



Energy Conservation at Salem County Farm Reaps Financial and Environmental Benefits

Parvin Farms, managed by brothers Eric Davis and Matthew Davis, grows corn, soybeans and wheat on 520 acres in Salem County, New Jersey. With funding from NRCS's Environmental Quality Incentives Program Energy Initiative, the Davises hired a Technical Service Provider (TSP) to audit the energy use on the farm. The audit confirmed their suspicion that much would be gained by replacing the two batch grain dryers they were using.

With the audit findings in hand, they were able to submit another application for EQIP assistance toward the cost of replacing the units. Combining a loan from USDA Farm Service Agency and a grant from USDA Rural Development with EQIP funding, there were able to purchase one high efficiency dryer to replace the two older units. Because the farm had access to natural gas, they were also able to switch from propane to more efficient and less costly natural gas.

The auditors estimated an annual reduction of 51,000 pounds of CO2 emissions along with slight reductions of other greenhouse gases by making this change. Parvin Farms realized a monetary savings of nearly \$12,000 in the first year of using the new dryer, with a fuel bill that was about 82% lower than previous years. They also boosted their drying capacity by about 12 % and cut the processing time in half.



Inspecting new grain dryer at Parvin Farms



EWP Recovery work at Perth Amboy

Sandy Relief Assistance through Emergency Watershed Protection Program-Recovery

Hurricane Sandy brought an unprecedented coastal storm surge with high winds and extensive flooding to New Jersey in October 2012. Because of the magnitude of the resulting devastation, New Jersey was placed under a Presidential Disaster Declaration, making federal funds available to Sandy's victims. Although Sandy relief funding approved by Congress was not allocated to NRCS until May 2013, NRCS technical staff began to assess damaged areas immediately following the storm.

Numerous inquiries about NRCS's Emergency Watershed Protection (EWP) Program from communities, county governments and State officials resulted in over forty formal requests for EWP assistance.

NRCS's EWP-Recovery efforts in FY13 were focused on assisting communities with the removal of downed trees and flood debris from streams and waterways and also with stabilizing critically eroding areas.

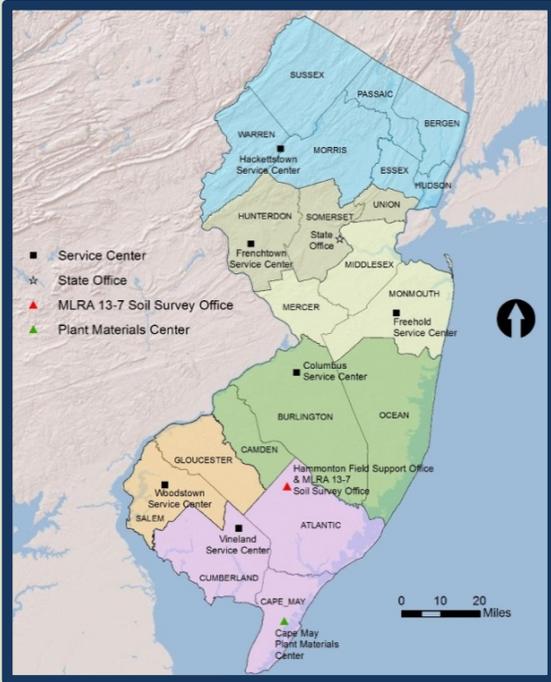
Twenty-two detailed damage assessments were conducted by NRCS engineers and resource specialists, and twelve cooperative agreements were signed with sponsors covering multiple work sites within their jurisdictions. These agreements committed over \$2.6 million in financial assistance to address needed recovery work. An additional \$220,000 was provided to sponsors to help defray the cost of technical services needed to get the work on the ground at the local level.

Helping people help the land



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NRCS serves New Jersey from the state office, six USDA service centers, and two special projects offices.

FY13 Conservation Programs

Number of Contracts and Funds Obligated

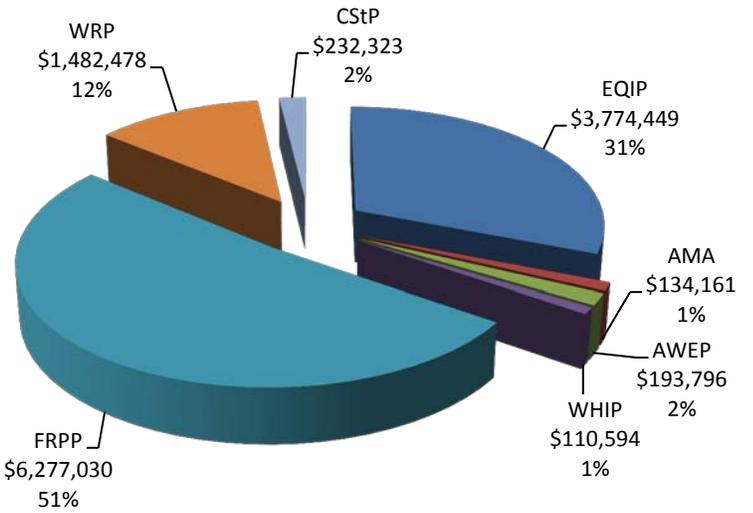
Environmental Quality Incentives Program (EQIP)	195	\$3,774,449
Agricultural Management Assistance (AMA)	6	\$134,161
Agricultural Water Enhancement Program (AWEP)	5	\$193,796
Wildlife Habitat Incentives Program (WHIP)	8	\$110,594
Farm and Ranch Lands Protection Program (FRPP)	20	\$6,277,030
Wetlands Reserve Program (WRP)	11	\$1,482,478
Conservation Stewardship Program (CStP)	5	\$232,323

Total FY13 Financial Assistance \$12,204,831

Discretionary funds through the Conservation Technical Assistance Program in FY13 in New Jersey \$3,458,406

Source: Federal Modernization Management Initiative (FMMI) Database 12/5/2013.

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FY13 Program Dollar Distribution

- Environmental Quality Incentives Program (EQIP)
- Agricultural Management Assistance (AMA)
- Agricultural Water Enhancement Program (AWEP)
- Wildlife Habitat Incentives Program (WHIP)
- Farm and Ranch Lands Protection Program (FRPP)
- Wetlands Reserve Program (WRP)
- Conservation Stewardship Program (CStP)

Individuals and Entities Served in FY 13

