

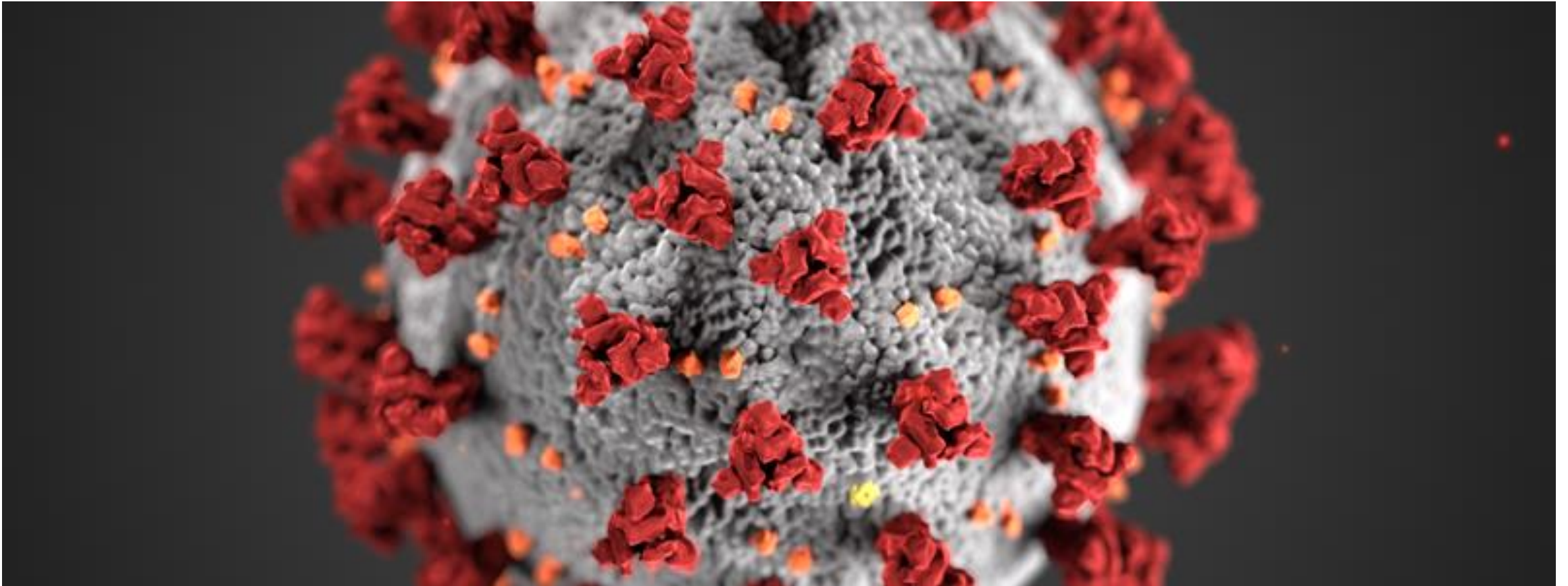


# **NMPF 2020: More Than Just COVID19**

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Vice President, Sustainability & Scientific Affairs

# But First COVID19



# COVID-19 Food Supply Lessons Learned



- Food plentiful, but supply chains disrupted
- Shifting marketplace channels resulted in numerous shortages
  - Particularly with packaging materials (from TP to beer)
- Food & Ag workers are *Essential Employees*

# COVID-19 Lessons Learned for the Dairy Industry

- Dairy industry was doing great in the 1<sup>st</sup> quarter of 2020 after a number of bad years. *This was to be the year of recovery*
- Early March 2020, when schools, restaurants and food service shut down or scaled back, things quickly took a turn for the worse as that demand disappeared
  - American consumers were splitting their food budgets 50/50 between home and restaurant/food service
- Change in supply chain resulted in some excess milk needing to be dumped
  - EPA and Wisconsin helped determine the proper way to handle it
- At retail, consumers stockpiled and hoarded, creating stockouts



# COVID-19 Lessons Learned for the Dairy Industry

## ■ Processing Plant Issues

- Difficulty getting PPE, cleaning and sanitizing chemicals, swabs, wipes and hand sanitizer
- Orders were delayed, cancelled and seized
- Some workers were afraid to go to work for fear of getting sick
- Some workers were afraid to mention they felt sick for loss of pay
- Drivers did not want to go to hot zones because CDC guidance recommended 14-day quarantines upon return
- Some workers got sick and dairy plants had to close
  - Reopening took up to a week
- Large scale testing of workers for COVID-19 was very limited
- PPE and cleaning and sanitizing chemicals will be tight for the foreseeable future
- National Academies recognizes the need to keep food and ag operating and placed us in Phase 2 of vaccine prioritization

# COVID-19 Congressional Action

- Congress has enacted several major laws this year to provide economic stimulus in response to COVID-19
- The CARES Act provided critical support for agriculture
  - \$9.5 billion coronavirus assistance fund targeted dairy
  - \$14 billion replenishment of USDA's Commodity Credit Corporation
- Funds provided by Congress became the basis of USDA's coronavirus relief package



# CFAP – Overview

- **USDA developed Coronavirus Food Assistance Program to provide direct relief to all producers for COVID-19 losses**
- **CFAP has provided strong support to dairy in two rounds of payments**
  - 1<sup>st</sup> round covered first-quarter losses at \$6.20/cwt. totaling \$1.75 billion
  - 2<sup>nd</sup> round covering post-Q1 losses at \$1.20/cwt. expected to total \$1.34 billion
    - Actual production for April 1-August 30
    - Estimated production for remainder of year





# CFAP – NMPF Successes

- Secured strong bipartisan, bicameral backing in Congress for **dairy to receive significant funding**
- Worked with numerous USDA staff to achieve a formula for determining farmer support that was a **significant improvement over dairy's share of trade aid program funds**
- Ensured that DMC and other **risk management payments would NOT be deducted** from CFAP payments
- Built bipartisan and cross-industry **coalition to oppose payment limits**
  - Original \$125k payment limit raised to \$250k/500k/750k
- Worked successfully with USDA to **secure fair treatment for farm trusts**
- **Improved direct attribution process** to treat all farmers fairly, regardless of their shares of ownership
- Requested additional purchases of international food aid **focusing on non-fat dry milk**





# Farmers to Families Food Box Program

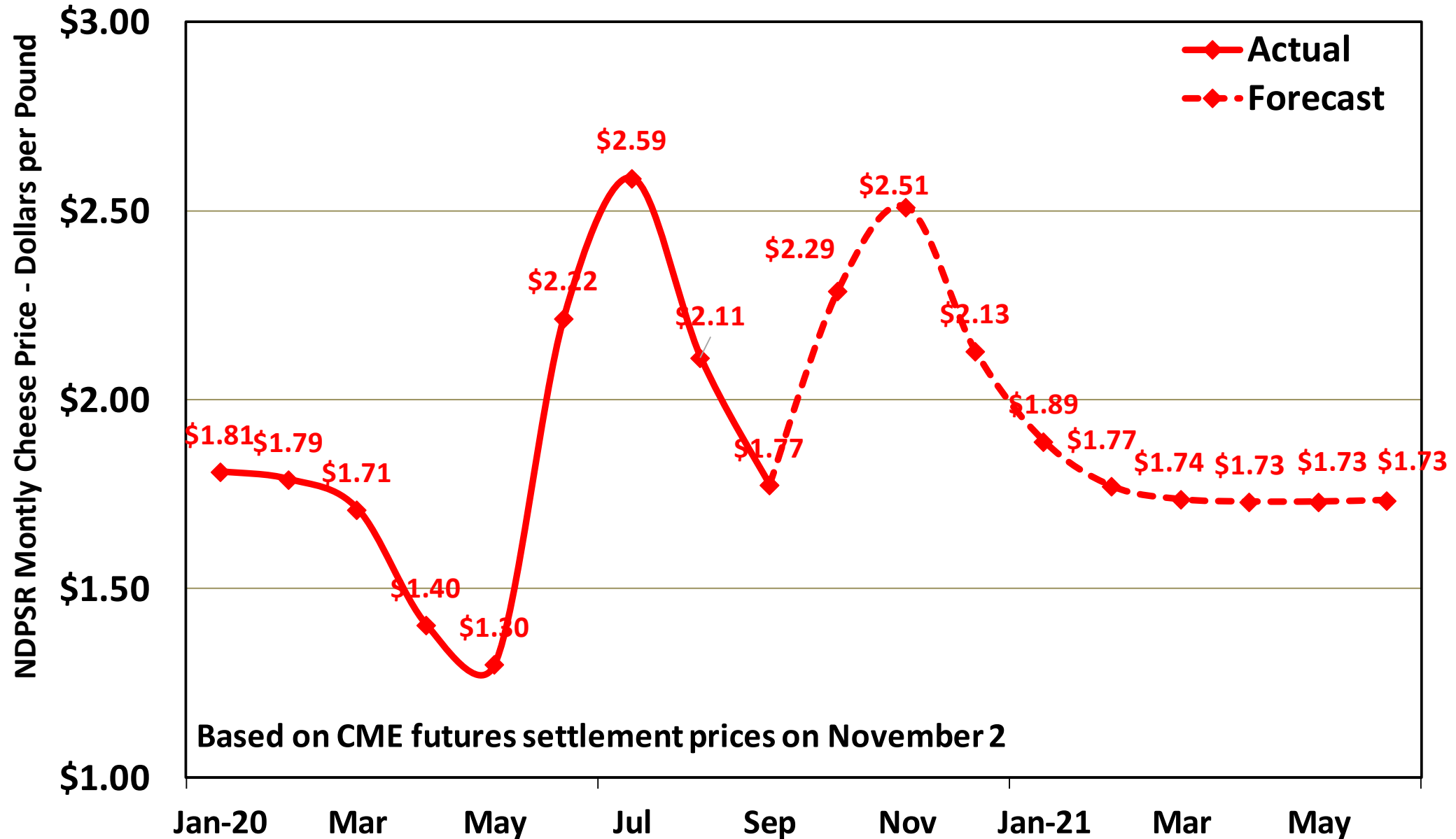
- **Program on track to purchase up to \$4 billion**
  - Primary products are dairy, meat, and fresh produce
  - Dairy totaled roughly \$605 million in first two rounds and may reach \$1 billion
- **Delivery occurring over three rounds**
  - Round 1 totaled \$945 million
    - Delivered 35.6 million boxes
  - Round 2 totaled \$1.7 billion
    - Delivered 49.9 million boxes
  - Round 3 likely to total over \$1 billion
    - Delivered 11.5 million boxes so far

