

Heifer Housing Options – New England Style

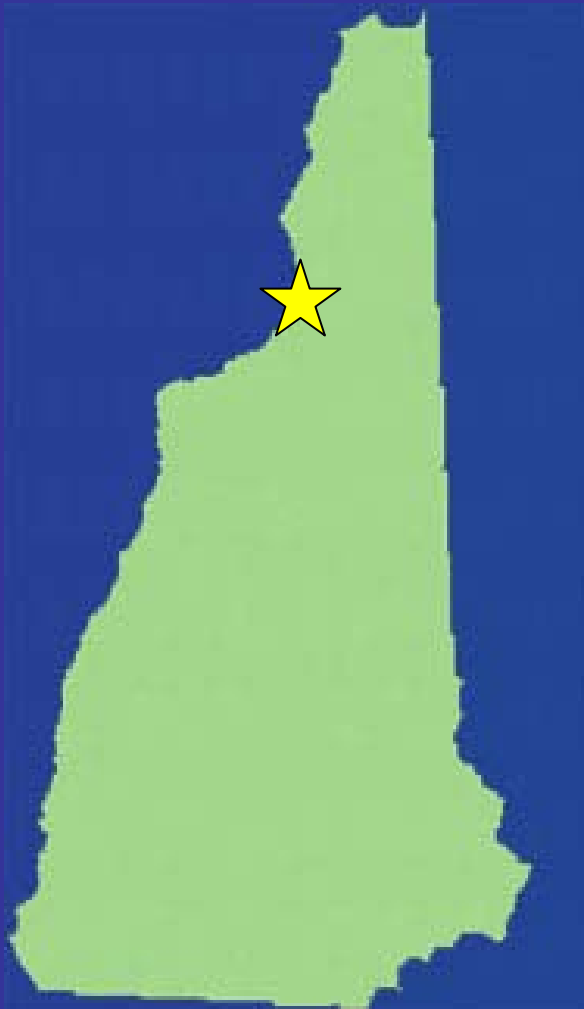
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New England's Uniqueness

- Lack of contiguous tracts of land
- Small farm size
- Use of rented land
- High cost of production
- Source of good genetics
- “Yankee Frugality”

Graymist Farm



- **Owner:**
 - **Gordon & Nancy Gray**
- **Location:**
 - **Groveton, NH**
- **Size:**
 - **90 milking cows**

Will become the first farm in NH with robotic milking.

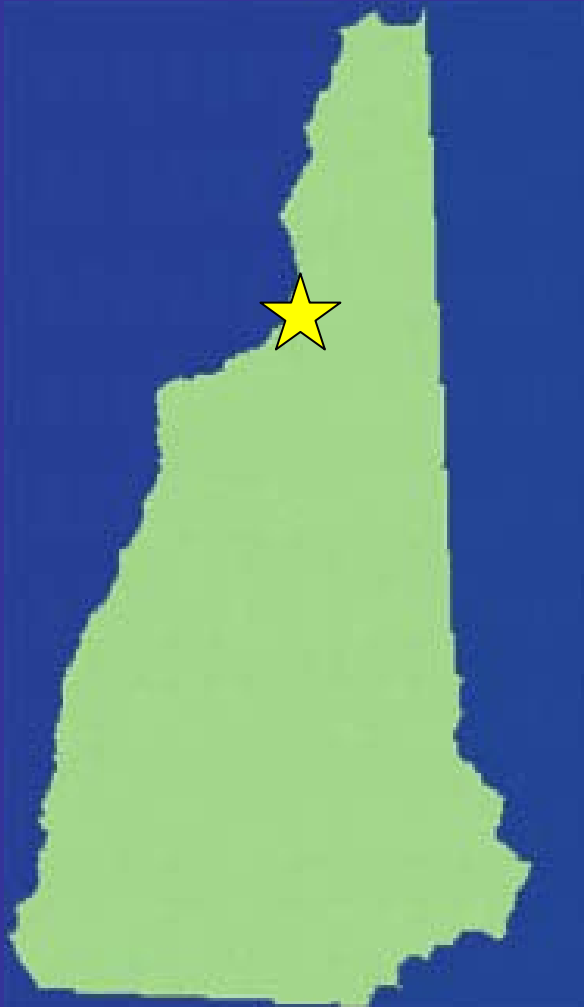


Portable super-hutch that moves from side to side on a concrete pad with a common waterer.



