

# AGRICULTURAL EXPERIMENT STATION

KANSAS STATE AGRICULTURAL COLLEGE  
MANHATTAN, KANSAS

DEPARTMENT OF MILLING INDUSTRY  
FEED CONTROL OFFICE

## THE ENFORCEMENT OF THE KANSAS LIVESTOCK REMEDY LAW

L. A. FITZ and A. E. LANGWORTHY

### TABLE OF CONTENTS

	PAGE		PAGE
PURPOSE OF THE LAW	1	GENERAL INFORMATION	9
CAUTION	2	TABLE I-INGREDIENTS USED IN SIX	
INSTRUCTIONS	2	CLASSES OF REGISTERED LIVESTOCK	
Correspondence—Remedies that must be		REMEDIES, THEIR PROPERTIES, NUMBER	
registered, labeled, and show payment of		OF TIMES USED, ETC	10
tax—Applying for registration—Labels—		EXPLANATION OF TERMS USED IN TABLE I, 28	
Tax stamps or tags—Remittances—		TABLE II—LIVESTOCK REMEDIES REGIS-	
Registration samples		TERED IN KANSAS UP TO JULY 1, 1922	31
WARNING	8		

### PURPOSE OF THE LAW

The purpose of the Kansas Livestock Remedy Law is to give such information to a person proposing to use a remedy for livestock, that he may form an intelligent opinion as to its value for the purpose intended, without being too largely influenced by the often extravagant claims of the vendor

The law requires that the English name of each ingredient of a remedy, the actual percent of certain very active drugs, and the maximum percent of any ingredient used as a filler, that is to dilute a remedy or increase its bulk or weight, shall be given in the application and on the label. It is the intent of the law that the specific English name shall be given. The English name of most drugs are

ACKNOWLEDGMENT—The authors desire to acknowledge the valuable assistance rendered by Dr R R Dykstra, Dean, Division of Veterinary Medicine, in the preparation of this circular, particularly that portion entitled "General Information"

specific and definite, being the English translation of the official or United States Pharmacopeial Latin name. When ingredients are used for which there is no official name, the specific English name in ordinary use must be given. People usually know the properties and approximate price of the common drugs which compose the active part of most livestock remedies. Therefore when the specific English name of all ingredients, the actual percent of those mentioned in the law, and the maximum percent of such as are used as fillers are given on the label, a prospective purchaser is in position to judge for himself as to the value of the remedy and to determine whether he wants to pay the price asked for the combination.

It is not the purpose of the law to compel manufacturers of livestock remedies to divulge their formulas.

The name and exact proportion or amount of each ingredient must be given in order to constitute a formula.

---

#### CAUTION

All persons or firms in this state who purchase livestock remedies are cautioned against buying those which do not comply with Kansas law. It is advised that the clause, "Goods delivered on this contract must comply with Kansas law," be inserted in all contracts for livestock remedies.

---

#### INSTRUCTIONS

Careful observation of the instructions contained in this circular will enable manufacturers and dealers to avoid more or less difficulty in registering livestock remedies and otherwise complying with the law.

#### CORRESPONDENCE

All correspondence relating to the registration of livestock remedies should be addressed to the Feed Control Office, Manhattan, Kan.

#### REMEDIES THAT MUST BE REGISTERED, LABELED, AND SHOW PAYMENT OF TAX

All remedies advertised or recommended for internal administration to any animal except man, must be registered, labeled, and show payment of the livestock remedy tax by a stamp or tag affixed to the outside of each package. Remedies advertised or recommended for the use of man, principally, and to be administered internally to livestock occasionally, do not require registration.

**APPLYING FOR REGISTRATION**

1. All applications for registration of livestock remedies must be made on blanks furnished by the Feed Control Office.

2. In filling in an application blank for the registration of a livestock remedy great care must be used in giving the names of the ingredients and the percents of those required by law. The law requires that the English name of each ingredient used in a remedy, the percent of certain ingredients, and the maximum percent of other ingredients under certain conditions, must be given in the application and on the label. This requirement must be so complied with that the full intent and the meaning of the law is carried out.

3. The specific English name of each ingredient used in a remedy with the percent of the following ingredients must be given in the application and on the label: Mineral acids; the following elements or their salts—antimony, arsenic, copper, mercury, and phosphorus, and the following substances or any of their derivatives or preparations—aconite, areca nut, belladonna, calabar bean, cantharides, cotton root bark, croton oil, digitalis, ergot, nux vomica, opium, pilocarpus, santonica, strophanthus, veratrum, and wormwood.

The maximum percent of the following ingredients must be given with the specific English name in the application and on the label: Charcoal, common salt, corn meal, earth, elevator dust, humus, screenings, shorts, sulphur, water, and any other ingredient when used principally as a filler or to dilute or increase the bulk or weight of a remedy.

4. In order that the Feed Control Office may determine whether an ingredient should be classed as a filler, the percent of said ingredient may be required to be shown in the application for official information only. If it is found that it is not used in excessive amount it will not be required that the maximum percent be shown on the label.

5. If a preparation made from a drug is used in a remedy the specific English name of the preparation must be given in the application and on the label, not the name of the drug only. Example: "Fluid-extract of belladonna," not just "Belladonna."

6. To illustrate how the requirements as to giving the English names and percents should be complied with, the following examples are given:

*a.* Suppose that "blue vitriol" is an ingredient of a remedy and that 2 pounds of it is used in each 100 pounds of the remedy. If the English translation of the official Latin name "copper sulphate" is

used alone it would indicate that pure copper sulphate is used, and if so written the use of the pure salt may be required. However, the grade of this substance most often used is the commercial variety, which is not pure. This grade is usually known by the trade name of "blue vitriol." In order to give the specific English name in the application and on the label when this grade is used the name should be written thus: "Copper sulphate (blue vitriol) 2 percent, or "Commercial Copper Sulphate 2 percent"

*b.* If Santonica is used in a remedy in the proportion of 5 percent, the English name should be given thus: Santonica, 5 percent. But as this name is very little known it is not only permissible but advisable to follow the English name with the common name thus Santonica (Levant Wormseed), 5 percent.

*c.* An ingredient often used is the so-called iron oxide, but it has been found that by this is meant the venetian red of commerce. Therefore, to give the English name in the application and on the label indicating specifically and truly what material is used, in accordance with the requirements of the law, the name should be written "venetian red," not "iron oxide."

*d.* Calcium carbonate is the name often given to a material frequently used as a filler. The use of this name alone should be restricted to pure calcium carbonate, but it has been found that it is used to cover various substances composed either in whole or in part of calcium carbonate such as: Limestone, oyster shell, chalk, whiting, marble dust, etc. When any of these substances or others of like nature are used in a remedy the specific English name of the particular substances used should be given in the application and on the label thus: "Limestone, maximum 30 percent", "oyster shell, maximum 20 percent", "chalk, maximum 25 percent", "whiting, maximum 40 percent", "marble dust, maximum 20 percent"; etc.

*e.* Sulphur is an ingredient of many remedies, but only a very small percent of it can be absorbed by the system and exert any remedial action. Therefore, if a small percent only is used in a remedy it will be classed as a remedial agent and the maximum percent will not be required to be shown on the label. But, If on the other hand sulphur forms an excessively large part of a remedy, it is plain that the sulphur is used as a filler and the maximum percent will be required to be shown both in the application and on the label.

7. Permission must be obtained from the Feed Control Office before making any change in the ingredients of a registered remedy

or in the percent in which an ingredient is used, if the percent, either actual or maximum, is required to be shown on the label.

8. The application should be accompanied by an order for not less than \$5 worth of tax stamps or tags for each remedy.

9. All spaces on the application blank should be very carefully filled in.

10. The application must be signed and sworn to before a notary public or other commissioned officer authorized to take acknowledgments.

11. The firm name signed to the application must be the one used on the label.

12. An exact copy of the application for registration as accepted by the Feed Control Office should be kept on file by each manufacturer.

13. Registrations for livestock remedies are permanent. If a manufacturer discontinues the sale of one or more of his remedies in this state he should notify the Feed Control Office of that fact.

**LABELS**

1. The following information is required on the label.

*a.* The name and principal address of the manufacturer or person responsible for placing the livestock remedy on the market.

*b.* The name and brand or trade mark under which the livestock remedy is sold.

*c.* The minimum net contents of carton, box, sack, or other package in which the remedy is sold.

*d.* The specific English name of each ingredient used in the manufacture of the remedy.

*e.* The percent of each of the following when used as ingredients of a remedy.

*aa.* Mineral acids.

*bb.* The following elements or their salts—antimony, arsenic, copper, mercury, and phosphorus.

*cc.* The following substances or any of their derivatives or preparations—aconite, areca nut, belladonna, calabar bean, cantharides, cotton root bark, croton oil digitalis, ergot, nuxvomica, opium, pilocarpus, santonica, strophanthus, veratrum, and wormwood.

*f.* The maximum percent of the following—charcoal, common salt, corn meal, earth, elevator dust, humus, screenings, shorts, sulphur, water and of any other substances when used principally as a filler or to dilute or increase the bulk or weight of a remedy.

2. Required information may be either printed on the carton enclosing the remedy or on a label affixed thereto, but in either case must be plainly printed and in a conspicuous place on the outside of each package in which the remedy is contained .

3. There is no objection to giving on the label information not required by law as to the percentage of ingredients.

4. A sample or an exact copy of the label proposed to be used on any remedy, registration of which is applied for must be submitted with the application for registration.

5. The names of the ingredients of a remedy shown on the label must be exactly the same as those shown in the application.

6. New labels should not be printed until the exact wording thereon has been accepted by the Feed Control Office.

7. All remedies coming under the provision of the livestock remedy law and to be offered for sale in this state must be labeled in accordance with the requirements of the law before leaving the manufacturing plant or before being shipped into this state.

8. Dealers must see that all livestock remedies coming under the law are properly labeled before exposing them for sale.

9. Dealers will be held responsible for exposing, offering for sale or selling any livestock remedy coming under the law if each package thereof is not labeled as required by law.

**TAX STAMPS OR TAGS**

1. No registration fee is required on livestock remedies, which are, however, subject to a tax payable by the manufacturer or other person or firm responsible for placing them on the market. The payment of this tax must be shown by a stamp or tag on the outside of each package stating that the tax has been paid.

2. The tax stamp or tag must be affixed to the outside of each package of livestock remedy coming under the provision of the law before it leaves the manufacturing plant or is shipped into this state.

3. Dealers must see that the required tax stamp or tag is affixed to each package of livestock remedies coming under the law before exposing or offering them for sale.

4. Dealers will be held responsible for exposing, offering for sale or selling any livestock remedy coming under the law to each ack-age of which the tax stamp or tag required by law is not affixed.

5. Tax stamps and tags are issued as follows:

Gummed stamps good for not over 5 pounds.....	1,000 for \$1.00
Gummed stamps good for not over 10 pounds.....	500 for \$1.00
Gummed stamps good for not over 15 pounds.....	333 1/3 for \$1.00

LIVESTOCK REMEDY LAW

Gummed stamps good for not over 20 pounds.....	250 for \$1.00
Gummed stamps good for not over 25 pounds.....	200 for \$1.00
Gummed stamps good for not over 30 pounds.....	166 2/3 for \$1.00
Tags good for not over 50 pounds.....	100 for \$1.00
Tags good for not over 100 pounds.....	50 for \$1.00

**REMITTANCES**

Checks, drafts, and remittances of all kinds should be made payable to the Feed Control Office.

**REGISTRATION SAMPLES**

1. A registration sample of each remedy registered must be sent in, but it should not be sent until called for, or until the wording of the label has been passed on and the application accepted .
2. Registration sample should consist of an original sealed package, labeled exactly as it is proposed to label the remedy when it is offered for sale in the state, provided that said package is not over 5 pounds in weight. If a remedy is sold only in bulk or in packages of more than 5 pounds in weight, the registration sample should consist of about 1 pound of the remedy in a sealed package, accompanied by the label or an exact copy of the label to be used on the remedy when offered or exposed for sale in Kansas.
3. Registration samples must be sent prepaid.

**WARNING**

The following firms have declined or failed to register and otherwise make those of their remedies which are for the internal use of livestock comply with the provisions of the Kansas Livestock Remedy law. Therefore, all remedies of their manufacture which are for the internal use of any animal (except man) are barred from sale in this state and must not be sold, offered or exposed for sale, or distributed in this state until further notice from the Feed Control Office

FIRM	ADDRESS
Bunell-Dugger Company	Indianapolis, Ind
Fleming Brothers	Chicago, Ill
Giles Remedy Company	Chicago, Ill
H Clay Glover	New York City, N Y
Homeopathic Medicine Company	New York City, N Y
Magic Food Company	Chattanooga, Tenn
Raisall Remedy Company	Blackwell, Okla
Ransdell's Stock Food Company	Clay Center, Kan
Spohn Medical Company	Goshen, Ind
John Robbins Company	Greensburg, Ind
Wells Medicine Company	Lafayette, Ind



**GENERAL INFORMATION**

A study of the registrations shows that very many livestock remedies are apparently compounded along the line of the old fashioned "shot gun" prescription with the idea that if enough different ingredients are used in a remedy maybe some one of them will hit the spot and do some good. Other remedies are composed of ingredients of recognized merit for the purpose intended. The Livestock Remedy law, by requiring the specific English name of each ingredient and the actual, or the maximum, percent of certain ingredients to be shown on the label, enables a person to judge for himself as to the merits of a remedy for the purpose intended.

In considering the value of a remedy from the information given by the label a consumer should give particular attention to the amount of "fillers" contained therein. For instance if a remedy is labeled as containing Columbo, gentian, nux vomica one-half percent, iron sulphate, fenugreek, screenings 60 percent, and salt 30 percent, it is plain that it contains 90 percent of fillers and only 10 percent of combined drugs which have any particular remedial value. The question is whether an animal will get enough of the really valuable drugs to have any appreciable effect when the mixture is given in ordinary doses, and also whether the combination is worth the price charged.

The indiscriminate use of livestock remedies is not advised. However, as an aid in deciding as to the merits of any remedy, Table I, showing what medicine or ingredients are most used in compounding livestock remedies, their English names, common names or synonyms, and the properties of each, has been prepared. An examination of the registrations of livestock remedies on file in the Feed Control Office shows that a very large number of different ingredients are used in the manufacture of the livestock remedies registered. Six of the important classes of these remedies have been selected for this table and, in addition to giving the English name, common name, and properties of each ingredient, there is shown the number of remedies in each class in which each ingredient is used, also the number of remedies in which each ingredient is used in all of the registered remedies included in the six classes. Following the table is a brief discussion of the value of the various ingredients used, for the purpose indicated.

TABLE I—INGREDIENTS USED IN SIX IMPORTANT CLASSES OF REGISTERED LIVESTOCK REMEDIES, THEIR PROPERTIES, THE NUMBER OF REMEDIES IN EACH CLASS IN WHICH EACH INGREDIENT IS USED, AND THE TOTAL NUMBER OF REMEDIES IN THE SIX CLASSES IN WHICH EACH INGREDIENT IS USED

INGREDIENTS			Number of times used in						
English name	Common name or synonym	Properties	56 stock tonics	62 condition powders	37 worm remedies	21 colic remedies	24 roup remedies	48 poultry tonics	248 remedies discussed
Absinthium	Worm wood	Tonic Anthelmintic	0	0	1	0	0	0	1
Acacia	Gum arabic	Adhesive Demulcent	1	0	0	0	0	0	1
Aconite	Monk's hood	Poison Febrifuge	0	0	0	0	6	1	7
Alcohol		Preservative	2	0	0	13	0	0	15
Alfalfa meal		Nutrient	2	2	0	0	0	4	8
Aloes		Cathartic	0	3	7	0	0	1	11
Alon	Active principle of aloes	Cathartic	1	0	0	0	0	0	1
Alum		Astringent	0	2	0	0	2	3	7
Aluminum sulphate		Antiseptic	0	0	0	0	1	0	1
Ammonium carbonate		Cardiac stimulant Irritant	0	0	0	1	0	0	1
Ammonium chloride	Muriate of ammonia	Stimulant Expectorant	0	1	0	0	0	0	1
Ammonium nitrate		Stimulant Irritant	0	0	0	3	0	0	3
Animal charcoal		Absorbent	1	0	0	0	0	0	1
Anise seed		Aromatic	22	20	7	0	0	2	51

Antimonius sulphide . . . . .	Black antimony . . . . .	Alterative . . . . .	0	5	10	0	1	2	18
Antimony and potassium tartrate . . . . .	Tartar emetic . . . . .	Emetic . . . . .	0	0	1	0	0	0	1
Areca nuts . . . . .	Betel nuts . . . . .	Anthelmintic . . . . .	4	7	2	0	0	0	13
Aromatic spirit of ammonia . . . . .		Aromatic stimulant . . . . .	0	0	0	2	0	0	2
Arsenic trioxide . . . . .	Arsenic White arsenic . . . . .	Poison Alterative tonic . . . . .	0	2	3	0	0	0	5
Asafetida . . . . .		Stomachic . . . . .	4	1	2	0	1	4	12
Ashes . . . . .		Antacid . . . . .	0	2	2	0	0	1	5
Aspidium . . . . .	Male fern . . . . .	Anthelmintic . . . . .	0	0	3	0	0	0	3
Balsam peru . . . . .		Expectorant . . . . .	0	0	0	0	1	0	1
Belladonna leaves . . . . .	Deadly nightshade . . . . .	Poison Anodyne Mydriatic . . . . .	0	1	0	0	0	0	1
Black pepper tailings . . . . .		Aromatic . . . . .	0	0	0	0	0	1	1
Bone ash . . . . .		Nutrient . . . . .	0	0	0	0	0	1	1
Bone meal . . . . .		Nutrient . . . . .	0	0	0	0	0	9	9
Boric acid . . . . .	Boracic acid . . . . .	Antiseptic . . . . .	0	0	0	0	3	0	3
Bryonia . . . . .	White bryony . . . . .	Irritant cathartic . . . . .	0	0	0	0	3	0	3
Buchu . . . . .	Buchu leaves . . . . .	Diuretic . . . . .	1	2	0	0	0	0	3
Buckwheat hulls . . . . .		Inert . . . . .	1	1	0	0	0	0	2
Calcium carbonate . . . . .	Limestone Chalk Marble . . . . .	Antacid . . . . .	0	0	0	0	1	8	9
Calcium oxide . . . . .	Lime . . . . .	Escharotic Antacid Tonic . . . . .	1	2	1	0	0	1	5
Camphor . . . . .	Gum camphor . . . . .	Cardiac stimulant Antispasmodic . . . . .	0	0	0	4	3	2	9

LIVESTOCK REMEDY LAW

TABLE I—CONTINUED

INGREDIENTS			Number of times used in						
English name	Common name or synonym	Properties	56 stock tonics	62 condition powders	37 worm remedies	21 colic remedies	24 roup remedies	48 poultry tonics	248 remedies discussed
Cantharides	Blistering flies Spanish flies	Poison Epispastic Genito-urinary irritant	0	0	0	0	0	3	3
Capsicum	Red pepper	Stimulant Aromatic	19	12	4	0	5	41	81
Capsicum tailings		Stimulant Aromatic	0	0	0	0	0	1	1
Caraway	Caraway seed	Aromatic	1	2	0	0	0	1	4
Cascara Sagrada	Sacred bark	Cathartic	3	2	1	0	0	1	7
Cassia	Cinnamon	Aromatic	0	0	0	0	1	0	1
Cereals	Wheat, corn, oats, etc.	Nutrient	3	1	0	0	0	2	6
Chalk		Antacid	0	0	0	0	1	1	2
Charcoal	Wood charcoal	Absorbent	37	42	22	0	2	28	131
Chenopodium	American worm seed	Anthelmintic	6	12	13	0	0	1	32
Chimaphila	Pipsissewa	Diuretic Tonic	1	0	0	0	0	0	1
Chinosol	Quimosol	Antiseptic	0	0	0	0	1	0	1
Chlo oform		Anæsthetic	0	0		6			6
Cinchona bark	Peruvian bark Source of quinine	Antipyretic Tonic		1	1	0	0	3	6
Cinchonidine sulphate		Febrifuge Tonic	0	0	0	0	1	0	1
Cloves		Aromatic		0	0	0	0	1	2

