

Tonsillitis, * * * Croup, Sinus, Ear Trouble, and all Diseases of the Air Passages * * * and all Inflamed or Diseased Conditions of the Skin when Applied Externally. * * * To treat Throat or Lungs.— * * * To prevent itching * * * In dealing with Chronic Diseases of the Air Passages results are guaranteed only when the complete Catarrhal outfit is used."

On February 1, 1933, no claimant having appeared for the property, judgments were entered ordering that the products be destroyed by the United States marshal.

R. G. TUGWELL, *Acting Secretary of Agriculture.*

20576. Misbranding of sheep powder, hog powder, mineral compound, drenching powder, and fox mineral. U.S. v. 20 Bags of Sheep Powder, et al. Consent decrees of condemnation. Products released under bond to be relabeled. (F. & D. nos. 28228 to 28232, incl. I.S. nos. 23413 to 23416, incl., 23418. S. no. 6078.)

Examination of the drug preparations involved in these cases disclosed that the articles contained no ingredients or combinations of ingredients capable of producing certain curative and therapeutic effects claimed in the labeling.

On April 27, 1932, the United States attorney for the District of Oregon, acting upon a report by the Secretary of Agriculture, filed in the District Court of the United States for the district aforesaid libels praying seizure and condemnation of 20 bags of sheep powder, 250 bags of hog powder, 160 bags of drenching powder, 100 bags of mineral compound, and 120 bags of fox mineral, remaining in the original unbroken packages at Portland, Oreg., alleging that the articles had been shipped in interstate commerce, in part on or about October 27, 1931, and in part on or about February 23, 1932, by the Economy Hog & Cattle Powder Co., from Shenandoah, Iowa, to Portland, Oreg., and charging misbranding in violation of the Food and Drugs Act as amended.

Analyses of samples of the articles by this Department showed that the sheep powder consisted essentially of a mixture of sodium sulphate, calcium carbonate, charcoal, sulphur, sodium bicarbonate, calcium phosphate, and ground plant drugs including kamala and tobacco; that the hog powder consisted essentially of sodium sulphate, sodium bicarbonate, sulphur, calcium carbonate, calcium phosphate, and charcoal; that the drenching powder consisted essentially of sodium sulphate, sodium bicarbonate, and charcoal; that the mineral compound consisted essentially of sodium sulphate, sodium bicarbonate, calcium carbonate, sulphur, charcoal, and calcium phosphate; and that the fox mineral consisted essentially of sodium sulphate, calcium carbonate, calcium phosphate, sodium bicarbonate, sulphur, charcoal, and small proportions of ground plant drugs including kamala and chenopodium.

It was alleged in the libels that the articles were misbranded in that the following statements regarding the curative and therapeutic effects of the said articles were false and fraudulent: (Sheep powder, leaflet) "Worms, parasites, gastritis and enteritis are among the chief enemies of Sheep and have caused a death toll that runs into the tens of thousands annually. Special attention should be given to the treatment of these troubles both as to their prevention and cure. Economy Sheep Powder is a tonic * * * blood purifier, a worm expeller, and as an aid to digestion, * * * we believe that in Economy Sheep Powders, we have found an article that is a preventive for most ailments that Sheep are heir to. We believe that in order to grow sheep profitable and successfully that Economy Sheep Powders are invaluable. Gastritis And Enteritis—This is a most deadly disease. Many veterinarians and Live Stock Men do not know the nature and realize the danger of this disease. Gastritis means inflammation of the stomach. Enteritis means inflammation of the intestines. Some of the fattest animals may become afflicted with this disease and when they do, death soon follows. The symptoms of this disease are lack of appetite or a variation of appetite, which is often followed by diarrhoea and if not checked will cause death. Treatment * * * After the bowels have been thoroughly cleansed, continue the above dose every other day until evidence of the disease disappears. * * * until the animal's stomach and intestines are healed. You must not feed corn or whole rye or barley until you know that your animal has fully recovered his health. * * * Filth and unsanitary conditions are the factors that produce this disease and practically all other diseases. In treating for these troubles, separate your flock and treat those of a size separately. Prevention—As a prevention of this deadly disease, use one pound of Economy Sheep Powders

twice each week in the feed for every 1000 pounds of live weight of Sheep.

