

Mushroom Research Center Expanded

Expanded facilities in the Mushroom Research Center at The Pennsylvania State University were viewed recently by some 300 persons attending the 17th Mushroom Industry Short Course at University Park.

Work on the addition was begun in June, 1973, according to Dr. James Tammen, head of the Department of Plant Pathology. Contractors are now in the final inspection stage and the first crops are in the newly completed production rooms. Project statements and preliminary sketches were approved by the General State Authority, Harrisburg, and the Board of Trustees of the University in December, 1968, for a base construction cost of \$216,000. However, due to various architectural delays, construction was not begun until last year. Consequently, inflation has allowed only 7 out of the 12 production

rooms to be readied for use at this time.

"When fully completed, the expanded facility will enable us to follow a more efficient and diversified research program," stated Dr. Lee C. Scheisler, director of the Mushroom Research Center and chairman of a committee which designed the expansion.

The addition consists of varying sized controlled environment rooms designed to accommodate from 12 to 48 mushroom trays each. The total number of trays used per year will nearly double the output of the Center.

The addition also contains a modest office-laboratory. An additional storage building has also been constructed adjacent to the present composing shed.

The addition actually is a replacement of previous research space lost in 1968

when an old mushroom house was razed to make room for a parking area behind the new Theatre Arts Building on central campus. The old mushroom house was constructed in 1928 by a gift from the Mushroom Growers Association of Kennett Square. It had been used in recent years primarily for research on mushroom diseases.

Research contemplated for the total facility includes: investigation into composing procedures and ingredients for increased mushroom production efficiency; interaction of mushroom strains with cropping practices; mushroom disease studies and new chemical and biological control measures; interaction of nutrient level, mushroom strain, and environment on mushroom production; investigations into the function of the casing layer and development of synthetic materials for casing; and physiology of fruiting of the cultivated mushroom or other mushrooms with potential economic value.

"The expanded facility will provide space for graduate education and research which had to be curtailed in recent years because of inadequate cropping area. We believe the Center, when completed, will be the finest educational and research unit for the cultivated mushroom in the world," Dr. Tammen affirmed.

Was He Right?

In 1906, John Philip Sousa, "the March King," predicted that mechanical music would bring about the disappearance of the amateur musician and "a marked deterioration in American music and musical taste."

Buck Tractor Pull Results

Friday, July 12

7000 lb. Stock
Vernon Yoder, Christiansa, Pa., John Deere 4000, 247' 2"; E. M. Stauffer, New Holland, Pa., Deutz D 8006, 219' 1"; Elvin Arment, Ephrata, Pa., Deutz 5506, 212' 10".

5000 lb. Super Stock

Dale Smoker, Cochranville, Pa., Allis Chalmers 180, 296' 4"; Curt Stoltz, Lebanon, Pa., Leyland 384, 245' 7"; Charles Welsh, Gap, Pa., Case 800, 241' 7".

9000 lb. Super Stock

Michael Wright, New Freedom, Pa., International 1066, 300'; Terry Price, Boonesboro, Md., 4320 John Deere, 277' 7"; Leonard Thomas, Boonesboro, Md., 4020 John Deere, 267' 9".

7000 lb. Modified

Galen Soickler, Elizabethtown, Pa., Cockshutt 2-440 Dodges, 206' 6"; Lester Landis, Lititz, Pa., 55 Massey 2-440 Dodges, 204' 3"; Elwood Flowers, Manheim, Pa., Farmall M 427 Chevy, 184' 8".

Saturday, July 13

7000 lb. Super Stock

Donald Thomas, Boonesboro, Md., 4020 John Deere, 284' 9"; Marlin Brubaker, Quarryville, Pa.,

Allis Chalmers, 275' 11"; Leonard Thomas, Boonesboro, Md., John Deere 4020, 272' 4".

5000 lb. Modified

Elwood Flowers, Manheim, Pa., Farmall M 427 Chevy, 251' 4"; Ivan Barnsby, Laytonsville, Md., Farmall M 383 Dodge, 233' 10"; Gumm Acres Farms, Pen Arge, Pa., F-20 348 Chevy, 216' 9".

12,000 lb. Super Stock

Michael Wright, New

Freedom, Pa., International 1066, 271' 2"; Leonard Thomas, Boonesboro, Md., 4020 John Deere 261' 5"; Charles Snyder, Andreas, Pa., 8600 Ford, 211' 3".

9000 lb. Open

Galen Spicler, Elizabethtown, Pa., Cockshutt 2-440 Dodges, 252' 2"; Lester Landis, Lititz, Pa., 55 Massey 2-400 Dodges, 244' 4"; Michael Wright, New Freedom, Pa., International 1066, 234' 4".

