Welcome to New York
Upstate New York

• A rich and diverse Agricultural Economy
New York Farm Facts

- 36,300 Farms
- Over 7.55 million acres in farms (25% of the State)
- Over 19 million people (#3 in the Nation)
- 5,450 Commercial Dairies (#3 in Nation)
- 610,000 Total Cows (#3)
- 12.83 Billion lbs. total milk prod. (#4)
- Apples (#2)
- Wine and juice grape production (#3)
NY Air Quality Issues:
- Ozone / GHG
- Particulate Matter
- Odor
NY NRCS Programs

- EQIP Air Quality
- Anaerobic Digestion
- CSP
EQIP Air Quality

Manure Covers with Methane Flares

• Solid Separation
• 20 installed - $1.9 Million
• 18 more planned
EQIP Air Quality

Agri Chemical Handling Facility

• Provides an impervious surface and environmentally safe area for the handling and storage of on-farm chemicals

• 47 installed - $1.57 Million

• 12 more planned
EQIP Air Quality

Engine Replacement

- Typically for irrigation
- Reduces Particulate Matter by 65%
- Reduces NOx by 60%
EQIP Air Quality

Engine Replacement

• To date:
  • 65 engines have been replaced - $890,000
  • Approximately 100 engines are currently planned for replacement within the next 2 years
Anaerobic Digestion in New York

- 3 State Pilot to accelerate Anaerobic Digester installation
  (New York, New Mexico, Wisconsin)

- 2012 NRCS NY funded 3 digesters with $1 million in EQIP funds
Conservation Stewardship Program

• **Enhancements**
  – Reduce emission by alternatives to burning residues
  – Use of more efficient nozzles for applications
  – Targeted spraying of applications
  – Nitrification inhibitors
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