



Future of Feeding in North Dakota

**Presented by: Amber Boeshans
Executive Director
ND Livestock Alliance**

Our Mission

Support, enhance and promote
animal agriculture in **North Dakota**

** No lobbying or policy activities

ND Livestock Alliance - Governing Board of Directors



Northern _____
Pulse Growers
_____ Association



NORTH DAKOTA
CORN
COUNCIL



www.ndpork.org



ND Livestock Alliance - Board of Advisors



NDSU | EXTENSION



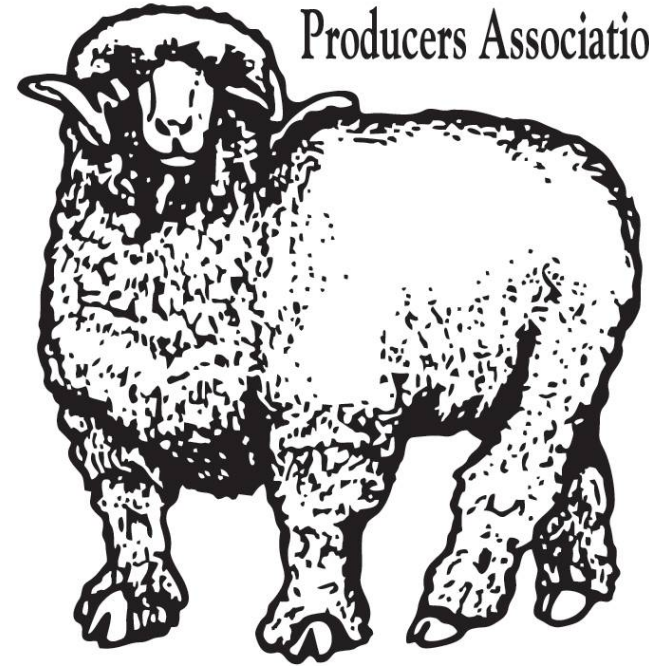
NDSU | ANIMAL SCIENCES

ND Livestock Alliance - Industry Members

Form *A* Feed



North Dakota Lamb & Wool
Producers Association



The Future of Feeding

Where can livestock producers be successful?

- Water
- Labor
- Feed diversity and availability
- Nutrient Management acres
- Biosecurity, animal health
- Market availability
 - Processing, consumer, etc.
- Regulatory environment
- Permitting success
- Freedom to operate
- Family needs
- Distance from urban encroachment

New family-run swine operation brings opportunity to community

Photos by Sarah McNaughton



Slideshow: Five years in the making, feeder swine barns bring diversification to farm income.

Sarah McNaughton | Mar 04, 2021

California Dairies Look To Midwest's Greener Pastures

KCUR | By Ezra David Romero
Published December 15, 2014 at 7:48 AM CST



▶ LISTEN • 3:57





Why North Dakota?

- Water resources
- Feed diversity, availability and cost
 - New Soybean Crushers GAME CHANGER!
- Low pig density = healthy pigs
 - Distance between operations is key to success... ASF, PRRS
- Manure needed for soil health
- Advances in covered feeding options
- Restoring the balance = on-farm diversification
- A devotion and passion for agriculture
 - ENTHUSIASTIC NEW GENERATIONS
- Communities hungry for development



Challenges to Feeding in North Dakota

- Mother Nature can **WOW** us!!
 - Gravitation to covered feeding
- Trucking shortages
- Labor shortages
- Infrastructure – specialized equipment repair, parts, etc.
 - Improving as more herds build
- Distance to processing and consumer markets
 - Major increase in desire for local and niche marketing



Future of Feeding in North Dakota



Why is covered feeding increasing?

- Doing more with less land
- More control over feed access and quality
- High quality water access 24-7
- Weather, pest and predator control
- Animal health and performance
- Employee safety
- Better control of manure nutrient distribution

NDLA Program Summary

Livestock Development Program

- New and expanding facilities
- Site: Location, Location, Location!
- Permitting process guidance
State – County - Township
- NDLA Producer Handbook

Community Outreach Program

- Dialogue with community leaders and neighbors
- **Transparency is key!!** ~~Fear of the unknown~~
- What is it going to look like, smell like, road use, etc.
- State and Local zoning and permitting procedures
- **Livestock Friendly Community**



How to become a Livestock Friendly Community!

Know the facts!

Know your resources!



Can current producers seek expansion? New producers?

- What are your zoning and permitting rules?
 - State Model Zoning Ordinance
 - Are applications easy to locate and understand
 - Well-defined procedures
 - Reverse setbacks? Variances?
- Facilitate community events and trainings
- Pursue livestock development

Livestock Friendly Community

Farmer to Farmer Dialogue

How does the farming community benefit from LivDev?