Bottom panels lift up and the hutch is pulled over the bedded-pack to the new location with the animals gated inside.

Forbes Farm



- **Owner:**
 - Micky, Scott & Allan Forbes
- **Location:**
 - Lancaster, NH
- **Size:**
 - 900 milking cows



Hoop structure for housing baby calves
and transition groups.



Calves are housed in individual pens with radiant heat above.



A heated room in a corner of the building is used for mixing feed.

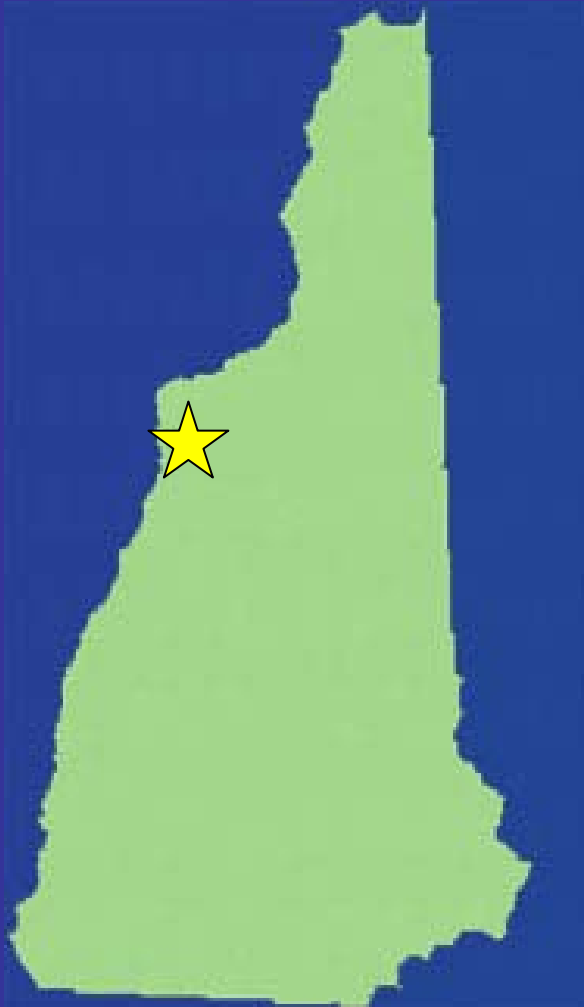


Transition groups are housed at the end of the barn.



Calves then progress through age groups in bedded-pack barns.

Grafton County Farm



- **Manager:**
 - Donnie Kimball
- **Location:**
 - North Haverhill,
NH
- **Size:**
 - 90 milking cows



Conventional tie-stall barn that needed free-stall heifer housing.



The heifer barn was fitted into a tight barnyard location, and a one-slope roof drained the water to the back.

