Stock Remedy Law is a fine of not to exceed one hundred dollars (\$100) for the first offense and not less than one hundred dollars (\$100) for each additional offense; all penalties recovered to be paid into the school fund of the county where the offense is committed.

The Live-Stock Remedy Law is not a law intended to raise revenue. The rate of tax (2 cents per hundred pounds or pints) is so small that no manufacturer can reasonably complain of the tax being burdensome. Hence no manufacturer need hesitate to meet the requirements of the law unless the plain statement upon the label of the ingredients used makes it impossible for him to persuade the consumer to buy his goods. In such cases the consumer is simply getting the protection he justly deserves.

Some of the manufacturers have simply failed to comply with the law; a few have positively refused to comply, and have withdrawn their remedies from sale in this state. The live-stock remedies produced by these manufacturers are barred

from sale in the state until the manufacturers meet the requirements of the law. The names of those refusing to register are given below, together with the names of the remedies formerly offered for sale by them :

S. R. Feil Company, Cleveland, Ohio. Sal-Vet.

Fleming Brothers, Chicago, Ill. Tonic Heave Remedy; Colic Cure.

Giles Remedy Company, Chicago, Ill. Magic Lotion and Blood Purifier.

H. Clay Glover, New York City, N. Y. Full line of remedies.

Humphrey's Homeopathic Medical Co., New York City, N. Y. Entire list of veterinary remedies.

Rnsndell's Stock Food Co., Clay Center, Kan. "Make Em Lay" Poultry Food.

John Robbins, Greensburg, Ind. Sal-Tone.

United Drug Company, Boston, Mass. Entire list of Elkay remedies.

A number of remedies in which common salt is the principal ingredient have been withdrawn from sale in the state, because the Live-Stock Remedy Law requires the manufacturers to state on the label the maximum percentage of salt used. Poultry remedies composed of shorts and a small amount of Epsom salts are no longer found on sale, simply because the manufacturer refuses to so label his goods as to tell his customers what they are getting. No customer would willingly pay at the rate of \$22.60 per hundredweight for wheat shorts containing a little Epsom salts. No live-stock remedy which complies with the law will be denied the privilege of sale in Kansas, and the remedies hereafter offered for sale will be sold upon their merits, as each package will be labeled to show the ingredients and net weight.

CONCENTRATED LYES.

The class of remedies which have heretofore been sold in the state, such as Merry War Lye and other concentrated lyes offered for sale as live-stock conditioners and cures for various animal diseases, are also brought under the provisions of the Live-Stock Remedy Law, and in all cases where these products are offered or exposed for sale as live-stock remedies for internal use they must state on the outside of the package the net weight and the various ingredients. Such investigations as have been conducted do not seem to bear out the claims made as to the value of these so-called remedies. Directions for feeding shown on the cans advise the same dosage and advertising claims the same curative action on brands of lye varying in purity from 98 per cent to 77.25 per cent. The

directions often printed on the can show the use of from one-fourth to one-half a can to one barrel of water. The standard barrel of water containing 6400 ounces, and the ordinary can of lye containing 12 ounces, the results of the combination, to say the least, would be doubtful, while the results from the use of lye in increased strength has, in many cases, proved fatal. This product, if classed as a remedy, might be used as an alkaline in cases of sour stomach and similar ailments. As a vermifuge we can find no proof that it is at all satisfactory. A little consideration of this matter will raise a doubt in the mind of any person as to the curative properties of concentrated lye.

It should be borne in mind at all times that there are no "cure-alls" among live-stock remedies any more than among remedies for human beings. Unless the owner of an animal is sure of his diagnosis, the safest and best plan is for him to employ a competent veterinarian, whose advice should be followed.

We give below some of the ingredients usually found in live-stock remedies. The list shown contains a number of the drugs commonly used in veterinary medicines, with their common names, and indicates the general effect these drugs may have. This list is in no sense intended to be a condensed "materia medica." It should be borne in mind that the list given is not intended as a recommendation of any remedy or class of remedies. These drugs have the effects shown, and may also have other effects. Nearly all drugs are more or less poisonous when given in large doses. In combination with other drugs, the effect of any of them may be altered. The action indicated, however, will be applicable in most cases and will add to the information that the statement of the various ingredients of the remedy, as shown on the label, is intended to give.