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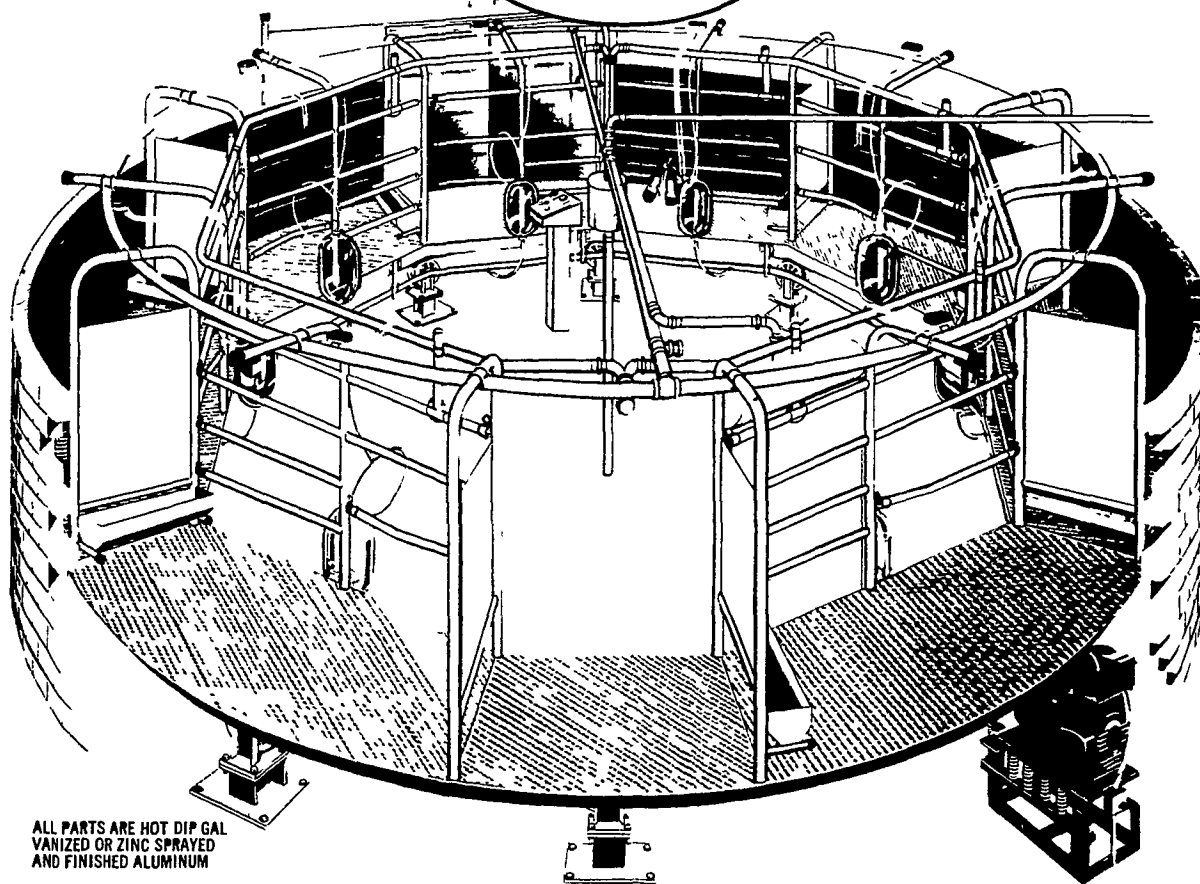
WITH A



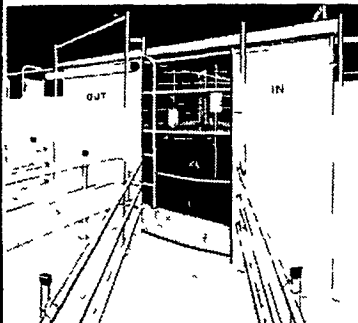
- ONE-MAN OPERATION CUTS LABOR COST 50%
- OPERATOR CAN MILK AT HIS OWN SPEED

THE COWS ARE MOVED TO THE OPERATOR

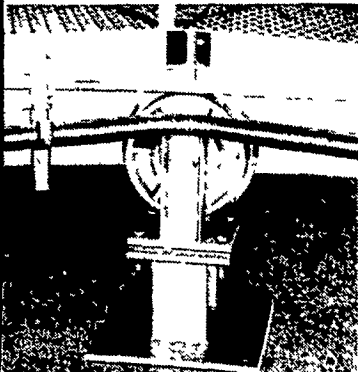
WALKING IS REDUCED TO A MINIMUM



ALL PARTS ARE HOT DIP GALVANIZED OR ZINC SPRAYED AND FINISHED ALUMINUM



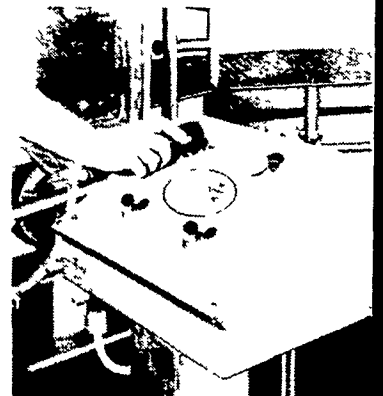
SLIDING ENTRY DOOR AND SWINGING EXIT DOOR ARE OPERATED BY COMPRESSED AIR CYLINDERS



8 FLANGED STEEL WHEELS WITH TAPERED ROLLER BEARINGS ARE MOUNTED ON RUGGED FIXED PEDESTALS. RAILROAD TYPE TRACK IS WELDED TO UNDERSIDE OF PLATFORM



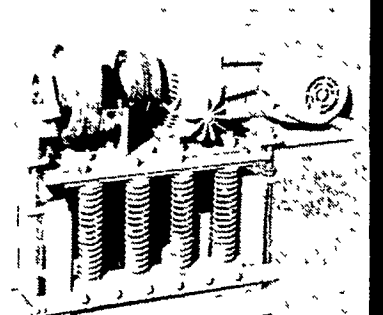
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