Cocca shells.....		Inert.....	2	1	0	0	0	1	4
Colocyath.....	Bitter apple.....	Cathartic.....	0	0	0	4	0	0	4
Columbo.....		Bitter tonic.....	2	1	0	0	0	3	6
Compound spirit of ether.....	Hoffman's anodyne.....	Anodyne.....	0	0	0	1	0	0	1
Copper sulphate.....	Blue vitriol..... Blue stone	Irritant Stimulant Astringent.....	1	0	1	0	5	0	7
Corn meal.....		Nutrient.....	3	1	1	0	0	7	12
Correander.....	Correander seed.....	Aromatic.....	4	3	0	0	0	0	7
Corrosive mercuric chloride.....	Bichloride of mercury..... Corrosive sublimate	Poison Corrosive Vesicant Disinfectant.....	0	0	0	0	1	0	1
Cottonseed feed.....		Nutrient.....	1	0	0	0	0	0	1
Cottonseed hulls.....		Nearly inert.....	1	1	0	0	0	1	3
Cottonseed meal.....		Nutrient.....	0	0	0	0	0	1	1
Cottonseed oil.....		Emollient Nutrient.....	0	0	2	0	0	0	2
Cresol.....		Germicide.....	0	0	0	1	0	0	1
Cresote.....		Antiseptic.....	0	0	0	0	1	0	1
Crysoo grit.....		Inert.....	0	0	0	0	0	1	1
Cubebs.....		Stimulant Diuretic.....	0	0	0	0	1	1	2
Curcuma.....	Turmeric.....	Aromatic Coloring.....	4	0	1	0	0	2	7
Dried blood.....		Nutrient.....	1	0	0	0	0	4	5
Echinaoea.....		Alterative.....	0	2	0	0	0	0	2
Elm.....	Slippery elm.....	Demulcent.....	3	1	1	0	0	1	6
Ether.....	Sulphuric ether.....	Anæsthetic.....	0	0	0	10	0	0	10

TABLE I--CONTINUED

INGREDIENTS			Number of times used in						
English name	Common name or synonym	Properties	56 stock tonics	62 condition powders	37 worm remedies	21 colic remedies	24 roup remedies	48 poultry tonics	248 remedies discussed
Eucalyptus		Stimulant Expectorant	0	1	0	0	0	0	1
Exsiccated alum	Dried alum Burnt alum	Astringent Styptic	0	0	0	0	1	0	1
Extract of Glycyrrhiza	Extract of licorice	Demulcent Adjuvant	0	0	0	0	1	0	1
Fennel	Fennel seed	Aromatic	1	3	2	0	0	0	6
Fenugreek	Fenugreek seed	Aromatic	34	39	4	0	1	11	89
Ferrous sulphate	Iron protosulphate Copperas Green vitriol	Tonic Astringent Antiseptic	39	42	25	14	9	34	163
Fluidextract of aconite		Poison Febrifuge	0 0	0 0	0 0	1 1	0 0	0 0	1 1
Fluidextract of aloes		Cathartic	0	0	0	1	0	0	1
Fluidextract of Belladonna root		Poison Anodyne Mydriatic	0	0	0	3	0	0	3
Fluidextract of Indian cannabis	Fluidextract of Indian hemp	Narcotic	0	0	0	6	0	0	6
Fluidextract of capsicum	Fluidextract of red pepper	Stimulant Aromatic	0	0	0	6	0	0	6
Fluidextract of echinacea		Alterative	0	0	0	1	0	0	1
Fluidextract of gentian		Tonic	2	0	0	0	0	0	2
Fluidextract of ginger		Stimulant Aromatic	0	0	0	3	0	0	3

Fluidextract of rhubarb		Laxative	0	0	0	1	0	0	1
Fluidextract of spigelia	Pink root	Anthelmintic	0	0	1	0	0	0	1
Fluidextract of stramonium	Jimson weed	Poison Anodyne	0	0	0	1	0	0	1
Flour		Nutrient	0	1	0	0	0	1	2
Gentian		Tonic	34	35	8	0	3	24	104
Germ meal		Nutrient	1	0	0	0	0	0	1
Ginger		Stimulant Aromatic	27	0	5	1	3	31	67
Glycerine		Emollient	0	0	1	0	0	0	1
Glyzyrrhiza	Licorice root	Demulcent Adjuvant Co. rective	11	11	3	0	0	3	28
Horse medley	Commer'l black antimony Coal and marble dust Coal dust	Inert	2	5	0	0	0	0	8
Hydrastis	Golden Seal	Bitter tonic Reduces inflammation of mucous membrane	0	0	0	0	0	3	3
Hydrated chloral		Soporific Irritant	0	0	0	2	0	0	2
Hydrochloric acid	Muriatic acid	Poison Refrigerant Acid	1	0	0	0	0	0	1
Hyosecyamus	Henbane	Anodyne Midriatic Soporific	0	1	0	0	0	0	1
Inula	Elecampane	Tonic Stimulant	8	2	2	0	0	1	13
Ipecac		Emetic	7	0	0	0	0	0	7
Iron oxide		Tonic Astringent	0	0	1	0	0	0	1

TABLE I—CONTINUED

INGREDIENTS			Number of times used in						
English name	Common name or synonym	Properties	56 stock tonics	62 condition powders	37 worm remedies	21 colic remedies	24 roup remedies	48 poultry tonics	248 remedied discussed
Iron subcarbonate.....		Tonic Astringent.....	0	0	0	0	0	2	2
Jalap.....		Cathartic.....	0	1	0	0	0	0	1
Juniper berries.....		Diuretic.....	6	2	0	0	0	1	9
Kamala.....		Anthelmintic.....	0	0	1	0	1	0	2
Kaolin.....	Fuller's earth China clay.....	Inert.....	0	0	0	0	1	0	1
Leplandria.....	Culver's root.....	Cathartic.....	0	1	0	0	0	0	1
Linseed.....	Flax seed.....	Demulcent.....	0	8	1	0	1	6	16
Linseed oil.....	Flax seed oil.....	Laxative.....	1	0	0	3	0	0	4
Lobelia.....	Lobelia seed.....	Emetic.....	1	1	0	0	0	0	2
Madder.....		Coloring.....	0	1	0	0	0	0	1
Magenta.....		Coloring.....	0	0	0	0	1	0	1
Magnesium carbonate.....		Antacid.....	0	0	0	0	1	0	1
Magnesium chloride.....		Purgative.....	2	0	0	0	0	0	2
Magnesium oxide.....	Magnesia..... Calcined magnesia.....	Antacid Laxative.....	1	0	0	0	0	1	2
Magnesium sulphate.....	Epsom salts.....	Cathartic.....	2	9	4	1	4	7	27
Middlings.....	Shorts.....	Nutrient.....	13	10	0	0	2	14	39
Mild mercurous chloride.....	Calomel.....	Cathartic Alterative.....	0	1	5	0	0	0	6



2—Insp. Cir. 17—4007

Molasses . . . . .		Nutrient . . . . .	1	0	0	0	0	0	1
Mustard . . . . .		Stomachic Counter irritant . . . . .	2	0	0	0	0	3	5
Mustard bran . . . . .		Stomachic . . . . .	1	1	0	0	0	0	2
Mustard tailings . . . . .		Stomachic . . . . .	0	0	0	0	0	1	1
Myrrh . . . . .		Stimulant tonic . . . . .	0	1	0	0	0	0	1
Naphthalene . . . . .	Naphthalin . . . . .	Antiseptic . . . . .	0	0	3	0	0	0	3
Neutral oil . . . . .		Emollient Mechanical laxative . . . . .	0	0	2	0	0	0	2
Nux vomica . . . . .	Dog buttons . . . . . Source of strychnine	Poison Tonic . . . . .	15	16	4	1	1	10	46
Oil cake . . . . .	Flax seed cake . . . . .	Nutrient . . . . .	2	0	0	0	0	0	2
Oil meal . . . . .	Flax seed cake ground . . . . .	Nutrient . . . . .	0	16	0	0	0	3	19
Oil of anise . . . . .		Aromatic . . . . .	2	0	0	1	0	1	4
Oil of camphor . . . . .		Antispasmodic Cardiac stimulant . . . . .	0	0	0	0	1	0	1
Oil of caraway . . . . .		Aromatic . . . . .	1	0	0	0	0	0	1
Oil of eucalyptus . . . . .		Stimulant expectorant . . . . .	0	0	0	1	0	0	1
Oil of fennel . . . . .		Aromatic . . . . .	1	0	0	0	0	0	1
Oil of lavender . . . . .		Aromatic . . . . .	0	0	0	1	0	0	1
Oil of lemon . . . . .		Aromatic . . . . .	0	0	0	1	0	0	1
Oil of myristica . . . . .	Oil of nutmeg . . . . .	Aromatic . . . . .	0	0	0	1	0	0	1
Oil of peppermint . . . . .		Stomachic Carminative . . . . .	0	0	0	2	0	0	2
Oil of rosemary . . . . .		Stomachic . . . . .	0	0	0	1	0	0	1
Oil of sassafras . . . . .		Aromatic . . . . .	1	0	0	0	1	0	2
Oil of spearmint . . . . .		Aromatic Carminative . . . . .	0	0	0	1	0	0	1

TABLE I—CONTINUED

INGREDIENTS			Number of times used in						
English name	Common name or synonym	Properties	56 stock tonics	62 condition powders	37 worm remedies	21 colic remedies	24 roup remedies	48 poultry tonics	248 remedies discussed
Oil of tar.....		Expectorant Diuretic.....	0	0	0	1	0	0	1
Oil of turpentine.....	Turpentine..... Spirits of turpentine	Expectorant Diuretic.....	2	1	2	3	1	0	9
Oleoresin of aspidium.....	Oleoresin of male fern....	Anthelmintic.....	0	0	1	0	0	0	1
Oleoresin ginger.....		Stimulant Aromatic.....	0	0	0	1	0	0	1
Oyster shell.....		Antacid.....	0	0	0	0	0	1	1
Palmo meal.....		Nutrient.....	0	2	1	0	0	2	5
Paraffin.....		Inert.....	0	0	0	0	1	0	1
Paraffin oil.....		Emollient.....	1	0	0	0	0	0	1
Peanut hulls.....		Inert.....	2	0	0	0	0	1	3
Pearl ash.....	Impure carbonate of potassium.....	Antacid Diuretic Antilithis.....	0	1	0	0	0	0	1
Peat.....		Inert.....	3	0	0	0	0	0	3
Pepo.....	Pumpkin seed.....	Taenicide.....	2	0	0	0	0	0	2
Peppermint.....		Stomachic Carminative.....	0	0	0	0	1	0	1
Pepper tailings.....		Carminative stimulant...	0	0	0	0	0	1	1
Phenol.....	Carbolic acid.....	Poison Disinfectant.....	1	0	0	1	1	1	4

Phytolacca.....	Poke root.....	Emetic Purgative Narcotic.....	0	7	0	0	0	1	8
Pimenta.....	Allspice.....	Aromatic.....	0	0	0	0	0	1	1
Podophyllum.....	Mandrake.....	Cathartic.....	2	3	2	0	1	3	11
Poplar bark.....		Tonic.....	0	4	1	0	0	0	5
Potassium bichromate.....		Poison Irritant caustic.....	1	0	0	0	0	1	2
Potassium bitartrate.....	Cream of tartar.....	Mild cathartic Diuretic Aperient.....	0	4	0	0	0	2	6
Potassium carbonate.....	Salts of tartar.....	Antacid Diuretic Antilithic.....	2	0	0	0	0	0	2
Potassium nitrate.....	Salt peter.....	Diuretic Diaphoretic.....	14	23	2	0	2	9	50
Potassium permanganate.....		Disinfectant.....	1	0	0	0	14	2	17
Potassium tartrate.....		Mild purgative.....	1	0	0	0	0	0	1
Powdered extract of kamala.....		Anthelmintic.....	0	0	1	0	0	0	1
Powdered extract of nux vomica.....		Poison Tonic.....	0	0	0	0	0	1	1
Precipitated calcium phosphate.....		Astringent Nutrient.....	2	0	0	0	0	2	4
Quassia.....		Bitter tonic.....	17	13	8	0	0	9	47
Red Saunders.....		Coloring.....	0	0	0	1	0	0	1
Reduced iron.....		Tonic.....	0	1	0	0	0	0	1
Rhubarb.....		Cathartic Astringent.....	1	2	0	0	2	1	6
Rosin.....	Rosin.....	Diuretic.....	3	11	0	0	0	0	14
Rosin weed.....		Inert.....	1	0	0	0	0	0	1

TABLE I—CONTINUED

INGREDIENTS			Number of times used in						
English name	Common name or synonym	Properties	56 stock tonics	62 condition powders	37 worm remedies	21 colic remedies	24 roup remedies	48 poultry tonics	248 remedies discussed
Rubus	Blackberry	Astringent	0	0	0	0	0	1	1
Rumex	Yellow dock	Tonic Astringent	0	1	0	0	0	0	1
Rye Shorts		Nutrient	1	0	0	0	0	0	1
Saint John's bread	Locust beans	Nutrient	1	2	2	0	0	0	5
Sanguinaria	Blood root	Acrid emetic	3	14	0	0	1	4	22
Santonica	Levant wormseed Source of santonin	Anthelmintic	3	2	3	0	0	0	8
Sassafras	Sassafras bark	Aromatic	7	1	2	0	0	5	15
Screenings	Refuse material obtained by sifting or screening	Questionable nutrient	6	3	3	0	0	3	15
Senna		Cathartic	0	2	1	0	0	1	4
Shell		Antacid	0	0	0	0	0	13	13
Slacked lime		Escharotic Antacid Tonic Astringent	0	0	0	0	0	2	2
Soap (Castile)		Detergent Emulsifier	0	0	0	1	0	0	1
Soda ash	Impure sodium carbonate	Antacid Corrosive	0	2	0	0	0	1	3
Sodium arsenate		Poison Alterative	1	0	0	0	0	0	1

Sodium arsenite		Poison Alterative	1	0	0	0	0	0	
Sodium bicarbonate	Common baking soda	Antacid	24	27	16	0	2	16	85
Sodium borate	Borax	Feeble antiseptic	0	0	0	0	1	0	1
Sodium carbonate	Sal soda Washing soda	Antacid	1	5	0	0	0	1	7
Sodium chloride	Common salt	Preservative Anthelmintic Nutrient	43	30	19	0	1	18	101
Sodium nitrate	Chile saltpeter	Preservative	0	3	0	0	1	0	4
Sodium phosphate		Mild purgative	2	0	0	0	0	0	2
Sodium salicylate		Antirheumatic	0	0	0	0	2	0	2
Sodium sulphate	Glauber's salt	Cathartic	23	28	15	1	1	31	99
Sodium phenolsulphonate	Sodium sulphocarbolate	Antiseptic	0	1	0	0	0	0	1
Sodium thiosulphate	Ordinary "hypo" Hyposulphite of soda	Alterative Tonic Fungicide	4	8	4	2	1	3	22
Spanish Brown		Inert Color	0	1	0	0	0	0	1
Spigelia	Pink root	Anthelmintic	0	0	1	0	0	0	1
Spirit of camphor		Antispasmodic	0	0	0	2	0	0	2
Spirit of nitrous ether	Sweet spirit of niter	Diaphoretic Diuretic Antispasmodic	0	0	0	3	0	0	3
Spirit of peppermint		Stomachic Carminative	0	0	0	4	0	0	4
Starch	Corn starch	Nutrient	6	0	1	0	0	1	8
Sugar		Nutrient	0	2	0	0	0	0	2
Sulphur		Alterative	32	52	10	0	1	0	95
Sulphuric acid	Oil of vi riol	Poison Corrosive acid	1	0	0	0	1	0	2

TABLE I—CONCLUDED •

INGREDIENTS			Number of times used in						
English name	Common name or synonym	Properties	56 stock tonics	62 con- dition powders	37 worm reme- dies	21 colic reme- dies	24 roup reme- dies	48 poultry tonics	248 remedies discussed
Syrup . . . . .		Nutrient . . . . .	1	0	0	0	0	0	1
Talcum . . . . .		Inert . . . . .	1	0	0	0	2	1	4
Tankage . . . . .		Nutrient . . . . .	0	0	0	0	0	1	1
Tansy . . . . .		Abortifacient Narcotic Irritant . . . . .	0	0	1	0	0	0	1
Tartaric acid . . . . .		Refrigerant Acid . . . . .	0	0	0	0	1	0	1
Tincture of aconite . . . . .		Poison Febrifuge . . . . .	0	0	0	2	0	0	2
Tincture of asafetida . . . . .		Carminative . . . . .	0	0	0	2	0	0	2
Tincture of capsicum . . . . .		Stimulant Aromatic . . . . .	0	0	0	5	0	0	5
Tincture of ginger . . . . .		Stimulant Aromatic . . . . .	0	0	0	3	0	0	3
Tincture of hyoscyanus . . . . .		Anodyne Hypnotic . . . . .	0	0	0	1	0	0	1
Tincture of lobelia . . . . .		Emetic . . . . .	0	0	0	1	0	0	1
Tincture of nux vomica . . . . .		Poison Tonic . . . . .	0	0	0	1	0	0	1
Tincture of opium . . . . .	Laudanum . . . . .	Poison Stimulant Narcotic Soporific . . . . .	0	0	0	6	0	0	6

Tincture of permanganate.....		Astringent.....	0	0	0	0	1	0	1
Tincture of peroxide.....		Antiseptic.....	0	0	0	0	1	0	1
Tobacco.....		Poison							
		Insecticide							
		Sedative							
		Anthelmintic.....	6	2	6	0	0	0	14
Valerian.....		Nervine.....	0	1	0	0	0	0	1
Vaseline.....		Emollient.....	0	0	0	0	1	0	1
Vegetable hog ash.....		(?).....	0	1	0	0	0	0	1
Venetian red.....		Inert color.....	0	3	0	0	1	21	25
Viburnum Prunifolium.....	Black haw bark.....	Nervine							
		Antispasmodic							
		Diuretic							
		Tonic.....	1	0	0	0	0	0	1
Water.....		Inert.....	2	0	0	3	3	2	10
White pine bark.....		Expectorant.....	0	0	0	0	1	0	1
Whiting.....		Antacid.....	0	0	0	0	0	1	1

**STOCK TONICS**

It may be noted that of the 98 ingredients used in the 56 registered stock tonics the following are most frequently used

Anise	Nux Vomica
Capsicum	Potassium Nitrate (Saltpeter)
Charcoal	Quassia
Fenugreek	Soda Bicarbonate (Baking Soda)
Gentian	Sodium Chloride (Salt)
Ginger	Sodium Sulphate (Glauber Salt)
Iron Sulphate (Copperas)	Sulphur
Middlings	

This might lead to the supposition that these 15 ingredients are all of considerable value as tonics but only the following 11 have a recognized reputation as such

Cinchona Bark	Iron Sulphate
Columbo	Nux Vomica
Elecampane	Quassia
Fluidextract of Gentian	Sodium Arsenate
Gentian	Sodium Arsenite
Iron Oxide	

Charcoal is of value in indigestion, intestinal gas, and as an absorbent. Bicarbonate of soda is of value in acidity of the stomach, intestinal gas, etc. Capsicum, ginger, anise, and fenugreek are of use in cases of intestinal gas, or colic, and in disguising other ingredients by their taste and odor. The use of fenugreek, in particular, is very prevalent. Just why it is so universally used in stock remedies is hard to explain as it does not appear to have any remedial value to speak of and the only apparent reason for its use is to make a remedy smell like a stock remedy. One authority, however, reports a case where it was used as an appetizer and was apparently relished by a group of colts.

Salt not only has some remedial value but is a necessity to stock as it is an important constituent of the blood. It is partially decomposed in the stomach forming the hydrochloric acid so necessary to digestion. Salt is also greatly relished by stock, therefore, its use in so many remedies is easily understood. But when an excessive amount of salt is used in a remedy, and its presence disguised by such drugs as charcoal, fenugreek, gentian, etc., it must be regarded as a filler.

