

services. Involved in the reorganization, which is expected to take place around the first of the year, are the present department of entomology, the shade tree laboratory, the seed laboratory, arboriculture, plant pathology, and all members of the experiment station and extension staffs having primary responsibility as plant pathologists or botanists. A head for the department has not yet been selected, but detailed plans call for various sections with a leader.

ASSOCIATIONS

Weed Society Sets Dates To Stress Basic Research

Fundamental research in weed control is to be the theme of the second meeting of the Weed Society of America. The meeting will take place Jan. 13 through 15, 1958, at the Hotel Peabody in Memphis, Tenn. The Southern Weed Conference, host to the Weed Society, will meet on Jan. 16 at the same place.

MWSIC Merges with NPFI; Beers to Be Midwest Director

A plan under which the activities of the Middle West Soil Improvement Committee of Chicago will be merged into the program of the National Plant Food Institute was approved by the Institute's Board of Directors, meeting at Atlanta, Ga., on Nov. 1.

John A. Miller, president of NPFI, said that the Middle West Soil Improvement Committee, of which Zenas H. Beers is executive secretary, will serve as the Midwest regional office of NPFI with headquarters in Chicago, effective Jan. 1, 1958.

Members of the Middle West Soil Improvement Committee voted in favor of the plan at a meeting in Chicago on Oct. 31.

The Midwest regional office will be one of four regional offices established under the NPFI's expanded program in the field of research and education. The Midwest regional office will cover Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin.

"It is the intention of the Institute to carry on the good work previously conducted by the Middle West Soil Improvement Committee and, in addition, the Institute expects to expand the Midwestern program through greater financial support," Mr. Miller said. "Among the many activities that

will be conducted will be the annual meeting with Midwestern agronomists," he promised.

Award Founded for Scientific Aids to Vegetable Growing

An award has been founded to stimulate major scientific contributions to the growing of vegetable crops for processing. Campbell Soup Co. is donor of the award, which will be administered by the American Association for the Advancement of Science. It is to be given for the first time this year and annually thereafter. The recipient of the award will receive \$1500 in cash and a bronze medal.

Eligible studies must be related to the production of vegetables, including mushrooms, and be in the fields of horticulture, genetics, soil science, plant physiology, entomology, plant pathology, or other similar scientific areas. The research work must pertain to production of raw vegetables for processing purposes rather than to the processing of these crops. Scientific contributions will be considered, provided they have been published, or accepted for publication, in a recognized scientific journal not more than two years prior to the granting of the award. Candidates must be residents of the U. S. or Canada.

Nominations for the award are to be made directly to a member of the award committee. Members are: Louis P. Reitz, chairman, G. J. Haeusler, Sterling B. Hendricks, Iver J. Johnson, F. C. Stark, Jr., G. Ledyard Stebbins, Jr., and E. E. Wilson.

NPFI Sponsors Study of Method to Predict Fertilizer Use

A research project to develop methods for estimating regional and national demand for plant food, one and two years in the future, has been established by the National Plant Food Institute and will be conducted by the North Carolina Agricultural Experiment Station under a grant from NPFI.

R. A. King will be project leader for the study, and Wilson Riggan will be his research assistant.

"The project has been prompted by the need of the fertilizer industry for some reliable basis for projecting demand to be used in planning production and sales programs," Dr. Russell Coleman, NPFI executive vice president, points out.

"There is reason to believe," Dr. Coleman said, "that the factors influencing the demand for fertilizer

today are much more complex than in the recent past. For instance, prior to World War II, fertilizer consumption tended to follow very closely the trend in farm income. In recent years, however, farm income as such seems to have had less influence although it undoubtedly is still a factor."

Dr. King hopes to be able to evaluate all of the various factors which influence trends in fertilizer consumption, and to develop a formula which will make possible at least short-term projections of demand. The study will consist of a thorough examination of previous work in this field, an exhaustive evaluation of available data, and an attempt to construct appropriate models on the basis of this information for estimating future fertilizer consumption trends.

Chemical, Biological Control Of Pests on AAAS Program

Control of plant and animal pests by chemicals and genes is to be reviewed and discussed at the annual meeting of the American Association for the Advancement of Science. The symposium on biological and chemical control of plant and animal pests will take place on Dec. 28 through 30 at the Washington Hotel in Indianapolis, Ind. It will be divided into four parts—recent advances in chemical control measures, recent advances in biological control measures, inherent resistance to pests, and problems related to and consequences of biological and chemical control measures. Over 20 nationally prominent scientists will appear on the program.

PEOPLE

NPFI Appoints Regional Directors for Expanded Program

Richard B. Bahme, R. L. Beacher, and Samuel L. Tisdale have been appointed to open regional offices for the National Plant Food Institute's expanded program of research and education. Dr. Bahme, formerly manager of technical development for Pacific Guano at Berkeley, Calif., will have headquarters in San Francisco. Dr. Beacher, former agronomy professor at the University of Arkansas, will direct the Southwestern regional program from his present headquarters at Fayetteville, Ark. Dr. Tisdale, formerly director, soil testing division, North Carolina Department of Agriculture, will direct the Southeastern regional program. His headquarters will be at Atlanta, Ga. The Midwest

News of the Month

office, in Chicago, will be headed by **Zenas H. Beers** (see page 903).