Acacia.—Demulcent.
 Aconite.—Depressant,
 Aloes.—Cathartic.
 Aloin (see Aloes).—Purgative.
 Alum.—Powerful astringent,
 American Wormseed.—Anthelmintic.
 Antimony (sulphurated).—Emetic.
 Antimony trisulphide (see Antimony).
 Aniseed—Aromatic; carminative.
 Areca nut.—Anthelmintic.
 Arsenic (poison).—Tonic.
 Asafetida.—Stimulant; antispasmodic.

- Belladonna*.—Sedative; stimulant.
Bismuth subnitrate.—Sedative; astringent.
Bicarbonate of soda.—Alkaline.
Bittersweet.—Increases secretions of kidney and skin.
Bloodroot.—Emetic.
Bone ash.
Bryonia.—Hydragogue; cathartic.
Buchu.—Kidney ailments.
Calomel (mercurous chloride).—Purgative.
Camphor.—Local; cooling; astringent; stimulant.
Cannabis, American (Indian hemp; American hemp).
Cannabis indica (Indian hemp).
Cantharides.—Blister; counter-irritant.
Capsicum.—Local stimulant.
Caraway.—Stomachic; corrective.
Carbolic acid (phenol).—Antiseptic; irritant.
Carbonate of iron.
Carbonate of soda.—Alkaline.
Cascarilla.—Aromatic; tonic.
Cascara sagrada.—Laxative.
Castor oil.—Cathartic.
Charcoal.—Absorbent.
Chloroform.—Anesthetic; counter-irritant and narcotic.
Cinchona bark (Peruvian bark).—Tonic; febrifuge.
Columbo.—Mild bitters; tonic.
Copperas (ferrous sulphate).—Astringent; chalybeate.
Copper sulphate (blue vitriol).—Stimulant; astringent; escharotic.
Coriander.—Aromatic.
Creosote.—Germicide.
Cresol (see Creosote).
Dandelion.—Tonic; aperient; diuretic.
Digitalis.—Circulation stimulant; diuretic.
Elecampane.—Tonic.
Epsom salts (magnesium sulphate).—Cathartic; diuretic.
Fenugreek.—Emollient.
Gentian.—Tonic; bitters.
German wormseed meal (see Levant wormseed).
Ginger.—Stimulant; carminative.
Glauber salts (sodium sulphate).—Cathartic.
Glucose.—Condiment; nutritive.
Golden seal.—Increases secretion of bile.
Guaiacol (see Creosote).
Hemlock oil.
Horse medley (commercial antimony).—Composition principally powdered coal; doubtful value.
Hyposulphite of soda. (Intestinal antiseptic.)
Indian hemp (hashish).—Powerful narcotic.
Iron sulphate (ferrous sulphate).—See Copperas.
Juniper berries.—Stimulant; diuretic.
Lavender, Compound tincture of.—Nausea.
Levant wormseed.—Vermicide; little used.
Licorice root.—Demulcent; pulmonary; intestinal.
Linseed oil.—Laxative.
Lobelia.—Severe emetic.
Magenta.—Coloring.
Magnesium.—Antacid; laxative.
Magnesium sulphate (see Epsom salts).
Male fern (aspidium).—Tæniacide.
Mandrake.—Cathartic; cholagogue.
Mercurous chloride (see Calomel).
Methyl salicylate (oil of wintergreen).—Flavor.

