

Hookworm Vaccine For Dogs

The U. S. Department of Agriculture (USDA) licensed a new vaccine for preventing hookworms in dogs—the first hookworm vaccine to be marketed anywhere in the world.

Officials of USDA's Animal and Plant Health Inspection Service (APHIS) acting under the Virus-Serum-Toxin Act of 1913, licensed

the vaccine to Jensen-Salsbery Laboratories, Division of Richardson-Merrel, Inc., Kansas City, Mo. Licensing was based on data submitted by the company that showed the vaccine to be pure, safe, and effective. Supplies of the vaccine may be limited, APHIS officials said, until the manufacturer is in full

production.

The license authorizes manufacture of the vaccine for one year, after which the license can be renewed. Conditions for renewal require the manufacturer to:

--Give two reports during the year on any unfavorable results following use of the vaccine by practicing veterinarians;

--Conduct further evaluations of the vaccine in the field;

--Restrict final distribution to veterinarians.

The vaccine requires special handling and vaccination involves certain precautions on the part of the veterinarian. The precautions include the need to treat puppies already suffering from a mild infestation of parasites including hookworms with specific drug at the time of vaccination. In fact, if puppies are severely infested, vaccination should be delayed until two or three weeks after other treatments are given. Vaccination is done by injecting the vaccine under the skin of puppies three weeks of age or older, with a repeat dose two to four weeks later.

To prepare the vaccine, hookworm larvae are exposed to ionizing radiation, causing them to be infertile and unable to complete their life cycle—thus posing no material harm to vaccinated dogs.

Hookworms attach to the intestinal lining of their victim to suck blood resulting in anemia and diarrhea. Severe infestations cause stunted growth and possible death if not properly treated.

A Cool Cake For The Summer Season



Here's a really unique idea in cake making that you'll enjoy trying this summer. Starting from a white cake mix, this chilled-in-the-refrigerator cake is adorned with a chocolate-syrup-glazed "checkerboard" top (created with the tines of a fork), and features attractive chocolate marbling when the cake is cut for serving.

Chilled Checkerboard Cake

1 package (18.5 ounces) white cake mix
Chocolate Syrup Sauce

(recipe follows)
Chocolate Syrup Whipped Cream (recipe follows)

Prepare cake mix as directed on package. Pour into a well-greased and floured 13x9x2-inch pan. Bake at 350° for 30 to 35 minutes; cool in pan 15 minutes. Carefully pierce cake in pan with fork to depth of cake making parallel rows about 1-inch apart, covering both length and width of cake. Spoon Chocolate Syrup Sauce over warm cake allowing the mixture to flow into holes and completely glaze top. Chill in refrigerator several hours or overnight. Serve with a dollop of Chocolate Syrup Whipped Cream or frost with your favorite chocolate frosting.

Chocolate Syrup Sauce

1 envelope unflavored gelatin
1/4 cup cold water
1/2 cup boiling water

1/2 cup sugar
1 cup canned chocolate flavored syrup

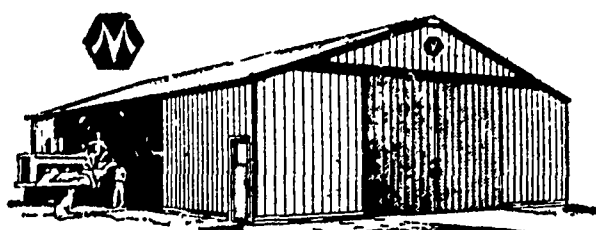
Sprinkle gelatin on cold water in medium bowl to soften. Add boiling water and stir to completely dissolve gelatin. Add sugar and blend well; stir in chocolate syrup. About 2 cups sauce (entire amount is used on cake).

Chocolate Syrup Whipped Cream

1 cup whipping cream
1/2 cup canned chocolate flavored syrup

2 tablespoons confectioners' sugar
1/2 teaspoon vanilla

Combine whipping cream, chocolate syrup, sugar and vanilla in small mixer bowl. Whip until mixture holds peaks. About 2 1/4 cups topping.



