

The background of the slide is dark grey with numerous realistic water droplets of various sizes scattered across it. Some droplets are in sharp focus, showing highlights and reflections, while others are blurred in the background.

# EFA SAP MEETING AGENDA ITEM 3

## OFFICE OF ENVIRONMENTAL FARMING AND INNOVATION; UPDATES AND ECOSYSTEM SERVICES DEFINITION



# state water efficiency and enhancement program

Budget Act		2021-22	2022-23	
Program	GF	GF	GF	Total Funding
SWEEP	\$40	\$10	\$50	\$100
Since 2014	\$80.5 for projects totaling 828 projects			

SB 170, Skinner. Budget Act of 2021. Chapter 240. Section 168. Item 8570-101-0001. (4). 2. "Of the amount appropriated in Schedule (4), \$50,000,000 shall be available for the State Water Efficiency and Enhancement Program. Up to 5 percent of this amount may be used for administrative costs. No less than 5 percent and no more than \$5,000,000 shall be used for technical assistance grants pursuant to Section 570 of the Food and Agriculture Code. The amount appropriated shall be available for encumbrance or expenditure until June 30, 2023."



# healthy soils program

Budget Act		2021-22	2022-23	
Program	GF	CCI	GF	Total Funding
HSP	\$50	\$25	\$85	\$160
Since 2017	\$40.7 million for projects totaling 657 projects			

SB 170, Skinner. Budget Act of 2021. Chapter 240. SEC. 170. Item 8570-102-0001. (1). 3 and 4. "Of the amount appropriated in this item, \$50,000,000 shall be available for the Healthy Soils Program. Of this amount, not less than 5 percent and not more than \$5,000,000 shall be used for technical assistance grants pursuant to Section 570 of the Food and Agriculture Code. The amount appropriated in this item shall be available for encumbrance or expenditure until June 30, 2024, and liquidation until June 30, 2027. "





# alternative manure management practices

Budget Act		2021-22	2022-23	
Program	-	GF	GF	Total Funding
Methane Reduction	-	\$32	\$48	\$80
Since 2017	\$68.3 million for projects totaling 116 projects (AMMP)			

SB 170, Skinner. Budget Act of 2021. Chapter 240. SEC. 170. Item 8570-102-0001. (1). 5. "Of the amount appropriated in this item, \$32,000,000 shall be available for Livestock Methane Reduction, with priority given to the Alternative Manure Management Program. No later, than July 1, 2023, the Department shall submit to the Joint Legislative Budget Committee a report on the Dairy Digester Research and Development Program (DDRDP) and the Alternative Manure Management Program (AMMP). "



# conservation agriculture planning grants program

	Budget Act	2021-22	2022-23	
Program	-	GF	GF	Total Funding
Con. Ag. Plan. Grants	-	\$17	\$22	\$39

SB 170, Skinner. Budget Act of 2021. Chapter 240. SEC. 170. Item 8570-102-0001. (1). 6. "Of the amount appropriated in this item, \$17,000,000 shall be available for Technical Assistance and Conservation Management Plans, and includes \$7,000,000 to be prioritized for organics transition."

THE OFFICE OF ENVIRONMENTAL FARMING & INNOVATION



**biodiversity**

	Budget Act	2021-22	2022-23	
Program	-	GF	GF	Total Funding
Pollinator Habitat	-	\$15	\$15	\$30

SB 170, Skinner. Budget Act of 2021. Chapter 240. SEC. 170. Item 8570-102-0001. (1). 7. "Of the amount appropriated in this item, \$15,000,000 shall be available for the Pollinator Habitat Program. The department shall prioritize the planning of native habitats for the benefit of native biodiversity and the use of locally appropriate native plant seed mixes when feasible."



THE OFFICE OF ENVIRONMENTAL FARMING & INNOVATION



	Budget Act	2021-22	2022-23	
Program	-	GF	GF	Total Funding
Methane	-	\$5	\$5	\$10

SB 170, Skinner. Budget Act of 2021. Chapter 240. SEC. 167. Item 8570-002-0001. 8. "Of the amount appropriated in Schedule (1), \$5,000,000 shall be used for research grants to measure and verify emissions reductions associated with livestock methane reduction projects. Research shall include an assessment of the cost-effectiveness of various livestock methane reduction strategies on a per ton basis, including a comparison of projects funded under AMMP and DDRDP, as well as alternative methane reduction strategies such as dietary modification, and research on manure-based product development. To the extent feasible, research shall include measurement of emissions of greenhouse gases and criteria pollutants before and after livestock methane reduction projects are implemented."

All \$ values in millions of U.S. dollars; GF is General Fund.



# technical assistance

	Budget Act	2021-22	2022-23	
Program	GF	-	-	Total Funding
Water Efficiency	\$5	-	-	\$5

Technical Assistance to assist farmers and ranchers with on-farm water efficiency (e.g., distribution uniformity testing, mobile irrigation labs).





# cannabis appellations program

	Budget Act	2021-22	2022-23	
Program	-	GF	-	Total Funding
Cannabis Pilot	-	\$9	-	\$9

The Sustainable California Grown Cannabis (SCGC) Pilot Program will provide funding to incentivize licensed legacy outdoor cannabis growers to participate in the collection of data to benchmark best practices to reduce the environmental impact of cannabis water and energy use; pest management and fertilizer practices; and to enhance soil health. The pilot will be conducted in at least three counties with a minimum of 10 outdoor cannabis growers for valid data collection to benchmark practices. The duration of the project will be three years. The project will compile data into a manual of Best Management Practices for Sustainable Cannabis Growing.