Milk sugar.—Condiment; nutritive.
Mustard.—Condiment; laxative.
Nitrate of potash (potassium nitrate, saltpeter).—Local; diuretic.
Nux vomica (poison).—Tonic and stimulant.
Oil of bitter almond.—Corrective.
Oil of cinnamon.—Aromatic; carminative.
Oil of eucalyptus.—Stimulant; expectorant.
Oil of fennel.—Carminative; corrective.
Oil of peppermint.—Stimulant; carminative.
Oil of turpentine.—Stimulant; diuretic.
Permanganate of potash.—Disinfectant; germicide.
Pinkroot.—Anthelmintic.
Pine tar.—Stimulant.
Poke root.—Purgative; narcotic.
Poplar bark.—Tonic.
Pumpkin seed.—Tæniafuge.
Quassia.—Tonic; bitters.
Resin.—Kidney.
Rhubarb.—Tonic; stomachic.
Sabadilla.—Drastic emetic; cathartic.
Santonin (active principle of Levant wormseed).—Vermicide.
Saltpeter (see Nitrate of potash).
Sassafras.—Aromatic; narcotic.
Senna.—Purgative.
Sodium chloride (common salt).
Sodium sulphate (see Glauber salts).
Spanish brown (ochre).—Coloring.
Starch.—Nutritive.
Stramonium (similar to belladonna).
Sulphate of soda (see Glauber salts).
Sulphur.—Laxative; diaphoretic.
Sulphuric ether.
Tartar emetic.—Emetic; expectorant; diaphoretic.
Tartaric acid.
Tobacco.—Narcotic; vermifuge.
Venetian red.—Coloring.
Wild cherry bark.—Tonic; doubtful.

List of Firms Registering Live-Stock Remedies.

The following list gives the names of all firms registered in Kansas, together with the names of remedies registered by each :

- The Abbott Alkaloidal Company, Chicago, Ill.:
 Abbott's Chicken Cholera Remedy for Poultry.
- Antisecrete Manufacturing Company, Sabetha, Kan.:
 Antisecrete.
- S. F. Baker & Company, Keokuk, Iowa:
 Baker's Condition Powder.
- The Dr. S. E. Ball Medical Company, Fort Scott, Kan.:
 Hog Cholera Remedy.
 Hog Lung Remedy.
 Poultry Tonic.
 Stock Tonic.
 Veterinary Colic Remedy.
 Veterinary Kidney Remedy.
 Veterinary Physic.

- Barber Medicine Company, Kansas City, Mo.:
Barber's Hog Powder.
- Beauchamp Manufacturing Company, Holton, Kan.:
Beauchamp's Distemper Remedy.
- The Binkley Medical Company, Nappanee, Ind.:
Frazier's Distemper Remedy.
- The Blackman Stock Remedy Company, Chattanooga, Tenn.:
Blackman's Medicated Salt Brick.
Char-Med-Sal.
Ideal Poultry Tablets.
Owen's Health and Egg Producer.
- J. H. Brown & Company, Atchison, Kan.:
Alcorn's Chicken Cholera Powder.
- Callahan Manufacturing Company, Omaha, Neb.:
Champion Horse Conditioner.
Champion Worm Expeller.
- The Capitol Food Company, Tiffin, Ohio.
Salvago.
- R. R. Clutz, Bendena, Kan.:
Kansas Hog Tonic.
- Columbian Hog and Cattle Powder Company, Kansas City, Mo.:
Columbian Stock Powder.
- The G. E. Conkey Company, Cleveland, Ohio:
Conkey's Bronchitis Remedy.
Conkey's Chicken Pox Remedy.
Conkey's Cholera Remedy.
Conkey's Laying Tonic.
Conkey's Limber Neck Remedy.
Conkey's Poultry Tonic.
Conkey's Roup Remedy.
Conkey's Starting Food (For Chicks).
Conkey's Stock Tonic.
Conkey's White Diarrhoea Remedy.
- L. L. Constant, Belle Plaine, Kan.:
Government Hog Powder.
- Albert Cure & Son, Atchison, Kan.:
Poultry Powder.
Poultry Zone.
Stock Powder.
- The Dairy Association Company, Lyndonville, Vt.:
Kow Kure.
Grange Garget Remedy.
American Horse Tonic.
- Dr. A. C. Daniels, Inc., Boston, Mass.:
Dr. A. C. Daniels' Cow Invigorator.
Dr. A. C. Daniels' Horse Renovator Powders.
Dr. A. C. Daniels' Worm Killer Powders.
Dr. A. C. Daniels' Cough, Cold, Fever and Distemper Drops.
Dr. A. C. Daniels' Colic Drops.
- The Dent Medicine Company, Newburg, N. Y.:
Dent's Diarrhoea Pills.
Dent's Cholera Remedy.
Dent's Condition Pills.