## NMPF advocated for significant dairy purchases

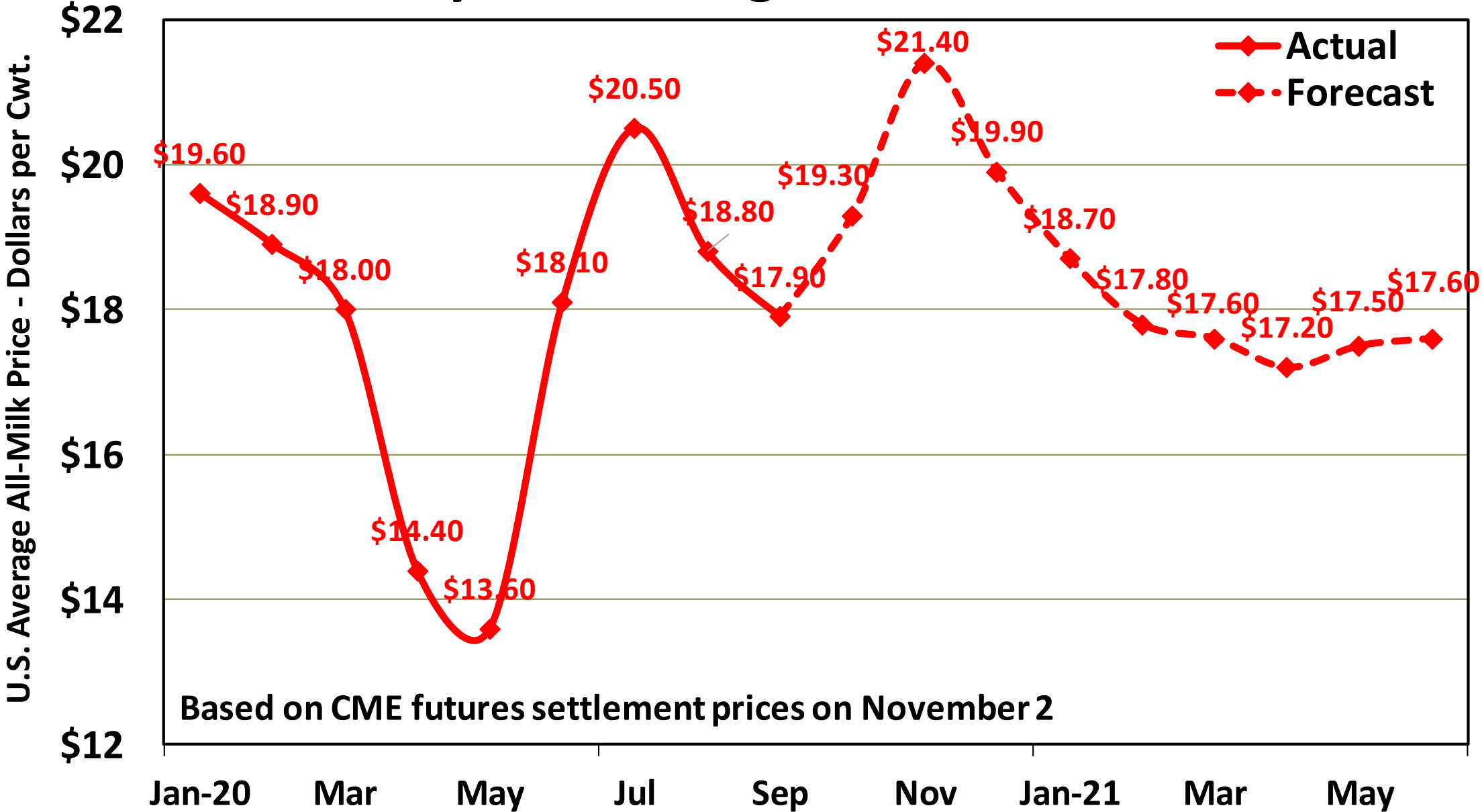
- Secured USDA commitment for dairy products in program
- Gained additional \$100 million for dairy in Round 1
- Advocating for more substantial butter purchases



# Monthly U.S. Average Cheese Prices, 2020-2021 f



# Monthly U.S. Average Milk Prices, 2020-2021 f



# Environment Policy Focuses in 2020

- Water
- Air
- PFAS
- Net Zero Initiative





# Navigable Waters Protection Rule Update

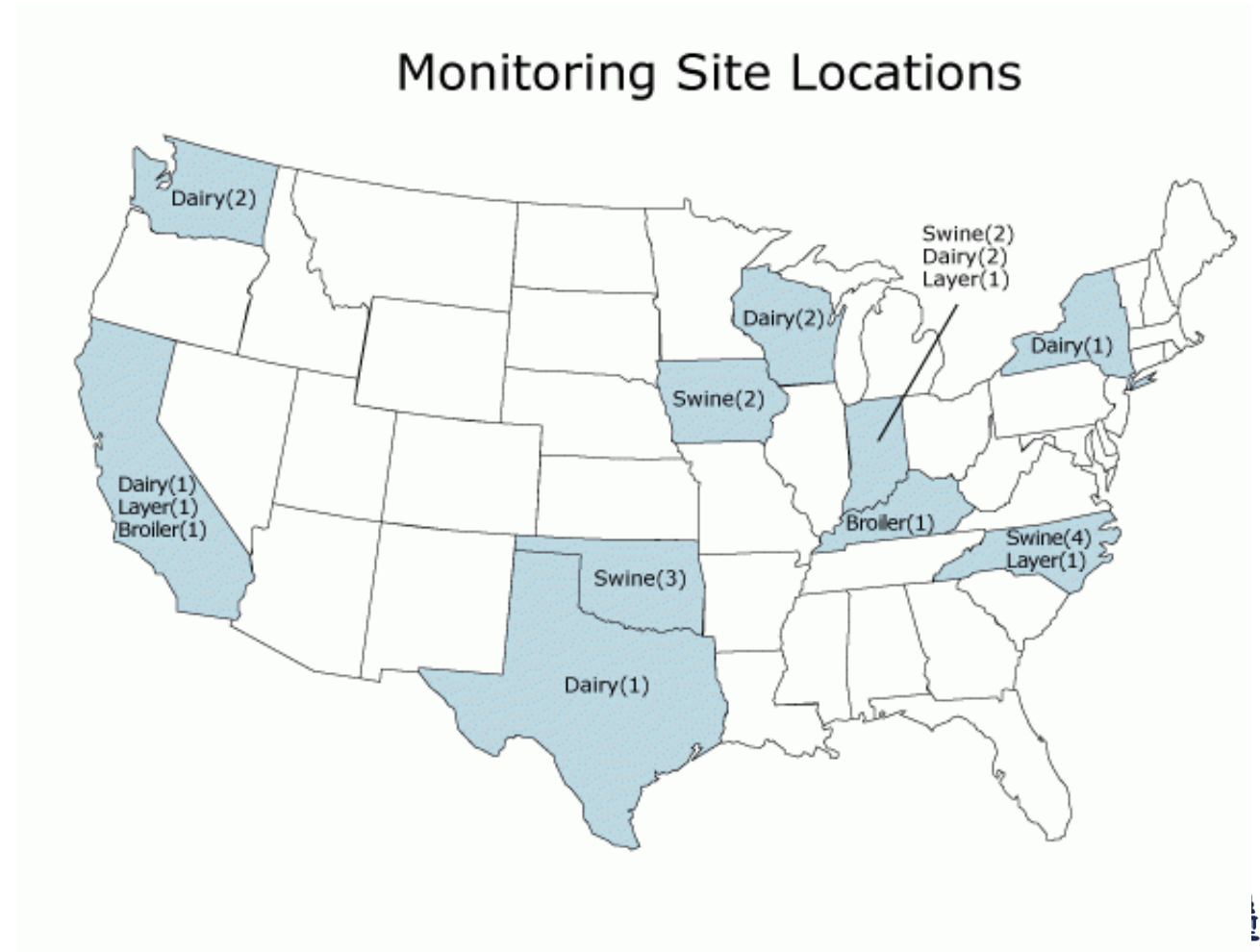


- **Final rule became effective on June 22**
- **Four lawsuits are already filed:**
  - New Mexico Cattle Growers Association – the rule is too broad
  - Three activist organization suits – the rule is too narrow
- **Considerable uncertainty as to what rule applies if courts issue injunctions**

# NAEMS Update

## ■ National Air Emissions Monitoring Study

- Funded in 2005 by animal agriculture groups
- After 15 years, the draft models for swine were just released
- Dairy farm models are expected in December of 2021



# PFAS and Testing

- **PFAS “forever” chemicals enter the environment through sewage sludge, industrial waste, unlined landfills and firefighting foams and tend to persist**
- **While it is a WATER issue, some milk has tested positive for it in New Mexico and Maine**
- **Both states are now doing different forms of testing**
  - Maine is testing retail milk samples -- all samples were below the Maine action limit, so no recalls were initiated
  - New Mexico will test where water contamination from military bases warrants
- **FDA tested food samples as part of the Total Dietary Study**
  - All samples came back negative except for tilapia

# EPA's PFAS Action Plan

- Issued preliminary determination to regulate PFOA and PFOS
- Developed new validated methods to accurately test for 11 additional PFAS in drinking water
- Announced availability of \$4.8 million in funding for new research on managing PFAS in agriculture
- Issued interim recommendations for addressing groundwater contaminated with PFOA and PFAS





# VISION **Net Zero Initiative - U.S. Dairy as Environmental Solution**

## GOALS

By 2050, **U.S. dairy collectively commits to:**

BECOME CARBON  
NEUTRAL OR BETTER

OPTIMIZE WATER USE WHILE  
MAXIMIZING RECYCLING

IMPROVE WATER QUALITY  
BY OPTIMIZING  
UTILIZATION OF MANURE  
AND NUTRIENTS

## ON-FARM STRATEGY

### U.S. Dairy Net Zero Initiative (NZI)

KNOCKING DOWN BARRIERS TO ACHIEVE NET ZERO GHG AND SIGNIFICANT IMPROVEMENTS IN WATER **FROM FIELD TO FARM GATE**

## WORKSTREAMS

### GROUNDWORK

Foundational work on environmental and economic analysis, research and measurement to inform decisions, update models and advance outcomes that will benefit all dairy farms

### DAIRY SCALE FOR GOOD (DS4G)

Expedited economic and environmental projects on a small set of pilot farms to prove the business case, decrease capital cost and create additional revenue streams as a catalyst for solutions on all farms

### COLLECTIVE IMPACT

Collaborative action to stimulate greater access to technical, financial and educational support and motivate the adoption of environmental practices across farms of all sizes, regions and designs



and member constituents

# Farm System Approach

## Better feed production and practice changes:

- No/low-till farming and cover crops
- Renewable fertilizers
- Precision agriculture