Sodium sulphate, or Glauber salts, is a valuable purgative in sufficient dosage. In small doses it is a laxative. Potassium nitrate has a decided action on the kidneys, increasing their action. Sulphur



as a remedy is probably much over estimated as it is not a very active remedial agent, and what action it does have is somewhat obscure If given in large doses it passes through the system unchanged, therefore, when it is present in a remedy in excessive amount it can be regarded only as a filler Middlings, or shorts, in a remedy can be regarded only as a filler, although it has a nutritive value

Horse medley, often used as a substitute for black antimony in stock remedies, has been found by analysis to consist in some cases of coal dust and in others of coal and marble dust mixed Not even a trace of antimony was found Needless to say it has no remedial value

**CONDITION POWDERS**

Of the 86 ingredients used in the 62 condition powders, it may be noted that the following 21 are frequently used

Anise	Nux Vomica
Capsicum (Red Pepper)	Oilmeal
Charcoal	Potassium Nitrate (Saltpeter)
Chenopodium (Amei Wormseed)	Quassia
Fenugreek	Rosin
Gentian	Sanguinaria (Blood Root)
Iron Sulphate (Copperas)	Sodium Bicarbonate (Baking Soda)
Glycyrrhiza (Licorice Root)	Sodium Chloride (Salt)
Magnesium Sulphate (Epsom Salts)	Sodium Sulphate (Glauber Salts)
Middlings (Shorts)	Sulphur

The properties of anise, capsicum, charcoal, fenugreek, gentian, iron sulphate, middlings or shorts, nux vomica, potassium nitrate, quassia, sodium bicarbonate, sodium chloride, sodium sulphate, and sulphur have been explained in more or less detail under stock tonics

Chenopodium is an anthelmintic (See worm remedies ) Licorice root is popularly supposed to be of some use in bronchial and lung troubles and is also used a great deal to disguise the taste of other drugs Magnesium sulphate or Epsom salts is a valuable cathartic Rosin, when administered internally, has very little effect and its value is probably overestimated Sanguinaria, or blood root, is an emetic in ordinary dose, but is very seldom employed, its use being obsolete Oilmeal is a filler

**WORM REMEDIES**

It is worthy of note that of the 60 ingredients used in the 37 registered worm remedies only the following 19 have a recognized reputation as anthelmintics, i. e., as drugs which kill or expel worms

Antimony and Potassium Tartrate (Tartar Emetic)	Kamala
Areca nuts	Naphthalin
Aspidium (Male Fern)	Oleoresin (Male Fern)
Arsenic	Powdered Extract of Kamala
Chenopodium (American Wormseed)	Quassia
Copper Sulphate (Blue Vitriol)	Spigelia (Pink Root)
Fluidextract of Pink Root	Santonica (Levant Wormseed)
Iron Sulphate (Copperas)	Santonin
	Turpentine

Other ingredients useful as cathartics in expelling the worms which the anthelmintics have killed are

Aloes	Flax Seed (Linseed)
Calomel	Magnesium Sulphate (Epsom Salts)
Cascara Sagrada	Podophyllum (Mandrake or Mayapple)
Cottonseed Oil	

**COLIC REMEDIES**

It may be noted that the following ingredients are frequently used in the 21 colic remedies registered

Ammonia water	Fluidextract of Ginger
Camphor	Spirit of Peppermint
Chloroform	Tincture of Capsicum
Ether	Tincture of Ginger
Fluidextract Belladonna	Tincture of Opium
Fluidextract Cannabis Indica	Turpentine
Fluidextract Capsicum	

These are all valuable remedial agents and the use of one or more of them is indicated in some form of colic. However, on account of the fact that there are various forms of colic, caused by a wide variety of conditions, it is a hard matter to compound a single remedy that will relieve the trouble in all cases

**ROUP REMEDIES**

The following 12 ingredients are each frequently used in the 23 roup remedies registered

Aconite	Gentian Root
Boric Acid	Ginger Root
Bryonia	Iron Sulphate
Camphor	Magnesium Sulphate
Capsicum	Potassium Permanganate
Copper Sulphate	Water

Aconite is a valuable remedy in fevers and probably has a tendency to allay the feverish condition of the head in cases of roup

Boric acid is an antiseptic and may be of value in controlling or preventing the development of disease Camphor is of value in intestinal disorders, certain forms of diarrhoea, etc Capsicum or red pepper, is more or less of a stimulant to fowls and may be of value when stimulation is indicated

Iron sulphate or copperas is of value as a tonic, and may be of additional value to poultry when administered in the drinking water on account of its antiseptic or purifying action

Ginger is something like capsicum in its action and may be of value as a stimulant

Magnesium sulphate, or Epsom salts, a cathartic, appears to be particularly valuable to poultry by regulating the bowels

Potassium permanganate, which is used in more roup remedies than any other drug, owes its popularity largely to the fact that it purifies the drinking water in which it is given It may exert some small oxidizing or disinfectant action after being swallowed but this effect is doubtless soon exhausted by its action on the contents of the crop and intestines

**POULTRY TONICS**

The following 18 ingredients are each frequently used in the 48 poultry tonics registered

- |                   |                    |
|-------------------|--------------------|
| Bone Meal         | Magnesium Sulphate |
| Calcium Carbonate | Middlings          |
| Capsicum          | Nux Vomica         |
| Charcoal          | Quassia            |
| Corn Meal         | Shell              |
| Gentian           | Soda Bicarbonate   |
| Ginger            | Sodium Chloride    |
| Iron Oxide        | Sodium Sulphate    |
| Iron Sulphate     | Venetian Red       |

But of these only the following are of value as tonics

- |               |              |
|---------------|--------------|
| Gentian       | Nux Vomica   |
| Iron Oxide    | Quassia      |
| Iron Sulphate | Venetian Red |

Capsicum or ginger is used in almost all poultry remedies Just why is not clear as they are neither of much actual remedial value, possibly it is their stimulant action which is thought to be of benefit Whether this artificial stimulation, particularly if long continued, is really beneficial or detrimental in the long run, is a question

Bone meal, calcium carbonate, and shell (a form of calcium car-

bonate) may supply fowls with calcium for the bones and egg shells. The calcium carbonate and shell may also act as an antacid, that is, correct acidity, or sourness.

Charcoal is very often used in poultry remedies and is probably of use as an absorbent and possibly as a food, being partially digested.

Corn meal and middlings, or shorts, have a food or nutritive value only.

Magnesium sulphate, or Epsom salts, is, as before stated, a valuable cathartic and appears to be particularly valuable for poultry.

Sodium sulphate, or Glauber's salts, is also a valuable cathartic but does not appear to be as well suited to poultry as magnesium sulphate, or Epsom salts.

Sodium bicarbonate (ordinary baking soda) is, like calcium carbonate, an antacid.

Sodium chloride, or common salt, has some antiseptic action, but on the other hand when given to poultry in excess it appears to act as a poison. It should, therefore, be administered to poultry with care.

---

#### EXPLANATION OF TERMS USED IN TABLE I

**Absorbents** Drugs used to produce absorption of exudates or diseased tissues.

**Acids:** Sour substances. Chemical substances that will combine with alkalis, oxides, etc., to form new compounds.

**Adhesives:** Having the quality of being sticky.

**Adjuvant.** Any substance designed to assist the principal.

**Alteratives:** Medicines used to so modify nutrition as to overcome morbid processes.

**Anæsthetics.** Medicines used to produce anæsthesia or unconsciousness.

**Anodynes:** Medicine used to allay pain.

**Antacids:** Medicines used to neutralize acid in the stomach and intestines.

**Anthelmintics** Medicines used to destroy or expel intestinal worms.

**Antilithics:** Medicines used for the relief of affections due to the formation of stone in some part of the body.

**Antipyretics.** Medicines used for the reduction of bodily temperature in fever.

**Antirheumatics:** Drugs used in the treatment of rheumatism and related diseases.

**Antiseptics:** Substances which have the power of preventing putrefaction.

- Antispasmodics**· Medicines used for the relief of nervous irritability and minor spasms
- Aperients**· Mild purgatives
- Aromatics**· Medicines characterized by a fragrant or spicy taste and odor, and which are stimulant to the gastro-intestinal mucous membrane
- Astringents**· Medicines having power of influencing vital contractility, thereby condensing or contracting tissues
- Cardiac Stimulants**· Medicines used to increase the heart's action
- Carminatives**· Medicines containing a volatile oil used to excite intestinal peristalsis and provoke an expulsion of flatus or gas
- Cathartics**· Purgatives
- Caustics**· Medicines used to destroy living tissues
- Coloring**· A substance used for changing the color of a mixture
- Correctives**· Medicines used to correct or render more pleasant the action of other remedies, especially purgatives
- Corrosives**· Materials which destroy tissue
- Counter-irritants**· Remedies which by setting up irritation in one part of the body relieve irritation in another part
- Demulcents**· Mucilaginous principles which are used in solution to soothe and protect irritated mucous membranes or other tissues
- Detergents**· Medicines which cleanse wounds, ulcers etc
- Diaphoretics**· Medicines which produce sweating
- Disinfectants**· Substances which have the power of destroying disease-germs or the noxious properties of decaying organic matter
- Diuretics**· Medicines which increase the secretion of urine
- Emetics**· Medicines which cause vomiting
- Emollients**· Substances used to mechanically soften and protect tissues
- Epispastics**· Substances which cause blisters
- Escharotics**· Caustics
- Expectorants**· Medicines which act upon the pulmonic mucous membrane and increase or alter its secretions
- Febrifuges**· Medicines which dissipate fever
- Fungicide**· A substance that will prevent and destroy fungus
- Genito Urinary Irritants**· Substances which irritate the reproductive and urinary apparatus
- Germicides**· Substances used for killing germs and disinfecting
- Inert**· Without active medicinal properties
- Insecticides**· Substances used for exterminating insects

- Irritants:** Mechanical, chemical or medicinal agents that cause irritation
- Laxatives:** Mild purgatives
- Mechanical Laxative:** An oily laxative that acts by lubrication
- Mydriatics:** Medicines which cause mydriasis, or dilatation of the pupil of the eye
- Narcotics:** Powerful anodyne hypnotics
- Nervines:** Medicines acting on the nerves
- Nutrients:** Substances which nourish, build up the body, or repair waste
- Poisons:** Substances, which when taken into the body, act in a noxious or harmful manner on the vital properties, or texture, of the organs
- Preservatives:** Substances used to prevent the decomposition of perishable matter
- Purgatives.** Medicines which produce copious discharges from the bowels
- Refrigerants:** Medicines which lessen the bodily temperature
- Sedatives.** Medicines which lower functional activity or have a quieting effect.
- Soporifics:** Medicines which cause sleep
- Stimulants.** Medicines which increase functional activity or have an exciting effect
- Stomachics:** Stimulants to the stomach
- Styptics:** Remedies which stop bleeding
- Tæmicides** Medicines which kill the tapeworm
- Tonics.** Medicines which permanently increase the systemic tone by stimulating nutrition
- Vermicides** Medicines which kill intestinal worms
- Vesicatories:** Blisters

TABLE II—LIVESTOCK REMEDIES REGISTERED IN KANSAS UP TO JULY 1, 1922

(List arranged alphabetically by name of remedy)

NAME OF REMEDY WITH NAME AND ADDRESS OF MANUFACTURER	INGREDIENTS (This column shows the ingredients as they should be shown on the label according to the application filed)
ALCORN'S CHICKEN CHOLERA POWDER J H Brown & Co Atchison, Kan	Po ginger, po cayenne, red oxide of iron, chloride of sodium 10%, sulphuret of antimony 20%, po fenugreek
ABBOTT'S CHICKEN CHOLERA REMEDY Abbott Alkaloidal Company Chicago, Ill	Zinc sulphocarbolate, calcium sulphocarbolate, sodium sulphocarbolate, starch, sugar, talc, oil, coloring matter, copper sulphocarbolate 3.6%
ACME STOCK SALT Acme Stock Salt Company New York City	Sodium chloride 40%, sulphur, charcoal 12%, copperas, quassia, magnesia sulphate, fenugreek seed
ALAX (Hog Compound) Council Bluffs Remedy Company Council Bluffs, Iowa	Glauber's salts, commercial flour, sulphur, po copperas, bicarbonate of soda, fenugreek, charcoal 7.24%, copra meal 6.4%, po lime stone 2.54%, humus 4%
AMERICAN HORSE TONIC The Dairy Association Company Lyndonville, Vt	33 1-3% poplar bark, pipsisewa, elecampane, lobelia, gentian, anise, potassium nitrate, bicarbonate soda
AMERICAN LIVESTOCK POWDERS American Livestock Powder Company Shenandoah, Iowa	Charcoal, sulphur, bicarbonate soda, Glauber salts, vegetable hog ash
ANTHELMINTIC TONIC, SWINE American Veterinary Supply Company 1529 Walnut St Kansas City, Mo	Sodium sulphate, iron sulphate, nux vomica, po 1%, areca nut po 3%, po quassia, copper sulphate 3%, ginger po, c arcoal 10%, starch 25%, sodium chloride 27%
ANTI-SECRET Antisecrete Manufacturing Company Sabetha, Kan	Chloride of sodium 18.4%, flax meal, indican
A-MC POULTRY TONIC Atkinson-McCarty Laboratories St Paul, Kan	Epsom salts, Glauber salts, copperas, tr capsicum, acid sulfuric com 1%, imitation oil sassafras, water about 68%
A-MC POULTRY POWDERS	Po capsicum, po copperas, po ginger, po gentian, po charcoal 35%, sulfur 30%
A-MC STOCK TONIC POWDERS	Middlings 35%, charcoal, salt, capsicum, sulfur, gentian, nux vomica 5%
A-MC VITAMINE TONIC	Yeast, soda bicarbonate, salt, Epsom salts, Glauber salts, copperas, quassia
AVALON FARMS COW TONIC Avalon Farms Company Chicago, Ill	Desiccated Glauber salts fine bicarb soda, calcium phosphate, po nux vomica 6%, po quassia, po juniper berries, red oxide of iron, po African ginger, po capsicum, po cloves, po turmeric, sodium chloride, yellow paraffine oil, ground peanut hulls 32%
AVALON FARMS DISTEMPER AND COLD COMPOUND	Ammonium chloride, glycerine, sol ferric chloride (U S P) fid ext stramonium leaves (N F), water 66.64%
AVALON FARMS EGG TONIC	Calcium phosphate, animal charcoal, Glauber salts, flowers of sulphur, red iron oxide, po nux vomica 5%, grd capsicum, grd turmeric, grd juniper berries, sodium chloride, grd peanut hulls 40%
AVALON FARMS HORSE PHYSIC BOLLS	Alom, calomel 8%, capsicum, nux vomica 5.5%, corn starch 28%, glucose 20%, glycerine, coloring matter
AVALON FARMS HOG TONE	Oil sassafras, sulfuric acid 65° 2.05%, iron sulphate gran, red iron oxide, molasses, water 85.70%

TABLE II—CONTINUED

NAME OF REMEDY WITH NAME AND ADDRESS OF MANUFACTURER	INGREDIENTS (This column shows the ingredients as they should be shown on the label according to the application filed)
AVALON FARMS HORSE TONE	1% sodium arsenite sol 96 75%, fld ext of gentian
AVALON FARMS POULTRY TABLETS	Zinc phenolsulphonate, calcium phenolsulphonate sodium phenolsulphonate, copper phenolsulphonate 3 3/8% whiting 16 3/8%, starch 10%, chrome yellow paraffine oil, trace glucose
AVALON FARMS SCOUR COMPOUND	Borax, formalin, malt extract 20%, kiesel 15%, molasses 45%, water
AVALON FARMS SOW-TONE	Calcium phosphate, animal charcoal 5%, Glauber salts, flowers of sulphur, grd nux vomica 5%, grd fenugreek seed, grd juniper berries, sodium chloride 6%, ground peanut hulls 40%
AVALON SPECIAL HOG PHYSIC BOLUS	Calomel, aloin, po sugar 13 3/8%, terra alba 53 1/2%, trace each of talcum, burnt amber, and glucose
BAKER'S CONDITION POWDER S F Baker & Co Keokuk, Iowa	Bicarbonate of soda, sulphur, sulphate of iron, nux vomica 1 14%, gentian root, sodium nitrate, fenugreek seed, common salt, alfalfa flour 65%
B & M CHICKEN POWDER B & M Stock Remedy Company 427-8 Higley Bldg Cedar Rapids Iowa	Hypo soda, sulphur, Glauber salts copperas oil meal 55%, tankage, red pepper po white oak bark
B & M HOG POWDER	Tankage, oil meal 30%, copperas, black antimony 4%, caustic soda, American worm seed, salt, Dutch madder, Glauber salts, hypo soda, sulphur hydrocarbons 28%, and asafoetida
B & M WORM CAPSULES No 1	Santonin 60% Glauber salts sodium bicarbonate worm seed
BARBER'S HOG POWDER Barber Medicine Company Kansas City, Mo	American worm seed, Levant worm seed 1/2%, poke root, blood root, sodium hyposulphite, sulfate of soda (Glauber salts), bicarbonate soda, sodium chloride (salt), sulfur, sulfate iron oil meal, iron seed, charcoal, fenugreek
BARNETT HOG & STOCK REMEDY for Hogs and Cattle, for Chickens Bernard Brothers Holton, Kan	Sulphate of iron, sodium carbonate sodium sulphate hydrate of lime corn meal 3 12%, poke root, mandrake root, black antimony 0 0637%, wood ashes venetian red, sulphur
BEAUCHAMP'S DISTEMPER REMEDY The Beauchamp Mfg Company Holton, Kan	Fld ext aconite 2%, fld ext Bryonia fld ext belladonna 4%, antipyrine, dilute alcohol
BEE DEE STOCK AND POULTRY MEDICINE Bee Dee Stock Medicine Company Chattanooga, Tenn	Senna, uva ursi, guaiac, mandrake, rosemary, fenugreek, rosin, sulphur, salt
BLACK DIAMOND WORM POWDERS H E Conroy Kansas City, Kan	Areca nut 55 7%, calomel 1 1%, sodium bicarbonate American wormseed
BLACK DIAMOND REGULATOR	Charcoal, sal soda, Glauber salts, copperas, sulphur salt
BLACK HEAD REMEDY Stock Yards Veterinary Lab 545 Delaware St Kansas City, Mo	Sodium sulphocarbonate, calcium sulphocarbonate zinc sulphocarbonate
BLACKMAN'S MEDICATED SALT BRICK The Blackman Stock Remedy Co Chattanooga, Tenn	Dairy salt 95 1/2%, nux vomica 1/2%, saltpeter (com) copperas, sulphur



TABLE II—CONTINUED

NAME OF REMEDY WITH NAME AND ADDRESS OF MANUFACTURER	INGREDIENTS (This column shows the ingredients as they should be shown on the label according to the application filed)
BLOOD GRIT Stock Yards Veterinary Lab 545 Delaware St Kansas City, Mo	Digester tankage 70%, ginger, copperas, whiting 8%, fine sand 7%
BLOOD PILLS Dent Medicine Company Newburgh, N Y	Homeopathic milk sugar, calc carbo, carbo veg, graphites
BON-I-TONE Midwest Grocery Company Kansas City, Mo	Po blackberry root, bicarbonate soda, ginger, po magnesia, cayenne pepper, golden seal, po charcoal, corn meal 40%, Loews Mineral 40%
BOVINE PURGATIVE COMPOUND American Veterinary Supply Company Kansas City, Mo	Epsom salts, po capsicum, gamboge, ginger, phenolphthalein, anise
BOVOLAX John T. Milliken & Co 217 Cedar St St Louis, Mo	Sodium sulphate, magnesium sulphate, iron sulphate, po quassia, po nux vomica 5%, po capsicum, starch
BREEDING TONIC Dr David Roberts Vet Co Waukesha, Wis	Epsom salts, corn meal 28%, corn starch 21%, po black haw, carbolic acid 1 4%
BROADWAY HOG POWDER Faxon & Gallagher Drug Company Kansas City, Mo	Copperas, po sal glauber, q1 sal soda, salt, sulfur flowers, po charcoal
BROWN'S CONDITION POWDER Brown's Drug Store Osage City, Kan	Fenugreek seed, po potassium nitrate (saltpeter), sulphur, horse medley 48%, ginger, potassium bitartrate (cream tartar), po alum, po rosin, bicarbonate soda, grd oil cake 48 7%
CALF CHOLERA REMEDY Dr David Roberts Vet Co Waukesha, Wis	Bismuth subnitrate, salol, licorice, anise, ginger, chalk 20%, starch 8%
CAREY'S SALT TONIC BRICK Carey Salt Company Hutchinson, Kan	Sulphur, carbonized peat charcoal, iron sulphate quassia gentian root, bicarbonate of soda, dairy salt 94 5%
C B R (Hog Compound) Council Bluffs Remedy Company Council Bluffs, Iowa	Glauber's salts, commercial flour, sulphur, quassia, po copperas, ginger fenugreek, copra meal 3 1%, po American worm seed, po areca nut 1%, po lime stone 2 54%, charcoal 7 24%, bicarbonate of soda, po locust bean, ginseng, humus 3 9%
C-D-C REMEDY Stock Yards Veterinary Lab 545 Delaware St Kansas City, Mo	Soda bicarbonate gentian root, white oak bark ginger root, charcoal
CHAR-MED-SAL The Blackman Stock Remedy Company Chattanooga, Tenn	Sulphur, saltpeter, nux vomica, sulphate of iron, copperas, charcoal, dairy salt 90 1/2%
CHICK-A-TONE Missouri Grocery Company 1511 Walnut St Kansas City, Mo	Corn meal 62%, red pepper, venetian red 12 42% bicarbonate soda, charcoal, gentian, subcarbonate of iron, Jamaica ginger, sulphur, golden seal
CHICK-RIGHT TO POULTRY TONIC Rutenber Manufacturing Company Kansas City, Mo	Water 92 77%, copperas, sulfuric acid (commercial) 4 12%, oil of sassafras, acid crimson coloring
CHICK SAVER D M Travis Bluemound, Kan	Bichloride mercury 5 1%, sodium bicarbonate, potassium permanganate calcium carbonate 87 2%

