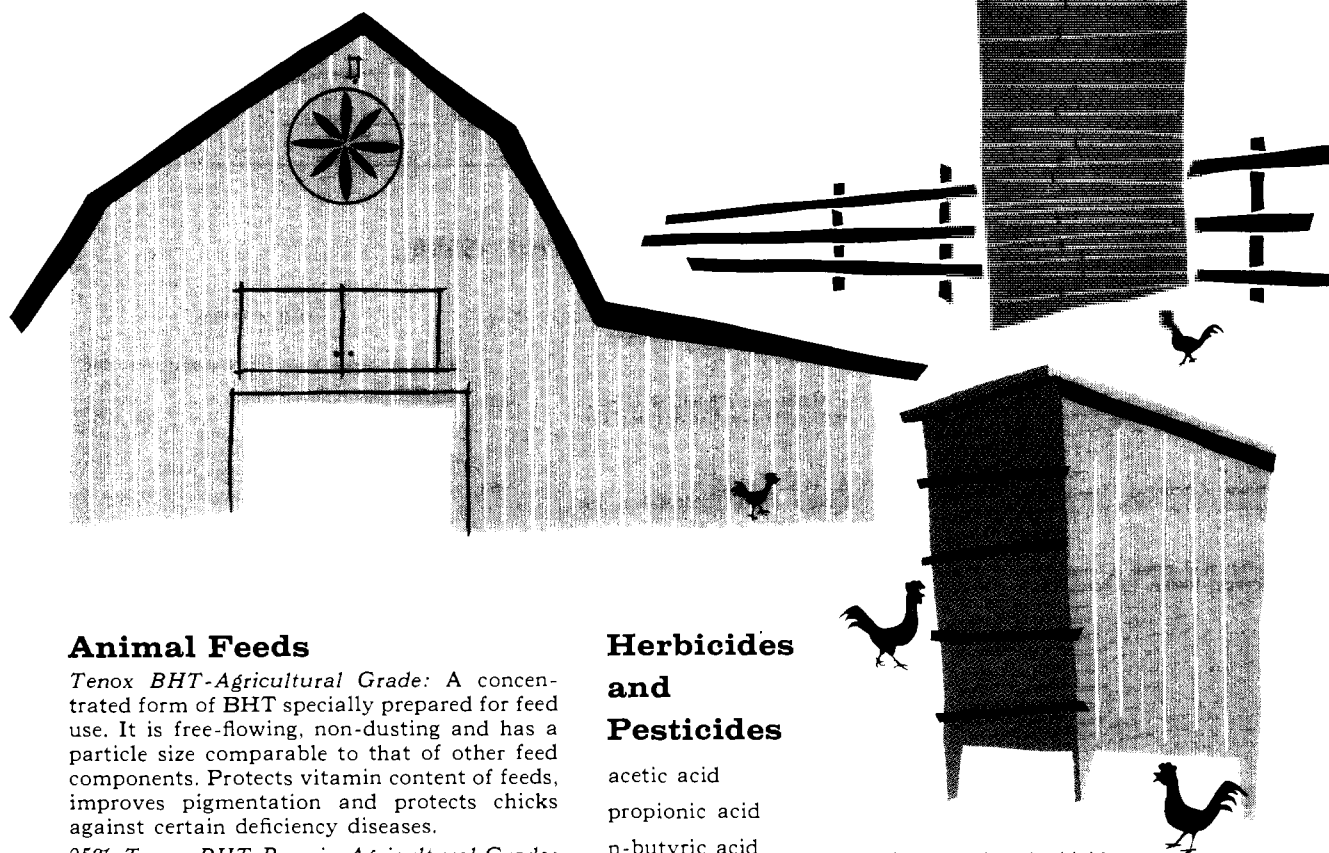


Make Eastman your source for these basic chemicals for Herbicides Pesticides Animal Feeds



Animal Feeds

Tenox BHT-Agricultural Grade: A concentrated form of BHT specially prepared for feed use. It is free-flowing, non-dusting and has a particle size comparable to that of other feed components. Protects vitamin content of feeds, improves pigmentation and protects chicks against certain deficiency diseases.

25% Tenox BHT Premix-Agricultural Grade: An antioxidant formulation containing 25% BHT on a nutritive cereal carrier, designed specifically for feed manufacturers not equipped to perform the more exacting measurements required in handling the concentrated grade.

Tenox R: An easy-to-handle, fat-soluble formulation of butylated hydroxyanisole (BHA) and citric acid for stabilizing inedible fats used in feeds and feed supplements.

Tecmangam: A readily assimilated, completely soluble source of manganese for animal feeds, containing 75-78% manganese sulphate. In manganese-deficient areas, Tecmangam can be added to fertilizer to supply this essential element.

Herbicides and Pesticides

acetic acid
propionic acid
n-butyric acid
isobutyric acid
2-ethylhexoic acid
ethyl alcohol
isobutyl alcohol
2-ethylhexyl alcohol
2-ethylisohexyl alcohol
isobutyronitrile
manganese sulphate
(Tecmangam®)
triethyl phosphate

If you produce herbicides, pesticides or animal feeds, look to Eastman for your basic chemicals: for samples, write to your nearest Eastman sales office. For properties and shipping information on these as well as other Eastman products, refer to Chemicals Materials Catalog, page 357 or Chemical Week Buyers' Guide, page 85.

Eastman

CHEMICAL PRODUCTS, INC.
KINGSPORT, TENNESSEE
subsidiary of Eastman Kodak Company

SALES OFFICES: Eastman Chemical Products, Inc., Kingsport, Tennessee; Atlanta; Chicago; Cincinnati; Cleveland; Detroit; Framingham, Massachusetts; Greensboro, N. C.; Houston; New York City; St. Louis. **West Coast:** Wilson Meyer Co., San Francisco; Los Angeles; Portland; Salt Lake City; Seattle.

