

POULTRY TEACHING AND RESEARCH FACILITY – ST. PAUL CAMPUS



The Poultry Teaching and Research Facility (PTRF) on St. Paul Campus is made up of two buildings – the main building (Building #463) and ‘B-House’ (Building #468).

MAIN BUILDING



The main building is built into the ground to save on heating costs.



The building has several rooms, each designed for a specific type of research.

The facility has incubating and hatching capabilities and is NPIP certified.



There are several portable chick/pullet cages.



Each portable unit has four rows of three cages each. Each individual cage is 31 inches wide, 22 inches deep and 16 inches high. Each cage has two automatic water cups and a feed trough.

There are six rooms with floor pens. Each room has partitions that can be used to divide the room into up to ten individual pens (5 feet wide by 8 feet deep). The floor pens can be used for research or for small breeding groups. Each pen has an automatic bell drinker and hanging tube feeder.



Each room has its own light and temperature controls.



There is one room has eight larger floor pens. Each pen is 14 ft x 9 ft. The rooms have been used for housing both a fertile egg and table egg flocks. Each pen has one automatic bell drinker and one hanging tube feeder.



There is a room with commercial-style table egg cages.



There are two multiple tiered layer cages. There are four rows of 25 pens on each side of each of the two units, giving a total of 400 cages. Each cage is 19 inches wide x 19 inches deep x 14 inches high. There is an automatic nipple drinker between two pens. Feed can be given on a per pen basis. Manure is removed via conveyor belts under each tier of cages.

There is a room with cages for individual laying hens. There are 288 individual hen cages, each 10 inches wide x 20 inches deep x 16 inches high. Feed can be feed to individual hens, or groups of hens. Each pen has an automatic nipple drinker.



There are four rooms, each with four floor pens (7.5 ft wide x 4.5 ft deep) designed for turkey hens. Each pen has a double nest box. The rooms are light proof to accommodate reproductive physiology research since poultry reproduction is responsive to even dim light levels.



There is a large floor pen (64 ft x 24 ft) for housing turkeys before they are placed in the small floor pens. It is also light proof. It has automatic waterers and hanging tube feeders.

B- HOUSE



B-house has two live bird rooms. One has several battery brooders that can be used for chicks or poults. Each level can be divided into 4 sections making it ideal for research.



The second room has a series of individual cages that can be used for True Metabolizable Energy (TME) determinations as well as other research activities which require collection of fecal material from individual animals.