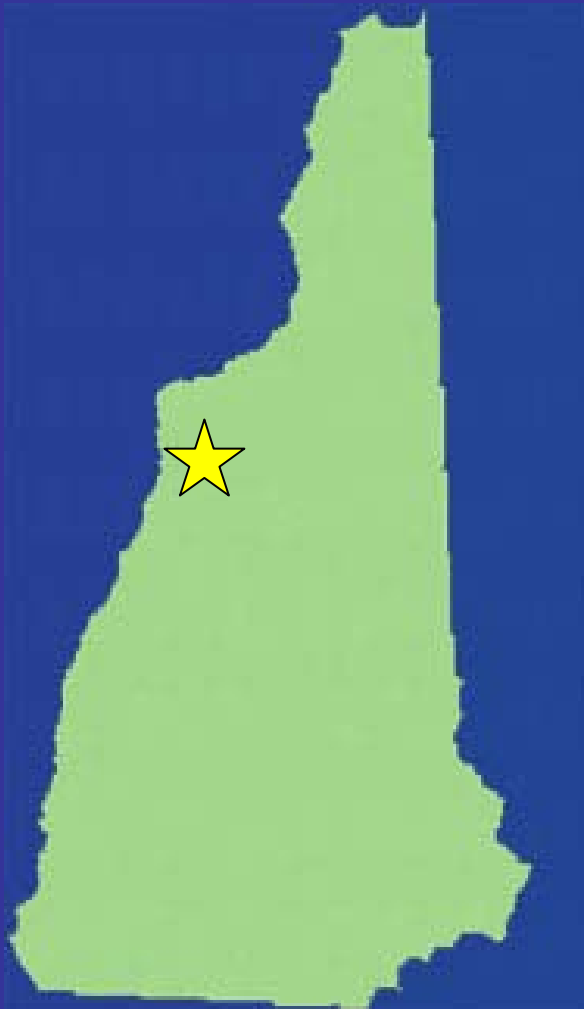


Laminated rafters eliminated a lot of braces and posts and made a more open area.



A stepped-up feed curb allows for various age groups.

Briarstone Farm



- **Owner:**
 - Dave Keith & Sons
- **Location:**
 - North Haverhill, NH
- **Size:**
 - 200 milking COWS



A tie-stall operation that expanded to a gutter greenhouse complex.



More heifer housing was needed and this outside fence-line feeder was a desirable site, but was located on ledge, so a concrete foundation had to be poured.



The barn has the dimensions for a 3-row free-stall, but is used as a bedded-pack.



The barn is left open and extra animals are free to roam in and out of the pasture area.

Sherman Farm



- **Owner:**
 - Al, Phyllis & Kathy Sherman
- **Location:**
 - Center Conway, NH
- **Size:**
 - 50 milking cows and vegetable operation



Calf hutches are in a greenhouse that is used for tomatoes in the spring.



A 3-row free-stall with a 12' overhang which covers the feed area and has fiberglass-board on the eating surface.



Calves are housed in a group transition pen at the back of a free-stall when they leave the greenhouse.

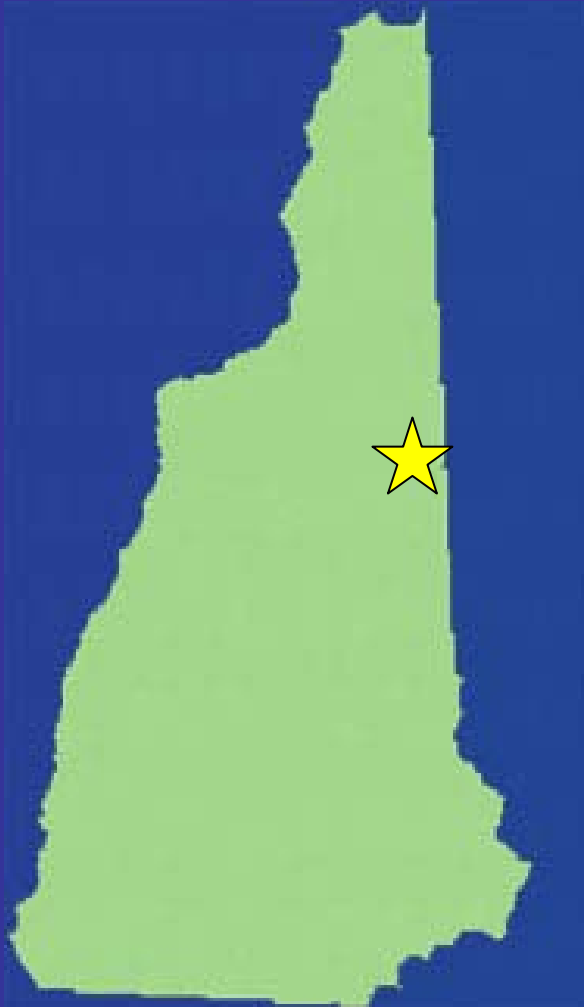


Heifers are grouped by age and wide-cross over alleys provide easy passage to the feed area.



A shelf over the feed area provides storage for hay.
A double track for the doors allows both of them to
be open without blocking an alley.

Hussey Farm



- **Owner:**
 - Justin & Julie Hussey
- **Location:**
 - Conway, NH
- **Size:**
 - Custom heifer-raiser



Transition calves are raised in an open tool-shed and the front feed trough is removable for cleaning.