Dent's Blood Pills.
Dent's Distemperine.
Dent's Vermifuge.
Dent's Tape Worm Remedy.
Dent's Laxative.

C. W. Dougherty Manufacturing Company, Kansas City, Mo.:

Kellerstrass Roup Remedy.
Kellerstrass Cholera Remedy.
Kellerstrass Egg-A-Day Tonic.
Kellerstrass Gape Remedy.
Kellerstrass Limberneck Remedy.
Kellerstrass White Diarrhoea Remedy.
Kellerstrass Chicktone.

Douglas & Son, Manhattan, Kan.:

Success Stock Powder.
Success Poultry Tonic.

The Economy Hog and Cattle Powder Co., Shenandoah, Iowa:

Economy Stock Powder.

The Electric Medical Company, Ashland, Kan.:

Electric Stock Tonic.

Emmert Proprietary Company, Chicago, Ill.:

Uncle Sam's Condition Powder.

Farmer's Hog and Cattle Powder Company, Tecumseh, Neb.

Farmers' Stock Powder.
German Hog Remedy.

The Farmer's and Manufacturer's Remedy and Supply Company, Kansas City, Mo.:

Wright's Hog Health.

The Federal Stock Food Company, Mifflinburg, Pa.:

Federal Stock Tonic.
Federal Poultry Tonic.

J. J. Fleck, Tiffin, Ohio:

Fleck's Poultry Powder.
Fleck's Stock Powder.
Fleck's Condition Powder.
Fleck's Hog Remedy Worm Powder.
Fleck's Heave Remedy.

The F. & K. Remedy Company, Arkansas City, Kan.:

F. K. (For White Diarrhoea and Cholera).

Dr. S. C. Freeland, D. V. S., Marion, Kan.:

Freeland's Alterative Powders.
Freeland's Colic Remedy.

Furst-McNess Company, Freeport, Ill.:

F. W. McNess Poultry Tonic.
F. W. McNess Sal-Tonic (A Medicated Stock Salt).
F. W. McNess Stock Tonic.

The German Distemper Remedy Company, Goshen, Ind.:

German Distemper Remedy.

The Germo Manufacturing Company, Sedalia, Mo.:

Cholerine.

B. Goodwin, Topeka, Kan.:

Goodwin's Poultry Remedy.

- The Goshen Distemperine Company, Goshen, Ind.:
Distemperine.
- J. W. Grauerholz, Kensington, Kan.:
Jim's Germicide.
- E. E. Gray, Protection, Kan.:
Gray's Condition Powders.
- Ed. F. Haberlein, McPherson, Kan.:
Dog Distemper Remedy.
For Worms.
Condition Pills.
Distemper Pill (Part of Distemper Treatment).
Eczema Pill (Part of Eczema Treatment).
Tonic Pills.
- Haller Proprietary Company, Blair, Neb.:
Condition Powder.
Hog Worm Powder.
Poultry Powder.
Stock Powder.
- The Hamilton Drug Company, Atchison, Kan.:
Government Hog Cholera Powder.
Hamilton's Hog Health.
- The Hammer Remedy Company, Lamoni, Iowa:
Inomal White Diarrhœa Remedy.
- J. B. Hampton, Colby, Kan.:
Sunflower Stock Powder.
- Joe Heavenridge, Canon City, Colo.:
Cholera Put-Us-On-The-Hog.
- Dr. Hess & Clark, Ashland, Ohio:
Dr. Hess Stock Tonic.
Dr. Hess Worm Powder.
Dr. Hess Hog Worm Powder.
Dr. Hess Poultry Panacea.
Dr. Hess Heave Powder.
Dr. Hess Distemper, Fever and Cough Remedy.
Dr. Hess Colic Remedy.
Dr. Hess Roup Remedy.
- The International Stock Food Company, Minneapolis, Minn.:
International Medicinal Poultry Food Tonic.
International Medicinal Stock Food Tonic.
International Sulpho Salts.
International Heave Remedy.
International Colic Remedy.
International Hog Worm Remedy.
International Worm Remedy.
International Distemper Remedy.
- T. H. Jackson & Company, Quincy, Ill.:
T. H. Jackson's Common Sense Renovating Powders.
T. H. Jackson's Common Sense Colic Remedy.
- J. & H. Medical Company, Colony, Kan.:
J. & H. Distemper Remedy.
- F. E. Johnson & Company, Pierce City, Mo.:
Maggie's Poultry Medicine.

