

# New Products and Equipment . . .

## Sprayer

Fabricated Metals, Inc., is producing a high-clearance, self-propelled, adjustable-width sprayer. It was designed for and with the cooperation of Lauren D. Anderson of the University of California Experiment Station at Riverside.

The 75-gal. sprayer can be used for experimental and commercial applications of insecticides, fungicides, herbicides, defoliant, and liquid plant foods. It can also be used as a duster.

It is propelled by a diesel tractor that consumes 1.5 gal. of diesel fuel per day's work.

Some of the other features of this sprayer are: wheel widths adjustable from 60 to 96 in. by one man; agitated spray tank; 12-gal. agitated mixing tank; independent gasoline engine for pump operation; 6-gal./min. high pressure piston pump; hydraulically controlled spray boom; single swivel nozzles that can be set at any angle; row-crop shields on all wheels; and safety-guarded chain drives.

Write Dept. A&F, Fabricated Metals, Inc., 2400 Merced St., San Leandro, Calif.

## Iron Chelate on Vermiculite

Geigy Agricultural Chemicals, division of Geigy Chemical Corp., announces the availability of Sequestrene NaFe iron chelate on vermiculite.

This new formulation provides Sequestrene iron chelates in convenient form for correction of iron deficiency (chlorosis) in citrus, ornamentals, turf, and agricultural crops growing in acid soils. It contains 5% iron as metallic.

The company says its product is granular, free-flowing, and dustless. It does not adhere to foliage, and there is no danger of burn. It may be used alone, or is easily mixed with fertilizer.

Contact Dept. A&F, Geigy Agricultural Chemicals, P. O. Box 430, Yonkers, N. Y.

## Fungicides

Aceto Chemical Co. is offering pentachloronitrobenzene for use as a soil fungicide. It is supplied as a 100% active powder and, properly formulated, can be applied in transplant, row, and broadcast planting. PCNB protects crucifers against club root and black root; vegetables against such diseases as damping off, mold, and scab; and ornamentals against

stem rot, bulb rot, and flower blight. PCNB is compatible with most other pesticides. It controls many of the important soil-borne diseases and there is no evidence of deleterious effect on beneficial microflora of the soil.

Aceto Chemical is also offering dehydroacetic acid (sodium salt) for use as a fungicide for strawberries.

Further information may be obtained by contacting Dept. A&F, Aceto Chemical Co., Inc., Flushing, N. Y.

## Fertilizer Additive

Calunite Corp. is introducing Alunite Complex, a mineral mined from volcanic deposits in the West, to fertilizer manufacturers for blending with standard fertilizers. It is said to improve the yield and quality of crops, the physical properties of the fertilizer, and soil tilth.

Alunite Complex is said to contain calcium, magnesium, aluminum, iron, copper, zinc, molybdenum, manganese, potassium, sodium, boron, sulfur, and phosphorus as oxides, and traces of other minerals as silicates.

Further information is available from Dept. A&F, The Calunite Corp., P. O. Box 626, Pomona, Calif., or 1429 Route 22, Mountainside, N. J.

## Fungicide for Control of Fruit Diseases

Development of a fungicide formulation which controls such fruit-growing diseases as apple scab and cherry leaf spot has been announced by Corona Chemical Division, Pittsburgh Plate Glass Co.

The new product, known as Glyoxide Dry, is said to be the first wetttable powder fungicide having mite-suppressing action on apples. The clean, white, free-flowing micronized wetttable powder contains 75% active ingredient. A low dosage rate makes it desirable for use in concentrated spray applications, the manufacturer says.

Glyoxide Dry is compatible with most of the commonly used organic insecticides and fungicides, and its spreader-sticker action often increases the effectiveness of the other spray chemicals with which it is used. Its mite-suppressing action, in some instances, completely eliminates the need for miticide applications.

Field testing by experiment stations has proved that Glyoxide Dry provides positive disease control of

apple scab and cherry leaf spot from early precover sprays right up to harvest time.

For more information, contact Dept. A&F, Pittsburgh Plate Glass Co., 632 Fort Duquesne Blvd., Pittsburgh 22, Pa.

## Air Scrubber

Western Precipitation Corp. announces the availability of the Turbulaire-Doyle air scrubber, which was developed by Consolidated Smelting & Refining for use in its own operations.

Said to be unusually efficient, this scrubber operates upon a high velocity impingement principle. Each inlet duct contains a concentric cone positioned just above the fluid level. The cone increases the velocity of incoming gases, causing them to reach maximum velocity just as the gas meets the scrubbing fluid and forcing the dirty gas and dust particles deep into the liquid for wetting and cleansing.

This unit can be used to clean gases from dryers, crushers, screens, and other operations where gas-scrubbing equipment is applicable. It can also be used to cool and humidify gas in fertilizer manufacturing operations which require cool, moist gases for proper processing.

Among the advantages claimed are: low installation cost, noncorrosive construction, low power requirements, and low maintenance cost due to absence of moving parts.

The company has a 500-cu.-ft./min. test unit for use in applications where pilot plant studies are indicated.

Further information can be obtained from Dept. A&F, Western Precipitation Corp., 1000 W. 9th St., Los Angeles 54, Calif.

## Brewers Yeast

A low-cost fraction of autolyzed brewers yeast is now available to the fermentation industry in commercial quantities from Amber Laboratories, Inc.

The new 300 series Amber BYF is a free flowing powder rich in peptones, peptides, and amino acids; it contains more than 8% total nitrogen, over 30% of which is amino nitrogen. The 100 series contains more than 9% total nitrogen, of which at least 35% is amino nitrogen.

Detailed information and samples are available from Dept. A&F, Amber Laboratories, Inc., 3456 N. Buffum St., Milwaukee 12, Wis.