People . . .

USDA Awards

Harry A. Borthwick, chief scientist in USDA's Pioneering Research Laboratory for Plant Physiology, received USDA's Distinguished Service Award on May 26 for his research in the field of photoperiodism, particularly its relationship to plant morphology. Also receiving the Distinguished Service Award was **Wallace B. Van Arsdell**, assistant director of the Western Utilization Research and Development Division, who was cited for conceiving and conducting pioneering research on the utilization of agricultural commodities. Receiving Superior Service Awards on the same day were:

Noble H. Harp, Forest Service, for directing and building public support for a complex cooperative pest control program, and for effectively training inexperienced workers to carry out the program.

Jo Anna Hastings, Agricultural Research Service, for exceptional initiative and vision in developing an efficient system of maintaining financial records and budget controls for the Plant Pest Control Division.

Clifford W. Hesseltine, curator of the collection of molds, yeasts, and bacteria at the Northern Utilization Research and Development Division, for significant contributions to agriculture, industry, and science through pioneering research in the field of microbiology.

James K. Holloway, Agricultural Research Service, for research that led to successful control of Klamath weed through use of beetles which attacked its growth.

James C. Lewis, Western Utilization Research and Development Division, for pioneering research in the fields of biochemistry and microbiology, particularly research on a poultry growth stimulant.

Leonard L. McKinney, Northern Utilization Research and Development Division, for persevering investigations on reactions of vegetable proteins which explained the toxicity of certain processed proteins, gave new reagents to produce aplastic anemia experimentally, and new commercial derivatives.

Joseph F. Mullins, Agricultural Research Service, for designing, improving, and constructing a new plant growth chamber that will be used in studies involving the tagging of plants with radioactive carbon.

Harry L. Parker, Agricultural Research Service, for significant contribu-

tions to knowledge of the natural enemies of introduced pests of American agriculture, and for the promotion of international good will through scientific endeavor.

J. William Thomas, Agricultural Research Service, for research that advanced basic knowledge of the mineral and vitamin requirements of growing dairy animals and the feed requirements of producing dairy cattle.

Erma S. Vanderzant, Agricultural Research Service, for basic research on the nutritional requirements of cotton insects, opening the way for exploring new approaches to their control that have led to methods for rearing the boll weevil and pink bollworm in the laboratory.

Also cited with a Superior Service Award were the Pesticide Chemicals and the Fruit and Vegetable Insects Research Branches of ARS for development of effective lures for use in the Medfly campaign in Florida.

Mortimer W. Brenner, vice president and director of brewing for Jacob Ruppert Brewery, has been elected president of the American Society of Brewing Chemists.

William R. Van Liere has been named staff assistant to manager in agricultural sales development for Collier Carbon & Chemical. He was formerly with Pacific Guano. **C. B. Hobbs**, formerly in industrial sales for the company, becomes staff assistant to the manager in agricultural chemical sales. **Olan R. Genn** has been named southern area manager in agricultural chemical sales, with headquarters in Santa Ana, Calif.

E. P. Chandler has been appointed western manager of feed phosphorus sales and **John F. Lindsay** has been named a sales representative for Coronet defluorinated phosphate in the southeast states for Smith-Douglass. Both men will work out of the Texas City, Tex., office.

William F. Mitchell, general manager of General Mills' chemical division, has been named a vice president of the company.

Walter W. Budzynski, formerly with the Nitrogen Division of Allied, has been named sales representative by Chemagro. He has been assigned to the company's central region, with headquarters in St. Louis.

Byron M. Kern has been transferred from general manager of production to general sales manager for the agricultural chemicals division of Spencer. **Harold E. Bingham**, for-

merly general sales manager, will take charge of new product development. **Harold Ihde**, director of marketing, will assist Bingham in this effort. **Jack E. Straub**, assistant to the vice president, will coordinate production activities in the office of the general manager of production.

Robert W. Nichols, formerly head of sales for the division of chemical sales, has been named manager of the new division of chemical marketing of Abbott Laboratories. **Karl Beck**, previously technical service advisor, has become technical service manager. **Byron McBride**, a sales representative, has been named administrative assistant to the manager of the division; and **Robert Morton**, also a sales representative, has been named assistant field sales manager.

Raymond C. French has left the Washington State Extension Service to become California Spray-Chemical agricultural sales representative in Wenatchee, Wash.

Frank M. Strong, professor of biochemistry at the University of Wisconsin and chairman of the ACS Division of Agricultural and Food Chemistry, received an honorary Doctor of Science degree from Syracuse University on June 1. Also receiving an honorary D. Sc. from Syracuse was **Philip W. Souder**, vice president of research and development for Campbell Soup Co.

Carl D. Fischer has been transferred by Union Carbide from White Plains, N. Y., to Phoenix, Ariz., and promoted to southwestern regional sales manager for Crag agricultural chemicals.

Jack L. Benham has been named area sales representative by Chemagro. His territory will be northern California and northern Nevada.

Donald G. Smith has joined Merck's chemical division as sales representative for plant products. He will work out of Lubbock, Tex., in a territory extending through parts of Texas, New Mexico, Louisiana, and Mississippi. He operated and managed a 1000-acre irrigated cotton and grain farm in Texas.

F. R. Johnson has left Olin Mathieson to join Chemagro as technical sales representative in the San Mateo, Calif., office.

Arnold T. Reiche has left Shell Chemical, where he was employed in domestic marketing and export sales of the agricultural chemical division, to become assistant to the president of Allied Chemical International.