



2021 ANNUAL AGRICULTURE REPORT

THE CROP REPORT COVERS THE REPORTING PERIOD FROM JANUARY 2020 – DECEMBER 2020

- **\$574,871,303** Value of this year's production
- **59,101** Total acreage irrigation includes double cropping and irrigated but not harvested
- **\$9,727** Average gross value per acre

Financial figures are rounded to the nearest dollar. Crop categories established by the Bureau of Reclamation. This report is only applicable to Improvement District 1

A MESSAGE FROM THE GENERAL MANAGER



Welcome to Coachella Valley Water District's (CVWD) 2021 Agriculture Report, an annual newsletter for CVWD canal water customers including famers, agricultural businesses, and agricultural groups. We have moved the crop report, provided in the past in our Annual Review and Water Quality Report, here to provide more prominence and timeliness and have included short articles about our work protecting our sources of water for farmers, residents, and visitors alike.

Also in this edition of the Ariculture Report is an article about the ongoing Oasis In-Lieu Project, which is expanding CVWD's irrigation distribution system to deliver canal water to properties in the Oasis area that are currently using groundwater for irrigation. The project will supply 32,000-acre feet of water from the Coachella Canal and help prevent aquifer overdraft.

The productive farmlands of the eastern Coachella Valley have some of the highest per acre crop yields in the world. Together farming and tourism propel the economy of the Coachella Valley, thanks to the water resources that CVWD works to protect.

We welcome your feedback about this publication. Just email us at publicinfo@cvwd.org.

Thank you,

Jim Barrett

YourWater
is our promise.

	ACREAGE	YIELD IN TONS	VALUE/ACRE	TOTAL VALUE
FRUIT	22,211	931,032	\$10,256	\$227,795,181
Dates	9,449	37,796	\$8,800	\$83,151,200
Figs	140	714	\$4,760	\$666,400
Grapefruit	391	172	\$8,418	\$3,291,438
Grapes	5,511	26,891	\$13,418	\$73,946,598
Lemon-Limes	4,789	39,850	\$8,260	\$39,557,140
Mangoes	117	731	\$15,625	\$1,828,125
Olives	86	464	\$7,020	\$603,720
Oranges-Tangerines	1,176	799,680	\$13,260	\$15,593,760
Peaches	56	291	\$15,458	\$865,648
Strawberries	58	609	\$37,625	\$2,182,250
Melons-Watermelon	361	14,440	\$16,265	\$5,871,665
Misc. Fruit	77	9,394	\$3,081	\$237,237

	ACREAGE	YIELD IN TONS	VALUE/ACRE	TOTAL VALUE
VEGETABLES	24,846	1,229,456	\$9,633	\$239,340,451
Artichoke	705	6,891	\$15,606	\$11,002,230
Bell Peppers	3,688	74,682	\$18,225	\$67,213,800
Broccoli	1,219	10,724	\$9,287	\$11,320,853
Cabbage	553	8,848	\$6,502	\$3,595,606
Carrots	4,111	197,328	\$6,279	\$25,812,969
Cauliflower	1,873	13,785	\$9,197	\$17,225,981
Celery	779	18,042	\$8,801	\$6,855,979
Chili Peppers	94	52,875	\$16,500	\$1,551,000
Eggplant	259	4,533	\$19,600	\$5,076,400
Green Beans	602	2,486	\$7,410	\$4,460,820
Kale	316	5,795	\$7,677	\$2,425,932
Lettuce	3,515	61,513	\$9,000	\$31,635,000
Okra	759	5,617	\$9,472	\$7,189,248
Onions-Green	377	1,795	\$1,072	\$404,144
Oriental Vegetables	1,337	18,718	\$8,100	\$10,829,700
Parsley	-	-	-	-
Potatoes	344	5,848	\$3,325	\$1,143,800
Radishes	161	4,632	\$10,324	\$1,662,164
Spices	1,112	227,293	\$3,796	\$4,221,152
Spinach	671	10,266	\$13,362	\$8,965,902
Squash	276	2,291	\$5,644	\$1,557,744
Sugar Beets	315	476,438	\$7,381	\$2,325,015
Sweet Corn	1,468	13,939	\$6,613	\$9,707,884
Tomatoes	312	5,117	\$10,119	\$3,157,128
Turnip	-	-	-	-

