

# FARMER Program

## Board of Directors Santa Barbara County Air Pollution Control District

Our Mission: To protect the people and the environment of Santa Barbara County from the effects of air pollution.

Aeron Arlin Genet  
Director / APCO

Jim Fredrickson  
Supervisor, Planning Division  
August 16, 2018



# What is FARMER?

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**F** = Funding  
**A** = Agricultural  
**R** = Replacement  
**M** = Measures for  
**E** = Emission  
**R** = Reductions





# How much FARMER funds are available?

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- 2018: \$135 million available statewide (Year 1)
- 2019: \$132 million budgeted statewide (Year 2)
- Funds distributed based on district ag equipment inventory
  - 80% of the funds for San Joaquin Valley
  - 0.5% of the funds for Santa Barbara County
- \$583,538 in FY2018-2019 for projects
- \$83,362 for project implementation (administration)



# FARMER Project Types

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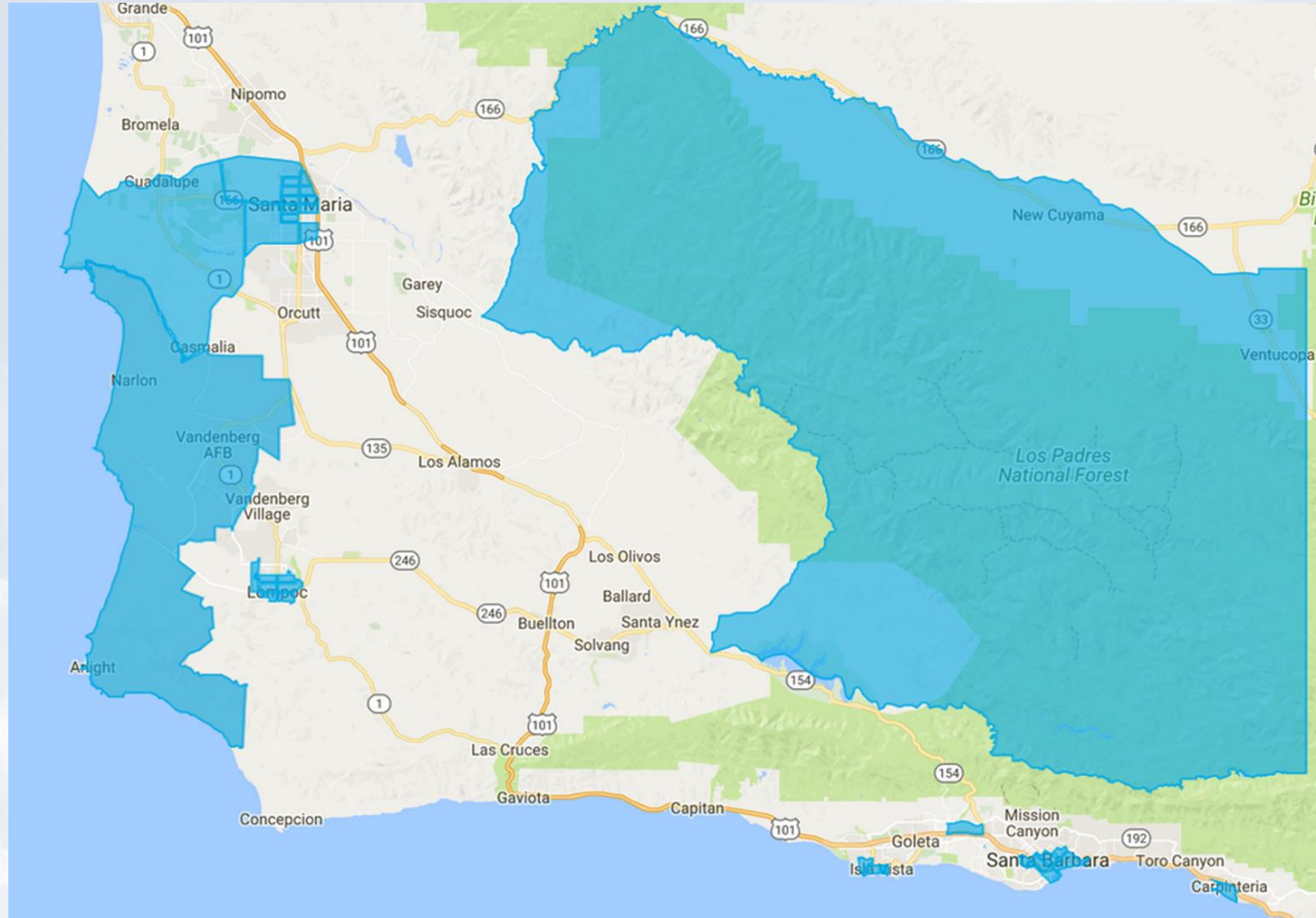
- Carl Moyer Program-Eligible Projects
  - On-Road Heavy-Duty Ag Truck Replacement and Repower
  - Off-Road Equipment Replacement and Repowers
    - Diesel tractors
    - Diesel agricultural water pump engines
- Diesel to ZEV Utility Terrain Vehicle Replacement



