Funding Agricultural Replacement Measures for Emission Reductions (FARMER) Program

As reported through March 31, 2022

SAN JOAQUIN VALLEY APCD

$240.4 million in implemented projects
6,193 number of projects

Dollars Invested by Project Type

- 8% Agricultural Trucks
- <1% Irrigation Pump Engines
- 12% Agricultural Utility Terrain Vehicles
- 79% Tractors/ Harvester

Implemented Projects

- 213 Agricultural Trucks
- 21 Irrigation Pump Engines
- 3,416 Tractors/ Harvesters
- 2,543 Agricultural Utility Terrain Vehicles

Emissions Reduced

- 169,000 MTCO₂e* Metric tons of carbon dioxide equivalent
- 2,087,000 lbs Fine Particulate Matter (PM₂.₅)
- 34,690,000 lbs Nitrogen Oxides (NOₓ)

FARMER Appropriation

Since 2017, the California Legislature has appropriated $535 million statewide – with 56% of the funds benefiting disadvantaged and low-income communities. This signifies the state’s commitment to reduce agricultural sector emissions by providing grants to replace high-emitting agricultural equipment with cleaner equipment. The table to the left shows the San Joaquin Valley APCD’s allocation by fiscal year.

Year | Total ($)**
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2017-2018 | $108,000,000
2018-2019 | $104,300,000
2019-2020 | $43,840,000
2021-2022 | $168,430,000

** Rounded values; includes project funding and project implementation costs.

The FARMER Program is funded in part by California Climate Investments, a statewide program that puts billions of Cap-and-Trade dollars to work reducing GHG emissions, strengthening the economy, and improving public health and the environment – particularly in disadvantaged communities.

For more information, visit the California Climate Investments website at: [caclimateinvestments.ca.gov](caclimateinvestments.ca.gov)

[arb.ca.gov/farmer](arb.ca.gov/farmer)