TABLE II—CONTINUED

NAME OF REMEDY WITH NAME AND ADDRESS OF MANUFACTURER	INGREDIENTS (This column shows the ingredients as they should be shown on the label according to the application filed)
CHICKENA Menke & Co Kansas City, Mo	Indian corn meal 40%, venetian red, bicarbonate soda, po ginger, golden seal, po blackberry root, red pepper, Mexican chili powder, charcoal, sulphur
CHICKEN CHOLERA & ROUF REMEDY Jennings Drug Company Clay Center, Kan	Gentian, sublimed sulphur, copperas, ginger, saigon cinnamon, capsicum, asafoetida, prepared chalk, charcoal, rhubarb, phenol (carbolic acid), camphor
CHICTONE C W Daugherty Manufacturing Company, Kansas City, Mo	Sulphuric acid 0¾%, oil sassafras, iron sulphate, water 95%
CHOLERA-PUT-US-ON-THE-HOG Joe Heavenridge Canon City, Colo	Crude petroleum from particular well, spirits of turpentine, pine tar, carbolic acid, charcoal
CHOLERA REMEDY Dent Medicine Company Newburgh, N Y	Tincture of nux vomica 25%, Fowler's solution of Arsenic 50%, alcohol 25%
CHOLBRINE (For Fowls)—Liquid	Sulphuric acid not over 1¼%, artificial oil sassafras, oleoresin capsicum, magnesium sulphate, sodium sulphate, iron sulphate, iron oxide (coloring), water 85%
CHOLBRINE (For Fowls)—Tablets	Sulphuric acid not over 0.45%, oleoresin capsicum, artificial oil sassafras, sodium sulphate, iron sulphate, iron oxide coloring, po acacia (binder), talcum (filler) 18%
CLARK'S HOG CHOLERA REMEDY E M & F M Clark Topeka, Kan	Antimony sulphide (black antimony) 15%, sanguinaria (blood root), ferrus sulphate (copperas), fenugreek, sulphur 25%, capsicum (Cayenne), oil meal 55%, shorts 11 25%
CLARK'S CHICKEN CHOLERA REMEDY	Antimony sulphide (black antimony), 7-8 of 1%, sanguinaria (blood root), capsicum, cayenne, fenugreek, ferrous sulphate (copperas) corn meal 70%, sulphur 21%
CLARK'S CONDITION POWDER for Stock	Antimony sulphide (black antimony) 1 25%, sanguinaria (blood root), fenugreek, sulphur 10%, shorts 36 25%, oil meal 30%, sugar 20%
CLOVER BRAND POULTRY TONIC Clover Brand Manufacturing Company Minneapolis, Minn	Gentian, capsicum, ginger, charcoal, copperas, anise, bone meal, alfalfa meal 40%, crushed shells 40%
CLOVER BRAND STOCK TONIC	Gentian, capsicum, sulphur, ginger, fenugreek, charcoal, sassafras, sodium chloride 15%, pulverulent resinous tree bark 61%
CLOVER BRAND WORM POWDER	Worm seed, poke root, sulphur, Glauber salt, copperas, anise, charcoal, pine bark 50%
COLIC REMEDY American Veterinary Supply Company Kansas City, Mo	Calabar bean 6%, nux vomica 6%, oil of turpentine, rect, sodium thiosulphate, strychnine 075%
COLUMBIAN CATTLE-TONE Columbian Hog & Cattle Powder Company Kansas City, Mo	Sodium bicarbonate, sodium hyposulphite, sodium chloride 25%, iron sulphate, sulphur, carbolign (wood charcoal), quassia, ginger, anise, flaxseed meal 30%, calcium carbonate 10%
COLUMBIAN SHEEP POWDERS	Sodium bicarbonate, sodium hyposulphite, sodium sulphate cake, sodium chloride 40%, carbolign (wood charcoal), po tobacco, iron sulphate, quassia
COLUMBIAN STOCK POWDERS	Sodium hyposulphite, sodium bicarbonate, sodium nitrate, sodium sulphate, iron sulphate, copper sulphate 4%, flowers sulphur commercial, carbolign (wood charcoal) 9%, chenopodium (American worm seed) quassia, acid calcium phosphate, calcium carbonate 12%

TABLE II—CONTINUED

NAME OF REMEDY WITH NAME AND ADDRESS OF MANUFACTURER	INGREDIENTS (This column shows the ingredients as they should be shown on the label according to the application filed)
CONDITIONER & WORM EXPELLER Pioneer Stock Dip & Remedy Company 703 Livestock Exe Kansas City, Mo	Salt 52%, Epsom salts, sulphur 19%, sulphate iron, soda sulphite, charcoal, lime, neutral German oil
CONDITION PILLS Ed F Haberlein McPherson, Kan	Ext Colocynth Com, mild mercurous chloride, (calomel), jalap resin, po gamboge
CONDITION PILLS Dent Medicine Company Newburgh, N Y	Homeopathic milk sugar, carbo veg, graphites, pepsin, pancreatin
CONDITION POWDERS Heimrich Chemical Company Minneapolis, Minn	Colombo root, copperas, African ginger, poplar bark, red pepper, licorice root, juniper berries, elecampane, salt, sulphur, charcoal, fenugreek, anise, screenings 82%
CONDITION POWDER The Haller Proprietary Company Blair, Neb	Sulphur flour 26%, salt 40%, charcoal 11%, St Johns Bread 25%, grd cottonseed hulls 15%, saltpeter, anise, copperas
CONKEY'S BRONCHITIS REMEDY G E Conkey Company Cleveland Ohio	Beechwood creosote, methyl, salicylate, oil bitter almonds (synthetic), castor oil, acacia, water 40%, sugar, wild cherry bark, licorice, ammonium chloride
CONKEY'S CHICKEN POX REMEDY	Gentian root, cinchona bark, iron sulphate, senna, sulphur, fenugreek, magnesium sulphate
CONKEY'S CHOLERA REMEDY	Alum, copper sulphate 15%, salicylic acid, naphthol, cinchona bark, capsicum, gentian, red iron oxide 20%
CONKEY'S COW SPECIAL	Elecampane, spearmint, ginger, aletris, cinchona bark, charcoal 23%, potassium nitrate, sodium sulphate, black haw bark, damiana leaves, uva ursi leaves, peppermint
(For external and internal use)	Camphor, American wormseed, gentian, red oxide iron, licorice, mustard, charcoal 36%, sulphate of iron, sulphur 20%, fenugreek
CONKEY'S LIMBER NECK REMEDY	Sodium hyposulphite, sodium sulphate, sodium bicarbonate, naphthol, ginger, cinchona bark
CONKEY'S POULTRY TONIC	Bone ash, quassia, iron sulphate, cinchona bark, ginger, sulphur, sodium sulphate, red oxide iron, sodium bicarbonate, potassium nitrate, sodium chloride, mustard, fenugreek
CONKEY'S ROUF PILLS for chickens turkeys and pigeons	Cinchonidia sulphate, nux vomica 1 3/8%, rhubarb, copper sulphate 17%, cubebs, ipecac, aconite 4 1/2%, capsicum, bryonia
CONKEY'S ROUF REMEDY	Sodium salicylate, potassium nitrate, gentian root, copper sulphate 80%, magenta, aconite root 1%, tartaric acid, capsicum
CONKEY'S STOCK TONIC	Nux vomica 4 5/8%, ginger, gentian root, charcoal 22%, quassia, sulphur, fenugreek, red oxide iron, potassium nitrate, iron sulphate, cascara sagrada, sodium sulphate, sodium bicarbonate
CONKEY'S WHITE DIARRHŒA REMEDY	Sodium, calcium and zinc sulphocarbonates, starch, copper sulphate 4 1/2%, tartaric acid, magnesium silicate 6 3/4%
COLIC DRENCH Dr David Roberts Vet Co Waukesha, Wis	Turpentine, raw linseed oil, nux vomica 1 5/8%

TABLE II—CONTINUED

NAME OF REMEDY WITH NAME AND ADDRESS OF MANUFACTURER	INGREDIENTS (This column shows the ingredients as they should be shown on the label according to the application filed)
COUGH, COLD AND DISTEMPER Security Remedy Company Minneapolis, Minn	Lobelia, elecampane, blood root, horrice root, sulphur nux vomica, 1 7%, arsenic 0 8%, middlings, sil ammoniac
COW CLEANSER Dr David Roberts Vet Co Waukesha, Wis	Epsom salts, corn meal 27 5%, corn starch, dandelion, carbolic acid 1 4%
COW TONE Stock Yards Veterinary Lab 545 Delaware St Kansas City, Mo	Glauber salts, bicarbonate of soda, salt 22 2% gentian, nux vomica 11 11%
COW TONIC Dr David Roberts Vet Co Waukesha, Wis	Fennel, nitrate of potash, gentian, sulphate of iron fenugreek, chloride of sodium 10%, horrice, starch 5%, nux vomica 1%, sulphur 10%, charcoal 1 3-5% sulphate magnesia
DANIELS COLIC DROPS 172 Milk St Boston, Mass	Po nux vomica 10 3/4%, colocynth red sande- aromatic spirits of ammonia, alcohol 70%
DANIELS COUGH, COLD & FEVER & DIS- TEMPEL DROPS	Belladonna 1 1/4%,aconite root, byronia root, alcohol 25%
DANIELS COW INVIGORATOR	Poplar bark 30%, Epsom salts, common salt, bonset asafoetida, bonemeal 15%, gentian root, fenugreek, copperas, charcoal, uvi ursi, bicarbonate soda, potassium nitrate, elecampane, ginger, capsicum, sulphur, damiana, peruvian bark, althea root water pepper, queen of the meadow, life root
DANIELS HORSE RENOVATOR POWDERS	European aspen 15%, pipawesewa, elecampane root, lobelia herb, rumev, (yellow dock), gentian, anise seed, saltpeter, soda bicarbonate, sassafras bark, horrice root, ginger, fenugreek seed, coriander seed
DANIELS WORM KILLER POWDERS	European aspen 30%, aieca nut 30%, copper is worm seed American, male fern
DIARRHOEA PILLS Dent's Medicine Company Newburgh, N Y	Opium 85-100 of 1%, tannic acid, po camphor comp chalk powder
DIARHO "BABY CHICK SAVER" R E Walter, Reg Ph Hutchinson, Kan	Potassium permanganate, dried ferrous sulfate, distilled water 96%
DIARHO CHICKEN CHOLERA REMEDY	Capsicum, po asafoetida, iron carbonate 20%, po rhubarb, sulphur, venetian icid 25%
DISTEMPERINE Dent Medicine Company Newburg, N Y	Bacillus bronchisepticus, staphylococcus aureus, strep- tococcus pyogenes, alcohol 20%
DISTEMPERINF The Goshen Distemperine Company Goshen, Ind	Aconite 236%, asafoetida, belladonna, rosin salt- peter, sulphur, tar, turpentine
DISTEMPER PILL Ed F Haberlein McPherson, Kan	(Part of distemper treatment) Iron ind quinine citrate
DOG DISTEMPER REMEDY	Quinine sulphate, fld ext gentian, fld ext pinkroot and senna, alcohol, glycerin, water
DUGGER'S HEN-TONE (Powder Form) Cotto-Waxo Company St Louis, Mo	Magnesium sulphate, sodium sulphate, iron sulphate iron oxide calcium phosphate, silica 5%, sulpholeic acid, camphor, oil of sassafras, oleoresin capsicum cottonseed oil

TABLE II—CONTINUED

NAME OF REMEDY WITH NAME AND ADDRESS OF MANUFACTURER	INGREDIENTS (This column shows the ingredients as they should be shown on the label according to the application filed)
DUNABLE'S VERMIFUGE F L Dunable Clay Center, Kan	Oil of anise, oil of croton 4%, oil of Terebinthina, castor oil, oil cedar, oil wormseed, santonine 1%, pink root, olive oil
ECONOMY HORSE CONDITIONER Farmers Chemical Company Onaga, Kan	Nux vomica 25%, ginger, fenugreek, mayapple root, oilmeal
ECONOMY LIVESTOCK TONIC	Copperas, red pepper, Glauber salts, bicarbonate of soda, hyposulphite of soda, nux vomica 2%, fenugreek, charcoal 15%, salt 23%
ECONOMY POULTRY TONIC	Nux vomica 2%, copperas, red pepper, Glauber salts, oil meal 50%, hyposulphite soda
ECONOMY STOCK POWDERS Economy Hog and Cattle Powder Company Shenandoah, Iowa	Blood root, poke root, sulphur, charcoal, carbonate soda, bicarbonate soda, sulphate soda, hyposulphite soda, German wormseed meal, American wormseed meal
ECZEMA PILL Ed F Haberlein McPherson, Kan	(Part of eczema treatment) Ext colocynth comp mercurous chloride, mild (calomel), Jalap resin, po gamboge
EDGERTON MFDICATED SALT BRICK Edgerton Salt Brick Company Goldsboro, N C	Salt 85%, sulphur, nux vomica 1%, copperas, hydrate of lime
EGGP Arnold Manufacturing Company Quincy, Ill	Sodium sulphate, sodium bicarbonate, sulphate iron, clam shell (mytilus concha), grit 25%, calcium phosphate, sodium chloride 11%, red oxide (of iron), nux vomica 2 3%, capsicum, charcoal, sulphur, alum
ELECTRIC STOCK TONIC Electric Medical Company Ashland, Kan	Po nux vomica 7 of 1%, po gentian, po fenugreek, sulphur, slacked lime, charcoal, salt not over 35%, wheat middlings not over 35%
ELKAY'S CANINE LAXATIVE United Drug Company 93 Leon St Boston, Mass	Phenolphthalein, sugar, po talc (trace)
ELKAY'S COLIC REMFDY, IMPROVED (for Horses)	Fld ext belladonna root (1 1/2%), ammonium carbonate, oil lavender flowers, oil nutmeg, oil lemon, oleoresin, ginger, ether, ammonia water, alcohol 47%, water
ELKAY'S DISTEMPER REMEDY for Dogs	Potassium bromide, acetanilid, potassium chlorate, sodium bicarbonate, quinine sulphate, sugar of milk, corn starch, po talc (trace)
ELKAY'S WORM POWDER for Horses and Cattle	Wormseed American, iron sulphate dried
ELKAY'S WORM MEDICINE, IMPROVED (for dogs)	Pomegranate, senna, pinkroot, sugar 25%, alcohol 23%, glycerin, water 30%
EMPIRE STOCK CONDITIONER The Capitol Food Company Tiffin, Ohio	Palmo meal 37%, nux vomica 1%, quassia, salt 22%, Epsom salts, copperas, wormseed 1%, charcoal 21%
EMPIRE POULTRY CONDITIONER	Palmo meal 71%, nux vomica, 5-7%, capsicum, quassia, sulphur, Epsom salts, wormseed, red iron ore 8 9-14%, oyster shell 4 2-7%
EQUINE ANTHELMINTIC American Vet Supply Company Kansas City, Mo	Sodium chloride, iron sulphate, copper sulphate, areca nut 28%, fenugreek 17%, anise, licorice root, America wormseed, oil anise

TABLE II—CONTINUED

NAME OF REMEDY WITH NAME AND ADDRESS OF MANUFACTURER	INGREDIENTS (This column shows the ingredients as they should be shown on the label according to the application filed)
EUREKA HOG POWDER Eureka Chemical Company East Moline, Ill	Bicarbonate of soda, sulphate of soda, wormseed, sulphur, sulphate of iron, charcoal, poke root, tobacco
EUREKA STOCK POWDERS Kansas City Sanitary Company 323 So West Bldg Kansas City, Mo	Po charcoal, glauber salt, po sulphur, soda bicarbonate, po sulphate iron
FARMERS FRIEND CONDITION POWDERS for FARM ANIMALS Farmers Friend Livestock Remedy Company, 1548 D Ave E Cedar Rapids Iowa	Kiln dried sodium sulphate, green sodium sulphate, poke root, sulphur quassia, fenugreek, nitrate potash, charcoal, sodium hyposulphite, sodium bicarbonate, oil meal 14 2-7%, salt 14 2-7%
FARMERS FRIEND WORM EXPELLER for hogs only	Santonin 1%, calomel 1½%, charcoal, sodium hypophosphite 33%, sodium bicarbonate 33%, shorts 26%
FARMERS RELIABLE WORM POWDER Standard Chemical Manufacturing Company Omaha, Neb	American wormseed, tobacco, calomel (?), bicarbonate of soda, sulphate of iron, anise, areca nuts 20%, sodium sulphate, santonin 1 6%
FARMERS STOCK POWDERS Farmers Hog & Cattle Powder Company Tecumseh, Neb	Bicarbonate soda, gentian, copperas, sulphur, blood root, American wormseed, German wormseed 14%, charcoal, hyposulphite soda, belladonna 3¾%, saltpeter, glauber salts
FARRIS COLIC REMEDY Old Kentucky Manufacturing Company Paducah, Ky	Camphor, tincture hyoscyamus, tincture capsicum, essence of peppermint, spirits ether compound, alcohol by volume 60%
FEDERAL POULTRY TONIC Federal Stock Food Company Mifflinburg, Pa	Mustard bran, cocoa shells 25%, buckwheat hulls 25%, red pepper, sulphate of iron, black pepper, oyster shells for grit 14%, venetian red 12%, anise seed, fenugreek, sassafras bark
FEDERAL STOCK TONIC	Carbolign (charcoal), anise seed, fenugreek, gentian, capsicum (red pepper), sulphur, sulphate magnesium (Epsom salts), sulphate of iron, cocoa shells 30%, sassafras bark, mustard bran, buckwheat hulls 30%
FEVER PASTE Dr David Roberts Vct Co Waukesha, Wis	Glucose 88%, water 8½%, sassafras, fruit color cresol compound
F K REMEDY (for White Diarrhoea & Cholera) F k Remedy Company Arkansas City, Kan	Zinc phenolsulphonate, calcium phenolsulphonate, sodium phenolsulphonate, copper sulphate not more than 30%
FLECK'S POULTRY POWDER J J Fleck Tiffin Ohio	Fenugreek, sassafras, sage leaves, bayberry bark, venetian red 4 3-5%, cayenne pepper, bicarbonate soda, sulphate of magnesium, mustard bran, bone meal, oyster shells 23%
FLECK'S CONDITION POWDER	Fenugreek, potassium nitrate, sulphur, magnesium sulphate, bicarbonate soda, gum myrrh, gentian root, ginger, gum, aloes, blood root, oil meal 25 5-8%, charcoal
FLECK'S HEAD REMEDY	Lobelia, skunk cabbage, cleampane, rosinweed, licorice root, antimony and potassium taurate 007%, gentian root and oil meal 14 2-7%
FLECK'S HOG REMEDY & WORM POWDER	Sulphur, sulphate iron, sodium bicarbonate, sodium sulphate, sodium hyposulphite, charcoal 16%, antimony sulphide 2½%, sodium chloride 19¼%, naphthalene
FLECK'S STOCK POWDER	Gentian, sulphur, soda fenugreek, ginger, potassium nitrate, charcoal 18¾%, Epsom salts, chloride of soda 28%, sulphate of iron