- Kalo Stock Remedy Company, Quincy, Ill.:
Hog Tonic.
Medicated Brick.
Medicated Salt.
Poultry Tonic.
Sheep Tonic.
Steer Tonic.
- The Kansas City Sanitary Company, Kansas City, Mo.:
Eureka Stock Powder.
- The Kansas City Veterinary Remedy Company, Kansas City, Mo.:
Scientific Minerals, Herbs and Roots.
- The Kansas Kolera Kure Company, Hutchinson, Kan.:
The Kansas Kolera Kure.
- The King Company, Rockford, Ill.:
King Poultry Powder.
King Stock Tonic.
King Veterinary Colic Remedy.
King Veterinary Worm Remedy.
- I. J. Kinyon, Bern, Kan.:
Concentrated Hog Powders.
- K. K. K. Medicine Company, Keokuk, Iowa:
Dr. Machin's K. K. K. Condition Powder Regulator.
- The Kraum Remedy Company, Emporia, Kan.:
Kraum's Poultry Powder.
Kraum's Condition Powder.
Kraum's Cholera and Roup Remedy.
- George H. Lee Company, Omaha, Neb.:
Lee's Best Conditioner.
Lee's Egg Maker.
Lee's Hog Remedy.
Lee's Stock Tonic.
Lee's Worm Powder.
- H. W. Loveland, Wichita, Kan.:
Doc. Loveland's Remedy for White Diarrhoea in Little Chicks.
- Mrs. Nancy McGraw, Fort Scott, Kan.:
Dr. McGraw's Colic Cure.
- The McPike Drug Company, Kansas City, Mo.:
Government Hog Cholera Remedy.
- Menke & Company, Kansas City, Mo.:
Chickena.
Lion Brand Stock Powder.
- W. H. Metzger Manufacturing Company, Quincy, Ill.:
Egge.
- Miller Drug Company, Junction City, Kan.:
Goings Condition Powder.
- Missouri Grocery Company, Kansas City, Mo.:
Chick-A-Tone.
- Monarch Chemical Company, Wichita, Kan.:
Sure Shot Stock Powder.
- James L. Murray, Coldwater, Kan.:
Keystone Colic Cure.