## Manure handling and nutrient use:

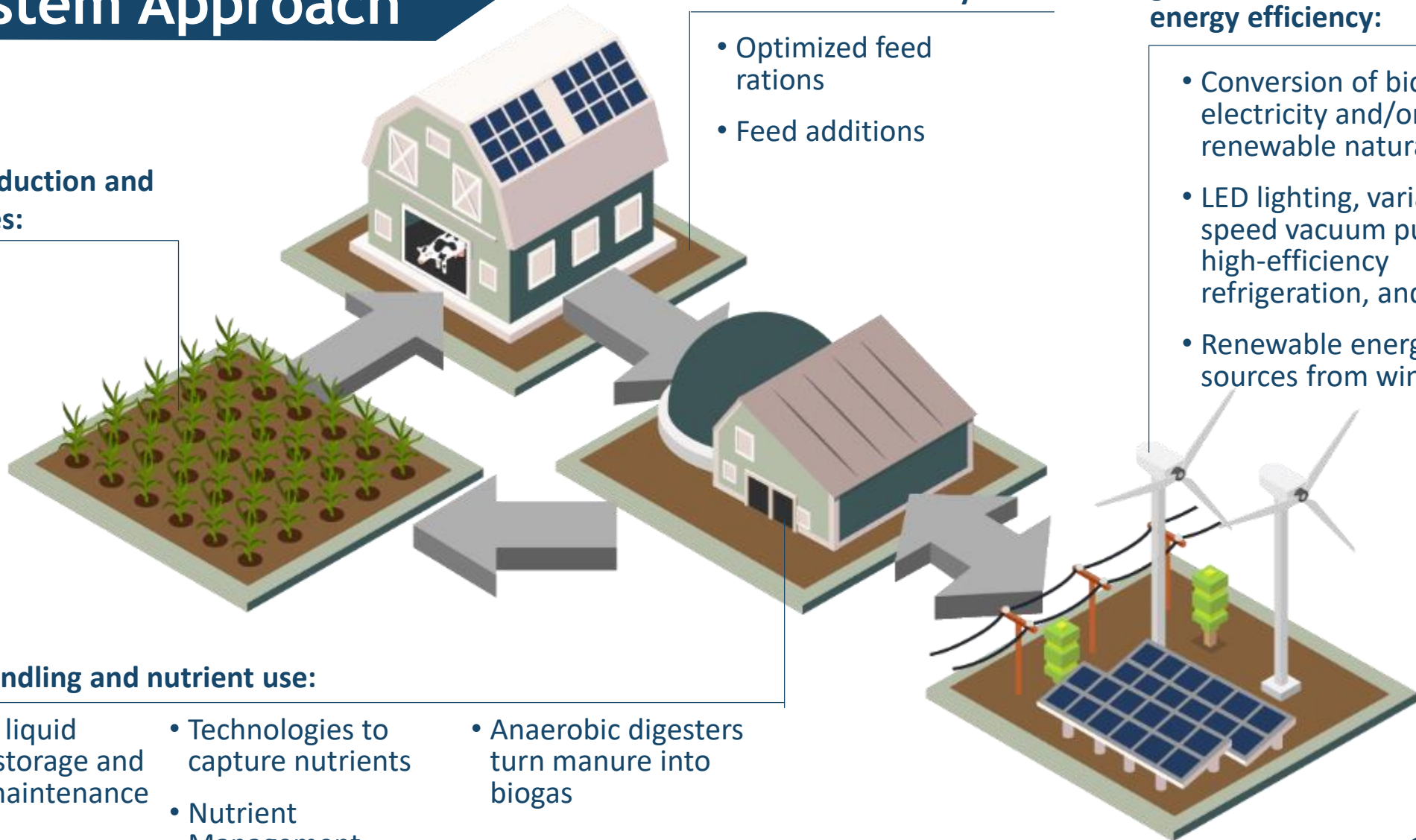
- Reduced liquid manure storage and proper maintenance
- Technologies to capture nutrients
- Nutrient Management Planning
- Anaerobic digesters turn manure into biogas

## Cow care & efficiency:

- Optimized feed rations
- Feed additions

## Renewable energy generation and on-farm energy efficiency:

- Conversion of biogas into electricity and/or renewable natural gas
- LED lighting, variable speed vacuum pumps, high-efficiency refrigeration, and fans
- Renewable energy sources from wind/solar



# An integrated plan with each organization playing a distinct role to advance on-farm sustainability efforts



**Advance science and affairs**

**Lead communications, outreach and partner development**

**Convene and engage dairy value chain**

**Lead outreach with food companies**

**Provide dairy farms with opportunity through legislative and regulatory enhancements**

**Evolve Farm ES to provide greater value to farms and industry**

**Increase access to viable technologies and practices**

**Create revenue streams through ecosystem services markets, manure-based products and renewable energy markets**

**Support global alignment and positioning of U.S. dairy**

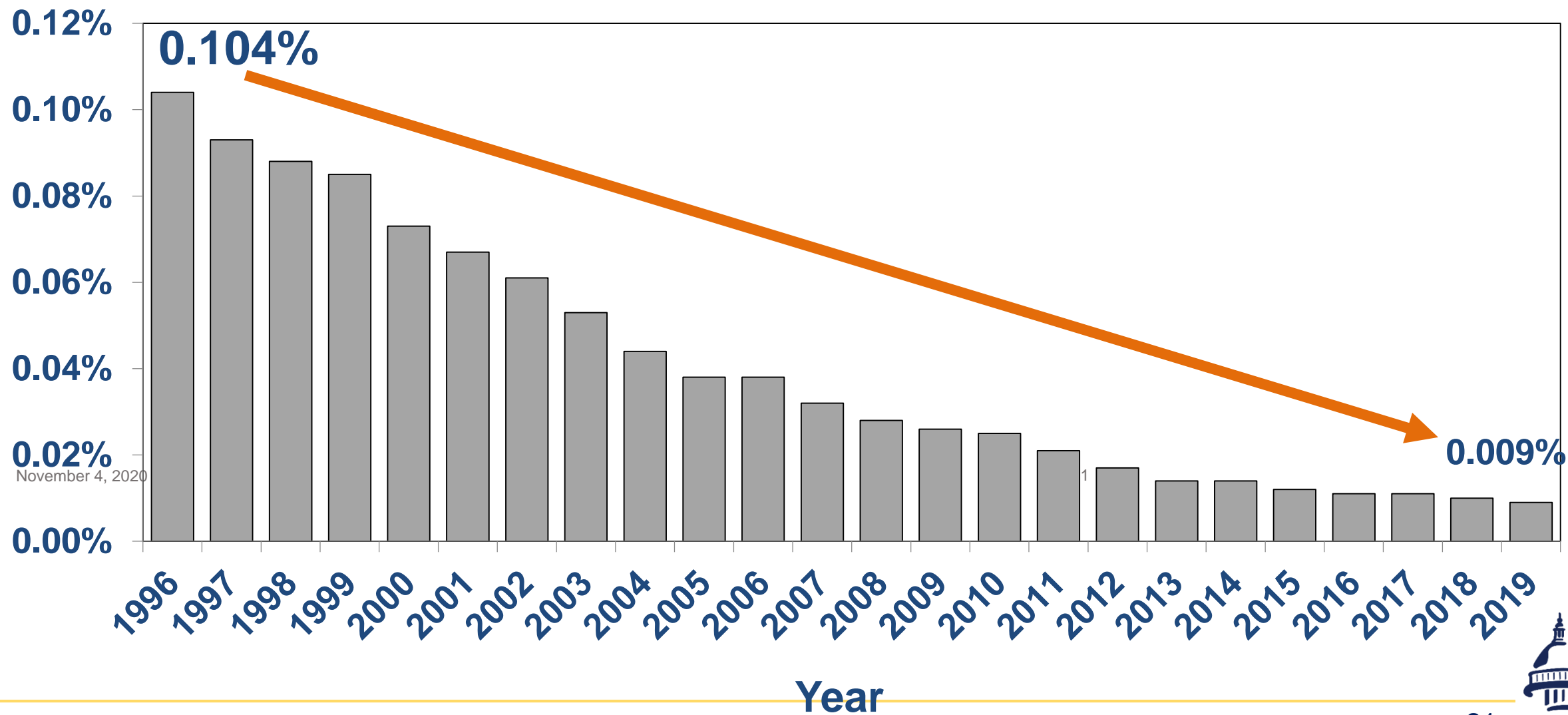
# Animal Health

- Antibiotic Use and Antimicrobial Resistance
- Foot and Mouth Disease Preparedness
- Bovine TB Eradication