LIVESTOCK REMEDY LAW

TABLE II—CONTINUED

NAME OF REMEDY WITH NAME AND ADDRESS OF MANUFACTURER	INGREDIENTS (This column shows the ingredients as they should be shown on the label according to the application filed)
FOR CHICKENS A E Kraumn Emporia, Kan	Po gentian root, po nux vomica 3%, po capsicum, po blood root, po saltpeter, po soda bicarbonate, po sulphur, po copperas, po horse medley, po mandrake, po fenugreek, venetian red 58%
FOR WORMS Ed F Haberlein McPherson, Kan	Fld ext pinkroot and senna
FRAVEL'S REMEDY Fravel Remedy Company F St Louis, Ill	Honey, eucalyptol, sassafras, gentian, eriodictyon, quinine sulphate, sanguinaria, strychnine 1-75 gr to oz, balsam poplar buds, tincture citro chloride iron, wild cherry bark, grindelia, glycerol lobelia, white pine bark, stramonium, alcohol, chloroform: 3 m to the oz, morphine acetate 1-11 gr to the oz, nitrous ether
FRAZIER'S DISTEMPER REMEDY Binkley Medical Company Nappanee, Ind	Turpentine, sulphur, pine tar
FREELAND'S ALTERNATIVE POWDER S C Freeland Marion, Kan	Ground flaxseed 10%, Epsom salts, fenugreek, willow charcoal, wheat flour 46%, salt 10%, nitrate potash
FREELAND'S COLIC REMEDY	Cannabis indica, ti asafoetida, sulphuric ether, spirits of peppermint, alcohol
FRENCH POULTRY MUSTARD R T French Company Rochester, N Y	Pure mustard
F S H REMEDY The Olephen Chemical Company Wamego, Kan	Pure camphor gum raw linseed oil, phenol
G & G BLOOD PURIFIER G & G Remedies Company, Inc Kansas City, Mo	Nux vomica 1-10 grain, sulphur, arsenic, sulphide 1-60 grain, potassium nitrate, sugar of milk
G & G CHOREA PELLETS	Arsenious acid 1-40 grain, reduced iron
G & G COLIC & DISTEMPER LOTION	Fld ext echinacea, oil eucalyptus, sulphuric ether, oil turpentine, raw linseed oil
G & G CONDITION PELLETS	Po echinacea, reduced iron, po nux vomica 1-10 grain, hyoscyamus, po rhubarb, cascara
G & G DISTEMPER SPECIFIC	Cinchonidia sulphate, fld ext echinacea, fld ext capsicum, aromatic elixir, alcohol
G & G LAXATIVE PILLS	Jalap, gentian, podophyllum, ext colocynth comp, capsicum, rhubarb
G & G WORM GLOBULES	Po Kamalla, po senna, purified oil turpentine, cotton seed oil
G & G WORM PILLS	Purified oil turpentine, cascara, cottonseed oil
G & G WORM REMEDY	Fld ext spigelia, oleoresin aspidium, gum acacia, glycerine, distilled water, po ext kamilla
GAPE CURF Stock Yards Vet Lab 545 Delaware St Kansas City, Mo	Camphor, brown iron oxide, fenugreek, licorice root
GERMAN HOG REMEDY Farmers Hog & Cattle Powder Company Tecumseh, Neb	Po asafoetida, po fenugreek, Lewis lye 20%, water

TABLE II—CONTINUED

NAME OF REMEDY WITH NAME AND ADDRESS OF MANUFACTURER	INGREDIENTS (This column shows the ingredients as they should be shown on the label according to the application filed)
GILLESPIE'S RED SEAL POULTRY TONIC D F Gillespie & Son Hartford, Kan	Venetian red 43.75%, corn meal 50%, bicarbonate of soda, cayenne pepper, ginger, asafoetida, sulphur charcoal
GOINGS CONDITION POWDER Miller Drug Company Junction City, Kan	Sulphur, gentian, potassium nitrate, sulphate iron, ginger, charcoal
GOLDEN EGG TONIC Mrs Eugene Cristman Scottsville, Kan	Ground ginger, allspice, cloves, red pepper, Epsom salts, shorts 50%
GOODWIN'S POULTRY REMEDY B Goodwin Topeka, Kan	Sassafras, quinine, epsom salts, water 80½%
GOVERNMENT HOG POWDER L L Constant Belle Plaine, Kan	Wood charcoal, sulphur, salt, hyposulphite of soda, bicarbonate of soda, sulphate of soda, antimony sulphide 10%
GOVERNMENT HOG CHOLERA REMEDY McPike Drug Company Kansas City, Mo	Wood charcoal, sulphate sodium, pure sulphide antimony 10%, sulphur, hyposulphite soda, bicarbonate soda, chloride soda
GOVERNMENT FORMULA HOG CHOLERA POWDER Quigley and Brown Atchison, Kan	Wood charcoal, sulphate sodium, pure sulphide antimony 10%, sulphur, hyposulphite, soda, bicarbonate soda, chloride of sodium
GRANGE GARGOT REMEDY Dairy Association Company Lyndonville, Vt	Poplar bark 16.2-3%, poke root, potassium nitrate, pipsisewa, Epsom salts, sulphur 16.2-3%
GRAY'S CONDITION POWDERS E E Gray Protection, Kan	Rosin 25%, antimony (black sulphide) 6¼%, sulphur, Epsom salts, cream of tartar, fenugreek ginger, salt-peter, juniper berries, brown sugar 25%
GRAWCOCK'S NU-TONE for HOGS The Nu-Tone Company Churubusco, Ind	Hydrochloric acid 3½%, sulphate of iron, spirits of turpentine, oil of anise, syrup, water acacia
GUARDIAN STOCK CONDITIONER The Guardian Food Company New York City	Fenugreek seed, sodium chloride 40%, quassa, charcoal 12%, copperas, sulphur, sulphate of soda
GWYN'S HEN HEALTH C O Gwyn Waverly, Kan	Sodium sulphite, copper sulphate 6%, iron sulphate, sodium sulphate, zinc sulphocarbonate, iron carbonate precipitated
HEAVE POWDERS Heinrich Chemical Company 417 So 7th St Minneapolis, Minn	Sulphur, salt-peter, cream of tartar, black antimony 4.26%, white rosin, screenings 37.2%
HEAVE POWDER Lamprey Products Company St Paul, Minn	Lobelia, digitalis 4.0%, elecampane, sanguinaria, arum (wild turnip), gentian, licorice, ginger, dracontium (skunk cabbage), oil meal 49.3%, barbadoes tar
HEAVE POWDER Dr David Roberts Vet Co Waukesha, Wis	Stramonium, elecampane, lobelia licorice, corn starch 28%, corn meal 28%
HEAVE POWDER Stock Yards Veterinary Lab 545 Delaware St Kansas City, Mo	Arsenic 2.430%, lobelia seed, nux vomica 39.02%, gentian root, charcoal 9.756%
HENDU EGG LAYING TABLETS Commercial Chemical Company Chicago, Ill	Iron sulfate, calcium carbonate, precipitated, oil of capicum, oil anise, calcium phosphate 41%, potato flour 25%



TABLE II—CONTINUED

NAME OF REMEDY WITH NAME AND ADDRESS OF MANUFACTURER	INGREDIENTS (This column shows the ingredients as they should be shown on the label according to the application filed)
HINDU R 1001	Calcium phenolsulphonate, calcium phosphate dibasic, iron sulphate, capsicum, squill, salt 10% potato flour 50%
HINDU ROLF REMEDY	Copper sulphate 10%, Epsom salts, Rochelle salts, potassium permanganate
HINDU LIMBERLOCK REMEDY	Calcium phenolsulphonate borax Epsom salts, staining matter
HINDU CHOLERA REMEDY	Magnesium silicate 60%, copper sulphate 5%, capsicum, alum
DR HESS COLIC REMEDY Drs Hess & Clark Ashland, Ohio	Fluid extract of stramonium, fluid extract of cannabis indica, fluid extract of capsicum, chloroform, alcohol (dil 60%), carbolic acid 2.1%
DR HESS DISTEMPER FEVER AND COUGH REMEDY	Fluid extract of stramonium, fluid extract of aconite root 4%, oil of tar
DR HESS HLAZI POWDER	Magnesium sulfate nux vomica 6.5%, fenugreek, stramonium, blood root, yellow ochre, red oxide of iron, sodium chloride, peanut hull meal 37%
DR HESS ROLF REMEDY	Carbonite of magnesia, potassium permanganate, sodium tetraborate (borax) 93%
DR HESS WHITE DIARRHEA REMEDY	Bismuth subnitrate, precipitated chalk, bicarbonate of soda, ginger
DR HESS HOG WORM POWDER	Quassia, nux vomica 6.5%, charcoal 12%, sodium nitrate, sodium sulfate, magnesium sulfate, sodium chloride 28%, iron sulfate, fenugreek American worm seed, peanut hull meal 42%
DR HESS POULTRY PAN-ACID-A	Sodium nitrate, quassia, sulfate of iron, marble dust 20%, nux vomica 6%, sodium sulfate, sodium chloride 11%, venetian red, peanut hull meal 57%
DR HESS STOCK TONIC	Quassia, nux vomica 8%, charcoal 6%, sodium nitrate sodium sulfate, magnesium sulfate, sodium chloride 26%, iron sulfate, fenugreek, peanut hull meal 37%
DR HESS WORM POWDER	Sodium sulfate, American worm seed, fennel seed, quassia, iron sulfate, sodium chloride 13.23%, peanut hull meal 35.4%
HOG CHOLERA MEDICINE Frank Benesh Cuba, Kan	Po lobelia, antimony sulphide (black antimony) 006% oil of tar, cape aloes, sodium sulphate (Glauber salts), cigar clippings, iron carbonate, sulphuric acid 0875%, lime water water
HOG-JOY GRO-FAST MINERAL FOOD Hog-Joy System Springfield, Ill	Potassium chloride, calcium phosphate, calcium oxide, sulphur, magnesia, carbon dioxide, silica, iron, aluminum
HOG POWDERS Heinrich Chemical Company 417 So 7th St Minneapolis, Minn	Colombo root, ginger, copperas, red pepper, skunk cabbage, poplar, bark, juniper berries, blood root, fenugreek, anise, salt, sulphur, charcoal, oxide iron, screenings 61.45%
HOG REGULATOR Great Western Chemical Manufacturing Company Grand Island, Neb	Sodium sulphate, sodium bicarbonate, sulphur, fenugreek, African ginger, anise seed, sodium chloride 17.20-31%, iron sulphate, areca nut 2%, American worm seed, nitrate of soda, elecampane, oil meal, charcoal 17.20-31%
HOG TONIC Dr David Roberts Vet Co Waukesha, Wis	Charcoal, anise, gentian, fenugreek, nitrate of potash, sulphate of iron, licorice root, corn meal 25%, corn starch 25%

TABLE II—CONTINUED

NAME OF REMEDY WITH NAME AND ADDRESS OF MANUFACTURER	INGREDIENTS (This column shows the ingredients as they should be shown on the label according to the application filed)
HOG WORM POWDER Haller Proprietary Company Blair, Neb	Areca nut 48%, St John's bread 10%, salt 17%, copperas, wormseed, Glauber salts, anise
HOG WORM POWDER Lamprey Products Company St Paul, Minn	Sulphur, American worm seed, sodium sulphate sodium chloride 5%, charcoal, naphthaline, iron sulphate, fenugreek, anise seed, areca nut 4%, aloes, ginger, elecampane, gentian, capsicum, curcuma, asafoetida, licorice, wood ashes 20% saffrafas, grain screenings 37%
HORSE CONDITIONER & WORM EXPELLER Pioneer Stock Dip and Remedy Company 703 Livestock Exch Bldg Kansas City, Mo	Tobacco, salt 19%, sulphur, slippery elm soda bicarbonate, aloes, oilmeal
HORSE COLIC CURE T Stevens Hiawatha, Kan	Oil spearmint, fld ext Indian hemp
HORSE TONIC Dr David Roberts Vet Co Waukesha, Wis	Anise, nitrate of potash, gentian, sodium chloride 10%, fenugreek, sulphate of iron, starch 5% ginger, sodium sulphate, licorice, saffrafas
HORSE WORM POWDER Lamprey Products Company St Paul, Minn	Naphthaline, charcoal, sodium chloride, sodium sulphate, American worm seed, sulphur, aloes, areca nut 10%, anise seed, fenugreek, iron sulphate, saffrafas, licorice, asafoetida, curcuma, capsicum gentian, elecampane, ginger, ashes 17 4%, cereal meal 40%
IDEAL POULTRY TABLETS Blackman Stock Remedy Company Chattanooga, Tenn	Permanganate of potash, Epsom salts, boric acid sulphate of iron
INOMAL LITTLE CHICK REMEDY The Hammer Remedy Company Lamoni, Iowa	Potassium permanganate, aluminum sulphate coloring matter
INOMAL WHITE DIARRHEA REMEDY	Zinc permanganate, dried ferrous sulphate bibaux Peru, chinisol, dried alum
INTERNATIONAL CHICKEN CHOLERA MEDICINE International Stock Food Company Minneapolis, Minn	Sulphur, quick lime, water 62%
INTERNATIONAL COLIC MEDICINE	Alcohol 18%, aconite 16%, water 70%, tincture nux vomica 10%, colocynth, ginger, aqua ammonia, sweet spirits of nitre, sulphuric ether, soda bicarbonate
INTERNATIONAL DISTEMPER MEDICINE	Potassium chlorate, iron sulphate (commercial), acetanlid, digitalis 19%, eucalyptus, camphor, venetian red, screenings 60%
INTERNATIONAL HEAVE POWDER	Stramonium leaves, quassia, camphor, bicarbonate of soda, nux vomica 7%, iron oxide, ground screenings 46%
INTERNATIONAL HOG WORM POWDER	Areca nut 31%, worm seed (American) quassia, copperas, bicarbonate of soda, charcoal, Glauber salts, salt 13%, ground grain screenings 38%
INTERNATIONAL HOG TONIC	Ginger, quassia, gentian, nux vomica 4%, copperas, sulphur, bicarbonate of soda, screenings 27%, Glauber salts, salt 10%, charcoal
INTERNATIONAL MEDICINAL STOCK FOOD TONIC	Capsicum, ginger, gentian, quassia, bicarbonate of soda, mustard, copperas, sulphur, charcoal 13 1-3% ground grain screenings 45 4%, saltpeter, nux vomica 1 2%, salt 30%, cinchona, rosin weed columbo

TABLE II—CONTINUED

NAME OF REMEDY WITH NAME AND ADDRESS OF MANUFACTURER	INGREDIENTS (This column shows the ingredients as they should be shown on the label according to the application filed)
INTERNATIONAL MEDICINAL POULTRY TONIC	Capsicum, ginger, gentian, quassia, copperas, saffras, mustard seed, bicarbonate of soda, calcium carbonate 48.5%, charcoal 32%, mustard bran
INTERNATIONAL MORMILK TONIC	Capsicum, ginger, quassia, gentian, iron sulphate, nux vomica 85%, mustard, sulphur, anise seed, bicarbonate soda, iron oxide, salt 30%, ground screenings 60%
INTERNATIONAL ROUP POWDER	Copper sulphate 98.1%, potassium permanganate
INTERNATIONAL SULPHO SALTS	Uva ursi, American wormseed, soda bicarbonate, sulphur, copperas, charcoal, salt 90%
INTERNATIONAL WHITE DIARRHEA TABLETS	Sodium sulpho-carbolate, zinc sulpho carbolate, calcium sulpho carbolate, sodium bicarbonate, calcium carbonate, precipitated it 33%
INTERNATIONAL WORM POWDER (for horses)	Arca nuts 12%, American worm seed, salt 40%, mandrake, copperas, quassia, charcoal, ground grain screenings 20%
IOWITE CHICK TONIC The Wight Company 138 So Linden St Lamoni, Iowa	Zinc peroxide, alum dried, chinisol, zinc permanganate, balsam Peru, iron sulphate dried
IOWITE ROUP REMEDY	Balsam Peru, zinc permanganate, zinc peroxide, chinisol, alum dried
T H JACKSON'S COMMON SENSE COLIC REMEDY T H Jackson & Co Quincy, Ill	Aristolochia, ginger, aconite root 1/2 of 1%, chloroform alcohol
T H JACKSON'S COMMON SENSE REFRESHING POWDERS	Fenugreek, ginger, buchu, gentian, saltpeter, copperas, soda bicarbonate, sulphur 30%, ground linseed oil-cake (50%)
J & H DISTEMPER REMEDY J & H Medical Company Colony, Kan	Tincture chloride of iron, oil of tur
JIM'S GERMICIDE J W Grauerholz Kensington, Kan	Potassium permanganate, copperas, Epsom salts, calomel 0.00026%, water
JOSELYN'S HOG POWDER Ed S Joselyn Rockwell City, Iowa	Rock phosphate (crude bone phosphate of lime) 65%, iron oxide, sugar, copperas, po coal, glauber salt sodium chloride, flowers of sulphur, hyposulphite of soda
J S DISTEMPER REMEDY C O Selig Augusta, Kan	Aconite 2%, bittersweet, bryonia, potassium bichromate, diluted alcohol
KALO HOG TONIC Kalo Stock Remedy Company Quincy, Ill	Poke root, gentian, sulphur, charcoal 28%, fenugreek, sulphate of iron, sodium sulphate, calcium phosphate, sodium carbonate, sodium bicarbonate, American worm seed
KALO MINERAL COMPOUND	Sodium sulphate, charcoal, sulphate of iron, sodium bicarbonate, sodium carbonate, sulphur, calcium phosphate, oxide of iron, charcoal 23%
KALO POULTRY TONIC	Venetian red 57%, sulphate of iron, sulphur, capsicum charcoal 28%, aconite 4-10 of 1%, blood root, ginger
KALO SHEEP TONIC	Salt 63%, charcoal 20%, gentian, sulphur, fenugreek, sulphate of iron, tobacco, ginger

TABLE II—CONTINUED

NAME OF REMEDY WITH NAME AND ADDRESS OF MANUFACTURER	INGREDIENTS (This column shows the ingredients as they should be shown on the label according to the application filed)
KALO STEER TONIC	Calcium phosphate, charcoal, sodium chloride 20%, caraway seed, coriander seed, re-cleaned cotton seed bran 26%, fenugreek, capsicum, sodium bicarbonate, sodium sulphate, gentian, ginger, sulphur
KALO-TONIC BRICK	Tobacco, asafoetida, linseed oil, sulphur, sodium chloride 68%, ginger, charcoal 20%
KALO TONIC BRICK POWDER	Tobacco, asafoetida, linseed oil, ginger, sulphur charcoal 20%, sodium chloride 68%
KANSAS HOG TONIC R R Clutz, M D Bendena, Kan	Wood charcoal, sulphur, sodium chloride, sodium bicarbonate, sodium hyposulphite, sodium sulphate horse medley 10%
KANSAS KOLERA KURE Kansas Kolera Kure Company Hutchinson, Kan	Arcea nut 44 1/2%, tartar emetic 11 1/2%, copperas, charcoal
KEILERSSTRASS CHOLERA REMEDY C W Daugherty Manufacturing Company 537-39 Grand Ave Kansas City, Mo	Sulphuric acid 5 1/2%, safrol, iron sulphate, water 89%
KEILERSSTRASS EGG-A-DAY TONIC	Sulphuric acid 6%, iron sulphate, oil of camphor, oil of sassafras, water 86%
KELLERSSTRASS GALT REMEDY	Iron sulphate, sulphuric acid 3%, safrol, oil of camphor, water 89%
KEILERSSTRASS LIMBERNECK REMEDY	Iron sulphate, sulphuric acid 3% safrol oil of camphor, water 89%
KELLERSSTRASS ROOF REMEDY	Sulphuric acid 5 1/2%, oil sassafras, oil of camphor, water 89 1/2%
KELLERSSTRASS WHITE DIARRHEA REMEDY	Sulphuric acid 5 1/2%, safrol, iron sulphate, water 89%
KEYSTONE COLIC CURE James L Murray Coldwater, Kan	Tincture opium 40%, ether, tincture capsicum
KEYSTONE STOCK CONDITIONER Guarantee Food Company of Penn Lewistown, Pa	Sulphur, copperas, Epsom salts, fenugreek, anise seed, gentian, capsicum, African ginger, ground cocco shells 30%, ground buckwheat hulls 37 1/2%
KIDNEY AID Dr David Roberts Vet Co Waukesha, Wis	Rosin, sugar, sulphur, anise, licorice, juniper berries, corn starch 30%
KINRECO CATTLE TONIC The Kinyon Remedy Company Topeka, Kan	Iron sulphate, ginger root, charcoal, sodium chloride (salt) 39%, nux vomica 3%, sodium bicarbonate, sodium sulphate, anise seed, alfalfa meal 10%, wheat middlings 31%
KINRECO HOG POWDER	Sodium sulphate, iron sulphate, copper sulphate 3%, magnesium sulphate, oil meal, charcoal 12%, sodium chloride 12%, sulphur, sanguinaria (blood root), gentian, fenugreek, licorice, American worm seed, anise seed
KINRECO SLEEP TONIC	Sodium bicarbonate, sodium sulphate, sodium chloride (salt) 30%, charcoal 12%, iron sulphate, magnesium sulphate, sulphur, copper sulphate 2%, anise seed, American worm seed, tobacco
KINRECO POULTRY TONIC	Ginger root, capsicum, charcoal, sodium chloride, salt 10%, venetian red 12%, iron sulphate, magnesium sulphate, potassium nitrate, sulphur, sodium sulphate, wheat middlings 12%, anise seed