James E. Nall, former director of staff departments for Standard Fruit & Steamship Co., has been elected vice president and general manager of Virginia-Carolina's fertilizer division.

Ivor R. Burden, executive vice president of United-Heckathorn, has been elected president of Western Agricultural Chemicals Association. The new vice president is **Thomas S. Castle** of A. L. Castle Co.

Hugo Riemer, president of Allied's Nitrogen Division, has been elected chairman of the sponsoring committee of the Future Farmers of America Foundation. He will direct fund raising activities for the foundation's awards program.

Howard L. Sanders, vice president and treasurer of Commercial Solvents, has been named president of Northwest Nitro-Chemicals, Ltd., the Canadian fertilizer materials affiliate of CSC. Sanders succeeds **Thomas L. Brook**, who has resigned to resume full-time duties as board chairman of New British Dominion Oil Co.

Joseph E. Moore has been appointed research chemist for Calspray. Dr. Moore was previously with USDA.

William G. Hewitt of Berkeley, Calif., has been elected president of the California Fertilizer Association. Other officers elected recently are: **Howard H. Hawkins**, vice president; **M. M. Stockman**, treasurer; and **Fred R. Bryant**, secretary. Elected to three-year terms on the board of directors were: **Fred R. Bryant**, **Frank Easton**, **D. W. Galbraith**, and **John N. Williams**. Honored as the industry's "man of the year" at the recent convention was **R. L. Luckhardt** of Brea.

Henry C. Spruth, former manager of Bioassay Laboratories, has been named head of agricultural farm research at Abbott Laboratories. He will supervise all experiments on the company's research farm near Mundelein, Ill. The company's chemical and agricultural research is directed by **Marlin T. Leffler**.

Grant Cline has been promoted to manager for eastern Washington by Pacific Agro Co.

E. J. Miller has retired from his

post as head of the department of agricultural chemistry at Michigan State University. Succeeding him will be **R. Gaurth Hansen**, who was formerly professor of biochemistry at the University of Illinois.

Lorin R. Stelzer has been appointed research entomologist for California Spray-Chemical at Richmond, Calif.

William P. Utermohlen, Jr., has been appointed director of research for Velsicol Chemical. He has been assistant research director for the Toni Division of Gillette Co.

Gaither T. Newman has been named to succeed **Vernon T. Gornto** at Smith-Douglass Co., in charge of safety and industrial insurance. He will also serve as labor relations representative. Gornto recently retired.

C. Bruce Lyon, Rohm & Haas research director, and **Paul S. Armstrong**, retired general manager of Sunkist Growers, have been appointed to the 11-man agricultural research policy committee of USDA.

James L. App has been named Midwest agronomist for Virginia-Carolina Chemical Corp. He will be located in Dubuque, Iowa.

R. E. Lehnkuel has been put in charge of production for American Agricultural Chemical's newly acquired plants at Danville, Ill., and Seymour, Ind. Replacing him as production superintendent at the National Stockyards, Ill., plant is **R. T. Green**, who was assistant superintendent at the Fulton, Ill., plant.

DEATH

Alfred J. Liebmann, president of Schenley Research Institute, died Oct. 11 a few hours after being struck by a taxicab in Manhattan. Born in Zurich, Switzerland in 1885, he received a B.S. from Technische Hochschule and a Ph.D. in chemistry from the University of Zurich. He came to the U. S. as a research chemist for General Electric in 1909. After returning to Europe for a year in 1911, he again came back to the U. S., as general manager and director of the Independent Lamp & Wire Co. From 1921 to 1926, he was again with GE. He joined Schenley in 1933 as technical director and head of research. In 1942 Dr. Liebmann helped organize Schenley Research Institute, which pioneered in the commercial production of penicillin. His chief fields of interest were fermentation, antibiotics, and distillation.

Spray Nozzle Reference Data | *Years FOR THE ASKING*

TEEJET SPRAY NOZZLES
with choice of over four hundred interchangeable orifice tips. Every type of spray pattern. Write for Catalog 30.

TEEVALVE
selector valve for booms with spray selection in shut-off position. Write for Bulletin 84.

GUNJET SPRAY GUNS
for pressures up to 800 p.s.i. Interchangeable tips for every use. Bulletins 65, 69 and 80.

BOOMJET SPRAY NOZZLES
spray up to 66 feet wide for broadcast spraying with one nozzle. Bulletins 66 and 71.

PRESSURE RELIEF VALVES
dual spring assembly for low and high pressures... write for Bulletin 83.

SUCTION STRAINERS
withdraw liquid within 1" of drum bottom. Write for Bulletin 85.

AND FOR ACCESSORIES OF ALL KINDS—CATALOG 30.
SPRAYING SYSTEMS CO., 1151 Randolph St., Bellwood, Ill.