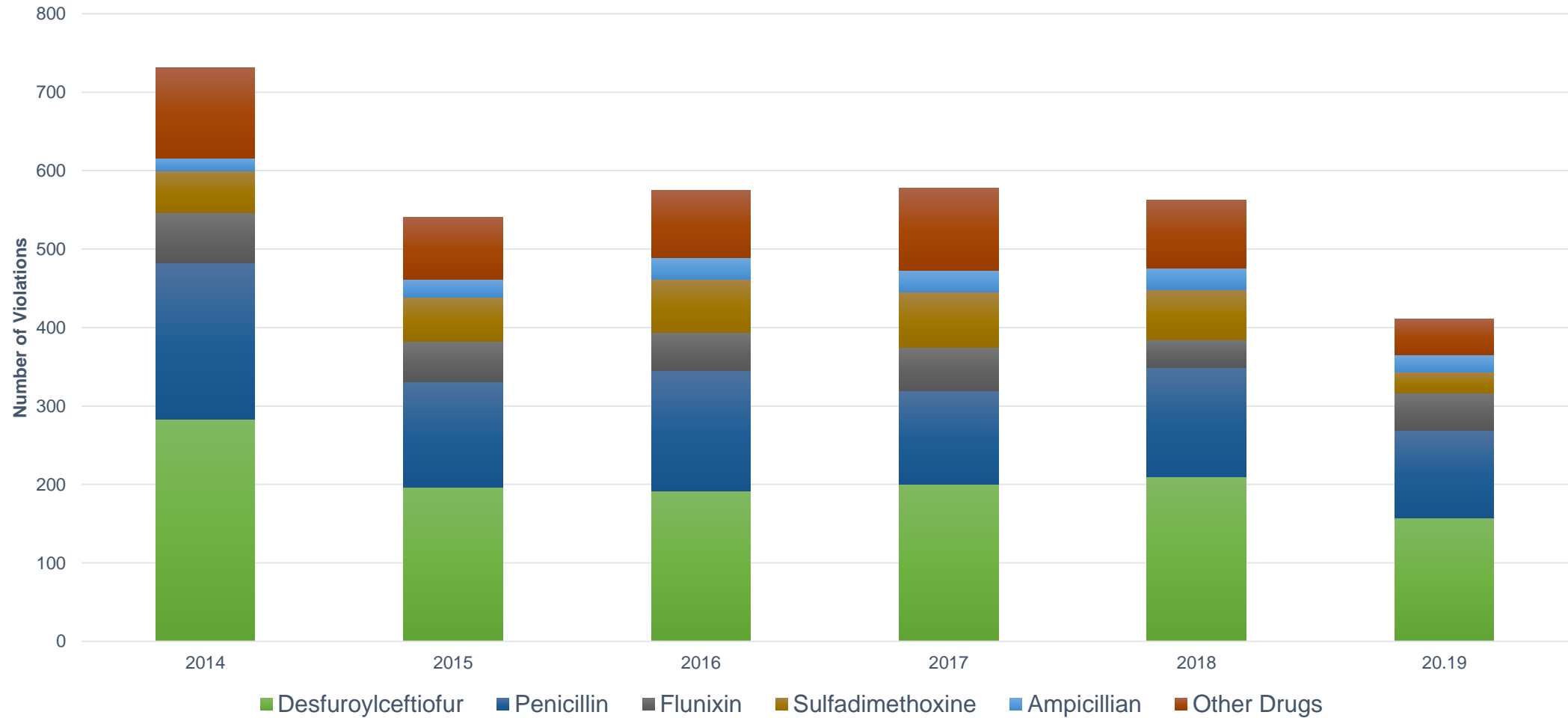




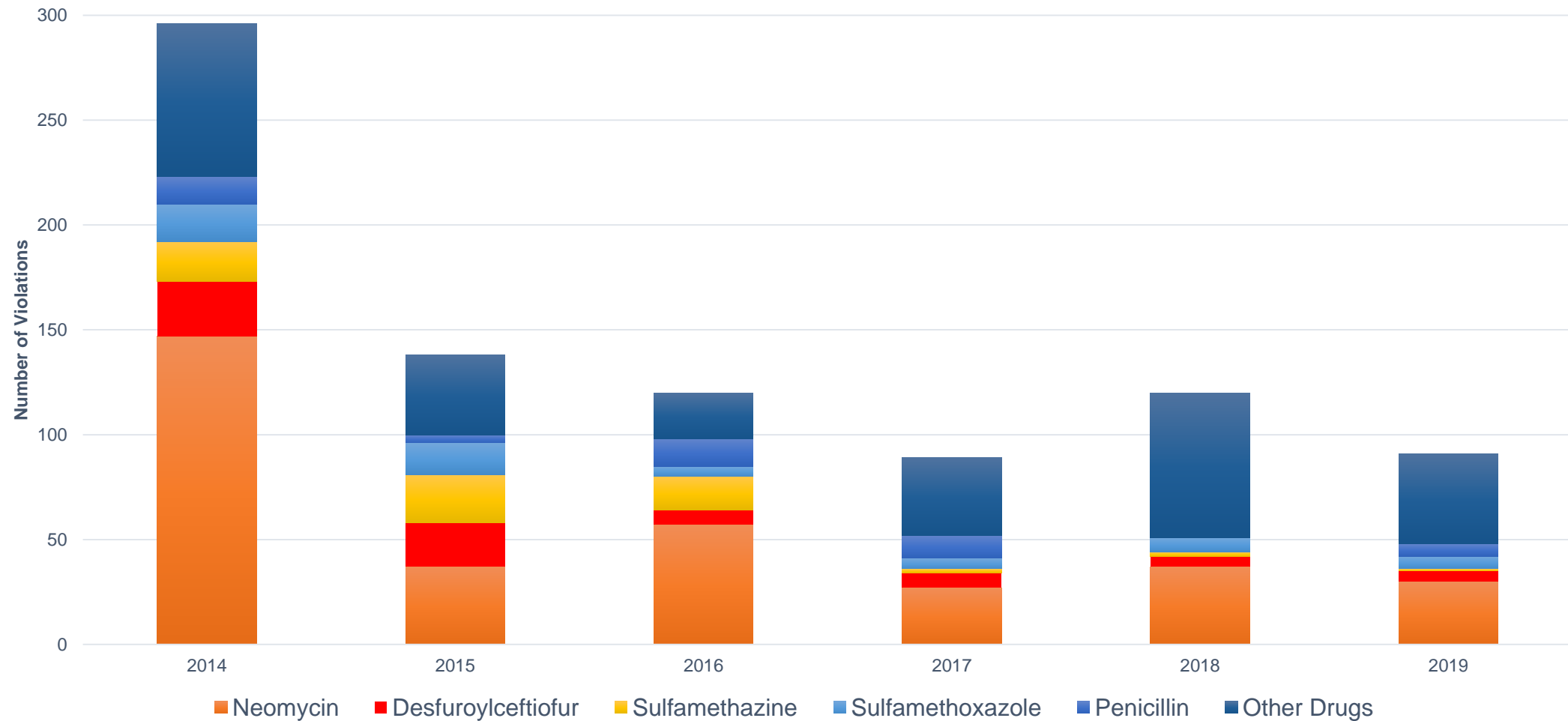
# Percent of Bulk Milk Tankers Positive for Antibiotic Residues



# Dairy Cull Cow Tissue Residue Violations



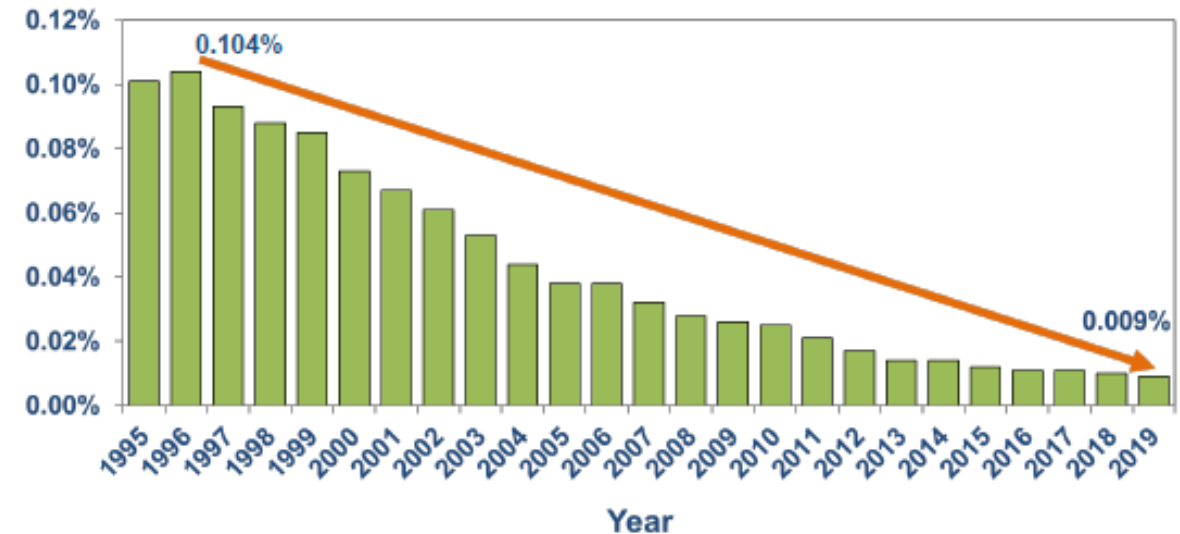
# Bob Veal Tissue Residue Violations



# Zero-Day Withdrawal Antibiotics

- FDA requested comment on zero-day withdrawal antibiotics and milking frequencies on U.S. dairy farms
- NMPF conducted nationwide survey and analyzed FARM data
- Submitted 168-page comments emphasizing the dairy industry's commitment to the safe and judicious use of antibiotics

Figure 2. Percent of bulk milk tankers reported positive for an antibiotic residue by the National Milk Drug Residue Database.



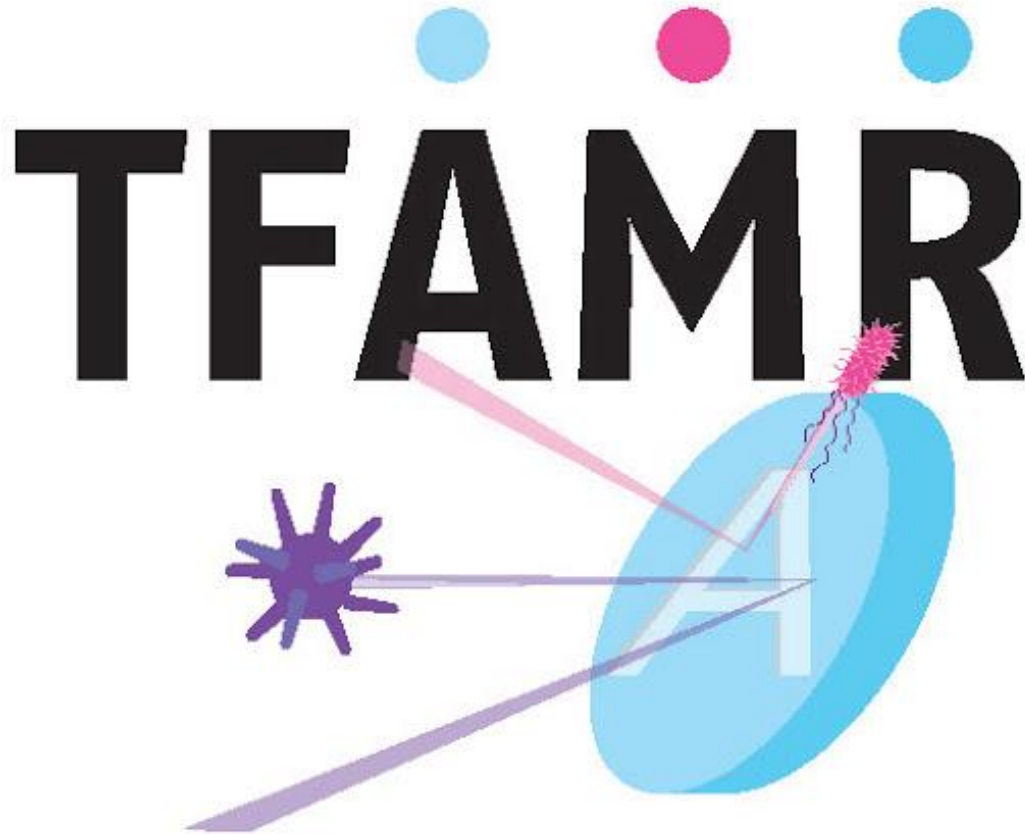


# OTC Antimicrobials Being Restricted

- FDA draft guidance requests pharmaceutical manufacturers to voluntarily move medically-important antibiotics from OTC to Rx
- NMPF comments:
  - Support voluntary move OTC-Rx
  - FARM Program VCPR data

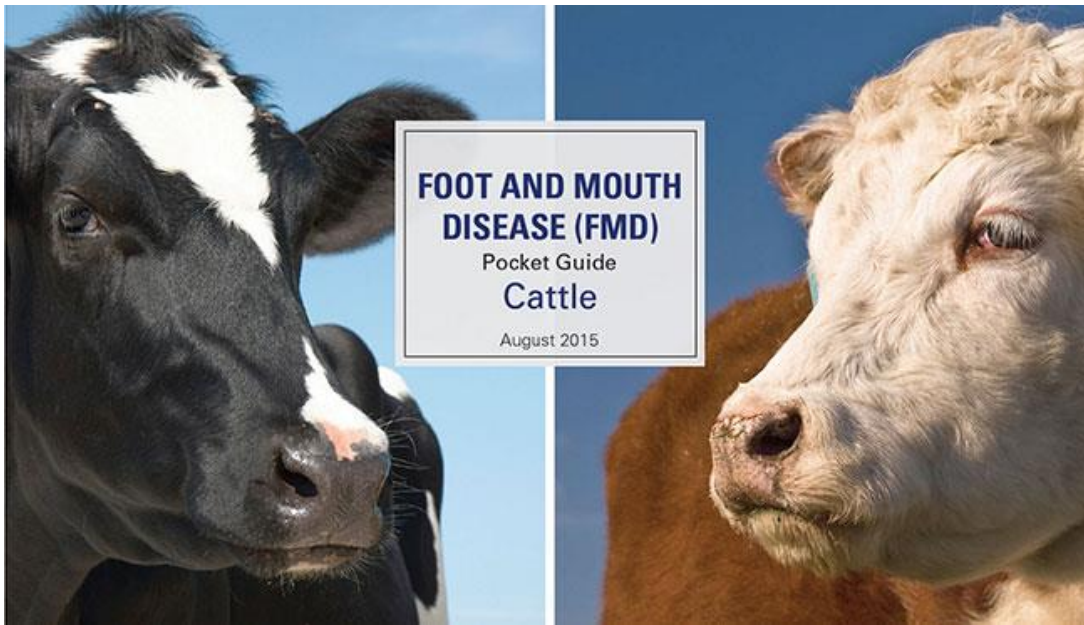
Region	Total with VCPR	Total Evaluations	Share with VCPR
Western	1,749	2,026	86%
Mountain Plains	2,318	2,619	89%
Southwest	646	790	82%
Midwest	10,889	13,977	78%
Northeast	3,258	4,550	72%
Midatlantic	4,172	5,665	74%
Southeast	990	1,308	76%
Nationwide	24,022	30,935	78%

# Codex Task Force on AMR



- **Big protections at last meeting**
  - Animal-only antibiotics defined
  - Treatment, control, and prevention uses defined
- **But....EU, Russia, and Norway**
  - Push back at highest Codex levels
- **Remain diligent, work with U.S. delegation, IDF delegation, and others**
  - NMPF and USDEC working closely together

# 2014 NMPF FMD Preparedness Priorities



1. Vaccine use in a U.S. outbreak;
2. Vaccine research and antigen bank capabilities;
3. USDA laboratory and field diagnosis;
4. Secure Milk Supply; and
5. On-farm biosecurity and FMD educational materials.