Calves move to groups in a new bedded-pack barn.

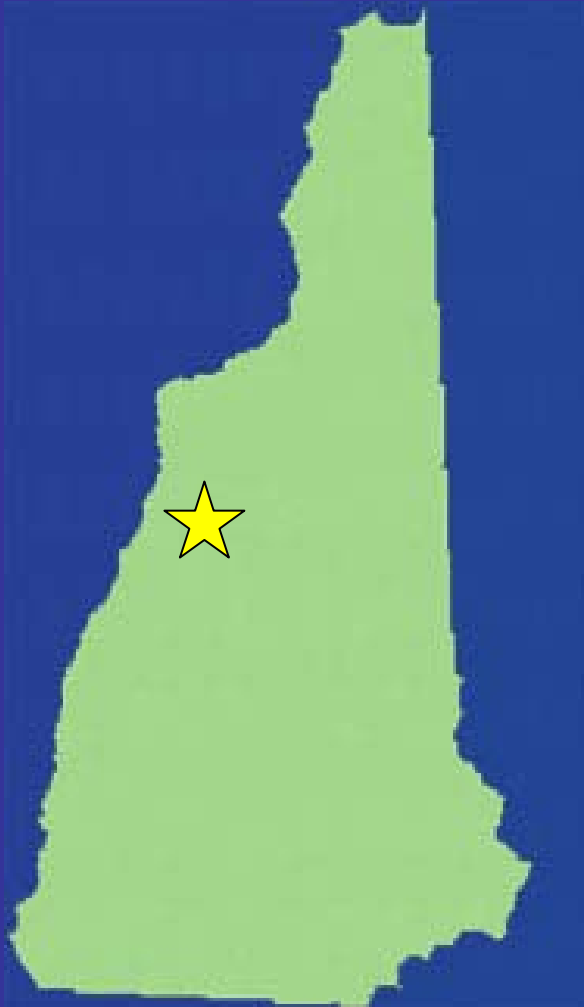


Older heifers are housed in a tie-stall barn that has been converted to free-stalls with outdoor feeding.



Free-stalls were built on the cow platforms and the gutters were filled with concrete.

Robie Farm



- **Owner:**
 - Lee & Betty Sue Robie & Sons
- **Location:**
 - Piermont, NH
- **Size:**
 - 75 milking cows



A naturally ventilated tie-stall barn. Getting ready to make a specialized, Italian aged-cheese.



A low-budget, farm-built heifer barn with a short overhang covering the feed area with a manure pit at the end.



Heifers are fed silage and round bales, and housed on a bedded-pack with free access to the outdoors.



An animal chute and head-locks are located in the last bay for restraining cattle for breeding and vet work.

Malnati Farm



- **Owner:**
 - Vincent & Carol Malnati & Family
- **Location:**
 - Walpole, NH
- **Size:**
 - 86 milking cows



A 3-row free-stall with a covered feed alley.



It is spacious with a wide feed access alley and large cross-over alleys between groups.



Calves transition directly to free-stalls.



A manure push-off is at the end. Roll-up doors are stored in exterior coverings.

Stuart Farm



- **Owner:**
 - John & Lorraine
Nate & Judy
Merrill
- **Location:**
 - Stratham, NH
- **Size:**
 - 250 milking
COWS



Calf hutch covering – a roof and open sides covered with shade-cloth in the winter.



A heated mixing room is located in one corner with washing and feeding equipment.



Calves are housed in individual pens along the outside edges of the building.



Transition calves are housed in group pens at the end of the barn.



Calves progress to a converted tool-shed and are housed on a bedded-pack.



Older heifers and dry cows are housed in “cow kennels” and share a feed area with the calves.

UNH Organic Dairy



- **Owner:**
 - University of New Hampshire
- **Location:**
 - Lee, NH
- **Size:**
 - 47 Jersey milking cows



An old livestock facility was converted to the organic dairy and the open bull-run made into calf housing.



A commercial calf unit has individual calf pens and the dividers can be removed to form transition groups.



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A large, two-story red barn with a cupola on top, situated on a green field under a cloudy sky. The barn has a corrugated metal roof and several windows. A wooden fence is in the foreground, and a smaller building is visible to the left.

QUESTIONS?