

Entomology

Food Science

Penn State
Poultry Pointers



Agricultural & Biological Engineering Agricultural Economics

CONSIDERING A CAREER IN AGRICULTURAL ENGINEERING?

Dr. Dennis E. Buffington
Ag and Biological Engineering

Have you ever considered a career in agricultural engineering? There are many exciting career opportunities in agricultural engineering that relate to the poultry industry as well as all other facets

of agriculture. Agricultural engineering involves the application of engineering principles to agricultural and biological systems that are of great concern to our society today. Career opportunities are in the areas of food and fiber production, food processing, and conservation management of land and water resources. Employment opportunities for agricultural engineers are undoubtedly going to increase as the world populations continue to demand more abundant supplies of nutritious, high quality food as

well as clean water and preservation of other natural resources. Students find the courses in agricultural engineering to be very interesting and stimulating. The curriculum provides thorough training in mathematics, physics, and the engineering sciences common to all engineering disciplines. In addition, students receive specialized training in biological and agricultural sciences. The courses in this major include food engineering, design of mechanical and structural systems, environmental systems for plant and animal growth, computer controls, and natural resources management and utilization. All students are encouraged to become active members of the Penn State student branch of American Society of Agricultural Engineers in order to learn more about the profession. Agricultural engineering students are eligible to participate in the co-op, a program for those students who want to gain profession-

al engineering experiences while they are continuing their studies. Co-op students alternate semesters between working as engineering trainees for a company or governmental agency and taking classes at Penn State. The first semester of work is generally the spring semester of the junior year. After working one semester, the co-op student returns to campus for one semester and then returns to work for the following semester. This pattern is continued until the co-op student has earned one year of professional engineering experiences by the time of graduation. Graduates are employed as soil and water conservation engineers, food engineers, structural engineers, environmental control engineers, and machinery engineers. Graduates are also employed as engineering consultants. Agricultural engineers work in various capacities in the areas of design,

development, testing, research, management, applications, sales, education, and service. Decisions that people are now making about their careers are important. Anyone with an interest in agricultural engineering is invited to call collect at (814) 865-7792 so that we can discuss career opportunities and any other issues of concern. I will provide any additional information concerning agricultural engineering, or any other major at Penn State. Also, please feel welcome to visit the Agricultural and Biological Engineering Department at Penn State to learn more about career opportunities in the profession. Requests for further information should be directed to Dennis E. Buffington, Professor and Head, Department of Agricultural and Biological Engineering, 249 Agricultural Engineering Building, Penn State University, University Park, PA 16802.

FATHER'S DAY
June 20th

give dad our best

Give him a subscription to



Subscription Price:
\$19.75 per year; \$37.50 - 2 years
\$30.00 per year outside of:
PA, NJ, OH, MD, DE, NY, VA & WV

• P.S. - Don't Forget Your Father-in-Law!

PLEASE SEND MY FATHER LANCASTER FARMING

(Check one)

- \$19.75 - 1 YEAR
- \$37.50 - 2 YEARS
- \$30.00 - 1 YEAR
- \$58.00 - 2 YEARS
- NEW SUBSCRIPTION
- RENEWAL

ENCLOSED IS A
 CHECK CASH MONEY ORDER

(To help correctly code your address, please furnish COMPLETE address. As an example, include number of the dwelling, street name, city and state. When appropriate, include other specific information such as suite, apartment, floor, box number, etc. If you have an R.D., please include Box Number)

NAME _____
ADDRESS _____
CITY _____ STATE _____
ZIP +4 _____ COUNTY _____
Send Gift Card From _____

Send us your coupon now with your payment to:

Lancaster Farming
P.O. Box 609
Ephrata, PA 17522

Allow 2 weeks for delivery of your first issue. We can also add 1 year to existing subscriptions sent in for renewal.

STEEL BALE BOXES



With 8-Ton Wagon Gears

3 Sizes Available... 16', 18', 20'
with or without running gear

• Also will fit sides onto your flat wagon

Farm Gates Made To Your Specifications

MFD BY: **GAP HILL FARM WAGON**
5549 Lincoln Hwy. - Gap, PA 17527 717-442-9489
Call Bet. 8:30 & 9:00 A.M.

CPB ALERT!

NEW M-TRAK™ STOPS CPB.



EXTENDED CONTROL.

New M-Trak™ bioinsecticide's unique CellCap® system slows biotoxin breakdown. M-Trak stays stronger, works longer to give you reliable control of CPB...even those resistant to other insecticides.

M MYCOGEN CORPORATION
800-745-7476

M Trak™ is a trademark of Mycogen Corporation. CellCap® is a registered trademark of Mycogen Corporation.

Always read and follow label directions.