# Recent FMD Preparedness Updates



- **FMD vaccine bank modernization**
  - July – USDA announces \$27.1 million FMD vaccine purchase
  - Purchases to continue in future years
- **Next generation FMD vaccine**
  - Zoetis petition to manufacture attenuated FMD vaccine on U.S. mainland
  - Leaderless vaccine technology allows for rapid development by strain



# Secure Milk Supply Plan



- **State and regional coordination**
  - California
  - Colorado
  - Kansas
  - Mid-Atlantic
  - Minnesota
  - New England
  - Washington
  - Wisconsin
- **Submitted USDA grant proposal**
  - \$480,000 to integrate Secure Milk Supply into FARM program
  - Goal to facilitate transfer of information from farms to state/federal animal health officials in an FMD outbreak

# NMPF Tuberculosis Task Force

- Established by Karen Jordan, DVM, NMPF Animal Health & Wellbeing Committee Chair
- Task:
  - Establish U.S. dairy recommendations for modernizing TB eradication program
- Approach:
  - Webinars with farmers, state/federal animal health authorities, and researchers
- More to come...





# USDA Tuberculosis

- Updated TB import regulations in September
- Proposed research:
  - TB vaccine for deer in Michigan
  - TB vaccine for dairy in Baja California
- Animal ID
  - Require RFID tags for interstate movement 1/1/2023



# Nutrition, Food Safety, and Labeling

- Fake Milk Products
- Dietary Guidelines for Americans
- Ultrafiltered Milk





# Plant-Based Product Labeling – Litigation



- **Current court case between the State of California and Miyoko's Kitchen**
  - CDFA told Miyoko's to remove the word butter from their label in addition to removing "Lactose Free," "Hormone Free," "Revolutionizing Dairy with Plants" and "Cruelty Free"
  - Miyoko's Kitchen is suing CDFA based on the 1<sup>st</sup> amendment
- **Court issued an injunction against CDFA**
  - Bans CDFA from enforcing against the use of "butter," "cruelty free" and "lactose free"
- **Still in the early stages of litigation**

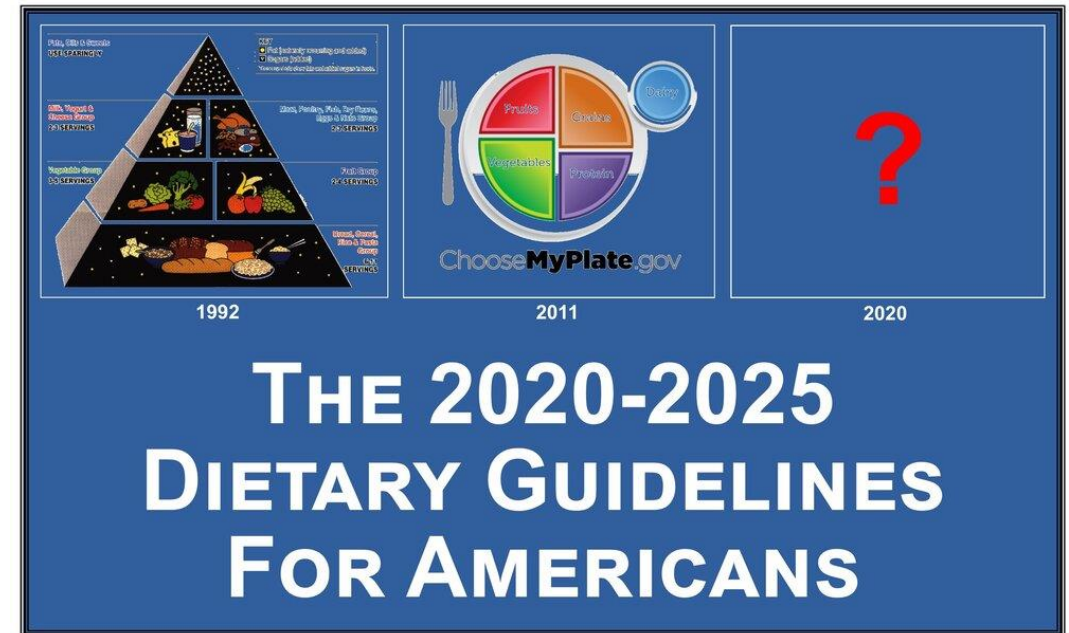
# Plant-Based Product Labeling - FDA



- **NMPF submitted comments to the FDA General Principles for Standards of Identity docket emphasizing how plant-based marketers violate all of them**
- **NMPF engaging with FDA's ombudsman**
  - No common or usual names established
  - Non-enforcement violates the Administrative Procedures Act
  - Non-enforcement is an agency re-write of Congress's 1928 Butter Act

# Dietary Guidelines for Americans 2020

- **Advisory Committee's scientific report released in July**
- **Key points from report:**
  - Dairy maintains its own food group
  - Dairy included in the guidelines for birth to 24 months old (new guidance)
    - Cheese & yogurt – 6 to 12 months old
    - All dairy – 1 to 2 years old
  - 3 servings of low-fat and non-fat dairy still recommended in the healthy U.S. and vegetarian diets
  - Saturated fat limit remains at 10% (kcal)
  - DGAC acknowledged new science on fat



# Dietary Guidelines for Americans 2020

- **Final policy document will be released by the end of this year**
- **The full fat fight continues!**
  - NMPF/IDFA letter to HHS & USDA – June
  - NMPF oral comments – August
  - NMPF written comments – August
  - NMPF meeting w/ USDA Undersecretary Lipps – October
  - Congress sends NMPF-initiated letter to HHS & USDA supporting robust review of dairy science – October

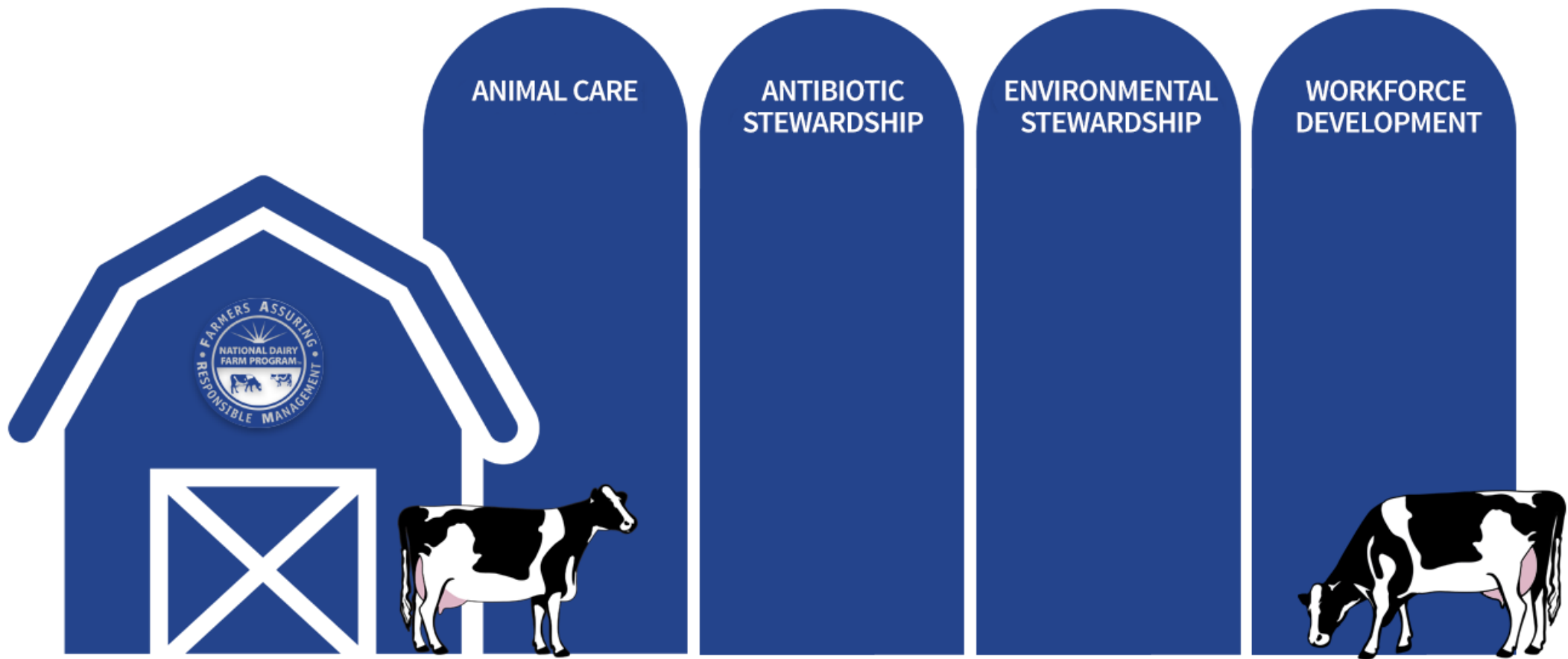




# Ultrafiltered Milk Docket

- **FDA re-opened the UF milk proposed rule docket first published in 2005**
- **Proposed rule would allow UF milk use in cheesemaking, which FDA has conditionally allowed using enforcement discretion**
- **NMPF submitted comments with IDFA**
- **Key points:**
  - UF and MF milk made in-plant or from another plant can be used in cheese
  - UF and MF milk must be liquid
  - If UF/MF milk is used, it would still be labeled as “milk” on the ingredient statement





# FARM Program Cycle Extensions

**Due to COVID-19 pandemic, all FARM Program cycles have been adjusted, now to remain in place through December 31, 2023**

## ▪ **Animal Care 4.0**

- 2<sup>nd</sup> party evaluations & 3<sup>rd</sup> party verifications recommended temporary stoppage
- MCAP and CIP deadlines extended
- Evaluator trainings moved to virtual platform provided by Acer Consulting
- Willful mistreatment protocol execution on an as-needed basis

## ▪ **Environmental Stewardship 2.0**

- Participants using the sampling protocol to survey farms over the course of 3 years are encouraged to now complete assessment from 2020 to 2023

## ▪ **Workforce Development 1.0**

- WFD Version 1.1, that contains guidance tailored to smaller operations, will be developed for use by end of 2021, as originally planned

# New Database Provider

## ■ Innovation

- Virtual capabilities
- On-farm software integration

## ■ Customer focus

- Producer usability
  - Protocol builder
  - Record tracking
  - Self-reporting

## ■ Customer satisfaction

- Reliability, usability & reduce development time

## ■ Practical problem solving

- Working Group establishment

## ■ Customer support



# CONSIDERATIONS WHEN TRANSPORTING DAIRY ANIMALS

Make decisions in a timely and efficient manner, always considering animal well-being first.