AG



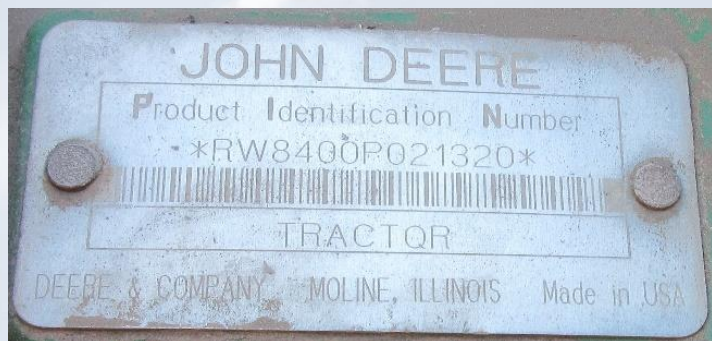
# FARMER Project Areas: AB 1550 Low Income Communities



<https://www.arb.ca.gov/cc/capandtrade/auctionproceeds/lowincomemapfull.htm>



# Project Example: Durant Harvesting [Pre-Inspection]



1998 John Deere Model 8400 with a 268 Tier 1 diesel engine





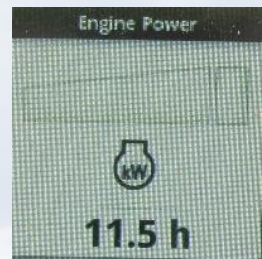
# Project Example: Durant Harvesting [Post-Inspection]

2016 John Deere model 6175R with a 175 Hp Tier 4 Final diesel engine

\$ 75,000 APCD Grant (44%)

\$ 97,371 Durant (56%)

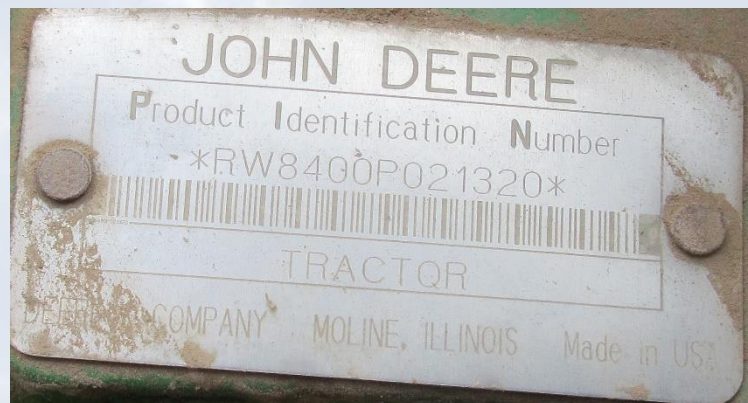
**\$172,371 Total Project Cost**



2018/03/16



# Project Example: Durant Harvesting [Salvage Inspection]





# FY 2018–19 Incentive Program Funding

Program Funds	Project Categories	Program Expenditures	Administrative Expenditures
Carl Moyer (Year 19 Regular)	Off-Road / On-Road / Marine / Agriculture	\$4,013	\$0
Carl Moyer (Year 20 Regular)	Off-Road / On-Road / Marine / Agriculture	\$491,397	\$70,200
Carl Moyer (Year 20 State Reserve)	Off-Road	\$43,115	\$6,159
\$2 DMV fees	School bus	\$165,000	\$10,313
Community Air Protection	Off-Road / On-Road / Marine / Agriculture	\$614,063	\$40,937
Voluntary Nox Remediation	Off-Road	\$90,142	\$5,754
FARMER	Agriculture	\$583,538	\$83,362
<b>TOTAL FUNDS</b>		<b>\$1,991,268</b>	<b>\$216,725</b>



# 2018 Clean Air Grant Solicitation

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- ~\$2 million in project funds in Fiscal Year 2018-2019
  1. ~30% [~ \$600,000] **FARMER**
  2. ~30% [~ \$600,000] **Carl Moyer**
  3. ~30% [~ \$600,000] **Community Air Protection**
  4. ~5% [~ \$100,000] **Voluntary NOx Remediation Measure**
  5. ~5% [~ \$100,000] **\$2 DMV surcharge fee**
- Grants not to exceed \$150,000 or 85% of the total cost, whichever is lower
- First come, first served application process starting mid-September
- Funds need to be secured by executed grant agreement by 6/30/2019
- [www.ourair.org/funding](http://www.ourair.org/funding) [grants@sbcapcd.org](mailto:grants@sbcapcd.org)



# Staff Recommendations

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- Authorize the District's participation in the California Air Resources Board's (CARB) Funding Agricultural Replacement Measures for Emission Reductions (FARMER) Program; and
- Delegate authority to the Control Officer to enter into a grant agreement with CARB for the FARMER Program.



# FARMER Contact Information

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