

New Products and Equipment...

CDEC Herbicide

Vegadex is the tradename Monsanto has chosen for its new weed-killer, 2-chloroallyl diethylthiocarbamate. Vegadex, also referred to as CDEC, has been registered by USDA for use against annual grasses and broad-leaf weeds in crops such as greens, cole crops, beans, garden beets, salad crops, and corn. It is said to be most effective in light or sandy soils. Tested for the past three years, by experiment stations, canners, frozen food packers, and other commercial growers, it was found to be highly effective for controlling crab grass, foxtail, chickweed, henbit, and purslane.

Further information is available from Dept. A&F, Monsanto Chemical Co., St. Louis 4, Mo.

EPTC Herbicide

An experimental herbicide for pre-emergence use against grassy weeds and many broad-leaf weeds is announced by Stauffer Chemical. Called EPTC, it is ethyl N,N-di-n-propylthiolcarbamate. In field tests, it was found that alfalfa, corn, carrots, tomatoes, sugar beets, and clover were resistant to it. Field testing is to be continued with it this year.

Further information is available from Dept. A&F, Stauffer Chemical Co., 380 Madison Ave., New York 17, N. Y.

Soil Sterilant

Chemical Insecticide Corp. is introducing Chem-Vape, a formulation of sodium methyl dithiocarbamate, for treatment of soil to control weeds, nematodes, and soil-borne insects and diseases. The company says it can be used in seed beds of cauliflower, cabbage, eggplant, lettuce, ornamentals, strawberries, tobacco, tomatoes, and other crops. Among its advantages, listed by the company, is that Chem-Vape leaves the soil in a short period of time permitting treated areas to be planted in the same season.

For further information, write Dept. A&F, Chemical Insecticide Corp., 129 Montague St., Brooklyn 1, N. Y.

Lecithin

Spencer Kellogg & Sons, Inc., announces it will distribute its own production of lecithin under the tradename Kelecin. It will be available in three grades of plastic lecithin—natu-

ral, bleached, and double bleached—and in three similar grades as liquid lecithin.

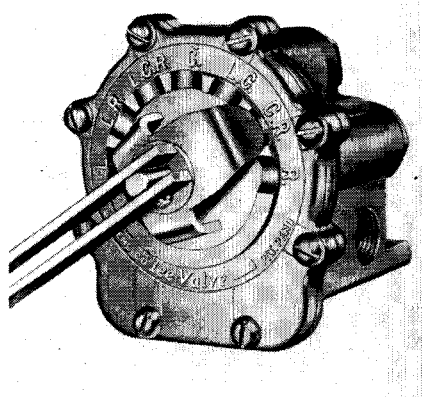
Lecithin is used as an antioxidant and as an emulsifying and antisetling agent. Further information and specifications are available by writing Dept. A&F, Spencer Kellogg & Sons, Inc., Buffalo 5, N. Y.

Research Quantities of Gibberellins Available

Chas. Pfizer announces it will offer research quantities of gibberellins to a limited number of investigators.

The growth regulating substances (AG AND FOOD, November 1956, page 907) are produced by fermentation methods. Experimental evidence to date indicates that gibberellin sprays result in a doubling and even tripling of linear growth within a few weeks.

Further information is obtainable from Dept. A&F, Chas. Pfizer & Co., Inc., 630 Flushing Ave., Brooklyn 6, N. Y.



Valve by Spraying Systems Co. permits farmer to control separately each boom of sprayer from position on tractor

Valve For Selective Control of Boom Sprayers

A valve that permits control of the three sections of a standard spray boom from the tractor is offered by Spraying Systems Co. Called the Tee-Valve, it has seven settings for controlling the center, left, or right section of the spray boom or any combinations of these three sections. There is also an outlet for an auxiliary spray gun, and connections for a pressure gage and a pressure relief valve are provided.

More information is in Bull. 84, available from Dept. A&F, Spraying Systems Co., 3252 Randolph St., Bellwood, Ill.

Niacin

Cowles Chemical is offering a feed grade niacin, produced by a new process involving catalytic air oxidation. This B complex vitamin is widely used to fortify animal and human foods. More details can be obtained from Dept. A&F, Cowles Chemical Co., 7016 Euclid Ave., Cleveland 3, Ohio.

Fertilizer for Acid Soil

Nutro Soil Corrector, a combination of plant food elements with neutralizing qualities for acid and mineral deficient soils, is being introduced for the home and garden market.

Further data are available from Dept. A&F, Smith-Douglass Co., Inc., Norfolk, Va.

Tritium-Tagged Estradiol

New England Nuclear Corp. announces availability of estradiol-6,7- H^3 17-B-acetate. The use of tritium as the radioactive tag has made possible a specific activity of 7 mc. per mg. at which level as little as 10^{-4} γ can be traced. Tritium-labeled diethyl stilbestrol is also available from stock. More data are available from Dept. A&F, New England Nuclear Corp., 575 Albany St., Boston 18, Mass.

FTE with Boron, Manganese

A fritted-trace-element product that contains 2.8% boron and 4.8% manganese is announced by Ferro Corp. Labeled FN-513, it is recommended by the company for use as a fertilizer additive in quantities ranging from 30 to 50 pounds per ton. It is said to be slowly soluble, thus making it safe to use on growing crops.

Additional information is available from Dept. A&F, Ferro Corp., 4150 E. 56th St., Cleveland, Ohio.

Soil Test Instrument

An instrument that enables farmers and county agents to make accurate and quick soil tests has been announced by Chicago Apparatus Co.

The instrument is a pocket-size pH meter which tests the relative alkalinity or acidity of any material. Made by Beckman Instrument Co., the meter operates on small batteries. Careful sample preparation is not necessary, it is claimed. Further information can be obtained from Dept. A&F, Chicago Apparatus Co., 1735 N. Ashland Ave., Chicago 22, Ill.