- DO**
- ✓ Treat, cull or euthanize animals promptly. Segregate sick, injured and non-ambulatory animals from the rest of the herd.
  - ✓ Use a BQA Transportation (BQAT)-certified company that is knowledgeable about your animal care expectations and provides safe and comfortable transport for animals. To become certified visit: [www.bqa.org](http://www.bqa.org).
  - ✓ Delay transport of animals that appear exhausted or dehydrated. Cows experiencing heat stress or exhaustion may exhibit open-mouth panting and be reluctant to move. Transport once the animal is rested, fed and rehydrated.
  - ✓ Milk lactating cows just prior to transport.

## DON'T TRANSPORT ANIMALS

- ✗ That are non-ambulatory.
- ✗ Until all proper milk and meat withdrawal times have been followed. Refer to the *FARM Milk & Dairy Beef Residue Manual* for proper withdrawal times.
- ✗ In poor body condition, general
- ✗ With conditions that risk their welfare including but not limited to:
  - Emaciated animals
  - Cancer eye
  - Blindness in both eyes
  - Fever greater than 103°F
  - Drug residues
  - Peritonitis
- ✗ With bone fractures of the limbs or injuries to the spine.
- Animals with recent fractures unrelated to mobility should be culled and transported.

Always consult with your veterinarian. And, remember, abuse is never acceptable.

Therapeutic use of drugs is acceptable.

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# New Resources

## DAIRY CATTLE EUTHANASIA DECISION TREE

Use the following decision tree to determine if euthanasia should be performed immediately.

Pain: An unpleasant physical sensation occurring in varying degrees of severity because of injury, disease or resulting from a medical or management procedure.

IS THE ANIMAL EXPERIENCING PAIN, SUFFERING OR DEBILITATING INJURY OR DISEASE?

YES NO

Can you effectively treat or manage the animal?

YES NO

Treat animal in accordance with your herd health plan and in consultation with your veterinarian. Re-evaluate animal regularly until it has recovered.

NO

Consider euthanasia by a properly trained individual AND/OR Consult with veterinarian ASAP.

YES NO

Has the animal been non-ambulatory for 24 hours or more?

YES NO

Consider euthanasia by a properly trained individual AND/OR Consult with veterinarian ASAP.

YES NO

Can she sit upright on her own?

YES NO

Consider euthanasia by a properly trained individual AND/OR Consult with veterinarian ASAP.

YES NO

Will she drink?

YES NO

Treat animal in accordance with your herd health plan and in consultation with your veterinarian. Re-evaluate animal regularly until it has recovered.

NO

Consider euthanasia by a properly trained individual AND/OR Consult with veterinarian ASAP.

YES NO

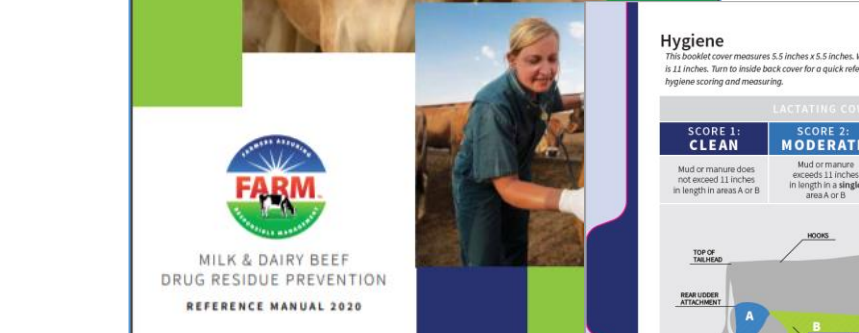
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YES NO

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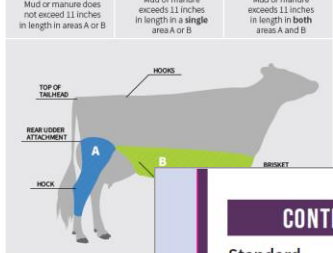


Daily Treatment Record - Read Only - Edit														
File Home Insert Page Layout Formulas Data Review View Help Acrobat Search														
A1 B1 C1 D1 E1 F1 G1 H1 I1 J1 K1 L1 M1 N1 O1														
Farm Name	Cow ID	Time of Treatment	Time	Days	Diagnosis	Treatment	Storage	Brand of Animal	Brand of Treatment	Withdrawal Time	Calculated Withdrawal Period Expires	Animal Date	Residue Test	Remarks
	1	10/10/20	10:00 AM	1	Wound	Penicillin	1000	1000	1000	1000	1000	10/10/20	1000	1000
	2	10/10/20	10:00 AM	1	Wound	Penicillin	1000	1000	1000	1000	1000	10/10/20	1000	1000
	3	10/10/20	10:00 AM	1	Wound	Penicillin	1000	1000	1000	1000	1000	10/10/20	1000	1000
	4	10/10/20	10:00 AM	1	Wound	Penicillin	1000	1000	1000	1000	1000	10/10/20	1000	1000
	5	10/10/20	10:00 AM	1	Wound	Penicillin	1000	1000	1000	1000	1000	10/10/20	1000	1000
	6	10/10/20	10:00 AM	1	Wound	Penicillin	1000	1000	1000	1000	1000	10/10/20	1000	1000
	7	10/10/20	10:00 AM	1	Wound	Penicillin	1000	1000	1000	1000	1000	10/10/20	1000	1000
	8	10/10/20	10:00 AM	1	Wound	Penicillin	1000	1000	1000	1000	1000	10/10/20	1000	1000
	9	10/10/20	10:00 AM	1	Wound	Penicillin	1000	1000	1000	1000	1000	10/10/20	1000	1000
	10	10/10/20	10:00 AM	1	Wound	Penicillin	1000	1000	1000	1000	1000	10/10/20	1000	1000
	11	10/10/20	10:00 AM	1	Wound	Penicillin	1000	1000	1000	1000	1000	10/10/20	1000	1000
	12	10/10/20	10:00 AM	1	Wound	Penicillin	1000	1000	1000	1000	1000	10/10/20	1000	1000
	13	10/10/20	10:00 AM	1	Wound	Penicillin	1000	1000	1000	1000	1000	10/10/20	1000	1000
	14	10/10/20	10:00 AM	1	Wound	Penicillin	1000	1000	1000	1000	1000	10/10/20	1000	1000
	15	10/10/20	10:00 AM	1	Wound	Penicillin	1000	1000	1000	1000	1000	10/10/20	1000	1000
	16	10/10/20	10:00 AM	1	Wound	Penicillin	1000	1000	1000	1000	1000	10/10/20	1000	1000
	17	10/10/20	10:00 AM	1	Wound	Penicillin	1000	1000	1000	1000	1000	10/10/20	1000	1000
	18	10/10/20	10:00 AM	1	Wound	Penicillin	1000	1000	1000	1000	1000	10/10/20	1000	1000
	19	10/10/20	10:00 AM	1	Wound	Penicillin	1000	1000	1000	1000	1000	10/10/20	1000	1000
	20	10/10/20	10:00 AM	1	Wound	Penicillin	1000	1000	1000	1000	1000	10/10/20	1000	1000
	21	10/10/20	10:00 AM	1	Wound	Penicillin	1000	1000	1000	1000	1000	10/10/20	1000	1000
	22	10/10/20	10:00 AM	1	Wound	Penicillin	1000	1000	1000	1000	1000	10/10/20	1000	1000
	23	10/10/20	10:00 AM	1	Wound	Penicillin	1000	1000	1000	1000	1000	10/10/20	1000	1000
	24	10/10/20	10:00 AM	1	Wound	Penicillin	1000	1000	1000	1000	1000	10/10/20	1000	1000
	25	10/10/20	10:00 AM	1	Wound	Penicillin	1000	1000	1000	1000	1000	10/10/20	1000	1000

## Hygiene

This booklet cover measures 5.5 inches x 5.5 inches. When open, the length of the cover is 11 inches. Turn to inside back cover for a quick reference guide with more details on hygiene scoring and measuring.

LACTATING COWS		
SCORE 1: CLEAN	SCORE 2: MODERATE	SCORE 3: VERY DIRTY
Mud or manure does not exceed 11 inches in length in areas A or B.	Mud or manure exceeds 11 inches in length in a single area A or B.	Mud or manure exceeds 11 inches in length in both areas A and B.



## Locomotion



**SCORE 1 NORMAL**  
Animal walks easily with no or only minor changes in gait. Steps may be slightly uneven.

**SCORE 2 MODERATE**  
Asymmetric gait. Exhibits any of the following: shortening of the stride, slight limp, weight transfer while moving, but may bear weight evenly while standing.

**SCORE 3 SEVERE**  
Difficulty bearing weight on a limb and may also exhibit obvious back arch or head bob. Animals in this category should be culled.

## CONTINUING EDUCATION

### Standard

FAMILY LABOR	NON-FAMILY LABOR
Failed Standard Triggers Continuous Improvement Plan	Failed Standard Triggers Mandatory Corrective Action Plan
Stockmanship continuing education	Stockmanship continuing education
Pre-weaned calf care continuing education	Pre-weaned calf care continuing education
Non-ambulatory animals continuing education	Non-ambulatory animals continuing education
Euthanasia continuing education	Euthanasia continuing education
Determining animals that are fit for transport continuing education	Determining animals that are fit for transport continuing education

Any individuals with the any of the above responsibilities are expected to have annual, documented continuing education in that area.

### Compliance

FAMILY LABOR	NON-FAMILY LABOR
Each family member (18 years and older) can have a documented training record for those identified tasks they have responsibility within	Each individual (18 years and older) must have a documented training record for those identified tasks they have responsibility within
OR	
One family member can sign on behalf and take responsibility for training all immediate family members (18 years and older); individuals must be listed on document	

**Immediate family** is defined as a grandparent, parent, in-law, spouse, partner, sibling, child or grandchild of the legal guardian(s) or legal owner(s) of the dairy operation.



# New Resources

[NEWSROOM](#)
[STORE](#)
[EVENTS](#)
[BLOG](#)
[CONTACT US](#)
[REPORT ANIMAL ABUSE](#)
[PARTICIPANT LOGIN](#)

[Home](#)
[What is FARM? ▾](#)
[FARM Standards ▾](#)
[FARM Resources ▾](#)

**I CARE- A MI SI ME IMPORTA** illustrates to dairy employees how outlines the importance of being committed to animal care for dairy farm owners to work together to protect their livelihood and the animals on their farms. The video also discusses the importance of animal care for dairy activists, undercover employee tactics and encourages employees to report animal care issues.