- Alternative markets for
 - Grain
 - Co-products
 - Crop residues
 - Damaged crops/silage
- Manure decreases input costs and improves soil health
- Diversifies on-farm income
- Decrease freight costs
- Next generation



Welcome to the Quandt Family!



ND's newest pig farmers

- 2-4,800 head finisher barns
 - 122x338' WS Construction
 - Modified Cross Ventilations
- Sargent County
- Annual Feed Use
 - Corn 220,000 bushels
 - Soybean Meal 1,600 tons
 - DDGS 1,600 tons



Virtual Pig Farm Tour –360° and Interviews



<https://tours.bemorecolorful.com/v/Rlz oXPwnj2M>

<https://tours.bemorecolorful.com/v/e0 q3gawMq8Y>



Follow-up resources

NDTOA North Dakota Township Officers Association

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NDIRF NORTH DAKOTA INSURANCE RESERVE FUND

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VSP Officers - Download for as an attachment Click Here

Serving 6,000 North Dakota Township Officers

The Board of Directors believe the following statement on the part of the North Dakota Township Officers Association.

- We believe in the Democratic ideal of government of the people, by the people, and for the people. We feel that the best and the most responsive government is that government which is closest to the people. The members of the North Dakota Township Officers Association believe in the Democratic ideal of government, and to protect the rights of its citizens at this basic level. We believe in the national unity which provides the basis in which democracy flourishes. We believe in the Dakota State Constitution which envisioned and structured a role for the township.

In accordance with these beliefs, we will work for the following:

- To provide citizens at the local level an opportunity to assemble, discuss, and act on their concerns.
- To provide an organizational structure for townships to act in common at the county level.
- To provide an organizational structure for townships to be represented at the state level.

Our website:

www.ndlivestock.org

- Current events and media resources
- Livestock Development Manual
- ND Dept of Ag Finance Incentives Summary
- **Local government content page**
 - **NDToA link is live**
- Quandt Farm Virtual Tours
- Webinar Series Recordings
- Contact Us
- Social Media Feeds
 - Facebook
 - Twitter
 - New YouTube Page!



Save the Date

NDLA's 3rd Annual Livestock Summit



Dr. David Newman, Keynote

**February 3, 2022
10:00 a.m. - 4:00 p.m.
Nome Schoolhouse**

200 1st Ave., Nome, ND

FREE ADMISSION!

Calling all North Dakota animal agriculture producers and all-around livestock fans! This year's Summit has a new look with the addition of a Livestock Development Trade Show, professional meat preparation demos, 2022 market and construction outlooks and more. The day's host will be NDSU Alum and National Pork Board Past-President



**Cristen Clark,
Competitive Cook**

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For more information and to RSVP go to;

ndlivestock.org

or call 701-712-1488

Check out the unique venue:

nomeschoolhouse.com

Contact Us

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Facebook and Twitter @livestockNd

Now on YouTube!





Livestock Development in North Dakota

**Presented by: Amber Boeshans
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ND Livestock Alliance - Governing Board of Directors



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NORTH DAKOTA
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NORTH DAKOTA
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North Dakota
Pork Council

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North Dakota
Soybean Council
Our World Is Growing.

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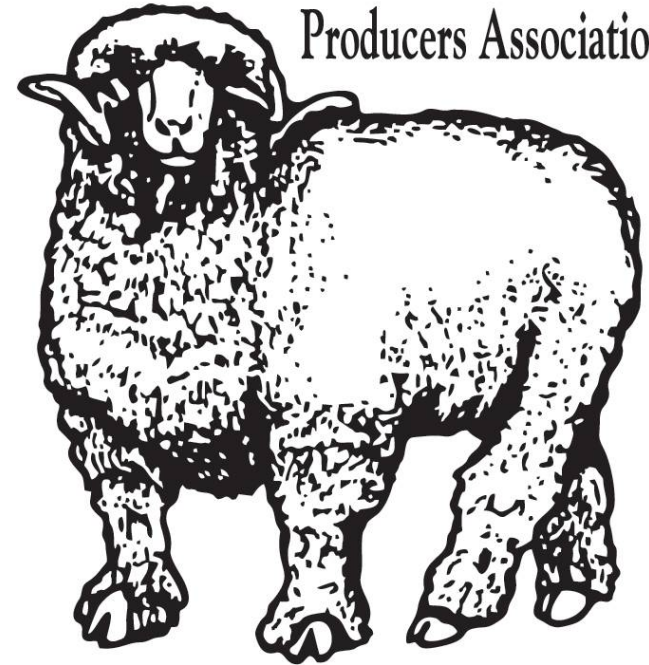
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Why welcome livestock development?



