

Alternatives to the Landfill



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1

Our Constituents

- 1.34 million humans
- 521,3730 households
- 4,391 farms reported (increase >1000 farms from '02 to '12; '17 results pending)



2

The Animals They Own

(Estimates)

- 304,482 dogs
- 332,845 cats
- 37,174 pet birds
- 21,000+ horses
- 1.67 Million poultry in 34,000 flocks
- 33,392 cattle-
- 6,990 pigs++
- 8,079 sheep+
- 4,875 goats+
- 1,500 deer, elk, bison
- >2,500 camelids+



3

Trade-offs

- Zero risk does not exist
- Mitigating risks
 - food types
 - animal types
 - processing to reduce infection risk
- What happens to food we don't use?



4

Feeding livestock and poultry

- RSA 435 – *Animal Care, Breeding, and Feed*
- RSA 435:17-31 – *Commercial Feed*
- RSA 435:32-40 – *Feeding Garbage to Swine*
- 9 CFR 166:1-15 – *Swine Health Protection Act*

5

9 CFR 166.2

No person shall feed or permit the feeding of garbage to swine unless the garbage is treated to kill disease organisms, pursuant to this part, at a facility operated by a person holding a valid license for the treatment of garbage...

6

Garbage?

- All waste material derived in whole or in part from the meat of any animal (**including fish and poultry**) or other animal material, and other refuse of any character whatsoever that has been associated with any such material, resulting from the handling, preparation, cooking or consumption of food...

7

RSA 435:33

- I. No person shall feed garbage to swine, without first securing a permit therefor from the commissioner...
- II. ...shall not apply to any person who feeds only his own household garbage to swine which are raised for such person's own use...



8

Nutrition??

- Balanced diet – pasture/hay, grain, vitamins
- Part of complete ration
- Use nutritionist, feed mill, veterinarian, UNHCE



9

Disease control??

- African Swine Fever – sausage leftovers
 - China, Russia
 - Belgium, Poland
- Foot-and-Mouth Disease – UK, uncooked garbage
- Backyard chickens - Salmonella
- Pigs – feral pigs? Spread to wildlife?

10

From here to there?

- Some vectors/fomites are able to move considerable distances. This may affect the transmission ranges of various diseases. Diseases can be introduced to new geographic areas by:
 - travel of humans and international trade;
 - animal movement, not limited to livestock;
 - migratory birds;
 - changing agricultural practices;
 - the wind.
- Other factors may play a role in their establishment and persistence in new areas, including climatic conditions.

11

For the birds

- 7.2% households own backyard poultry
- 49.2 average flock size in northeast
- 474,500 households in NH

- 34,000+ backyard flocks in NH
- 1.68 Million backyard poultry

- 58,420 pet birds

12

Bottom line

- If you have a question, call
- NHDAMF
- **603-271-2404**
- 25 Capitol St, Concord, NH 03301
- <https://www.agriculture.nh.gov/>



13

U.S. DEPARTMENT OF AGRICULTURE

Veterinary Services

New Hampshire
Tel. (603) 545-2560



New England Area Office
Tel. (508) 363-2290



14

In Conclusion...

"Too often we enjoy the comfort of opinion without the discomfort of thought."

John. F. Kennedy