**Certificate of Completion**

THIS CERTIFICATE IS AWARDED TO

\_\_\_\_\_

FOR COMPLETING THE

*I Care - A Mi Se Me Importa*

VIDEO AND AM COMMITTED TO MY ROLE ON THE FARM AND THE ANIMALS WITHIN MY CARE.

\_\_\_\_\_

DATE

\_\_\_\_\_

DAIRY

**Certificado de Cumplimiento**

ESTE CERTIFICADO ES OTORGADO A

\_\_\_\_\_

POR COMPLETAR EL VIDEO

*I Care - A Mi Se Me Importa*

Y EL COMPROMISO CON MI CARGO EN LA LECHERÍA Y LOS ANIMALES QUE ESTÁN DENTRO DE MI CUIDADO

\_\_\_\_\_

FECHA

\_\_\_\_\_

LECHERÍA

# 02

## Definitions

**Participant:** Cooperative, proprietary processor, association or farm that has signed current participation agreement with FARM. Participants manage the FARM Animal Care Program on behalf of the farms and facilities belonging to the entity.

**Farm:** One or multiple facilities owned by the same person, family or group where lactating cows are located and Second-Party Evaluations occur.

**Facility:** Farm business that provides milk to a participant. A facility is a single site where lactating cows are located and Second-Party Evaluations occur. A farm may consist of a single facility or multiple facilities.

**Second-Party Evaluation:** An external review and assessment of on-farm animal care practices on a participating facility based on the National Dairy FARM program guidelines. All facilities within a participant's supply chain must undergo a Second-Party Evaluation at a minimum of once every three years.

**Second-Party Evaluator:** A trained dairy professional certified by the FARM Program to conduct Second-Party Evaluations. Only who has completed annual FARM training is qualified to conduct Second-Party Evaluations. Typically, Second-Party Evaluators are dairy staff, veterinarians or independent consultants. Evaluators must have at least a 4-year degree in dairy science or other relevant curriculum, complete a phone interview and on-farm training and pass a written exam. Evaluators must receive annual refresher training to maintain knowledge and ability to conduct on-farm evaluations.

**Third-Party Verification:** A process by which a participating farm is inspected annually by a third-party verifier to ensure evidence of uniform implementation of standards. Once a Second-Party Evaluation is completed, the dairy facility is eligible to be selected for verification. The statistical sampling criteria used for FARM participants is representative of the dairy farms in the region. This verification helps ensure that the program accomplishes its goals.

**Third-Party Verifier:** A trained professional, not employed by a participant or processor, who does not have a financial interest in the operation or the outcome of the program. Third-Party Verifiers must be trained and certified by FARM.

**Conditional Certification:** If the allegations are deemed credible, the protocol is initiated, and the facility will have a Conditional Certification; a participant may continue to procure milk from a facility with a Conditional Certification and remain in good standing with FARM.

**Decertified:** If the protocol investigation concludes that the participant is not in good standing, a participant may be decertified.

```

graph TD
    FP[FARM Participant] --> F[Farm  
Chocolate Milk Dairy]
    F --> F1[Facility]
    F --> F2[Facility]
    F --> F3[Facility]
        
```

**Animal Care Data Management**

Menu

**What Data is Collected?**

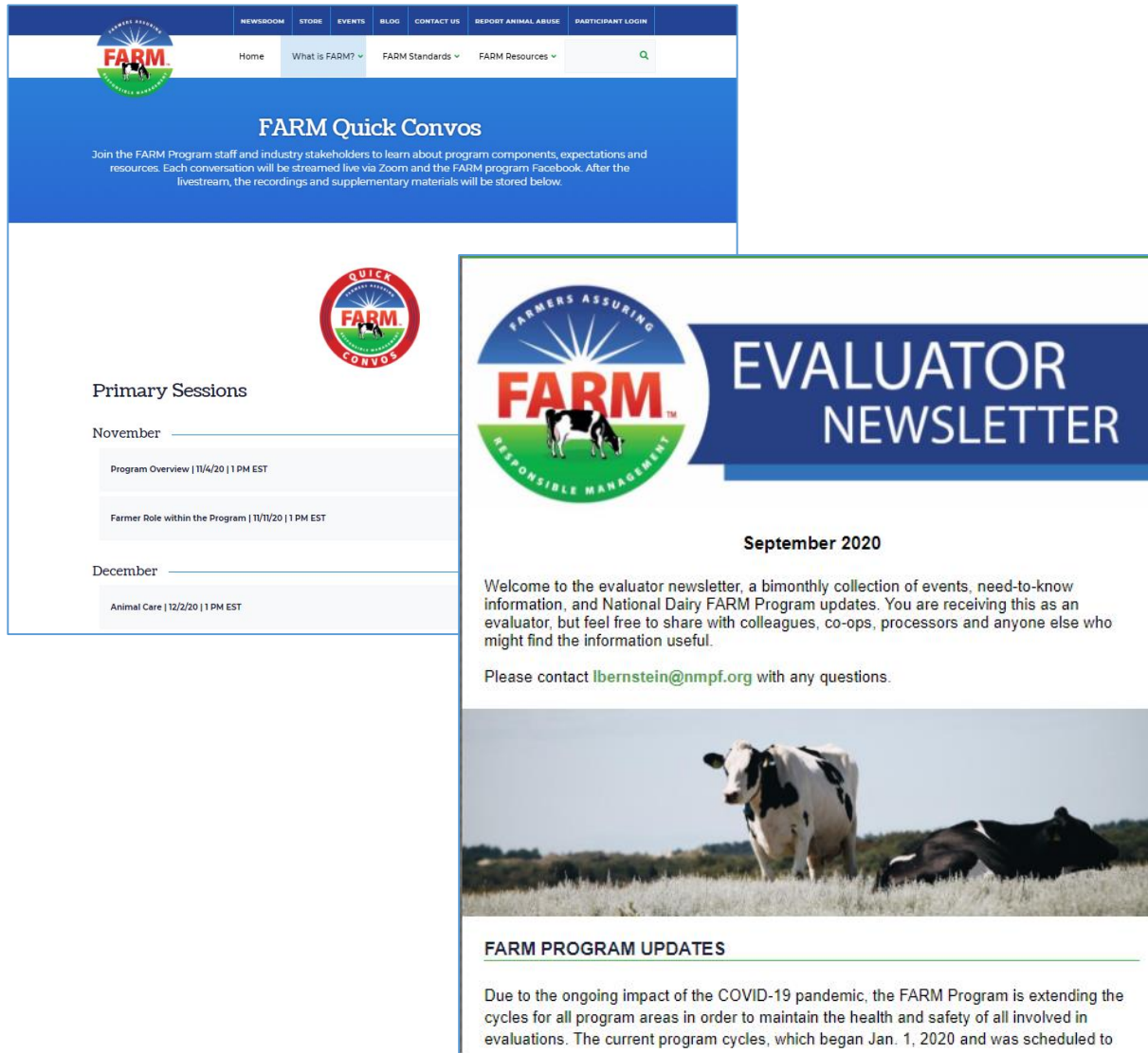
- ✓ Herd demographics
- ✓ Evaluation question responses
- ✓ Verification question responses
- ✓ Animal observation scores
- ✓ Corrective action plan details

Transcripts | Exit

### Animal Care Participant Handbook

VERSION 4.0

# Stakeholder Engagement



The image shows two screenshots related to the FARM program. On the left is a screenshot of the FARM website's 'FARM Quick Convo' page. It features a blue header with navigation links: NEWSROOM, STORE, EVENTS, BLOG, CONTACT US, REPORT ANIMAL ABUSE, and PARTICIPANT LOGIN. Below the header is a search bar and a 'FARM Quick Convo' section with a description: 'Join the FARM Program staff and industry stakeholders to learn about program components, expectations and resources. Each conversation will be streamed live via Zoom and the FARM program Facebook. After the livestream, the recordings and supplementary materials will be stored below.' Below this is a 'Primary Sessions' section with a calendar view for November and December. For November, it lists 'Program Overview | 11/4/20 | 1 PM EST' and 'Farmer Role within the Program | 11/11/20 | 1 PM EST'. For December, it lists 'Animal Care | 12/2/20 | 1 PM EST'. On the right is a screenshot of the 'EVALUATOR NEWSLETTER' for September 2020. The newsletter has a blue header with the FARM logo and the text 'EVALUATOR NEWSLETTER'. Below the header is a section titled 'September 2020' with a welcome message: 'Welcome to the evaluator newsletter, a bimonthly collection of events, need-to-know information, and National Dairy FARM Program updates. You are receiving this as an evaluator, but feel free to share with colleagues, co-ops, processors and anyone else who might find the information useful.' It also includes contact information: 'Please contact [lbernstein@nmpf.org](mailto:lbernstein@nmpf.org) with any questions.' Below the text is a photograph of two cows in a field. At the bottom is a section titled 'FARM PROGRAM UPDATES' with a message: 'Due to the ongoing impact of the COVID-19 pandemic, the FARM Program is extending the cycles for all program areas in order to maintain the health and safety of all involved in evaluations. The current program cycles, which began Jan. 1, 2020 and was scheduled to'.

## ■ Monthly Connections

- Farmer Advisory Council
- Evaluator Engagement Hours

## ■ Industry Partners

- AABP, ABS, AgChoice, Alltech, Cargill, CowSignals, Dairy Welfare Council, DCHA, DGN, Diamond V Elanco, NCBA, PC Dart, PDPW, PDMP, Phibro, VAS, Zoetis

