

HURRICANE MATTHEW

IMPACTS TO THE FOOD AND AGRICULTURE SECTOR

DECEMBER 15, 2016

Hurricane Matthew 2016 –Food & Agriculture Sector Impacts

- Impacts to major field crops **\$400 M**
- Impacts to food firms
- Impacts to landscape and nursery crops- early estimates \$20M +
- Livestock – swine – **2,800 loss**
- Poultry – **1.8 M loss**
- Mortality Management Program for Poultry
 - **1100 loads of carbon**
 - FEMA Public Assistance Grant – **\$ 3M**

Hurricane Matthew- **NCD&CS Response**

- Over **300 +** employees from **14** Divisions
- **1,000s** of calls and visits to assess damages
- Over **200 calls** received and processed by Agriculture Disaster Hotline
- Managed national and local resource coordination for **5 major companion animal shelters in Pender, Pitt, Lenoir, Robeson, and Edgecombe** counties
- Counties supported at PODs, Incident management, chain saw

Launching AG into Action

- Behind Human Life and Safety
 - High water vehicles
 - Use of boats
 - Air Assets
- Agency Assets
 - Boats
 - Helicopters
 - Appropriately timed and safely used within the EM structure
- Budget to support rental or lease

Roads and Bridges



Statute Changes or Policy Between Agencies

- Working through SERT or AERT recognized within NCGS 166 A
- Need for MOUs to work between agencies- State University and State Agency
- Time and responders expenses- consistency among agencies

Cherry Farms: Disaster all around and Life goes on



TWIN CALVES



FEED DROP



DISC

Matthew Hurricane - A Glimpse at History- Agriculture Response



Mitigation Efforts using **Carbon Materials**

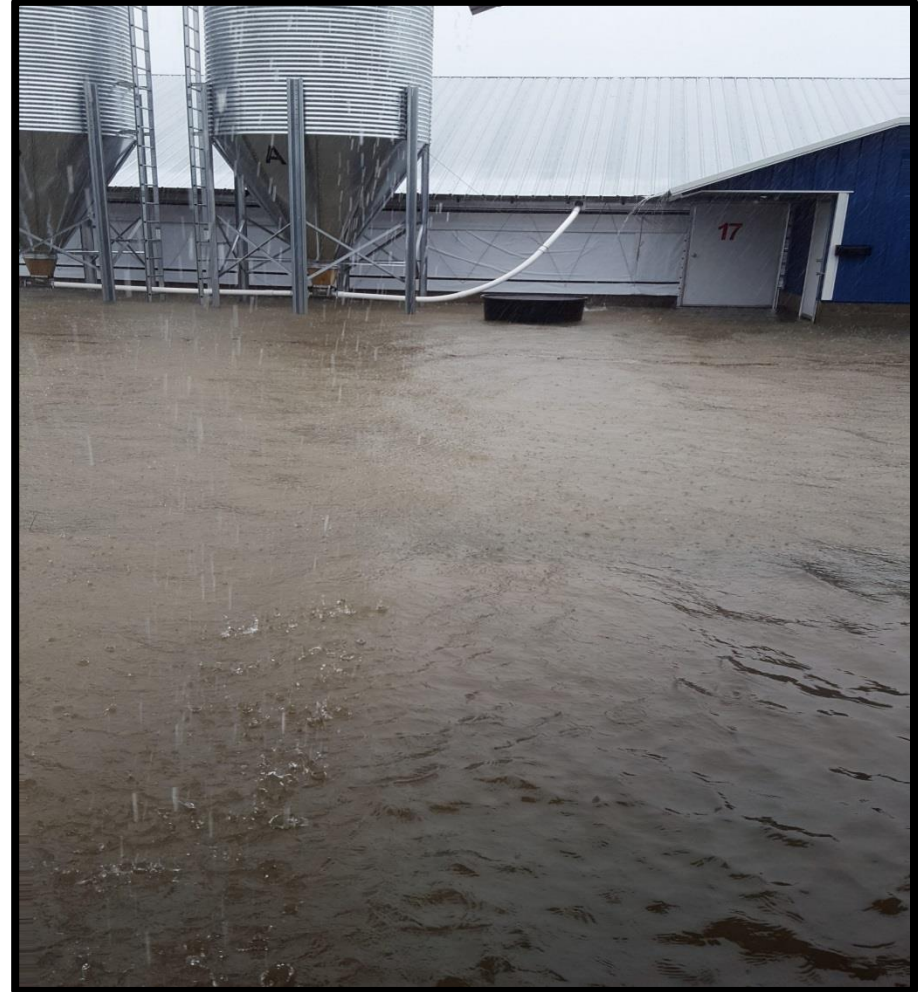


- Sawdust, shavings preferred drying material
- Wood chips w/fines preferred base
- Cap material – multiple options, chips are good

Closer Look at Mitigation Ballard Farms

MARY BALLARD
CARBON SOURCE

Ballard Farms: Pre-Event and During Event



Flooded Houses



Flood Waters Receded -Composting Begins



Carbon added to Houses and Carbon Delivery



Questions

Sharron Stewart- Director

Emergency Programs Division,
NCDA&CS

Call Me: 919-218-7079

Mary Ballard- Owner

Ballard Farms- Hoke County