

Does It Pay To Remodel or Renovate?

This is a frequently asked question, so we tried to get some answers. H. & M. Poultry Farm, Inc. had a long conventional shed type poultry house:

Floor Operation 60% pit and roosting area 40% floor and dusting area



Front view facing feed room. Pens on left not remodeled. Pens on right remodeled.

Part of this house was remodeled as follows:

Ceiling — 3 inches of insulation

Ventilation — Slot at eave on north side. Fans of sufficient capacity on south side.

Walls — removed windows, stripped to studs and recovered and insulated (2 inches). Left 21 inch strip of Fylon (green plastic) entire length on south side for some light.



Interior view of pen 4 which was not remodeled.



Interior view of pen B-1 after remodeling. Nests in this pen were also relocated resulting in less floor eggs.

COST OF THIS JOB WAS \$1.03 PER SQUARE FOOT OF FLOOR SPACE.

The other part of this house was left in the original condition and pullets were housed in both the remodeled and the old part selected at random from the same pullet flock.

Here are some of the results observed. **FEED USED — EARLY BIRD COMPLETE LAYER RATION.**

	Pens 4 & 5A Conventional (not remodeled)	Pen 1-601 B-1 Remodeled — partially controlled environment		Pens 4 & 5A Conventional (not remodeled)	Pen 1-601 B-1 Remodeled — partially controlled environment
Housed	May 18, 1964	June 5, 1965	Conversion	351 da. prod. 4.18 lbs.	364 da. prod. 3.96 lbs.
Age of pullets	21 weeks 3 days	24 weeks		379 da. prod. 4.23 lbs.	398 da. prod. 4.03 lbs.
No. Housed	6,541	4,347	Eggs per hen housed	413 da. prod. 4.27 lbs.	
No. Sold	5,832	4,005		351 da. 236	364 da. 260
% Liveability	89.16%	92.49%		379 da. 251	398 da. 283
Space per hen housed	1.8 square feet	1.8 square feet		413 da. 268	

DID IT PAY? Production costs, including straight line 10 year depreciation, of the remodeled pen was 1.25 cents per dozen eggs produced less than in the old pen. The remodeled pen had slightly better liveability.

The remodeled pen produced 15 more eggs per hen housed in 15 less days production time. In the remodeled pen the cost of production was lowered.

29:475 - cents per hen housed = 16.36 cents per sq. ft. PLUS the profit from the 8.33 extra eggs per hen housed produced in this pen.
1.8 foot

Further work is being done on this by us, but for a start it looks like good return for a modest investment. Not everyone needs to build new to get costs down. Can we help you investigate what you can do to improve costs in your present poultry operation?



Miller & Bushong, Inc.

ROHRERSTOWN, PA.

PHONE 392-2145

"Finest Service Anywhere"