TABLE II—CONTINUED

NAME OF REMEDY WITH NAME AND ADDRESS OF MANUFACTURER	INGREDIENTS (This column shows the ingredients as they should be shown on the label according to the application filed)
KINRECO STOCK REMEDY	Nux vomica 1%, sodium sulphate magnesium sulphate, sodium chloride 22%, iron sulphate fenugreek, charcoal, sulphur, oil meal, anise seed, American wormseed, gentian, sanguinaria (blood root), licorice, wheat middlings 24%
KOW KARE Dairy Association Company Lyndonville, Vt	Elecampane, uva ursi, spearmint, nitrate of potash (saltpeter) sal epsom, black haw bark, precipitated iron oxide (ferric oxide), demiana leaves, African ginger root, capsicum, alettris, cinchona, fenugreek seed, witch hazel leaves, garget root, boneset
LANGE'S POULTRY TONIC The Lange Company De Pere, Wis	Copperas, camphor gum, red pepper, saffrairs, and flaxseed, sodium bicarbonate, corn meal 26% Venetian red 9%, middlings 52%
LANGE'S STOCK TONIC	Pure and flaxseed 50%, middlings 30%, Epsom salts, copperas, buchu anise, gentian, ginger, saltpeter sulphur, fenugreek salt
LANTONIC Dr David Roberts Veterinary Company Waukesha, Wis	Starch, annis licorice ginger nux vomica 50%
LEE'S BEST CONDITIONER Geo H Lee Company Omaha, Neb	Gentian, ginger, fenugreek, sulphur anise, rhubarb, licorice, cayenne, potassium nitrate, iron sulphate charcoal, salt 14%, germ meal 5%, linseed meal 5%
LEE'S EGG MAKER	Granulated blood, linseed meal 55%, ginger, potassium nitrate, gentian, sodium sulphate, cayenne fenugreek, iron sulphate, salt, sulphur, charcoal
LEE'S HOG REMEDY	Sulphur, iron sulphate, salt 33%, charcoal, soda bicarbonate, soda hyposulphite, soda sulphate tobacco, copper sulphate 1%, naphthalin, antimony sulphide 1%, gentian, aloes
LEE'S WORM POWDER	Gentian, iron sulphate, linseed meal 15%, common salt 20%, aloes, tobacco, sodium sulphate copper sulphate 2%
LEE'S WHITE DIARRHOEA REMEDY	Acid sulphate iron and aluminum, copper sulphate (1/2 of 1%), sodium sulphate, water 88%
DR LEGEAR'S COLIC REMEDY Dr L E LeGear Medicine Company St Louis, Mo	Castile soap, camphor, oil rosemary, alcohol, fid ext capsicum, ammoniac water, ginger, fluid ext aconite 48%
LEGEAR'S CHOLERA REMEDY	Sulphur, charcoal, ground wheat middlings 39%, iron sulphate, ammonium, alum, rosin, capsicum quassia
LEGEAR'S HEAVE & COUGH REMEDY	Charcoal, salt, sodium nitrate, ginger, iron sulphate, wild cherry bark, white pine bark, lobelia herbs, nux vomica 0.99%, palmo meal 72.13%
LEGEAR'S ROUP REMEDY	Ground wheat middlings 34%, Epsom salts sodium nitrate, capsicum, iron sulphate, ginger, wild cherry bark, white pine bark
LEGEAR'S STOCK POWDERS	Charcoal salt, sodium nitrate, fennel seed, ginger, sodium bicarbonate, iron sulphate, quassia nux vomica 77%, palmo meal 71.38%
LEGEAR'S WORM REMEDY	Iron sulphate, charcoal, American worm seed, quassia, arcaea nuts 1.59%, palmo meal 76.67%
LEGEAR'S POULTRY PRESCRIPTION	Sulphate of iron, nitrate of soda, quassia sulphate of magnesium, nux vomica 0.76%, Venetian red 1.92%, salt 6.41%, powdered oyster shells 12.82%, palmo meal 70.55%
LEGEAR'S EGG LAYING TABLETS	Nux vomica 2 gr, po gentian, capsicum, sulphate of iron, sulphate of magnesium, potassium nitrate oil anise

TABLE II—CONTINUED

NAME OF REMEDY WITH NAME AND ADDRESS OF MANUFACTURER	INGREDIENTS (This column shows the ingredients as they should be shown on the label according to the application filed)
LEGEAR'S CHICK DIARRHOEA TABLETS	Sulphate of iron, potassium alum, potassium nitrate, zinc sulphocarbonate, sulphate of magnesia
LIQUID IMMUNE Pioneer Stock Dip & Remedy Company 703 Livestock Exchange Kansas City, Mo	Coal tar acid, pitch oil, neutral German oil, pine tar extract
LITTLE CHAMPIONS Stock Yards Veterinary Company 545 Delaware St Kansas City Mo	Corrosive sublimate 24 25%, citric acid soda bicarbonate blue coloring
LITTLE CHAMPIONS WHITE DIARRHOEA TABLETS	Mercury bichloride not over 24 2-5%, soda bicarbonate, citric acid acacia (gum arabic) not over 25%
LITTLE DICK GERM KILLER Clarence Teeter Huron, Kan	Petroleum (refined), tobacco extract
LION BRAND STOCK POWDER Menke & Co Kansas City, Mo	Brown shorts 45%, Glauber's salt, sulphur, charcoal, poplar bark, gentian root, quassia, capsicum, ginger culvers root, anise powder, mandrake root
LION'S STOCK REMEDY Livestock Remedy Company St Louis, Mo	Chenopodium (American wormseed), anise seed, saffras, fenugreek, asafoetida, licorice root, sulphur, gentian, ginger, senna, sodium sulphate, sodium bicarbonate
DR LOVELAND'S REMEDY for White Diarrhoea in Little Chicks H W Loveland 1026 So Main St Wichita, Kan	Iron sulphate, sulphuric acid 25%, rain water 50%
MAGIC STOCK POWDER Magic Stock Powder Company Minneapolis, Minn	Sodium sulfate, bicarbonate of soda, sulphate of iron, sulphur, fenugreek
MAGGIE'S POULTRY MEDICINE F E Johnson & Co Pierce City, Mo	African ginger, Jamaica ginger, gentian, capsicum, rhubarb, licorice root, sulphate iron, anise seed, cubeba, asafoetida, charcoal, Spanish brown 4%, oilcake 4%, sulphur, low grade flour 64%, bone 3%, oyster shell 3%
MACHRY'S KKK CONDITION POWDER-REGULATOR KKK Medicine Company Keokuk, Iowa	Jalap, cascara sagrada, soda ash, salt 19%, sulphur, fenugreek seed, rosin, gentian, iron sulphate, resinous oil turpentine, wood charcoal, cereal oil meal 54%
MCGRAW'S COLIC CURE Mrs Nancy McGraw Fort Scott, Kan	Tincture opium 6%, spirits camphor, tincture capsicum, chloroform, alcohol, sodium hyposulphite
MCNESS' POULTRY TONIC Furst-McNess Company Freeport, Ill	Capsicum, ginger, sulphur, Venetian red 06%, charcoal, quassia, gentian, copperas, shell 5%, middlings 24%
MCNESS' STOCK TONIC	Coriander, ginger, quassia, capsicum, salt, charcoal, areca nuts 018%, potassium nitrate, sodium sulphate, middlings 54 9%, fenugreek, copperas, sulphur
MCNESS' SAL-TONIC, a Medicated Stock Salt	Capsicum, saltpeter, bicarbonate of soda, copperas, areca nut 03%, sulphur, quassia, Glauber's salt, charcoal, salt 65%

LIVESTOCK REMEDY LAW

TABLE II—CONTINUED

NAME OF REMEDY WITH NAME AND ADDRESS OF MANUFACTURER	INGREDIENTS (This column shows the ingredients as they should be shown on the label according to the application filed)
DR MILLER'S LUCKY STRIKE STOCK TONIC National Chemical Company Burlington, Iowa	Gr fenugreek seed, American wormseed, po sulphur, po saltpeter, po Glauber salt, po charcoal, 21 978%, bolted oilmeal 21 978%, ship stuff 21 978%
DR MILLER'S LUCKY STRIKE POULTRY TONIC	Red pepper, po nux vomica 2 25%, copperas, po fenugreek seed, charcoal 15 03%, corn meal 15 03%, ship stuff 80 15%
MINERAL VITOL American Veterinary Supply Company Kansas City, Mo	Calcium phosphate, calcium hydrate, calcium carbonate, copper sulphate, iron sulphate, sodium chloride, sodium sulphate, sulphur, potassium iodide, po fenugreek, po fennel seed, po anise seed, kaolin and yeast
MOORE GOOD COMPOUND Pioneer Stock Dip & Remedy Company 703 Livestock Exchange Kansas City, Mo	Sodium chloride (salt), sodium bicarbonate, ground flax seed, sulphur, magnesium sulphate (Epsom salts)
MOORE'S HOG REMEDY Moore Chemical Company 19th and Campbell St Kansas City, Mo	Crude carbolic acid with an average of 20% cresylic acid, potassium hydroxide, rosin, croton oil 3-5 of 1%, water
MOORE'S DEFY CATTLE COMPOUND Moore's L S Remedies Company 460 Livestock Exch Bldg Kansas City, Mo	Iron sulphate, sulphur 26%, Glauber's salt, charcoal, sodium bicarbonate, oil meal, fenugreek, hydrated lime, carbolic acid
MOORE'S SHEEP COMPOUND	Tobacco, oil meal 19%, sodium bicarbonate, charcoal, salt 53%, gasoline, sulphur
MOORE'S HOG COMPOUND	Iron sulphate, sulphur, oil meal, hydrated lime, Glauber salts, charcoal, sodium bicarbonate
MOORMAN'S CONCENTRATED HORSE POWDER Moorman Mfg Company, Quincy, Ill	Linseed meal 33%, wheat middlings 33%, sodium sulphate, horse medley 2 07%, ginger, fenugreek, sulphur, copperas, salt 12 4%
MOORMAN'S HOG REMEDY	Copperas, sulphur, hydrated lime, sodium carbonate charcoal, sodium sulphate
MOORMAN'S HOG REMEDY WORM EXPELLER	Tobacco sodium sulphate charcoal
MOORMAN'S MEDICATED SALT	Salt 65%, charcoal, tobacco, copperas, sulphur
MOORMAN'S POULTRY REGULATOR	Copperas, salt 10%, charcoal 10%, Venetian red 10%, hydrated lime, ground mustard hulls 50%
MOORMAN'S SHEEP POWDER	Salt 70%, copperas, sulphur, charcoal, tobacco
MOORMAN'S SPECIAL CATTLE POWDER	Gentian, ginger, fenugreek, tamarac, sulphur, charcoal, salt 13 5%, wheat middlings 13 6%, linseed meal 48%
MORE EGG TABLETS Stock Yards Poultry Supply Company 2845 Holly St Kansas City, Mo	Calcium carbonate copperas, gentian, ginger, saltpeter
MORE EGG TONIC F J Reefer Coca-Cola Bldg Kansas City, Mo	Iron sulphate, calcium carbonate, chlorophyll, capsicum, fenugreek, fennel oil
NATIONAL NUMBER TEN National Medicine Company 208 Central Ave Kansas City, Mo	Dried sodium sulphate, sodium bicarbonate, dried sodium hyposulphite, sodium chloride 20%, dried ferrous sulphate, pulverized wood charcoal 20%, sulphur, American wormseed, pulverized sanguaria

TABLE II—CONTINUED

NAME OF REMEDY WITH NAME AND ADDRESS OF MANUFACTURER	INGREDIENTS (This column shows the ingredients as they should be shown on the label according to the application filed)
N & H COMPANY'S UP-TO-DATE WORM EXPELLER for Hogs N & H Company Kansas City, Kan	Fish oil, oil of croton 1¼%, charcoal, boracic acid 2½%, blue vitriol 1¼%, wormseed (German) 5½%, shorts, meat (cooked) 75¼%
N & H PREVENTIVE for White Diarrhoea	Blue vitriol 1¼%, red pepper, phenolphthalein, fenugreek, corn meal 56¾%, peanut meal 40%, zinc sulpho carbolate
N & H WORM EXPELLER AND CHICKEN CONDITIONER	German worm seed 2¼%, vitriol (blue) 1¼%, pepper red, phenolphthalein, fenugreek, corn meal 47¼%, peanut meal 47¼%
NEBRASKA CONDITION POWDER Nebraska Livestock Remedy Company Fremont, Neb	Phytolacca, sanguinaria, sodium bicarbonate, sulphur charcoal venetian red, African ginger, sodium sulphate
NEBRASKA POULTRY REMEDY Von Ruesen Marysville, Kan	Permanganate potassium po alum
NEBRASKA WORM POWDER Nebraska Livestock Remedy Company Fremont, Neb	German wormseed 5%, American wormseed, iron sulphate, sodium bicarbonate, charcoal, coloring
No 79 COLIC REMEDY Shreve Drug Store White Cloud, Kan	Sulphuric ether, tincture opium 33% tincture ginger oil of anise, alcohol
"NOXIGERM" POULTRY REMEDY Sipe Conditioner Manufacturing Company Kansas City, Mo	Permanganate of potash, water
OMAHA REMEDY CATTLE POWDER Omaha Remedy Company 607 So 13th St Omaha, Neb	Sulphate soda, bicarbonate soda, sulphur, po gentian, po fenugreek, po blood root, willow charcoal
OMAHA REMEDY HOG POWDER	Sulphate soda, bicarbonate soda, sulphate iron, sulphur, American wormseed, po gentian, po fenugreek, po blood root, willow charcoal
OMAHA REMEDY HORSE POWDER	Sulphate soda, bicarbonate soda, sulphur, sulphate iron, American wormseed, po gentian, po fenugreek, po blood root, willow charcoal, grd flx meal
OMAHA REMEDY POLTRY POWDER	Sulphate of soda, bicarbonate soda, sulphur, sulphate iron, American wormseed, po gentian, po fenugreek, po blood root, willow charcoal, flax seed meal, po capsicum
OMAHA REMEDY SPECIAL HOG POWDER	Sulphate soda, bicarbonate soda, sulphate iron, sulphur, American wormseed, po gentian, po fenugreek, po blood root, willow charcoal, grd flaxseed meal
O S HOG REMEDY O S Hog Remedy Company Tonkawa, Okla	Sulphur 24%, copperas, saltpeter, dutch madder, antimony sulphide 157%, arsenic 157%
OWENS HEALTH & EGG PRODUCER Blackman Stock Remedy Company Chattanooga, Tenn	Rosin 21 1-3%, sulphur 21 1-3%, copperas, cayenne pepper, blood meal, bone flour, charcoal, oyster shell 9½%
PACKERS MORE EGG TABLETS Packers Poultry Supply Company Kansas City, Kan	Fenugreek, potassium nitrate, sodium sulphate, iron sulphate, oleoresin, capsicum, glucose
PARKERS CONDITION POWDER for Horses & Cattle T Stevens Hiawatha, Kan	Sulphate of iron, sulphate of soda, rosin, oil meal, ginger, sulphur, fenugreek, gentian, charcoal, arsenic 5%



LIVESTOCK REMEDY LAW

TABLE II—CONTINUED

NAME OF REMEDY WITH NAME AND ADDRESS OF MANUFACTURER	INGREDIENTS (This column shows the ingredients as they should be shown on the label according to the application filed)
DR PARRICK'S MILCH COW POWDERS Dr Parrick Veterinary Company 727 Beacon Bldg Wichita, Kan	Golden seal, anise seed, charcoal, sulphur 37.5%, gentian, fenugreek
PERPHENOLATES John T Milliken & Co St Louis, Mo	Sodium phenolsulphonate, calcium phenolsulphonate, zinc phenolsulphonate, sodium perborate 18.7%
PEET PROTECTION POWDER Peet Stock Remedy Company Council Bluffs, Iowa	Fchinacea, carbonate of soda, levant worm seed sulphate soda, charcoal, bicarbonate soda, hyposulphite soda, American worm seed, blood root, sulphur
PEERLESS STOCK POWDER Peerless Stock Powder Company Falls City, Nebr	Charcoal, sulphur, sodium bicarbonate, sodium sulphate dry powder, sodium sulphate granular, sodium hyposulphite, sulphate of iron, African ginger, American worm seed, areca nut 1%, phytolacca (poke root)
P E POULTRY POWDER Eckman Chemical Company Omaha, Nebr	Sulphate soda, bicarbonate soda, sulphur, capsicum, ginger, charcoal
P E REGULAR POWDER	Sulphate soda, bicarbonate soda, sulphate iron, sulphur, charcoal, wormseed (American), areca nut 1%, sweet anise
P E SPECIAL HOG POWDER	Sulphate soda, bicarbonate soda, sulphate iron, sulphur, charcoal, worm seed (American), areca nut 1%, sweet anise, calomel (?)
P E SPECIAL HORSE POWDER	Sulphate soda bicarbonate soda, sulphate iron, sulphur, charcoal, wormseed (American), areca nut 1%, sweet anise, ginger, calomel (?)
P E SPECIAL STOCK POWDER	Sulphate soda, bicarbonate soda, sulphate iron, sulphur, charcoal, worm seed, (American), anise seed, calomel 0.002%, areca nuts 3%
PHYSIC BALLS Dr David Roberts Veterinary Company Waukesha, Wis	Aloin, oleoresin ginger, strychnine 48-100 of 1%, calomel 19%
POULTRY CHOLERA MEDICINE	Capsicum, asafoetida, rhubarb carbonate iron, Spanish brown 24%, sulphur 31%
'PORK MAKER' Miracle Remedy Company Hebron, Nebr	Sodium sulphate, sulphur, ferrous sulphate (copperas), charcoal, sodium bicarbonate, sodium hyposulphite, phytolacca (poke root) sanguinaria (blood root), belladonna 0.000411%
POM'S EVERLAY POULTRY TONIC The I A Pommer Company Topeka, Kan	Ginger, allspice, iron sulphate, epsom salts, capsicum, gentian, slaked lime 36%
POM'S GOLDEN WONDER	Calcium polysulphide, calcium thiosulphate, sulphur sugar, water 90%
POM'S WONDER RELIEF FOR DIARRHOEA	Sulphocarbonate of zinc, sulphocarbonate of sodium, sulphocarbonate of calcium
POM'S WONDER ROUF REMEDY	Potassium chlorate, cubebs, anise, licorice root
POULTRY POWDER Albert Cure & Son Atchison, Kan	Oilmeal not over 60%, fenugreek, ginger, charcoal not over 10%, red pepper, copperas, and blood meal
POULTRY POWDER Haller Proprietary Company Blair, Nebr	Grd cottonseed hulls 48%, grd shells 28%, Venetian red 10%, salt 2%, capsicum, copperas

