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USDA Releases Ex ming Drug Certificat ock feed con to the animals was with the regulations of

Feedstuffs Washington Bureau Administration, and (3) the

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FDA Begins Program to Find PCB Levels in Feed, Milk, Eggs

Feedstuffs Washington Bureau

WASHINGTON — The Food & Drug Administration has embarked on a program to determine the *level of* polychlorinated biphenyls (PCBs) in foods, Dr. Albert C. Kolbye, deputy director of FDA's Bureau of Foods, told a special PCB meeting sponsored by the National Institute of Environmental Health Sciences.

Following the PCB in feed program, FDA will further evaluate PCBs in milk by collecting milk for both bottling and manufacturing use on a nationwide basis. Specific attention will then be given to PCBs in shell eggs, Kolbye said.

He explained that if FDA finds the frequency of PCB contamination in the nation's food supply increases, the present working guidelines, or levels at which FDA takes regulatory action, will be substantially lowered for PCB residues. Current working levels for PCB residue findings are based on specific occurrences of "accidental" contaminations. They are 5 ppm. in edible portions of fish, 5 ppm. on a separate fat basis for poultry, 0.2 ppm. in whole milk (5 ppm. in the fat). Action has been taken against animal feeds and whole eggs associated with the east coast terminal incident involving PCB-contaminated fishmeal at the 0.5 ppm. level. Kolbye explained that these levels should not be construed as guidelines permitting consumption of foods containing these amounts of PCB.

The FDA official termed it "significant that no PCBs have thus far been reported in fresh fruits and vegetables, that PCBs are found in fish quite frequently, that in addition to poultry, PCBs are also found in milk and eggs and that PCBs have now been found in various food commodities, apparently as the result of migration from their packaging components. At this point, he noted, the significance of these findings has not been determined.

"We know that as a toxic substance, PCBs are a potential but not immediate health hazard, and that their environmental background level is not high. We do not know how long-term exposure to PCBs might affect human health, and we cannot yet explain the inconsistent presence of the chemical in certain areas of the environment. We have been fined recently with PCB adulteration of foods from accidental sources and from untraceable environmental sources. The exact routes of contamination are subject to speculation," he said.

As far back as August 1969, FDA's Baltimore District found an adulterant identified as PCB in five of 12 milk samples from West Virginia. Followup investigation showed that PCB was commonly used as a heat transfer agent in electrical capacitors in the area from which the milk samples were collected. It was eventually concluded that the apparent misuse of the transformer fluid containing PCB for defoliant

(Turn to FDA, page 42)



MOORMAN AWARDS YOUNG SWINE PRODUCERS — Moorman Mfg. Co., Quincy, Ill., awarded each winner in the 4-H swine program a $700 scholarship during the national 4-H Congress in Chicago. The winners are (from left): Phil Andrew, Evansville, Wis.; Gerald Young, Damascus, Md.; Kathi Hansell, Athena, Ore.; R. B. Hulsen, Moorman president; David Worrell, Winchester, Ill.; Janet Peterson, Carmel, Ind., and

, 2 (below) both con-
DA requirements for
ion. NADCC members
sed to use the format which
suits their particular requirements.

NADCC format 1 consists of two portions. Both are designed to be used in conjunction with one another. The top portion is for use by producers. The bottom portion is a separate certificate for use by marketing agents, buyers and others. The format 1 producer form gives the user the option to market his animals in less than seven days. He must however, specify on the form the exact date the animals were withdrawn from DBS. This will allow the next owner or handler to determine how many more days the animals must be held in order to meet the seven day withdrawal requirement. The format 1 bottom certificate contains or makes reference to the availability of information required by the meat inspector at time of slaughter. Marketing groups using this bottom form in conjunction with the top producer form are assured, *moreover, that these producer certificates* contain the required information. As such, the marketing agent form conceivably may be passed on to the inspector by the packing plant personnel.

Format 1 — Producer Certificate

In marketing (number)
(cattle/hogs/poultry/sheep on (date)
() I certify that all drugs and feed additives (for diethylstilbestrol (DES) see below) received by the animals listed in my possession have been used in conformity with the feed or drug manufacturer's dosage directions and withdrawal times as required by Food &

(Turn to USDA, page 42)

Growth of Dairy Co-ops Predicted

ATLANTA — More dairymen will be *organizing into cooperatives in the* future because co-ops seem to have a significant impact on government agencies and officials, the president of Dairymen, Inc., said at that cooperative's annual meeting here.

John A. Moser, Louisville, Ky., said cooperatives can "establish and carry out an effective government relations program." Greater emphasis needs to be placed on the decisions made by Congressmen, he said "The role which Congress plays in agriculture has a direct bearing on the economic status of dairy farmers," he added.

Dairymen, Inc., with a membership of 9,600 in three midwestern and *nine* southern states, was formed in 1968.

Growth in Southwest I Occuring in Existing F

DALLAS — The 1971 growth in beef production of the 11th Federal Reserve District, which includes the southwestern states, was due mainly to the greater utilization of existing feedlots.

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Caprio has joined the firm as vice president with over-all responsibility in marketing. Worthington produces zymes for research.

