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THE DAIRY PRACTICES COUNCIL®

GUIDELINE FOR **PLANNING DAIRY STALL BARN**

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ABSTRACT

This guideline provides insight for planning and constructing a dairy tie stall barn. The Guideline covers Site Considerations, Construction, Stall Barn Arrangement, Ventilation, Electrical Service, Wiring and Lighting.

It includes schematic drawings and various tables depicting tie stall barns. There are two supplemental Guidelines DPC #6 Natural Ventilation for Tie Stall Barns and DPC #12 Tunnel Ventilation for Tie Stall Barns.

PREFACE

This guideline was reviewed and updated by John Porter, University of New Hampshire Cooperative Extension with assistance from Robert Graves, Professor of Agricultural and Biological Engineering, Pennsylvania State University and is based on the 1988 NRAES/DPC #37, which was written by Wilmot Irish, professor of agricultural engineering, Cornell University and Robert Graves, Professor of Agricultural and Biological Engineering, Pennsylvania State University. The authors of the original 1981 edition were George Trattel, NY; Wilmot Irish, NY; Richard Peterson, NY; Grant Wells, VT; Francis Gilman, NH; and Daniel Meyer, PA.

GUIDELINE PREPARATION AND REVIEW PROCESS

Guideline development within Dairy Practices Council (DPC) is unique and requires several levels of peer review. The first step in the process of guideline development starts with a Task Force subcommittee made up of individuals from industry, regulatory and education interested in and knowledgeable about the subject to be addressed. Drafts, called 'white copies', are circulated until all members are satisfied with the text. The final white copy may then be distributed to the entire task force, DPC Executive Board, state and federal regulators, education members, industry members and anyone else the DPC Executive Vice President and the Task Force Director feels would add to the strength of the review. Following final white copy review and correction the next step in the process requires a yellow cover draft that is circulated to the member Regulatory Agency representatives that are referred to as "Key Sanitarians". The Key Sanitarians may suggest changes and insert footnotes if their state standards and regulations differ from the text. After final review and editing the Guideline is distributed in the distinctive DPC green cover to people worldwide. These guidelines represent the state of the knowledge at the time they are written.

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