- National Chemical Company, Burlington, Iowa:
Dr. Miller's "Lucky Strike" Poultry Tonic.
Dr. Miller's "Lucky Strike" Stock Tonic.
- The O. S. Hog Remedy Company, Tonkawa, Okla.:
O. S. Hog Remedy.
- Old Kentucky Manufacturing Co., Paducah, Ky.:
B. A. Thomas' Imp. Hog Powder.
B. A. Thomas' Imp. Stock Remedy.
B. A. Thomas' Imp. Poultry Remedy.
- Olephan Chemical Company, Wamego, Kan.:
F. S. H.
- The Omaha Remedy Company, Omaha, Neb.:
Omaha Remedy Cattle Powders.
Omaha Remedy Hog Powder.
Omaha Remedy Horse Powders.
Omaha Remedy Poultry Powder.
Omaha Remedy Special Hog Powder (Prepared for Sick Hogs).
- Paxton-Eckman Chemical Company, Omaha, Neb.:
P-E Regular Powder.
P-E Poultry Powder.
P-E Special Hog Powder.
P-E Special Horse Powder.
- The Peerless Stock Powder Company, Falls City, Neb.:
Peerless Stock Powder.
- Pioneer Stock Dip and Remedy Company, Kansas City, Mo.:
Conditioner and Worm Expeller.
Horse Conditioner and Worm Expeller.
- Pratt Food Company, Philadelphia, Pa.:
Pratt's Animal Regulator.
Pratt's Baby Chick Food.
Pratt's Bronchitis Remedy.
Pratt's Conditioner for Horses and Cattle.
Pratt's Condition Powder.
Pratt's Condition Tablets.
Pratt's Colic Remedy.
Pratt's Cow Tonic.
Pratt's Chicken Cholera Remedy.
Pratt's Distemper Remedy.
Pratt's Gape Remedy.
Pratt's Heave Remedy.
Pratt's Hog Cholera Specific.
Pratt's Hog Worm Powder.
Pratt's Poultry Regulator.
Pratt's Roup Remedy (Powder Form).
Pratt's Roup Remedy (Pill Form).
Pratt's Sore Head Chicken Pox Remedy.
Pratt's White Diarrhoea Remedy.
Pratt's Worm Powder.
- The Premium Chemical Company, St. Joseph, Mo.:
Government Hog Cholera Remedy.
- The Prussian Remedy Company, St. Paul, Minn.:
Poultry Tonic.
Stock Tonic.
Vermo-Salto.
Colic Killer.

Roup Remedy.
Hog Worm Powder.
Horse Worm Powder.
Horse Tonic.
Calf Tonic.

The W. T. Rawleigh Medical Co., Freeport, Ill.:
Rawleigh's Colic and Bloat Remedy.
Rawleigh's All Medicine Hog Mixture.
Rawleigh's Cough and Heave Remedy.
Rawleigh's All Medicine Stock Mixture.
Rawleigh's Poultry Powder.
Rawleigh's Stock Tonic.

John Reese, Newton, Kan.:
Reese's Condition Powder.
Reese's Poultry Powder.

T. J. Ritner, Atchison, Kan.:
Ritner's Mustard Bran.

David Roberts Veterinary Co., Waukesha, Wis.:
Breeding Tonic. Kidney Aid.
Calf Cholera Remedy. Laxotonic.
Calf Meal. Physic Balls.
Colic Drench. Poultry Cholera Medicine.
Cow Cleaner. Poultry Tonic.
Cow Tonic. Roup Paste (Poultry).
Fever Paste. Sheep Tonic.
Heave Powder. Stock Vigor.
Hog Tonic. Worm Powder.
Horse Tonic.

Alex Roese, McCune, Kan.:
Roese's Chicken Cholera Remedy.
Roese's Roup Remedy, Egg and Health Promoter.

Salt-Lode Manufacturing Co., Baldwin, Kan.:
Salt-Lode.

A. J. Sauer, Wichita, Kan.:
Improved Condition Powder.

The Scarless Remedy Company, Winterset, Iowa:
Scarless (Brand) Vi Tone.
Scarless (Brand) White Diarrhœa and Cholera Remedy.
Scarless (Brand) Poultry Tonic.
Scarless (Brand) Stock Tonic.
Scarless (Brand) Roup and Cholera Specific.
Scarless (Brand) Hog Worm Destroyer.

Scientific Stock Raisers Medical Ass'n, Kansas City, Mo.:
Scientific Minerals, Herbs and Roots.

Security Remedy Company, Minneapolis, Minn.:
Condition Powder for Horses and Mules.
Cough, Cold and Distemper Remedy.
Security Calf Food.
Security Poultry Powder.
Security Stock Powder.
Security Worm Powder.
Ton-Vermi.

Scott-Lanyon Cash Drug Co., Pittsburg, Kan.:
Prescription No. 40,300.