Worms—Worms are the cause of a big per cent of the sickness and death of Sheep. A sheep infested with worms will not grow and thrive and the feed given to a worm infested Sheep is wasted. **Treatment**—Feed one pound of Economy Sheep Powder to every 1000 pounds of live weight of Sheep every day for three days. * * * In treating for worms, separate your flock so you can treat those of a size separately. Better results are obtained by doing this. **Thrifty Lambs**—Are insured when the ewe has had access to Economy Sheep Powders. The ewe will give an increased flow of milk where the Powder is fed. **Wool**—Economy Sheep Powders will improve the wool both in quantity and quality. Tests made with the Powder, has proven that wool clipping can be increased from one-half to one pound. The reason is because the Sheep is healthy and thrifty. **Catarrh (Snotty Nose)**—Where Economy Sheep Powder is fed regularly with equal parts salt, this trouble will be relieved. * * * **Forage Poisoning**—Sheep on the range come in contact with different kinds of weeds that are often poisonous. When Economy Sheep Powder is kept before the Sheep regularly it assists nature in throwing off these poisons and prevents this trouble in most every case. **Bloating**—There is more or less danger of bloat when Sheep are running on clover and alfalfa. Thousands of dollars are lost annually from this trouble alone. The Powders contain four different sodas and charcoal which expels and absorbs the gases in the stomach. In extreme cases of bloat drench with one-fourth pint of regular Economy Drenching Powders in a quart bottle filled with warm water and properly dissolved. * * * If you find any sick sheep in your flocks take them away from the flock at once and put into pens and treat them separately"; (hog powder, envelope) "If You Expect Results From These Goods You Must Follow the Enclosed Directions * * * Save Your Hogs"; (hog powder, leaflet) "Save Your Hogs * * * Tens of thousands of satisfied customers will gladly tell you how they save their hogs and make money by feeding Economy Stock Powders. * * * For Worms: In feeding for worms, it is important that the stomach be empty, in order to get the full benefit of the worm seed. Worms absorb nutrition and will always receive the full benefit from the worm seed when fed on an empty stomach. Where your hogs or pigs are not badly infested with worms feed two feeds as above outlined, one each day, then skip a day, and on the fourth day give half a feed in with the regular feed, but in case your pigs have been neglected and are full of worms, and their condition has become chronic we advise the following method which is a sure way to bring results. In cases where pigs become badly infested with worms, a feed or two of Mineral Powders will not do the work without feeding too heavily, which may cause bad results. A sure way to expel worms in pigs after they are weaned, (which is the bad period) is to feed one pint of Mineral Powders to 1,000 pounds of live weight of pork for ten consecutive days. * * * and you will have no trouble in getting the worms. Thumps are caused by thick, heavy blood, lack of exercise, and the proper amount of sunshine. Thumps can be quickly relieved by taking all feed from your pigs and giving them a very thorough cleansing out. Give about a pint to every ten or twelve pigs, weighing from twenty-five to thirty pounds. Where pigs are on the mother sow and have the thumps, give the mother a feed heavy enough to loosen her bowels and make them very free. * * * help the Mineral Powders do their work. **Lung Trouble**:—Do not mistake lung trouble for thumps. Where you have lung trouble, the flank of the pig or shoat will quiver and jerk, while thumps are caused more by clogging of the air way in the throat. One is in the throat and the other in the lungs. * * * **Note**—If you have Sick Hogs, write us, giving full particulars, symptoms and actions of your herd, and we will outline a specific treatment for you. **Gastritis and Enteritis**:—This is a most deadly disease. Many veterinarians and live stock men do not know the nature and danger of this disease. Gastritis means inflammation of the stomach. Enteritis means inflammation of the intestines. Some of the fattest animals sometimes are afflicted with this disease and death soon follows. The symptoms of this disease are lack of appetite or a variation of appetite, which is often followed by diarrhoea. Both sheep and hogs are affected by this disease; sometimes cattle, especially the baby beef cattle that are put on a long time feed. **Treatment**: * * * feed one pound of Economy Mineral Powders to every 1,000 pounds of live weight of hogs or sheep. * * * After the bowels have been thoroughly cleansed, continue the above feed as suggested every other

