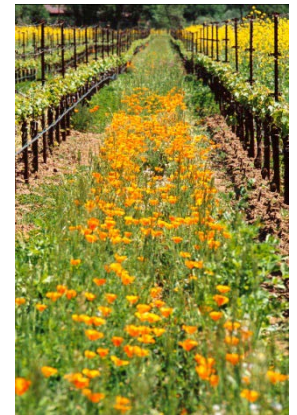


SB 367: Agriculture Climate Benefits Act

- Gives CDFA authority to implement programs that reduce on-farm GHGs and/or increase carbon storage. For example:
 - Funding on-farm projects and practices
 - Low-interest loans
 - Technical assistance
 - Educational and outreach
- Expands an existing advisory committee to include more growers, RCD, UC Cooperative Extension, climate change and agriculture experts
- Budget asks:
 - \$25 million to CDFA for the climate program
 - At least 2% to the Sustainable Agricultural Lands Conservation Program (was 0.6% this year)
 - Indicates 2015-16 start for funding land management practices with climate benefits

Climate Resilient Agriculture

- **Soil building**
(compost, manure, cover crops)
- **Water & energy conservation**
(irrigation efficiency, catchment, soil moisture monitoring)
- **On-farm renewable energy**
(bioenergy, biochar from agricultural waste)
- **Wildlife habitat**
(agroforestry, hedgerows, riparian planting)



Multiple Benefits

- **Soil building**
 - Improved water and air quality
 - Sequester carbon in soils
- **Water & energy conservation**
 - Savings for growers
 - Drought resilience
- **On-farm renewable energy**
 - Energy independence
 - Savings for growers
- **Wildlife habitat**
 - Sequester carbon in woody plants
 - Habitat for pollinators and beneficial insects;
 - improved riparian health



California: Climate Change

Existing Laws & Regulations

AB 32 – 1990 GHG levels by 2020

-- 1990 baseline; 5 yr action plan; cap and trade; auction revenues

RPS – 33% renewable energy by 2020

Clean Vehicles – max feasible & cost-effective GHG reductions (proxy for fuel efficiency)

Low Carbon Fuel Standard (LCFS) – reduce carbon intensity of CA trans fuel supply 10% by 2020

Vehicle Miles Traveled (VMT) – development and transportation plans to reduce VMT

Governor Brown Administration

2015 Inaugural Address:

“We must manage farms and rangelands...so they can store carbon.”

Healthy Soils Initiative:

“As the leading agricultural state in the nation, it is important for California’s soils to be sustainable and resilient to climate change...In the upcoming year, the Administration will work on new initiatives to increase carbon in soil and establish long term goals for carbon levels in all California’s agricultural soils.”