## ■ *Dairy Defined*

## ■ Hoard's Articles

# Animal Care & Antibiotic Stewardship

## Calf Care Quality Assurance Program



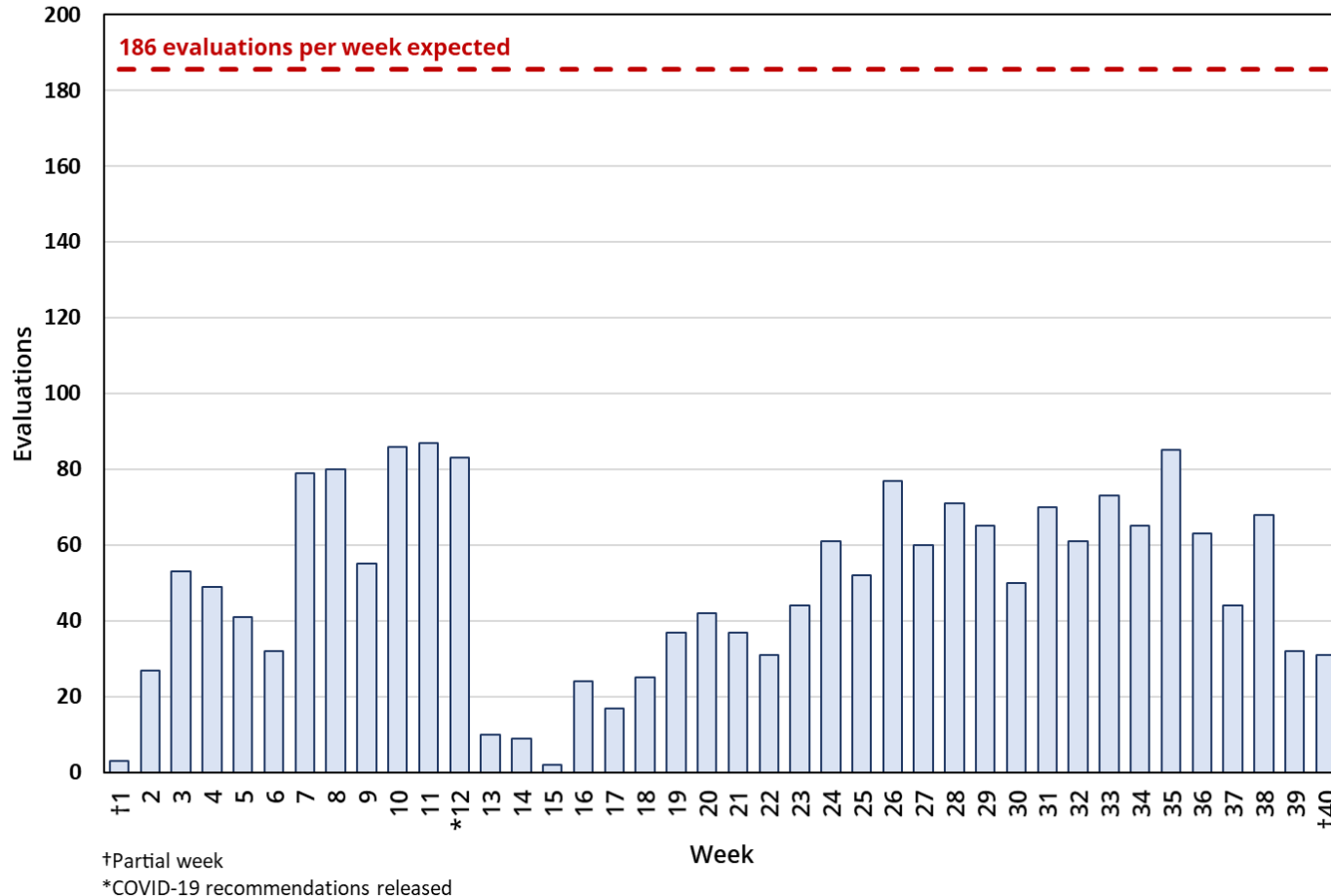
## Governance Updates

- Animal Care & Antibiotic Stewardship Task Forces
- NMPF Animal Health & Well-Being Committee
- Innovation Center Animal Care Committee



# Animal Care Version 4.0 Progress

Animal Care Evaluations by Week, Q1-Q3 2020



Animal Care evaluations completed from Q1 to Q3 of 2020 were **75% below** pre-Covid targets

Actual v. Expected Progress		
	Expected	Actual
Evaluations Q1-Q3	7,798	1,981
Per Quarter	2,599	660
Per Week	186	50

# Animal Care Version 4.0 Progress

Top 5 CIPs	
Title	Count
Permanent Treatment Records	493
Calf Disbudding Pain Mitigation (Protocol)	393
Broken Tails (Lactating Cows)	388
Calf Disbudding Pain Mitigation (Action)	373
Stockmanship Continuing Education (Family)	328

Top 5 MCAPs	
Title	Count
Annually Reviewed Written Herd Health Plan	829
Signed Annual VCPR	596
Stockmanship Continuing Education (Non-Family)	305
Signed Cow Care Agreement (Non-Family)	270
Pre-Weaned Calf Management Continuing Education (Non-Family)	235

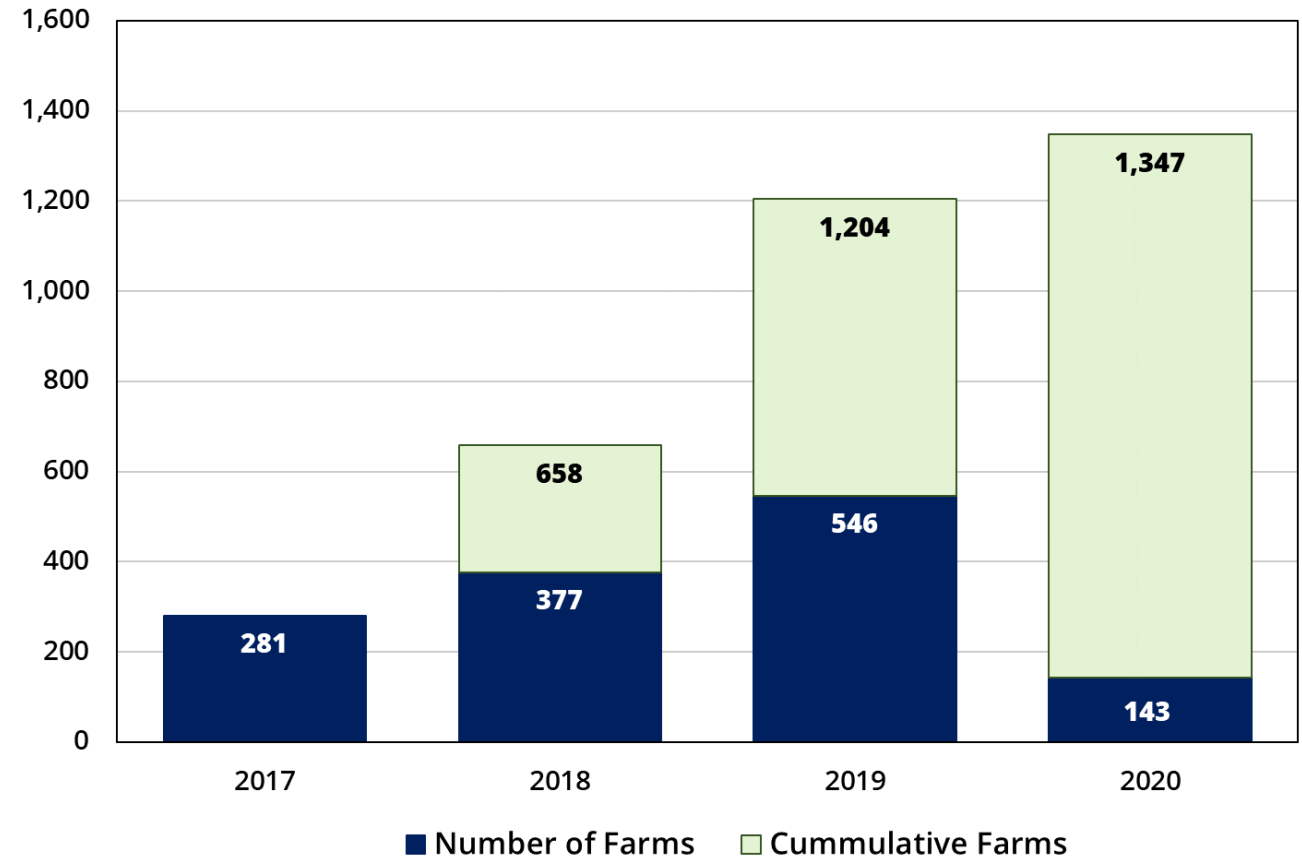
- Most corrective action plans were created for protocols, education and documentation requirements:
  - 73% of CIPs
  - 89% of MCAPs
- Action plans usually resolved ahead of schedule:
  - CIPs resolved in 2.6 months
  - MCAPs resolved in 2.8 months



# Environmental Stewardship Progress

- **1,636** FARM ES evaluations completed for **1,347** farms enrolled in FARM ES
- **Version 2.0 launched**
- **New resources**
  - Updated User Guide
  - Data collection sheet
  - Guide for remote evals

Farms enrolled in FARM ES

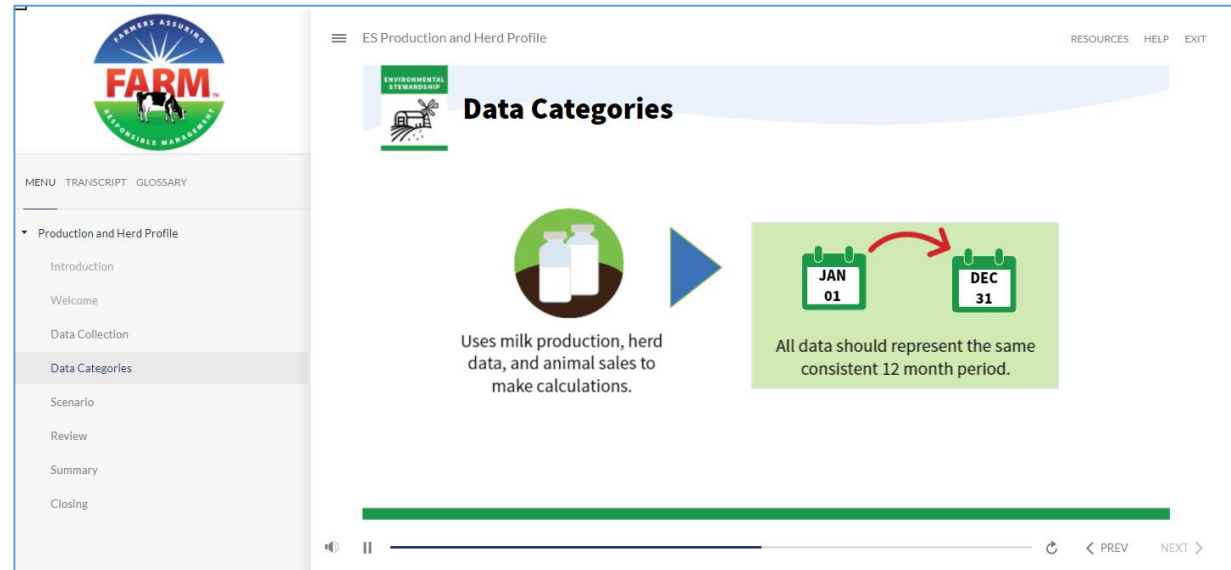


Preliminary data through Q3 2020. Number of farms is an approximation based on # of facilities; grouped by year of first evaluation.

# Ongoing Activities

- **Online Evaluator Training**
- **Upcoming resources**
  - Nutrient Management Factsheets
  - Evaluation Prep Guide
- **Strategic Planning**
  - Net Zero & 2050 Goal Alignment
  - Innovation Center Collaboration
  - Input sessions
- **Database Enhancements**

**Online Evaluator Training  
Required on October 1<sup>st</sup>**



# Workforce Development

- **Voluntary 2<sup>nd</sup> Party Evaluation**
  - Approved by NMPF board March 2020
- **Evaluator Training Development**
- **Resources Working Group**
  - Develop additional producer resources
- **Evaluation Working Group**
  - Develop version of evaluation tool for smaller operations



# Nationwide Labor Survey

## Survey Highlights

- Texas A&M Center for North American Studies
- **40%** of farms hire non-family labor
- Variety of non-wage benefits, e.g. paid vacation and housing
- Average of 1.4 days off per week
- Pre-employment screenings underutilized

## Next Steps

- Communications material
  - Social media postings
  - Infographic
  - Article in Hoard's (Oct. 2020)
- Turnover analysis
- Inform FARM WFD program and resource development

Full report: <https://nationaldairyfarm.com/producer-resources/worker-safety-human-resources/>



# **NMPF 2020: More Than Just COVID19**

**Jamie Jonker, Ph.D.**

Vice President, Sustainability & Scientific Affairs