day until evidence of the disease disappears, after which use the Mineral Powder twice a week. * * * You must feed sparingly and carefully until the animal is thoroughly relieved in his stomach and intestines are healed. You should take heed to this statement because this is the most serious, and most dangerous, period with the animal, and the overfeeding of the animal at this stage will often produce death. * * * Directions for Cattle * * * Clover bloat and corn stalk disease are a dread to the feeder in their season and cause the loss of many dollars that can be saved by the feeding of Economy Mineral Powders. Directions for Stock Cattle * * * This will give relief in alfalfa and clover bloat, and help to keep your cattle thrifty and in good condition. Many feeders claim it actually prevents this trouble. Scours in Calves:—* * * You can get relief by this treatment. For any information regarding disease or trouble you may have with your stock, write us and we will give immediate reply, as we are constantly studying the domestic animal and its diseases, and we will give you any information possible. * * * Directions for Horses Horses often run down and get into a dilapidated condition caused by over work, foul stomach, indigestion and worms. Economy Mineral Powders will aid digestion. * * * for Colic:—Dissolve one pint of Economy Mineral Powders in a quart of hot water and drench with an ordinary drenching bottle, * * * If relief is not obtained within one hour's time, repeat the feed. Directions for Sheep * * * For Worms:—Feed one pound a day for every 20 head for eight to ten days, then decrease to regular feed. * * * White Scours in Pigs This disease affects young pigs from a few days to two or three weeks old and is characterized by severe intestinal discharges. These discharges are white in color and have a very offensive odor. White scours is the result of an acid condition of the milk, which is transferred to the little pigs. The only way to treat this trouble is through the mother. It should be fed at the rate of one-half pint to every 500 pounds of the hog meat, sufficient to cause a thorough cleansing of the mother sow. The sow should be given one feed a day for two days, then regularly twice every week. * * * These Mineral Powders are made to prevent disease, rather than to cure, but if your animals get sick, diagnose the trouble and follow the directions for that particular trouble. In case you do not get results, write us;" (mineral compound, leaflet) "Economy Cattle Powders are valuable for cattle on high feed. They are made to keep the stomach sweet and the sodas help to keep the gas out of the stomach and makes a better pond of fluid in the stomach. You will notice when you feed them that you will have no belching up of the feed. Your steers will not burn or stick as some people call it. Continual and prolonged heavy feeding causes carbonic gas to form in the stomach and this causes fever which cooks up the digestive fluid, which is very essential for good digestion and to keep the animal's digestive tract in good condition. Gas and fever in the stomach are unquestionably the greatest enemy of cattle feeders. Economy Cattle Powders are a great aid in this particular. Many of our customers claim that they have been worth hundreds of dollars to them for this purpose alone. The Economy Cattle Powders stimulate the secretive cells of the stomach, makes them more active in producing more of the digestive fluid for the stomach and keeps the stomach sweet, strong and healthy causing the digestive organ to perform its proper function so that when the food reaches the last or assimilative stomach, the animal will extract 10% to 15% more of the nutritious qualities from the feed. Economy Cattle Powders will pay for themselves several times over, not only in the saving of grain, but by causing good digestion and will shorten the feeding period and also give a soft velvet finish which will attract the high price of the market. * * * There is more or less danger to cattle running in stock fields, on clover and alfalfa and a little protection by way of a Conditioner and gas Expeller often means many hundred's of dollars saved to the owner. Economy Cattle Powders have proved that they are an aid in keeping cattle healthy from corn stalk disease, clover bloat, and in general the common troubles and diseases that worry stockmen can be warded off in a great measure by the little protection given by the use of Economy Cattle Powders. Now, let us talk confidentially to you. We don't cure these diseases but Economy Cattle Powders have proven in a great percentage of cases where used, to be a preventive and a little protection to you may save you many dollars in losses. The object, of course, is to keep the animal's digestive organs in good condition, the stomach sweet, the blood pure, and of course then the resistance will be stronger and the vitality will be much stronger also and