WESTERN ALFALFA COR Kansas City — Errol Dill ha promoted to district sales Windsor, Colo. He is the sales of all pro Windsor, Eaton, P Venango, Neb firm since

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42 —— FEEDSTUFFS, Jan. 8, 1972

FEEDSTUFF CLASSIFI

Address orders or keyed ad

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USED MACHINERY

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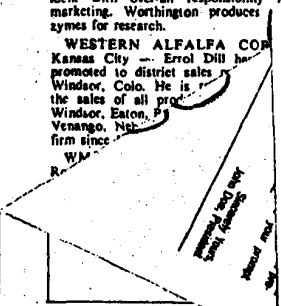
OUR CLIENT COMPAN People with various degrees, ... periences for agribusiness. C confidence. We are members ... al Employment Association. Services, Inc., 2301 Como ... 80067, St. Paul, Minn. 55108. 646-2779.



Dehy Convention Topics Announced; Headquarters Moved

MIAMI BEACH, FLA. — The 30th annual convention of the American Dehydrators Assn. has been scheduled for Jan. 24-28 here.

Topics to be covered at the sessions on Jan. 26 and Jan. 27, include air pollution and a review of the Midwest Research Institute air pollution survey of the dehy industry; the Occupational Safety & Health Act; export and world markets and marketing and dehy research.

The program on Jan. 28 will feature Dr. Frank Goodwin, professor emeritus, college of business administration of the University of Florida, Gainesville, speaking on the problems of dealing with people.

Following the convention, some members will depart on a seven day Caribbean cruise.

The association also announced that its headquarters in Kansas City have been moved to the Marley Bldg., 5800 Foxridge Dr., Mission, Kan., 66202. Mission is a suburb of Kansas City. #

Buffalo Strike Ends

BUFFALO — A two-week strike by 176 scoopers who unload grain from ships here has ended. The scoopers, represented by Local 109, International Longshoremen's Assn. (AFL-CIO), ratified a new two-year labor agreement at a membership meeting.

Contents of the new pact were not disclosed. #

FDA

(Continued from page 4)

spraying operations adjacent to dairy pasturage was responsible for the milk contamination.

Fish Meal Contamination

Last July 16, Monsanto Chemical Co. informed FDA that large amounts of fish meal may have been contaminated with PCB (aroclor 1242) during pasteurization of fish meal at the East Coast Terminal, Wilmington, N.C., where PCB was used as the heat exchange fluid. Three days later, the U.S. Department of Agriculture told FDA that Holly Farms Poultry Industries, North Wilkesboro, N.C., had discovered PCB in its broilers, resulting from an investigation to determine the cause of reduced hatchability in broiler breeder flocks. The firm's investigation implicated the fish meal as the causative agent. Continuing FDA investigation indicated the leak began on April 30 and continued through July 16. Approximately 16,000 tons of fish meal were shipped during that period. Individual fish meal samples contained 14-30 ppm. PCB.

East Coast Terminal recalled outstanding stocks of fish meal July 21 and approximately 1,500 tons were returned. Sampling of poultry for PCB residues was begun promptly by USDA, which determined that no lots of broilers were found exceeding the 5 ppm. interim guideline for PCB residues. Followup sampling on eggs was started Aug. 3. As of Sept. 29, 224 samples of eggs had been checked in the follow-up with 71 containing residues over 0.5 ppm. (range 0.6 to 4.2 ppm.)

FDA seized five shipments of fish feeds in Louisiana, Georgia and Mississippi that contained 0.6 to 4.5 ppm. PCB. Eleven samples of catfish which had been fed the contaminated feed contained PCB residues within the 5 ppm. guideline, ranging from 0.3 to 3 ppm. In addition, the agency seized a shipment of the contaminated fish meal from East Coast Terminal that had not been recalled and contained in excess of 350 ppm. PCB.

Since November 1969, FDA has analyzed all raw agricultural commodities sampled under the pesticide surveillance program for PCBs as well as pesticide residues. Over 17,000 samples have been collected and analyzed. In the past 18 months, 684 samples of fish, cheese, milk, shell eggs and fish byproducts, out of 3,505 samples of these commodities, positive for PCBs

USDA

(Continued from page

Drug Administration (FDA) regul () I certify that these animals, possession, have not received additives.

() I certify that these animals possession () were not fed DE fed DES in conformity with the manufacturer's dosage directio withdrawn from feed contain (date)——

Signed
Address

Format 1 — Marketing Agent in marketing (number) cattle/sh I certify that I have in my pos cate(s) or evidence of such a compliance with USDA regulatio (B) (1 or 2) showing that the were not fed DES; or () were drawn from feed containing D ance with FDA regulations. () I that these animals were not fed my possession.

Signed
Address

NADCC's Format 2 d Format 1 in that it leaves t no option in marketing hi sheep fed DES in less than prior to date of shipment. A new mandatory certificatio allows producers to ship pri days withdrawal, some NA bers feel it would in the ind interest to stress a prog would give the producers o tion withdraw for at least then ship. Format 2 utilizes date in the producer certifi point of date reference to agents and other middle-m This date reference meets w USDA regulation.

In the marketing agent p mat 2, the wording gives sp tion that the animals were w least seven days prior to spe ments (i.e., those dates spec certificates the marketing on record from producers).

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