TABLE II—CONTINUED

NAME OF REMEDY WITH NAME AND ADDRESS OF MANUFACTURER	INGREDIENTS (This column shows the ingredients as they should be shown on the label according to the application filed)
POULTRY POWDERS Heinrich Chemical Company 417 So 7th St Minneapolis, Minn	Gentian root, colombo root, sulphur, red pepper, oxide iron, copperas, charcoal, ginger, ground bone ground shell, cantharides 1-10 of 1%, screenings 63 7%
POULTRY PEP Puritan Products Company Clinton, Ill	Potassium bichromate, potassium permanganate, sodium bicarbonate, magnesia, talc, sodium chloride (salt) 62%
PEPTONIC	Potassium bichromate, potassium permanganate, sodium bicarbonate, sodium chloride (salt) 51%, magnesia, talc
POULTRY TONIC Lamprey Products Company St Paul, Minn	Gentian, sulphur, sulphate of iron, sodium chloride curcuma, capsicum, sodium sulphate, ginger, fenugreek, licorice, elecampano, anise seed, saffras, asafoetida, bone meal, oyster shell 12 2%, grain screenings 36%, sulphur
POULTRY TONIC Dr David Roberts Veterinary Company Waukesha, Wis	Cottonseed meal 37%, linseed meal 37%, corn meal 9%, licorice, fenugreek, saffras, gentian, ginger, nitrate of potash, salt, sulphate of iron, capsicum, anise, blood meal, bone meal
POULTRY TONIC Westman & Westman Topeka, Kan	Aloes, mandrake, cascara sagrada, capsicum
POULTRYZONE Albert Cure & Son Atchison, Kan	Permanganate of potash, water
PRATT'S ANIMAL REGULATOR Pratt Food Company Philadelphia, Pa	Gentian, quassia, Epsom salts, fenugreek, nux vomica (2½), fennel, sulphate of iron, ground meal, ginger, Glauber salts, charcoal
PRATT'S BRONCHITIS REMEDY	Mild mercurous chloride (calomel) 5%, antimony tri-sulphide 51%
PRATT'S CHICKEN CHOLERA REMEDY	Ginger, alum, sulphate of iron
PRATT'S COLIC REMEDY	Cannabis indica, spirits camphor, chloroform, capsicum, aromatic spirits of ammonia
PRATT'S CONDITIONER for Horses and Cattle	Gentian, quassia, Epsom salts, fenugreek, nux vomica (¾ of 1%), fennel, sulphate of iron, ground meal, salt, ginger, Glauber's salt, charcoal
PRATT'S CONDITION POWDER	Juniper berries, gentian, ginger, nux vomica 8%, fenugreek, charcoal, ground cereals
PRATT'S CONDITION TABLETS	Sulphate quinine, sulphate iron, capsicum, gentian, permanganate of potash
PRATT'S COW REMEDY	Ginger, gentian, Epsom salts, fenugreek, capsicum, nux vomica (2%), salt, bicarbonate soda, charcoal, red oxide of iron
PRATT'S DISTEMPER REMEDY	Asafoetida, nux vomica 10%, belladonna 10%, rock oil, oil of tar, glycerin
PRATT'S HEAVE REMEDY	Lobelia, juniper berries, gentian, uva ursi, ground cereals
PRATT'S HOG CHOLERA SPECIFIC REMEDY	Sulphate of iron, rhubarb, ginger, gentian, sulphur, charcoal, fenugreek, salt, ground cereals
PRATT'S HOG WORM POWDER	Pink root, wormwood 2½%, tansy, mandrake, wormseed 5%, nux vomica 1%, sulphur, bicarbonate of soda, capsicum, salt, sulphate magnesia, charcoal, ground cereals
PRATT'S GASP REMEDY	Sodium phosphate 6 7%, cinna 0 33%, white chalk 0 33%, camphor, spigelia, sugar of milk

TABLE II—CONTINUED

NAME OF REMEDY WITH NAME AND ADDRESS OF MANUFACTURER	INGREDIENTS (This column shows the ingredients as they should be shown on the label according to the application filed)
PRATT'S POULTRY REGULATOR	Red cinchona bark, gentian, sulphur, ginger, sassafras bark, cayenne, caraway, subcarbonate iron, shell meal, oxide of iron, ground cereals
PRATT'S ROUF REMEDY (powder)	Iron sulphate, bryonia, aconite 3 42%
PRATT'S ROUF REMEDY (pill form)	Iron sulphate, bryonia, aconite 10%
PRATT'S SORE HEAD CHICKEN POX REMEDY	Chichona bark, gentian, sulphurated lime, Epsom salts
PRATT'S WHITE DIARRHEA REMEDY	Bryonia, corrosive mercuric chloride (corrosive sublimate), 1-5%, bicarbonate soda
PRATT'S WORM POWDER	Wormseed, quassia, chichona, nux vomica 8 1/4%, oxide of iron, rhubarb, charcoal
PREMIUM HOG POWDER C D Smith Drug Company St Joseph, Mo	Wood charcoal, black antimony 10%, sulphur, sodium sulphate, sodium chloride, sodium bicarbonate, sodium hyposulphite
PRESCRIPTION No 40300 Scott-Lanyon Cash Drug Company Pittsburg, Kan	Cresol, rosin, creosote carbonate, coal tar, light oil distilled from coal tar, sodium hydrate, methylene blue, water
PRIEST'S EGG TONIC Priest Drug Company Clay Center, Kan	Green tartar, po capsicum, po gentian, po ginger, soda bicarbonate, flax seed meal 37%, shorts 19%, lime grit 19%, charcoal 10%
PRIEST'S HORSE TONIC	Fenugreek, po juniper berries, cream tartar, po blood root, po elm bark, po charcoal, soda bicarbonate, saltpeter, shorts 30%, flax seed meal 30%, salt, po anise seed
PRIEST'S POULTRY TONIC	Cream tartar, po capsicum carbolic acid, po asafoetida, po mandrake, po gentian, po ginger, po blood root, soda bicarbonate, po rhubarb, po columbo, lime grit 18%, charcoal 9%, flax seed meal 53%
PRIEST'S WHITE DIARRHOEA REMEDY for Chicks	Tincture ginger, tincture capsicum, tincture asafoetida, paregoric 12 1/4%, bismuth subnitrate, water 56 1/4%, pepsin comp (royal), alcohol not over 30%
PRUITT'S STOCK POWDER Dr A H Pruitt Hays, Kan	Quassia, fenugreek, areca nut 1%, sulphur, nux vomica 1%, soda bicarbonate, iron sulphate, charcoal 8%, sodium chloride 30%, shorts 48%
PRUITT'S CHOLERA & DIARRHOEA TREATMENT	Echinacea, ginger, sulphocarbolates, comp, capsicum
PRUITT'S COLIC REMEDY	Tincture ginger, tincture asafoetida, spirits peppermint, spirits turpentine, linseed oil, chloroform
PRUITT'S DISTEMPER, FEVER & COUGH REMEDY	Fld ext belladonna 6 1/4%, chloroform, tincture aconite 6 1/4%, chlorate of potash, pine tar, water
PRUITT'S GERM GET	Solution boric acid, potassium permanganate, talc, water
PRUITT'S HELP-THE-HEN-LAY	Po gentian, po black pepper, po capsicum, ground oyster shells 38%, ground pearl grit 39%, ground alfalfa meal 15%, ground bone, po asafoetida
PRUITT'S HORSE A LAX	Po gentian, po ginger, soda bicarbonate, Epsom salts, po nux vomica 1%
PRUITT'S MEDICINAL STOCK POWDER	Po buchu leaves, po caraway seeds, po cinchona bark, po fenugreek, po gentian, po ginger, po licorice, po rosin, po senna leaves, po anise seed, ground salt 60%, po capsicum, po sulphate of iron po charcoal 30% sulphur, soda bicarbonate

TABLE II—CONTINUED

NAME OF REMEDY WITH NAME AND ADDRESS OF MANUFACTURER	INGREDIENTS (This column shows the ingredients as they should be shown on the label according to the application filed)
FRUITT'S LOCO TREATMENT	Gum camphor, potassium arsenite 26 2-3%, lavender comp, potassium bicarbonate
FRUITT'S WORM POWDER (for horses)	Iron sulphate, po ginger, soda bicarbonate, sulphur fenugreek, po nux vomica 4%, po areca nut 1% salt 36%, charcoal 30%
FRUITT'S NUX-SAL-VEN	Areca nut 9%, fenugreek, quassia, sulphate of iron sodium chloride, nux vomica 5%, venetian red shorts 58%
PROTECTION CATTLE POWDER Breeders and Farmers Remedy and Supply Company Clearfield, Iowa	Sodium sulphate, sodium bicarbonate, sulphur 15% common salt 20%, charcoal 18%, American worm seed
PROTECTION SHEEP POWDER	Sodium sulphate, sodium bicarbonate, sodium hyposulphite, charcoal 12%, sulphur 11%, anise seed, American worm seed, areca nut 1½%, poke root, blood root, oxide of iron
PROTECTION HOG POWDER	Sodium sulphate, sodium hyposulphite, sodium bicarbonate, anise, sulphur 15%, American worm seed, charcoal 14%, areca nut 1%
PROTECTION HORSE POWDER	Sodium sulphate, sulphur 15%, salt 15%, hyposulphite soda, anise, cream of tartar, juniper berries saltpeter, sodium bicarbonate, ginger, fenugreek American worm seed
PROTECTION POULTRY POWDER	Sodium sulphate, sulphur 30%, ginger, fenugreek, capsicum, nux vomica 1%, gentian, copperas, bicarbonate soda, blood root, poke root
PROTECTION ROUF CHOLERA & DIARRHEA LIQUID	Potassium permanganate, copperas, water
PROTECTION WORM MEDICINE for Hogs	Santonine 1¼ gr per dose, areca nut 40%, American worm seed
RAWLEIGH'S ALL MEDICINE HOG MIXTURE W T Rawleigh Medical Company Freeport, Ill	Charcoal, sulphur, sodium chloride 19 85%, soda bicarbonate, soda hyposulphite, soda sulphate, soda phosphate, copperas, potassium nitrate, ginger, buckthorn bark
RAWLEIGH'S ALL MEDICINE STOCK MIXTURE	Fenugreek, quassia, ginger, anise seed, sulphur 17%, copperas, buckthorn, eucalyptus, gentian, soda bicarbonate
RAWLEIGH'S COLIC & BLOAT REMEDY	Belladonna root 16½%, aconite root 1 4%, capsicum, canabis Africana
RAWLEIGH'S COUGH & HEAVE REMEDY	Elecampane, licorice root, ginger, fenugreek, blood root, tartar emetic 6¼%, lobelia, capsicum
RAWLEIGH'S POULTRY POWDER	Capsicum, sulphur, copperas, quassia, ginger, fenugreek, ground bone, clam shell 15%, tankage, charcoal 20½%, middlings 24%
RAWLEIGH'S STOCK TONIC	Fenugreek, sodium chloride 13 48%, quassia, gentian ginger, capsicum, charcoal, anise seed, sulphur, soda phosphate, copperas, American worm seed, middlings 58%
RED COMB POULTRY REMEDY Thos W Southard Poultry Supply Company Kansas City Kan	Sodium sulphate, potassium permanganate, potassium chlorate, potassium dichromate, talcum powder
RED COMB POULTRY LIQUID	Sodium sulphate, potassium permanganate potassium chlorate, potassium dichromate, water 99½%

TABLE II—CONTINUED

NAME OF REMEDY WITH NAME AND ADDRESS OF MANUFACTURER	INGREDIENTS (This column shows the ingredients as they should be shown on the label according to the application filed)
RITNER'S MUSTARD BRAN T J Ritner Atchison, Kan	Mustard bran
ROCKLEDGE POULTRY TONIC Bessie B Carswell Kansas City, Mo	Iron sulphate, calcium carbonate, powdered extract nux vomica 0033%, powdered capsicum, excipients
ROESE'S CHOLERA REMEDY Alex Roese McCune, Kan	Rosin, copperas, sulphur, cayenne pepper, alum
ROESF'S ROUF REMEDY	Bone meal or po egg shells, dried blood, mustard, Lowes mineral, linseed meal, alum
ROUF PASTE (Poultry) Dr David Roberts Veterinary Company Waukesha, Wis	Cresol, paraffin, vaseline, creosote peppermint, turpentine, camphor
ROUF REMEDY Lamprey Products Company St Paul, Minn	Rouf powder Copper sulphate 4%, potassium permanganate, boric acid 66% Rouf pills Gentian, ginger, sodium hyposulphite, sodium salicylate, extract of licorice, liquor cresolis
ROUF REMEDY Stock Yards Veterinary Lab 545 Delaware St Kansas City, Mo	Tincture aconite root 1 minim in each tablet, sugar excipient q s 7 gr tablet
SAFE T KROS COUGH REMEDY American Druggists Syndicate Long Island City, N Y	Oil eucalyptus, oil of tar, fld ext yerba santa, oil sassafra, fld ext blood root (acetic), chloroform, dilute hydrocyanic acid, camphor, sugar, ammonium chloride, alcohol, water 45%
SAFE T KROS COLIC REMEDY	Ether, ethyl nitrite, alcohol, tincture opium, fld ext ginger, fld ext stramonium, water 72%
SAFE T KROS HFAV REMEDY	Po nux vomica 1 50%, po white arsenic 4 50%, po stramonium leaves, po fenugreek, po gentian root, wheat middlings 65%
SAFE T KROS LIVESTOCK REGULATOR	Po white arsenic 3-10%, nux vomica, 1 50%, po dried iron sulphate, po capsicum, po gentian, po sodium sulphate, dry, wheat middlings 52%
SAFE T KROS VERMIFUGE for Horses	Dried iron sulphate, po quassia, po aloes, wheat middlings 56%
SAFE T KROS VERMIFUGE for Dogs	Santonine 16%, calomel 8 2%, potato starch, milk sugar, talcum 76%
SALT LODE Salt Lode Manufacturing Company Baldwin, Kan	Sulphur not to exceed 40%, fenugreek, anise, American worm seed, fennel, gentian, sulphate of iron, nux vomica 2 1/2%
SAL MEDICO W R Talbott Chemical Company Sandusky, Ohio	Sodium chloride 70 1%, charcoal 10 5%, calcium carbonate, sodium sulphate, tobacco, sodium bicarbonate, granular ferrous sulphate, sublimed sulphur
SAL TONIC Guarantee Veterinary Company Sioux City, Iowa	Sulphate of iron, carbonized peat, charcoal, tobacco, quassia, sulphur, sodium chloride 87%, gentian, chloride of magnesium, Epsom salts, Glauber salts, bicarbonate of soda, oxide of iron, American wormseed, levant worm seed, capsicum
SALVAGO The Capitol Food Company Tiffin, Ohio	Table salt 62%, charcoal, copperas, sulphur

TABLE II—CONTINUED

NAME OF REMEDY WITH NAME AND ADDRESS OF MANUFACTURER	INGREDIENTS (This column shows the ingredients as they should be shown on the label according to the application filed)
SAL VET Feil Manufacturing Company Cleveland, Ohio	Sulphate of iron (re-dried), carbonized peat, charcoal, tobacco, quassia, sulphur, gentian, pure salt (No. 1 dairy) 89.88%, chloride magnesium, Epsom salts
SAL VET BRAND COW REMEDY	Fenugreek, charcoal 12.25%, sodium bicarbonate, hydrated lime 6.3%, salt 27.89%, quassia, magnesium sulphate, sulphate of iron, phytolacca, anise
SAL VET BRAND POULTRY TONIC	Sodium bicarbonate, powdered oyster shell 35% charcoal 21.5%, sulphate of iron, magnesium sulphate, sulphur, fenugreek, salt 6.95%, sodium sulphate, capsicum, anise, Spanish brown, potassium nitrate, quassia, gentian
SAL VET BRAND ROUF TABLETS	Copper sulphate 38.50%, potassium permanganate sodium sulphate, boric acid 1.98%, sodium bicarbonate, starch, talc
SAL VET HEAVE REMEDY	Potassium nitrate, salt 21.52%, hydrate lime 30%, quassia, sodium sulphate, magnesium sulphate fenugreek
SANTO WORM CAPSULES American Veterinary Supply Company 16th and Walnut Sts Kansas City, Mo	Aloin, calomel 15.5%, areca nut 15.5%, oil chenopodium, magnesium oxide, starch
SAPO Sapo Chemical Company 718 Westminster Bldg Chicago, Ill	Sodium sulphate, sodium chloride 33%, sulphur calcium oxide, magnesium oxide, sodium phosphate iron sulphate, mustard seed
SAVE THE HORSE WONDER POWDER Bernard Brothers Holton, Kan	Barnett Hog & Stock Remedy, charcoal, mandrake root, sulphur, black antimony 0.0663%
SCARLESS HOG WORM DESTROYER Scarless Remedy Company Winterset, Iowa	American wormseed, levant wormseed 7.1/2%, areca nuts 2.1/2%, anise, copperas, gentian, ginger, sulphur, charcoal, Glauber salts (dry)
SCARLESS POULTRY TONIC	Cayenne pepper, po asafetida, po fenugreek, po willow charcoal, ground prepared chalk 8.1/2%, gentian, po nux vomica 2.1/2%, po sulphate of iron, ground yellow mustard hulls 1%
SCARLESS ROUF & CHOLERA SPECIFIC	Potassium permanganate
SCARLESS STOCK TONIC	Po gentian, po ginger, po licorice, po fenugreek sulphur, rosin, juniper, berries, Glauber salts, po salt 25%, gran charcoal 12.1/2%, anise, nux vomica 2.1/2%, iron sulphate
SCARLESS VI-TONE	Iron sulphate, Epsom salts, common salt, potassium, permanganate, water 93%
SCARLESS WHITE DIARRHOEA & CHOLERA REMEDY	Borax, chloride of mercury 1% (corrosive sublimate) lime, Epsom salts, water 86%
SCIENTIFIC MINERALIZED PROTEIN for Hogs Mineral Nutrition Company Aberdeen, S Dak	Precipitated bone flour (calcium phosphate), calcium carbonate, magnesium oxide, ground rock phosphate, bone flour, meat meal 40%, bicarbonate of soda, hyposulphite of soda, fenugreek, sulphur 5% sulphate of iron, sulphate of copper, 1/2 of 1% inert seed soaked in anise oil
SCIENTIFIC MINERAL RATION for Cattle	Precipitated bone flour (calcium phosphate), calcium carbonate, magnesium carbonate, potassium nitrate bicarbonate of soda, hyposulphite of soda, gentian ginger
SCIENTIFIC HOG WORM EXPELLER	Santonine 26.1/2%, calomel 26.1/2%, aloin soda bicarbonate