your animal will be in better shape to ward off any of these troubles * * * This will expel gases from the stomach, keep the blood cool and the stomach sweet * * * This will give you as good a preventative as is now known. For any information regarding diseases or trouble, you may have with your stock, write us and we will give immediate reply as we are constantly studying the domestic animal and its diseases, and we will give you any information possible.”; (drenching powder, envelope) “If You Expect Results From These Goods You Must Follow the Enclosed Directions * * * Save Your Hogs”; (drenching powder, leaflet) “For use in cases of all kinds of badly deranged stomachs, impaction, clover bloat, corn stalk diseases, and all other troubles where quick relief is required. Remember In Stubborn Cases The Dose May Be Enlarged. In milder cases, it may be reduced. * * * For cattle For impaction, clover or alfalfa bloat, badly deranged stomach caused by dispeptic conditions, * * * For, Calf Scours, * * * In bad cases of scours * * * Cows at calving time For after birth. When cows do not clean within one or two hours, use one (1) pound of Drenching Powder in warm water and drench. If results are not obtained within from three to four hours, repeat the dose. Garget For garget, use the same dose and administer in the same way as for clover and alfalfa bloat. Administer the same dose every other day until relief is obtained. * * * This Trouble Must Be Treated In Its Very First Stages. Otherwise no relief can be had. * * * Corn stalk disease For corn stalk disease in cattle and horses, use same dose as for bloat. Horses In cases of colic, founder, asteria, or impaction, drench with one and one-half (1½) pound Drenching Powder. Where relief is not had within an hour, repeat the dose. Exercise the animal gently until relief is had. Sheep * * * In cases of impaction or bad stomach in grown sheep, * * * Hogs—Old brood sows For constipation, fever and badly deranged stomach”; (fox mineral, leaflet) “Economy Fox Mineral * * * For use as a Vermifuge for periodical worming feed eight (8) ounces for forty (40) Foxes for three days, omitting the cereal feed mornings, then resume the general feeding directions.”

On December 22, 1932, the Economy Hog & Cattle Powder Co., Shenandoah, Iowa, having appeared as claimant for the goods and having consented to the entry of decrees, judgments of condemnation were entered and it was ordered by the court that the products be released to the said claimant upon payment of costs and the execution of good and sufficient bonds, conditioned that they should not be sold or disposed of until relabeled so that they comply with the Federal Food and Drugs Act and all other laws.

R. G. TUGWELL, *Acting Secretary of Agriculture.*

20577. *Adulteration and misbranding of tincture of aconite. U.S. v. Sharp & Dohme, Inc. Plea of nolo contendere. Fine, \$600. (F. & D. no. 28048. I.S. nos. 8985, 27828, 28191.)*

This case was based on three interstate shipments of tincture of aconite that was represented to conform to the standard of the United States Pharmacopoeia. Tests of the article showed that one lot had a potency of less than one third of the pharmacopoeial requirement, and that the other two lots had a potency of less than one half of the requirement.

On December 21, 1932, the United States attorney for the Eastern District of Pennsylvania, acting upon a report by the Secretary of Agriculture, filed in the District Court of the United States for the district aforesaid an information against Sharp & Dohme, Inc., a corporation, Philadelphia, Pa., alleging shipment by said company in violation of the Food and Drugs Act, on or about January 7, 1931, from the State of Pennsylvania into the State of New Jersey, and on or about March 3, and April 4, 1931, from the State of Pennsylvania into the State of New York, of quantities of tincture of aconite that was adulterated and misbranded. The article was labeled in part: “Tincture Aconite U.S.P.X. Standard (Tinctura Aconiti) * * * Biologically Standardized Note:—Tr. Aconite U.S.P.X. shows marked deterioration with age. To overcome this 1-100 of one percent of acid has been added to this product. * * * Sharp & Dohme Baltimore-Philadelphia.”

It was alleged in the information that the article was adulterated in that it was sold by a name recognized in the United States Pharmacopoeia, and differed from the standard of strength, quality, or purity as determined by the test laid down in the said pharmacopoeia, official at the time of investigation, since the pharmacopoeia provides that tincture of aconite, when administered