How do our Townships benefit from Livestock Development?

Farmers gain:

- an alternative market for grain, co-products
- Manure decreases input costs and improves soil health
- Diversifies on-farm income
- Decrease freight costs
- Next generation

Communities gain:

- Local business support
 - Feed processing/sales
 - Construction and maintenance services
 - Utilities, grocery, retail, etc.
- Job creation and more!



How to become a Livestock Friendly Community!

Know the facts!

*Know your
resources!*



Can current producers seek expansion? New producers?

- Are your zoning and permitting rules in synch with State?
- Are applications easy to locate and understand
- Well-defined procedures
- Reverse setbacks?
Variances?
- Facilitate community events and trainings
- Help NDLA pursue livestock development



ANIMAL FEEDING OPERATION PERMITTING

This Photo by USDA is licensed under CC BY

Water Quality Division
Karl Rockeman, P.E.
December 6, 2021

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Dakota
Be Legendary.™

Environmental Quality

START LOCAL

- Develop Ordinance
- Model Zoning Ordinance
- Board of Supervisors both legislative and executive
- Submitted to DEQ



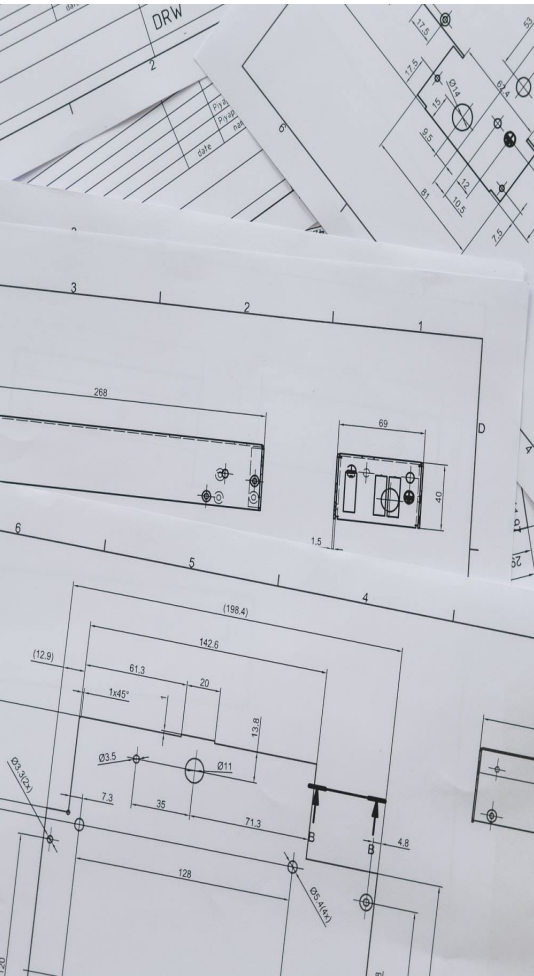
SB 2345- 2019 LEG. SESSION

1. Aligned definitions
2. Defined application process
3. Limitations on local zoning
4. Review processes



RESTRICTIONS ON ZONING

- Nature, scope, location, roads only
 - No WQ, closure, security, lagoon or NMP
- Setbacks less than or equal to model ordinance OR
- 50% greater than model if
 - Compelling, objective, specific evidence



Local Application Process

- Application contents
- 60-day timeline for decision
- No action = approval
- One-time action
 - Three years following process to construct
- Apply rules at the time of application



ND DEQ PROCESS

- Engineering Review
 - Review manure storage structures for environmental concerns
- Nutrient Management Review
 - Adequate acres to utilize manure as fertilizer
- Other Reviews
 - Operations and Maintenance
 - Groundwater
 - Setbacks



DEQ REVIEW TIMELINE

- Plan for 180 days
- 60-90 days typical
- Add 30-45 day public comment period for Large CAFO, significant public interest
- Info on deq.nd.gov

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Environmental Quality

CONTINUING OVERSIGHT

- Large CAFO's inspected annually
- Goal- Medium AFO's every 5 years
- Odor rules
- Complaints



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Environmental Quality

Livestock and Community

Invite NDLA and NDDEQ to your next meeting!

- Know your livestock rules and procedures
- Understand and adhere to the facts
- Know your reliable resources
- Practice conducting public meetings

Reject the fear = Protect community relationships





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Follow-up resources

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Environmental Quality

Karl Rockeman P.E.

Director

Division of Water Quality

North Dakota Department of

Environmental Quality

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