TABLE II—CONTINUED

NAME OF REMEDY WITH NAME AND ADDRESS OF MANUFACTURER	INGREDIENTS (This column shows the ingredients as they should be shown on the label according to the application filed)
SCIENTIFIC FOLLOW UP POWDER FOR EXPPELLER	Salt 20%, bicarbonate soda, hyposulphite of soda, charcoal, sulphur, Glauber's salt
SECURITY CHOLERA REMEDY (Poultry) Security Remedy Company Minneapolis, Minn	Alum, sulphate of copper 1¼%, sulphate of iron, talc 3%
SECURITY COLIC REMEDY	Oil of peppermint, gum camphor, tincture capsicum, fld ext rhubarb, tincture aconite 0.00054%, tincture opium 0.0027%, sodium sulphate, sulphuric ether, turpentine, oil of tar
SECURITY CONDITION POWDER	Quassia, blood root, gentian, mandrake, slippery elm, nitrate of potassium, ginger, anise, aloes, nux vomica 6%, licorice root, fenugreek
SECURITY ROUP REMEDY	Sulphate of copper 83¼%, permanganate potash, po talc 13¼%
SECURITY STOCK POWDER	Sulphur, capsicum, salt 20%, charcoal, nux vomica 5%, gentian, ginger, anise
SECURITY POULTRY POWDER	Charcoal, capsicum, middlings, sulphate iron, ginger, sulphur, oxide iron, whiting gentian
SECURITY WORM POWDER	Sulphate iron, charcoal, Glauber's salts, salt 20% American worm seed, areca nuts 4¼%, sulphur, anise, shorts, copperas
SEELYE'S UNIVERSAL CONDITION POWDER A B Seelye Medical Company Ablene, Kan	Po gentian, po capsicum, po ginger, po fenugreek, salt 18%, charcoal, po saltpeter, po sulphate of iron, po horse medley, sulphur, po middlings 14.2%, oil meal 18%
SHEEP TONIC Dr David Roberts Vet Co Waukesha, Wis	Sassafras, gentian, fenugreek, nitrate of potash, sulphate of iron, licorice root, corn starch 20%, corn meal 20%
SIFE'S HOG CONDITIONER (Special) Sipe Conditioner Manufacturing Company Kansas City, Mo	Sulphur, carbonate soda, quassia, sodium sulphate, tobacco, iron sulphate, charcoal 22%, chloride sodium 17%, fenugreek, sodium bicarbonate, tricalcium phosphate, magnesium sulphate
SIFE'S GUARANTEED STOCK CONDITIONER	Sodium sulphocarbonate, areca nut 5%, quassia, sodium sulphate, iron sulphate, sodium chloride, charcoal 22%, iron oxide, licorice root, anise seed
SLOAN'S ANTI-COLIC REMEDY Dr Earl G Sloan Inc 500 N Commercial St St Louis, Mo	A double treatment S S and C C S S contains alcohol, chloral, hydrate capsicum, and colocynth C C contains cannabis indica 7.6%, belladonna leaves 2.3%, chloral hydrate, colocynth, capsicum, and alcohol
SLOAN'S FEVER & DISTEMPER TONIC	Aconite root 5.6%, colocynth pulp, belladonna leaves 5.6%, potassium nitrate, potassium chlorate, quinine sulphate alcohol, digitalis leaves
SLOAN'S HORSE POWDERS	Fenugreek, poplar bark, salt, flaxseed meal, caraway seed, sulphur, antimony sulphide 1.8%, nitrate potash, Epsom salt, gentian, bicarbonate of soda, ginger, charcoal
SLOAN'S WORM AND TONIC POWDERS	Poplar bark, wormwood, caraway seed, sulphur, aspidium, arsenic 2.43%
SMYSER'S SHEEP POWDER AND TONIC J W Smyser Sterling, Kan	Sulphur, charcoal, tobacco, rosin, copperas, salt not to exceed 81%
SMYSER'S STOCK POWDER	Sulphur, charcoal, rosin, copperas, salt not to exceed 85%

TABLE II—CONTINUED

NAME OF REMEDY WITH NAME AND ADDRESS OF MANUFACTURER	INGREDIENTS (This column shows the ingredients as they should be shown on the label according to the application filed)
SNODDY'S HOG CHOLERA POWDER Dr D C Snoddy Company Nashville, Tenn	Sulphur, arsenic trioxide 13½%, mandrake, sulphate soda, ferrous sulphate, charcoal, salt, sulphate soda
SNODDY REMEDY FOR HOGS & POULTRY Dr J H Snoddy Remedy Company Alton, Ill	Sublimed sulphur, copper sulphate 17.4-25%, arsenic trioxide 9.4-5%, charcoal, phytolacca, sodium sulphate, ammonium chloride, wheat middlings 17%
SODI-NUX-INE George Benoy Cedar Vale, Kan	Sodium sulphite, nux vomica 5%, quinine
SOUTHWARDS RED COMB REMEDY, Tablets Thos W Southard Poultry Supply Company Kansas City, Mo	Sodium sulphate, potassium permanganate, potassium chlorate, potassium dichromate, talcum 1%
SOUTHWARDS RED COMB REMEDY Liquid	Sodium sulphate, potassium permanganate, potassium chlorate, potassium dichromate, water 99½%
REEFER'S READY RELIEF E J Reefe Philadelphia, Pa	Zinc sulphocarbolate, calcium sulphocarbolate, sodium sulphocarbolate, sodium perborate (borax), calcium carbonate, starch, talcum, sugar
REEFER'S TONIC MORE EGGS	Iron sulphate, precipitated calcium carbonate, chlorophyl, oleoresin, capsicum, fenugreek, oil fennel, glucose, gum arabic 2.8%
SPECIAL CAPSULE Pioneer Stock Dip & Remedy Company 703 Livestock Exchange Kansas City, Mo	Santonin 33½%, sodium bicarbonate, mild mercurous chloride (calomel) 33¼%, charcoal
SPIR VIT Stock Yards Veterinary Laboratory 545 Delaware St Kansas City, Mo	Ginger root, nux vomica 12½%, gentian root, sulphur, salt 50%
SQUARE DEAL WORM POWDER Western Sales & Stock Remedy Company 100 Capital City Bank Bldg Des Moines, Iowa	Santonin, calomel, American worm seed, bicarbonate soda, aeca nuts, mandrake, sweet anise seed coppers, sulphur, fenugreek, bicarbonate soda, Glauber's salt
STANDARD CHICLRO Standard Chemical Manufacturing Company Omaha, Neb	Permanganate of potash, Epsom salts, sulphate of iron, po alum, copper sulphate 15%
STANDARD GERM FLUID Standard Chemical Company Denver, Colo	Water 88½%, Epsom salts, coppers, boric acid trace, thymol, eucalyptol, synthetic oil wintergreen, oil thyme, menthol, sodium salicylate, sodium benzoate
STANDARD HEAVE POWDER Standard Chemical Manufacturing Company Omaha, Neb	Lobelia herb, rosin weed, slacked lime 20%, anise seed, gentian root, ginger root, charcoal, fenugreek, iron sulphate, nux vomica 1.3-5%
STANDARD HOG REGULATOR	Wood charcoal, antimony sulphide 1%, levant worm seed 1%, nux vomica 1%, quassia, salt, anise seed, bicarbonate soda, sodium sulphate, hyposulphite soda, sulphur, sulphate iron
STANDARD HORSE & CATTLE REGULATOR	Anise seed, coriander seed, fenugreek seed, nux vomica 1%, bicarbonate soda, sodium sulphate, salt, iron sulphate, quassia, charcoal, ginger, sulphur, wheat screenings 25%
STANDARD POULTRY TONIC	Gentian root, ginger root, charcoal, capsicum, salt dried blood, bone meal, alfalfa, grain screenings 30%



TABLE II—CONTINUED

NAME OF REMEDY WITH NAME AND ADDRESS OF MANUFACTURER	INGREDIENTS (This column shows the ingredients as they should be shown on the label according to the application filed)
STANDARD ROLF REMEDY	Po copper sulphate 20%, permanganate of potash, po alum, magnesium sulphate
STANDARD STOCK FOOD	Caraway seed, anise seed, coriander seed, fenugreek, ginger root, capsicum, gentian root, yellow dock root, licorice root, sulphur bicarbonate soda, locust bean meal, salt, charcoal, grain screenings 45%
STALFFER DISTEMPER REMEDY Stauffer Distemper Remedy Company Indianapolis, Ind	Turpentine, sulphuric acid, asafetida, rosin, camphor gum, pine tar
STEELE'S HOG REMEDY C C Steele Sabetha, Kan	Wood charcoal, sulphur, salt, sodium, bicarbonate, sodium hyposulphite, Glauber salts, horse medley, male fern
STOCK POWDER Albert Cure & Son Atchison, Kan	Oilmeal not over 56%, copperas, fenugreek, red pepper, gentian, salt not over 20%, charcoal not over 8%
STOCK POWDER Haller Proprietary Company Blair, Nebr	Quassia, ginger, anise, licorice, charcoal, salt, copperas, St John's bread, columbo cottonseed feed 66%
STOCK POWDER Charlie Schlosser Dawson, Nebr	Oilmeal 48%, lime 11% salt 11%, sulphur, fenugreek.
STOCK TONIC Lamprey Products Company St Paul, Minn	Gentian, asafetida, sassafra, anise seed, elecampane, charcoal, licorice, fenugreek, ginger, sodium chloride, capsicum, curcuma, sodium sulphate, sulphate of iron, sulphur, grain screenings 54%
STOCK VIGOR Dr David Roberts Vet Co Waukesha, Wis	Corn starch 9%, sulphur 20%, licorice, fenugreek, sassafra, gentian, ginger, nitrate of potash, salt 10%, anise, sulphate of iron
SULPHO CARBOLATE TABLETS M B S Chemical Company Pratt, Kan	Sodium, calcium zinc, phenolsulphonates, sodium perborate
SULPHO-TRI-TERPENES C E Frazier & Co Nappanee, Ind	Sulphur and turpentine
SUNFLOWER WHITE DIARRHOEA REMEDY The Sunflower Poultry Farm Parsons, Kan	Cambium sulphate lime
SUNFLOWER STOCK TONIC The Sunflower Poultry Farm Parsons, Kan	Linseed meal 70%, flax seed meal 16%, po charcoal 8%, po ginger, po gentian
SUNFLOWER WORM REMEDY	Linseed meal 66%, po aeca nut 11 4-5%, calomel 1-5 of 1%, bicarbonate of soda 22%
SUPERIOR HOG POWDERS Superior Remedy Company Topeka, Kan	Sodium sulphate, sodium bicarbonate, sulphur, wood charcoal, American worm seed, ferrous sulphate (sulphate of iron), po quassia, shorts not to exceed 4%
SUPERIOR MEDICATED SALT	Sodium chloride 50%, sodium sulphate, sodium bicarbonate, ferrous sulphate, quassia, ginger, fenugreek, sulphur, charcoal
SUPERIOR POULTRY POWDER	Sodium sulphate, ferrous sulphate, quassia, American worm seed, African ginger, sanguinaria, fennel seed, fenugreek, sulphur, willow, charcoal, bicarbonate soda, oilmeal, red pepper
SUPERIOR STOCK POWDERS	Sodium sulphate, ferrous sulphate, quassia, American worm seed, ginger, sanguinaria, fenugreek, willow charcoal, sodium bicarbonate, sulphur

TABLE II—CONTINUED

NAME OF REMEDY WITH NAME AND ADDRESS OF MANUFACTURER	INGREDIENTS (This column shows the ingredients as they should be shown on the label according to the application filed)
"SURE SHOT" STOCK POWDER Monaroh Chemical Company Wichita, Kan	Magnesium sulphate, iron sulphate, sodium hyposulphite, sodium bicarbonate, sodium chloride 15%, sulphur 10%, charcoal 15%, areca nut po 8% American wormseed
SURETY (BRAND) HOG POWDER The McPike Drug Company Kansas City, Mo	Wood charcoal, sublimed sulphur, sodium chloride sodium bicarbonate, sodium hyposulphite, sodium sulphate, po black antimony 10%
SWINE ANTHELMINTIC John T. Milliken 217 Cedar St St Louis, Mo	Ferrous sulphate, po quassia, sodium sulphate, copper sulphate 13.7%, naphthalene, sodium chloride 22.9%, po areca nut 13.7%, horse medley 2.9%
TAPE WORM REMEDY Dent Medicine Co Newburgh, N Y	Kamala
THOMAS' IMP HOG POWDER Old Kentucky Manufacturing Company Paducah, Ky	Slacked lime, ferrous sulphate magnesium sulphate, salt
THOMAS' IMP POULTRY REMEDY	Bone meal, ferrous sulphate, magnesium sulphate sulphur, slacked lime, powdered shell
THOMAS' IMP STOCK REMEDY	Ferrous sulphate, magnesium sulphate, salt, sulphur charcoal, bran 10%
THOMPSON'S "ANTI-KOLERA" Chf S Thompson Kansas City, Mo	Cape aloes, copperas, salts (Epsom), quinine, arsenic 12.28-31%, antimony, sulphide 6.14-31%, copper sulphate 12.28-31%, sulphur
TONIC PILLS Ed F. HABERLEIN McPherson, Kan	Iron and quinine citrate
TON VERMI Security Remedy Company Minneapolis, Minn	Salt 20%, sodium sulphate, charcoal, copperas, antimony sulphide 3½%, nux vomica 5%, sulphur middlings (%)
2-4-1 TABLETS EGG TONIC Stock Yards Veterinary Lab 545 Delaware St Kansas City, Mo	Gentian root, ginger root, saltpeter, copperas
UNCLE SAM CATTLE & SHEEP MEDICINE Uncle Sam Stock Medicine Company Quincy, Ill	Tobacco, bicarbonate soda, sulphur, sulphate of iron areca nuts ½ of 1%, charcoal, sodium sulphate ginger, common salt 58%
UNCLE SAM HOG MEDICINE	Mandrake, senna, phytolacca, sodium sulphate, sulphate of iron, quassia, German worm seed 1½%, spigelia, sulphur, bicarbonate soda, charcoal, areca nuts 4.5%
UNCLE SAM HORSE & CATTLE MEDICINE	Mandrake, ginger, elecampane, senna, charcoal, fenu-greek, bicarbonate soda, sulphate of iron, sodium chloride 20%, quassia, areca nuts 2%, Epsom salt
UNCLE SAM POULTRY MEDICINE	Capsicum, ginger, sulphate of iron, Venetian red Epsom salts, charcoal, elecampane, senna tenu-greek, sanguinaria, sulphur
UNCLE SAM'S CONDITION POWDER Emmert Proprietary Company Chicago, Ill	Poplar bark, juniper berries, ginger, gentian, fenu-greek, sulphur, potassium nitrate, antimony 1% blood root, nux vomica ¼%, dairy salt 31% middlings 34%, oilmeal 7%
UNGLESS HOGGETTE Ungless Hoggette Manufacturing Company Lincoln, Nebr	Subcarbonate of iron, sulphur, copperas, Glauber's salt, bicarbonate of soda, arsenic 3%, sulpho carbonate of zinc, chlorate of potash, indigo, areca nut 20%

LIVESTOCK REMEDY LAW

TABLE II—CONTINUED

NAME OF REMEDY WITH NAME AND ADDRESS OF MANUFACTURER	INGREDIENTS (This column shows the ingredients as they should be shown on the label according to the application filed)
U H M C HORSE POWDER	Potassium nitrate, fenugreek, African ginger, sulphate iron, sodium sulphate, sulphur, sodium bicarbonate, sanguinaria (blood root), licorice root, charcoal, quassia, sodium chloride
U H M C STOCK POWDER	Fenugreek, quassia, potassium, nitrate, sodium hyposulphite, sodium chloride 15%, iron sulphate, African ginger, charcoal, oilmeal 15%, locust bean meal 5%, areca nuts 3%, wheat middlings 16%
UTILITY HOG POWDER Austin Smith Tarkio, Mo	Sodium chloride 15.87%, sodium bicarbonate, sodium hyposulphite, sodium sulphate, areca nut 4.76%, wood charcoal, sulphur, air slacked lime 15.87%
VERMI TONIC POWDER John T. Milliken Company 217 Cedar St St. Louis, Mo	Powdered quassia, ferrous sulphate, potassium nitrate, sodium sulphate, dried, sulphur, po nux vomica 5.2%, sodium chloride 22.9%, po ginger, horse medley 3.4%
VICTOR GERM ARRESTOR Victor Manufacturing Company Spring Hill, Kan	Tobacco, pine tar, merry war lye, spirits turpentine, asafoetida, carbonate iron, copperas, sulphur
VICTOR OIL	Alcohol 84%, gum myrrh, gum guaiac, hemlock oil, oil anise, cinnamon oil
VICTOR SWINE CONDITIONER	Santonin 0.32 of 1%, carbonate iron, Epsom salts, bicarbonate soda, jamaica ginger, charcoal, wheat shorts 34%, oilmeal (flax seed) 30%, sulphur, cream tartar, saltpeter, black antimony 1%, blood meal, cayenne pepper, resin
VIGOR TONE MINERAL Stock Feeders Mineral Company Kansas City, Mo	Sulphate of soda, sodium chloride 25%, sulphur, iron sulphate, bicarbonate of soda, tri-calcium phosphate, natural red iron oxide, anise oil
VITEN Sipe Conditioner Manufacturing Company St. Louis Ave Kansas City, Mo	Sulphur, carbonate soda, iron sulphate, chloride sodium 12%, tobacco, sodium sulphate, tricalcium phosphate, charcoal 24%
VERMIFUGE Dent Medicine Company Newburgh, N Y	Santonin 1-40 of 1%, wormseed oil, anise oil, turpentine, olive oil, castor oil
WALKO ROUF, CHOLERA & WHITE DIARRHOEA REMEDY Walker Remedy Company Waterloo, Iowa	Potassium permanganate, dried ferrous sulphate potassium alum, kaolin
WALKO TONIX	Sodium phosphate, nuxvomica 5%, potassium nitrate, ferrous sulphate, fenugreek, capsicum, ginger, columbo, gentian, sulphur
W & G HOG COMPOUND Fravel Remedy Company E St. Louis, Mo	Honey, eucalyptol, sassafras bark, gentian, eriodictyon, quinine sulphate, sanguinaria, balsam poplar buds, tincture citro-chloride iron, wild cherry bark, gruelia, glycerole, lobelia, white pine bark, stramonium, alcohol 15%, chloroform 3m to the fld oz, morphine acetate 1-11 gr to the oz, nitrous ether 46m to the oz, strychnine 1-175 gr to the oz, sulphur, asafoetida
WARD'S CONDITION POWDER S J Ward Sylvan Grove, Kan	Potassium nitrate, fenugreek, anise seed, rubia, ginger, gentian, sodium sulphate, horse medley 7.5%, linseed meal
WATKINS POULTRY TONIC J R Watkins Medical Company Winona, Minn	Ground shells 50.38%, wheat middlings 25.20%, sulphur, ginger, gentian, chullies, Venetian red 5.3%, cantharides 0.25%

TABLE II—CONCLUDED

NAME OF REMEDY WITH NAME AND ADDRESS OF MANUFACTURER	INGREDIENTS (This column shows the ingredients as they should be shown on the label according to the application filed)
WATKINS STOCK TONIC	Anise seed, areca nuts 0.21%, cascara sagrada, charcoal, chillies, copperas, coriander seed, elecampane, fenugreek seed, gentian, ginger, juniper berries, mandrake, oilmeal 12.87%, pumpkin seed, salt 30%, salts of tartar, wheat middlings 21.15%, bicarbonate soda, sulphur, worm seed (American)
WBA CONDIMENTAL STOCK FOOD Western Buyers Association Kansas City, Mo	Bolted oilmeal 38%, red dog 48%, fenugreek, ginger, gentian, sulphur, charcoal, anise seed, salt 8.3%
WBA POULTRY FOOD	Venetian red 6%, sodium bicarbonate, charcoal, gentian, Peruvian bark, golden seal, nux vomica 1-10 of 1%, sulphur, ginger, cayenne pepper, corn meal 90%
WILEY'S DISTEMPER REMEDY W D Wiley Liberal, Kan	Sulphur 20%, turpentine, pine tar
WOLF'S EGG MAKER Wolf Chemical Company Quincy, Ill	Capsicum, ginger, sulphur, charcoal, alum, cysco grit 27 3/4%, Venetian red, sodium bicarbonate, sodium chloride, sodium sulphate, calcium oxide, nux vomica 0.2%, sulphate of iron
WOLF'S LIQUID POULTRY TONIC	Potassium permanganate, alum, water
WORM EXPELLER Wichita Livestock Remedy Company Wichita, Kan	Sodium bicarbonate, santonin 0.9%, areca nut 5%, calomel 7%
WORM KIL Stock Yards Veterinary Lab 546 Delaware St Kansas City, Mo	Arsenic 1.851%, copperas areca nut 29.620%, salt 59.259%
WORM POWDERS Heinrich Chemical Company 417 S 7th St Minneapolis, Minn	Copperas, tartar emetic, red pepper, ginger, worm seed, salt, screenings 56.49%
WORM POWDER Dr David Roberts Vet Co Waukesha, Wis	Gentian, nitrate potash, sulphate of iron, quassia, licorice root, fennel, malefern, corn meal 25%, corn starch 25%, tobacco
WORM REMEDY Ed F Haberlein McPherson, Kan	Fld ext of pinkroot and senna
WORM-X-IT Stock Yards Vet Lab 546 Delaware St Kansas City Mo	Santonin 6.86%, copperas, gentian root, anise seed, locust bean, arsenic 45-100 of 1%
WRIGHTS HOG HEALTH Farmers & Manufacturers Remedy & Supply Company 829 Southwest Blvd Kansas City, Mo	Salt 25%, Glauber's salt, nux vomica 5%, Venetian red, charcoal, fenugreek, poke root, blood root, sodium bicarbonate, copperas, sodium hyposulphite, po tobacco, sulphur, worm seed (Amer), areca nuts 3 3/4%
YOUNG'S KIDNEY & NERVE POWDERS Springfield, Mass	Senna, uva ursi, poplar bark 14%, fenugreek, spearmint, juniper berries, buchu, valerian root (or nerve root), licorice root, black pepper, cleavers, American worm seed