- The A. B. Seelye Medical Co., Abilene, Kan.:
Seelye's Golden Belt Stock Tonic.
Seelye's Universal Condition Powder.
- The Shreve Drug Company, White Cloud, Kan.:
No. 79 Colic Remedy.
- Sipe Conditioner Manufacturing Co., Hiawatha, Kan.:
Sipe's Guaranteed Stock Conditioner.
Sipe's Guaranteed Hog Conditioner.
Sipe's "Noxigerm" (A Poultry Remedy).
- C. Skelding, Fort Scott, Kan.:
American Stock Food or Condition Powder.
- Dr. Earl S. Sloan, Inc., Philadelphia, Pa.:
Sloan's Horse Powder.
Sloan's Anti-Colic.
Sloan's Worm and Tonic Powders.
Sloan's Fever and Distemper Tonic.
- Dr. D. C. Snoddy Co., Nashville, Tenn.:
Snoddy's Hog Cholera Powder.
- The Dr. J. H. Snoddy Remedy Co., Alton, Ill.:
The Snoddy Remedy for Hogs and Poultry.
- The Standard Chemical Manufacturing Co., Omaha, Neb.:
Standard Hog Regulator.
Standard Horse and Cattle Regulator.
Standard Poultry Tonic.
Standard Milk Meal.
Standard Stock Food.
- Steel's Hog Remedy Company, Sabetha, Kan.:
Steel's Hog Remedy.
- T. Stevens, Hiawatha, Kan.:
Horse Colic Cure.
- Stock Food Company of America, Minneapolis, Minn.:
Clover Brand Stock Tonic.
Clover Brand Poultry Tonic.
Clover Brand Worm Powder.
- The W. R. Talbott Chemical Company, Sandusky, Ohio.:
Sal-Medico.
- Clarence Teeter, Huron, Kan.:
"Little Dick's" Germ Killer.
- Clif. E. Thompson, Kansas City, Mo.:
Thompson's "Anti-Kolera."
- Ungles Hoggette Manufacturing Co., Lincoln, Neb.:
Ungles' Hoggette.
- Union Stock Yards Company of Omaha, South Omaha, Neb.:
Grain Belt Brand Vegetable Hog Potash.
- The Victor-Cooper Co., Downs, Kan.:
Cooper's Antizymotic Alfalfa Bloat and Colic Remedy.
Cooper's Anti-Spasmodic Colic Remedy.
Cooper's Equine Tonic Solution of Potassium Arsenite.
Cooper's Antiseptic Liniment.
Silotone Stock Powder.
- Victor Manufacturing Company, Spring Hill, Kan.:
Victor Germ Arrestor.
Victor Oil.
Victor Swine Conditioner.

- Walker Remedy Company, Lamoni, Iowa:
Walker Roup and Cholera Remedy.
Walko Tonix.
- S. J. Ward, Sylvan Grove, Kan.:
Ward's Condition Powder.
- The J. R. Watkin's Medical Co., Winona, Minn.:
Watkin's Poultry Tonic.
Watkin's Stock Tonic.
- Weetman & Weetman, Topeka, Kan.:
Poultry Tonic.
- The Western Buyers' Association, Kansas City, Mo.:
W. B. A. Condimental Stock Food.
W. B. A. Poultry Food.
- The Western Stock Remedy Company, Lawrence, Kan.:
Farmers' Union Stock Tonic.
- The Wherrett-Mize Drug Co., Atchison, Kan.:
Government Hog Powder.
- The Wilbur Stock Food Company, Milwaukee, Wis.:
Wilbur's Calf Meal.
Wilbur's Cough, Cold and Distemper Remedy.
Wilbur's Gas Colic Cure.
Wilbur's Heave Remedy.
Wilbur's Hog Tonic.
Wilbur's Pink Eye Remedy.
Wilbur's Pure Medicated Salt.
Wilbur's Stock Tonic.
Wilbur's Poultry Tonic.
Wilbur's Worm Powder.
- C. H. Wintersteen, Cameron, Mo.:
Barnett Stock Remedy.
Save the Horse Wonder Powder.
- W. F. Young, P. D. F., Springfield, Mass.:
Young's Kidney and Nerve Powders.
Young's Fattening and Condition Drops.
- R. E. Zimmerman, Troy, Kan.:
Troy Stock Powder.

