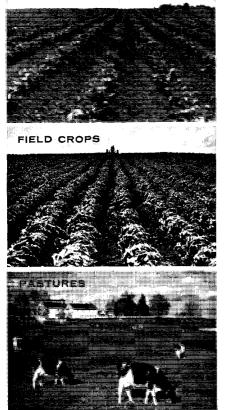


VEGETABLES



where trace elements are needed . . . FTE® can improve your results

Because FTE is *fritted*, and slowly soluble on a controlled, predetermined basis, it supplies minor nutrients to plants all through the growing season, eliminates usual toxicity hazards, gives growers healthier growth and bigger yields.

And because FTE contains all six trace elements, *all* available as needed, it corrects secondary soil deficiencies that often show up when the first has been remedied. This makes your fertilizers *more predictable*, more consistently effective.

You need only 1% to 1½% of FTE in your mix for most soils and applications. And users are eliminating many of their "special" blends for specific crops. Yes, FTE can *improve your results*—in plant growth, and in *profit*.



FERRO CORPORATION Agricultural Division 4150 East 56 Street • Cleveland 5, Ohio

LITERATURE AVAILABLE

Centrifugal Separators. Eight pages on a series of Westfalia centrifugal separators for purifying and dehydrating oils and fats. Ask for Bull. No. 2480 from Dept. A&F, CENTRICO, INC., 75 W. Forest Ave., Englewood, N. J.

Boom Control Valve. Restyled and improved line of boom control valves, for pressures up to 300 p.s.i., is being marketed under trade designation of Delavan 9000 Series Select-A-Spray. Four models will be available to fit all inlet, bypass, and outlet requirements. Two cap screws permit simple, sturdy mounting to the spray rig. For catalogs or additional information, write to Dept. A&F, DELAVAN MANUFACTURING Co., West Des Moines, Iowa.

Automatic Batch-Weighing. Bulletin describes a new system of batchweighing bulk materials for use in multi-ingredient product formulation. Said to be capable of accuracy within $\pm 0.25\%$ of calibrated range, and of reproducibility within one part in 2000, the system can batch-weigh two, three, four, or more ingredi-ents-in programmed sequence, in any desired proportions. Once programmed, operation is fully automatic. For each ingredient, system provides net-weight indication, batch-weight set, tare adjustment, hopper fill and discharge signalling, and other controls. Detailed information is available in Bulletin 30 from Dept. A&F, WEIGHING & CONTROL COMPONENTS, INC., 647 East County Line Road, Hatboro, Pa.

Carbon-14 Radiochemicals. Supplementary price list covers four new carbon-14 labeled radiochemicals. Of interest in research on plant growth regulators is 4-(2,4-dichlorophenoxy) butyric-1-C¹⁴ acid. Useful in the chemistry of fatty acids is tripalmitin (glyceryl-1,3-C¹⁴). Chemists working with hydrocarbons may be interested in 1-butene-1-C¹⁴ and hexamethyl-C¹⁴ benzene. Prices and complete C¹⁴ radiochemicals catalog are available from Dept. A&F, RESEARCH SPECIAL-TIES Co., 200 South Garrard Blvd., Richmond, Calif.

Slurry Pump. Bulletin describes company's Oliver diaphragm slurry pump capable of metering slurries with up to 60% solids at a controlled volume accuracy within $\pm 2.0\%$. Compressed air operation eliminates motor, stuffing box, and leaky packing; no delicate adjustment is required, and there are no high speed moving parts to wear. Flow volume can be varied from 0 to 180 GPH at pressures up to 90 p.s.i. by remote control electric timer or unique electrical probe mechanism. Request Bulletin 1158 from Dept. A&F, MILTON ROY Co., 1300 E. Mermaid Lane, Philadelphia 18, Pa.

Size-Reduction Equipment. Fourpage bulletin on the Tornado mill and model 43-B oscillating granulator. Complete specifications are listed. Copies of Bull. No. 350 are available from Dept. A&F, F. J. STOKES CORP., 5500 Tabor Road, Philadelphia 20, Pa.

Chlorinating Agents. Twenty-one pages summarize methods and types of reaction in which company's products are most advantageously used for chlorination. Physical properties and literature references listed. Ask for Tech. Bull., No. 328-B from Dept. A&F, HOOKER CHEMICAL CORP., Niagara Falls, N. Y.

Continuous Weighing. Bulletin on pneumatically controlled belt (stream) weigher for continuous weighing of dry materials such as fertilizer at low to medium rates. Photographs and detailed dimension drawings included. For a copy of Bull. Ref. No. 36.20-1, write to Dept. A&F, B-I-F INDUSTRIES, INC., 345 Harris Ave., Providence, R. I.

Car Shaker. Leaflet describes advantages of $3^{-1}/_2$ -ton car shaker for fast, economical unloading of granular materials from open, hopper-bottom gondola cars. Copies of leaflet 26B9438 are available on request from Dept. A&F, ALLIS-CHALMERS, Milwaukee 1, Wisconsin.

Dry Processing Equipment. Eightpage booklet gives information on air separators, blenders, mixers, Micronizer fluid energy grinders, impact grinders, other crushing and milling machines, dens, elevators, granulators, screens, and other machinery and accessories. Illustrated with photographs, flowsheets, tables, and graphs. Request 1960 dry processing catalog from Dept. A&F, STURTEVANT MILL Co., 123 Clayton St., Boston 22, Mass.

Stabilizer for Liquids. Stabilization of liquid fertilizers is subject of new technical data sheet. Booklet of

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