

New Products and Equipment . . .

Two Kojic Acid Derivatives

Two kojic acid derivatives, chlorokojic acid and kojyl palmitate, are available in research quantities from Chas. Pfizer.

Chlorokojic acid (2-chloromethyl-5-hydroxy- γ -pyrone) is a stable intermediate which may be useful as a route to compounds which cannot be formed directly from the parent kojic acid, including such possibilities as pharmaceuticals, dyestuffs, insecticides, and antifungal and antimicrobial agents, it is said. The fungicidal properties of certain metal chelates of chlorokojic acid suggest their use in agricultural disease control, as mildewcides and fungicides in paints, water treatment, paper processing, and textile finishing.

Kojyl palmitate (2-palmitoxymethyl-5-hydroxy- γ -pyrone) has potential uses in the removal of trace metals from nonaqueous media.

Experimental samples and technical data are available from Dept. A&F, Chemical Sales Division, Chas. Pfizer & Co., Inc., 630 Flushing Ave., Brooklyn 6, N. Y.

Nabam for Control of Rust in Durum Wheat

Du Pont offers a nabam fungicide formulation for control of rust in durum wheat. Called Parzate, the formulation has been registered with USDA, and FDA has established a residue tolerance of 1 p.p.m. for nabam in wheat. In North Dakota tests, it was used at the rate of 2 quarts per 100 gallons of spray and applied at the rate of 20 to 25 gallons per acre, in a schedule of two to four treatments.

Address: Dept. A&F, Product Information Service, Du Pont Co., Wilmington, Del.

Industrial Sprays

Larvacide Products, Inc., has announced introduction of a line of non-hazardous sprays and spray concentrates for industry and for grain protection.

The line, formulated with pyrethrins and activators, includes L-P industrial spray (a knockdown oil base spray for general purpose use), Servacide (specially effective for hidden insects because of enhanced vapor irritant action), and L-P mist concentrate (for fog and mist blowers). For treatment of grain for long time protection against insect infestation,

Larvacide has developed a protectant formulation sold as Larva-Tectant.

Address: Dept. A&F, Larvacide Products, Inc., 117 Liberty St., New York 6, N. Y. or 1515 3rd St., San Francisco, Calif.

Vitamin and Antibiotic Preparation for Poultry

A poultry preparation combining Aureomycin and vitamins for addition to drinking water or feed is being marketed by American Cyanamid. It can be used for growth promotion or, at higher levels, for disease treatment. The preparation contains Aureomycin, niacin, riboflavin, calcium pantothenate, and vitamins B₁₂, A, and D.

Address: Dept. A&F, American Cyanamid Co., 30 Rockefeller Plaza, New York 20, N. Y.

Fly Repellent

McLaughlin Gormley King Co. announces its fly and mosquito repellent has been accepted and registered under provision of the Miller Bill for use on dairy cattle and in dairy barns. Called MGK repellent 11, the butadiene derivative is said to have residual effect for at least 72 hours. It was developed by Phillips Petroleum, and MGK is operating under a license in marketing it.

Address: Dept. A&F, McLaughlin Gormley King Co., 1715 5th St., S.E., Minneapolis 14, Minn.

Process for Coloring Oranges

Commonwealth Engineering Co. of Ohio announces availability of a process for coloring oranges without use of a coal tar dye. The process, available for licensing, involves extraction of the carotene yellow pigment from waste citrus fruit rind from juicing operations.

Address: Dept. A&F, Commonwealth Engineering Co. of Ohio, 1771 Springfield St., Dayton 3, Ohio.

Proportioning Panel Records Formulas on Punch Card

An automatic, electronically controlled proportioning system automatically records formulas and weighings on a summary punch card by means of a recording device interlocked with the action of the panel, according to an announcement from the Richardson Scale Co.

The system combines the automatic

proportioning features of a Richardson Select-O-Weigh control system with an IBM printing summary punch. Information is transmitted from the Select-O-Weigh system by means of Richardson digitizing equipment, which digitizes individual weighing and sends the information to an IBM type 526 summary punch.

The new feature permits the user of such equipment to process billings, maintain inventory control, and keep similar valuable records of weighing and proportioning by processing punched cards through an IBM business machine.

Address: Robert Jehlen, Dept. A&F, Richardson Scale Co., Van Houten Ave., Clifton, N. J.

Citrus Fungicide

Dowicide A-Hexamine is being offered by Dow Chemical to fruit wholesalers and retailers for control of stem-end rot and blue mold of citrus. Recent tests in the New York market area, conducted by USDA, showed that fruit treated in the solutions had only 0.3% total decay while untreated citrus had as high as 12.6% decay.

Address: Dept. A&F, Product Information Service, Dow Chemical Co., Midland, Mich.

Du Pont Offers Vapam

Du Pont announces it is offering vapam soil fumigant for control of weed seedlings, certain soil insects, fungi, and nematodes. It is recommended as a pre-planting treatment for soil in plant propagation beds, in new turf areas, and in fields for ornamental plants.

Address: Dept. A&F, Product Information Service, Du Pont Co., Wilmington, Del.

Amino Triazole Introduced Commercially in Cotton Belt

American Cyanamid is introducing amino triazole commercially this summer for cotton defoliation and re-growth control. Amino triazole is said to hold back new plant growth, as well as to defoliate the plant, thus extending the harvest period. According to Cyanamid, addition of small amounts of it to other water-soluble defoliant permits reduction by as much as one half the dosage of the other defoliant required.

Address: Dept. A&F, American Cyanamid Co., 30 Rockefeller Plaza, New York 20, N. Y.