

# Penn State **Extension**

## Goat Housing and Equipment

Agricultural and Biological Engineering

[abe.psu.edu](http://abe.psu.edu)

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This Idea Plan is intended to provide educational information and ideas concerning housing and equipment for small herds of goats. The following attached drawings are based on historical plans and may not meet design and construction standards for your area:

- Feed Racks for Goats (PSU 99)
- Milk House, Milking Room & Milking Stand for Goats (PSU 100)
- Walk-Thru Milking Parlor for Goats (PSU 101)
- Loose Housing for 20 Goats & Kids (PSU 102)
- Goat and Kid Barn (PSU 103)
- Buck Barn (PSU 104)
- Keyhole Goat Feeder (PSU 390)
- Goat Tie Stall (PSU 391)
- Buck (Goat) Yard (PSU 392)
- Freestall Barn for Goats - 30 Milkers (PSU 394)
- Tie Stall Barn for Goats - 30 Milkers (PSU 395)
- Milking Barn and Milkhouse for 10 Goats (USDA 6255)
- Milking Barn and Milkhouse for 10 Goats (USDA 6256)



If you decide to build a facility similar to any of these plans, be sure to check building requirements for your area. Your local building inspector, engineer, building supplier, or building contractor can help you determine what is a safe and legal facility for goats in your area. In addition to the rules and regulations covering design and construction of buildings, be sure to consider how you will handle the manure and potential nuisance problems for neighbors, including flies, odor, and noise.

The Department of Agricultural and Biological Engineering at Penn State has a variety of educational material available related to agricultural and biological engineering. This material is intended to help Pennsylvania farmers and others develop buildings and facilities for modern, environmentally-compatible farm facilities. The material can be used in conjunction with county extension staff, builders, suppliers, consulting engineers, the Natural Resources Conservation Service, financial management advisors, farm lenders, veterinarians, and others to assemble a facilities plan suitable for local conditions.

Publications are available in the areas of agricultural safety and health, animal housing systems, building and farmstead planning, crops and greenhouses, machinery systems and tractors, residential housing, soil and water resources, and solid waste management. Contact your county Penn State Extension Office for more information on these subjects. You can also obtain an index of publications concerning the above areas by calling, writing, faxing or e-mailing:

Department of Agricultural and Biological Engineering  
246 Agricultural Engineering Building  
University Park, PA, 16802-1909  
Telephone: (814)865-7685, Fax: (814)863-1031, Email: [agbioeng@psu.edu](mailto:agbioeng@psu.edu)

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For more information, the following comprehensive handbook covering design and construction of small pole buildings is available:

NRAES-01—Post-Frame Building Handbook: Materials, Design Consideration, Construction Procedures (1997). 78 pages \$14.00 (Contact the NRAES office below for current pricing).

NRAES Cooperative Extension  
PO Box 4557  
Ithaca, NY 14852-4557  
Telephone: (607) 255-7654, Fax: (607) 254-8770  
E-Mail: [NRAES@cornell.edu](mailto:NRAES@cornell.edu)

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Information may also be obtained by contacting the following:

American Dairy Goat Association  
P.O. Box 865  
161 West Main Street  
Spindale, NC 28160  
Telephone: 828-286-3801, Fax: 828-287-0476, Website: [www.adga.org](http://www.adga.org)

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