	ACREAGE	YIELD IN TONS	VALUE/ACRE	TOTAL VALUE
FORAGE	1,978	\$12,696	\$1,967	\$3,890,300
Corn	-	-	-	-
Hay-Alfalfa	542	4,336	\$1,440	\$780,480
Pasture	21		\$130	\$2,730
Pasture-Permanent	1,393		\$130	\$181,090
Hemp*	22	8,360	\$133,000	\$2,926,000

	ACREAGE	YIELD IN TONS	VALUE/ACRE	TOTAL VALUE
FISH FARM	265	776	\$14,650	\$3,882,250
DUCK POND**	775	4	\$76	\$58,900
GOLF COURSE**	6,024	542,160	\$11,250	\$67,770,000
POLO FIELD**	510	4,590	\$11,250	\$5,737,500
TURF GRASS	1,223	11,007	\$11,250	\$13,758,750
NURSERY-Plants	179		\$9,959	\$1,782,661
NURSERY-Trees	1,090		\$9,959	\$10,855,310

* Irrigation restricted to groundwater/Domestic
**The yield for golf courses and polo fields is the value of the sod or turf on the course or field per acre. The yield for duck ponds is the value per pound of duck per acre.

2020 CROP REPORT



Oasis Reservoir

Irrigation Project Substitutes Canal Water for Groundwater

A project that will bring canal water to 7,100 acres of land in the Oasis area currently irrigated with pumped groundwater has hit major milestones.

CVWD is completing the Oasis-in-Lieu Recharge Project that will bring up to approximately 32,000 acre-feet of Colorado River water annually via the Coachella Canal for irrigation. The Project will help prevent aquifer overdraft.

Approximately 9 miles of the proposed total 18 miles of pipeline had been completed by fall 2021, along with 3 of the 4 planned reservoirs. The remainder of the project, which includes the fourth reservoir, two pump stations, two booster stations, the remaining 9 miles of pipeline, and 39 new customer delivery turnouts, is expected to be completed by the fall of 2022.

The new pipeline in the project area will allow for the distribution of this alternative source of supply to users at the northern portion of the Oasis area near Avenue 69 (west of Harrison Street) all the way to westerly side of the Salton Sea along Avenue 84.

Total estimated cost of the project is \$50.4 million.

CVWD Adopts Climate Action and Adaptation Plan

The Board of Directors of the CVWD voted unanimously to adopt the 2021 Coachella Valley Water District Climate Action and Adaptation Plan to guide the district's response to climate change.

The Climate Action and Adaptation Plan (CAAP) provides a comprehensive assessment of CVWD's current greenhouse gas (GHG) emissions from CVWD multi-faceted operations, and identifies the measures, policies, and projects developed to reduce GHGs.

At its Sept. 28 meeting, the board received a presentation giving an overview of the CAAP, which will support CVWD's efforts to identify projects to reduce greenhouse gas emissions and improve energy efficiency and water supply resiliency. The plan will also help CVWD obtain funding necessary to implement such projects and further support CVWD's mission.

The plan notes that CVWD recognizes the potential impact of climate change to its mission of providing high quality water to the Coachella Valley region at a reasonable cost in a reliable manner. This includes more intense flooding events and more persistent drought conditions that can harm CVWD flood control facilities and reduce local water supplies.

CVWD is working to improve sustainability in its operations and end uses among its customers through such programs as rebate programs for homeowners to invest in water-efficient landscaping and washing equipment, seminars and workshops to educate its customers, including commercial and agricultural end users, water conservation contests for homes and businesses, and a number of other water conservation programs that target commercial and agricultural water efficiency.

CVWD and local water agencies are implementing water management plans that State officials have determined satisfy the Sustainable Groundwater Management Act, which is designed to bring groundwater basins into balanced levels of pumping and recharge. CVWD is also expanding water recycling services to improve groundwater conditions within its service area. CVWD's emphasis on sustainable water management and grant funded projects provided the catalyst for developing its first CAAP to help reduce GHG emissions from its operations.

To view the plan, [click here](#).

COACHELLA VALLEY WATER DISTRICT

CLIMATE ACTION &
ADAPTATION PLAN



FINAL DRAFT
September, 2021

