Funding Agricultural Replacement Measures for Emission Reductions (FARMER) Program

SAN JOAQUIN VALLEY APCD

$234.4 million in implemented projects
5,840 number of projects

Dollars Invested by Project Type

- 80% Tractors/Harvesters
- 11% Agricultural Utility Terrain Vehicles
- 8% Agricultural Trucks
- <1% Irrigation Pump Engines

Implemented Projects

- 3,340 Agricultural Trucks
- 2,268 Irrigation Pump Engines
- 211 Tractors/Harvesters
- 21 Agricultural Utility Terrain Vehicles

Emissions Reduced

- Greenhouse Gases (GHG): 153,600 MTCO$_2$e*
- Fine Particulate Matter (PM$_{2.5}$): 1,920,000 lbs
- Nitrogen Oxides (NO$_x$): 32,320,000 lbs

* Metric tons of carbon dioxide equivalent

FARMER Appropriation

Since 2017, the California Legislature has appropriated $323 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.

<table>
<thead>
<tr>
<th>Year</th>
<th>Total ($)**</th>
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</thead>
<tbody>
<tr>
<td>2017-2018</td>
<td>$108,000,000</td>
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<tr>
<td>2018-2019</td>
<td>$104,300,000</td>
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<tr>
<td>2019-2020</td>
<td>$43,840,000</td>
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</tbody>
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** 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.

arb.ca.gov/farmer