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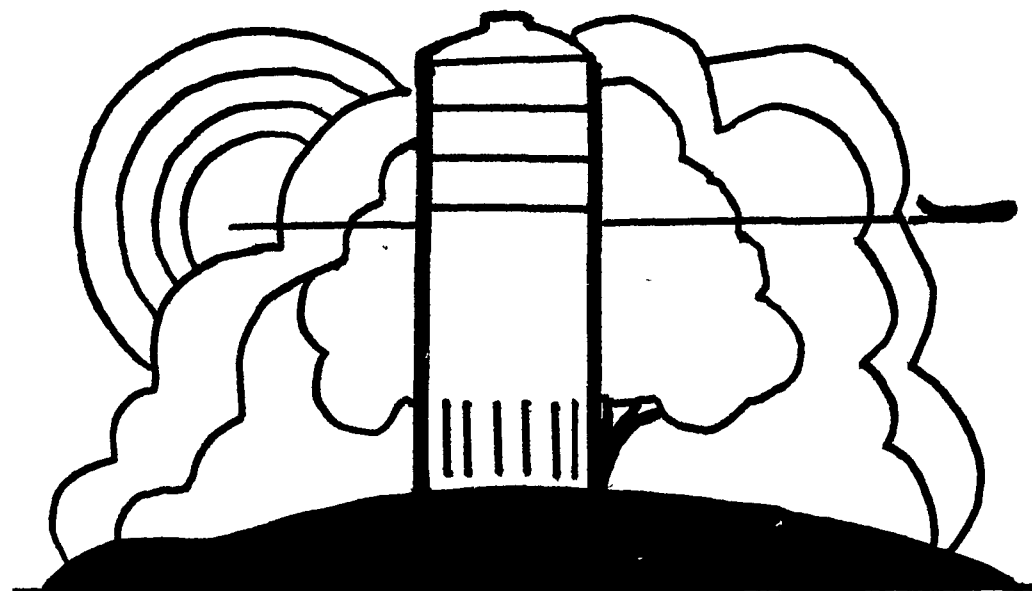
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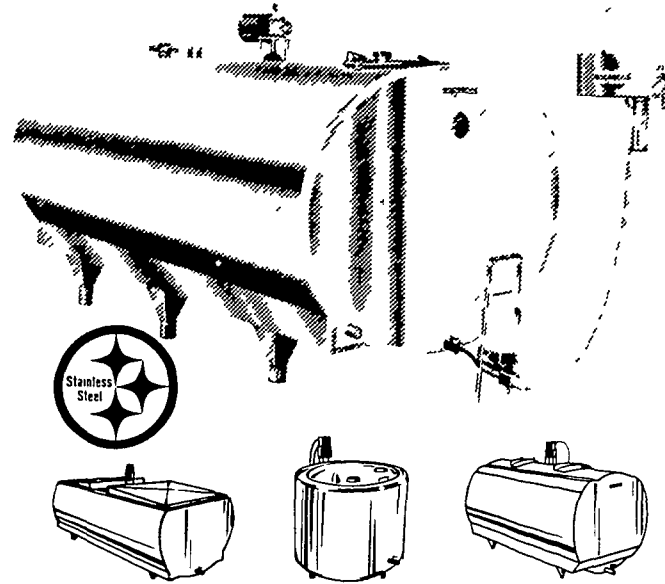
I believe in farming as a way to live and make a living.
I believe in the dignity of my work. I want no man's patronage, preaching or pity
I believe in my soil. It will reward me in proportion to the thought, labor and love I give it
I believe in myself. My success depends on me more than weather, luck or laws
I believe in my neighbors. My community, like my soil, returns to me as I give to it
I believe in cooperation, in thinking for myself and acting with my fellows
I believe that only a united agriculture can insure justice and prevent inequality.
I believe in education. The more I know the greater my ability to seize opportunities and to be happy.
I insist that my children be enabled to learn to be useful, intelligent men and women.
I believe in conservation. I will leave a better farm than I took
I believe that living is the most important job in the world and I mean to plan my work so that my family and myself will have the time and means to enjoy life.
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