

AGRICULTURAL ENGINEERING

Teaching:

Four one-term courses in Agricultural Engineering were given the diploma classes and one two-term course in Mathematics. Manual training in wood and mechanical drawing were taught to two grades from the High School one-half day per week throughout the year.

Extension Work:

Owing to the depression there was considerably less activity in tile drainage in Pontiac county, though Prof. Heimpel spent a month in that county making surveys for drainage and for the installation of hydraulic rams and sewage disposal facilities.

Blue Print Service: The demand for Agricultural Engineering information in the form of plans, circulars and letters has increased greatly during the past year. The following is a list of plans and circulars asked for during the year:

<u>Subject</u>	<u>No. of Copies</u>
"Making a Wind Driven Battery Charger" Agr. Engineering Information Stencil No. 9	1420
Farmer's Bulletin No. 5 - "Dairy Barn Ventilation"	490
"Making a Farm Belt Power Plant from Old Auto Engines"	184
"Taking Power from the Rear Wheels of the Automobile"	105
"Single Chamber Septic Tank"	44
Bulletin No. 78 - "The Farm Gas Engine"	15
"Straw Loft Poultry House Plan"	16
"Hitch for Four-wheel Trailer"	10
"Weir for Measuring the Flow of Streams and Ditches"	5
"Building Simple Dams for Hydraulic Ram Installations"	8
Miscellaneous plans	<u>30</u>
Total bulletins, circulars and plans	2327 copies