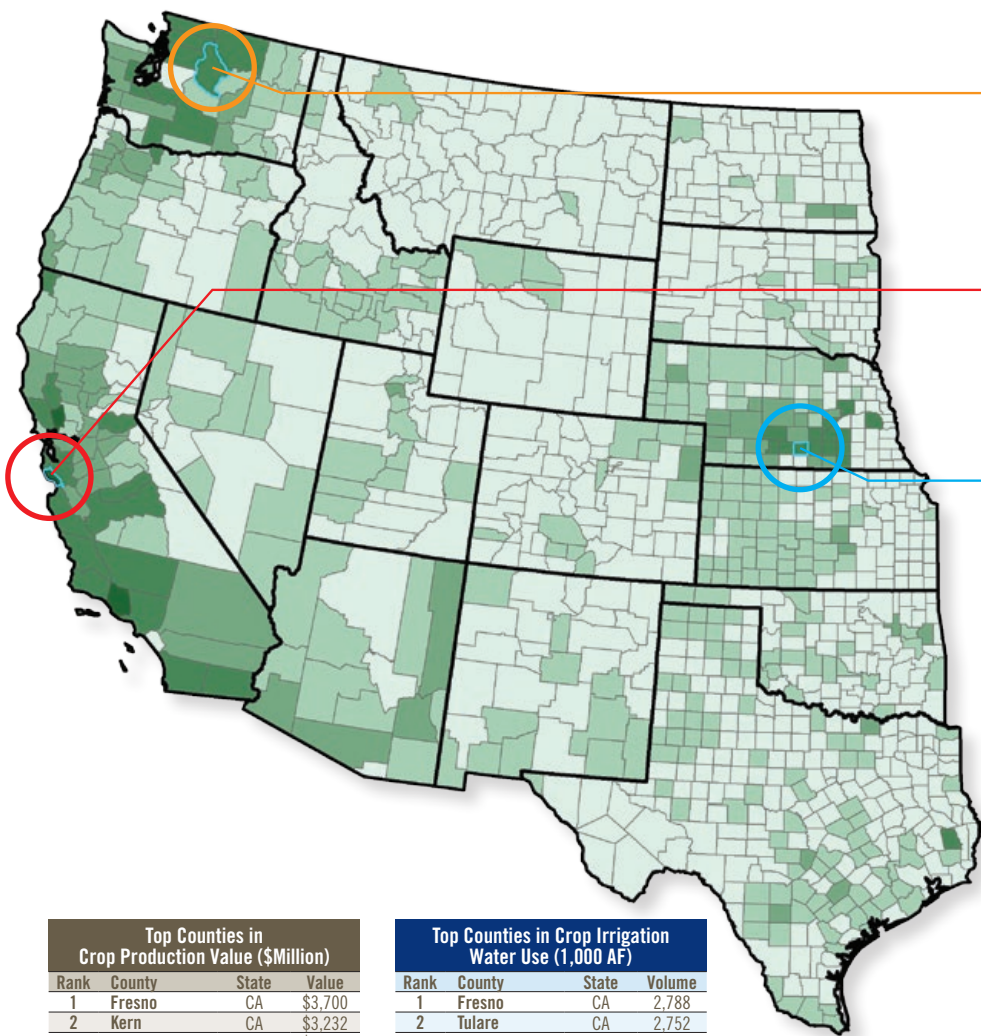


Water Market Insider

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The Value of Irrigated Agriculture in the Western States



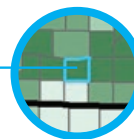
CHELAN COUNTY, WASHINGTON

\$203M in Crop Production Value
72% of cropland is irrigated
Primary crop is fruit trees
41,938 AF of annual irrigation water use
Irrigation Water Revenue: \$3,494 per AF



SANTA CRUZ COUNTY, CALIFORNIA

\$548M in Crop Production Value
70% of cropland is irrigated
Primary crops are fruits & vegetables
36,203 AF of annual irrigation water use
Irrigation Water Revenue: \$10,653 per AF



KEARNEY COUNTY, NEBRASKA

\$232M in Crop Production Value
80% of cropland is irrigated
Primary crops are corn & soybeans
112,686 AF of annual irrigation water use
Irrigation Water Revenue: \$1,649 per AF

Water carries significant value for agriculture and the West. Agriculture is the largest water user in the region, representing over 80% of total use. The sector is also an important part of the West's economy, generating more than \$90 billion in total farm revenue for the region. One measure of the value of water in agriculture is the revenue generated from each acre-foot water used for irrigation.

As the map illustrates, the revenue generated by water use in agriculture varies by county across the West. Counties generating the highest revenue per acre-foot are located in southern and coastal California, central Washington, and southern Nebraska.

Top Counties in Crop Production Value (\$Million)

Rank	County	State	Value
1	Fresno	CA	\$3,700
2	Kern	CA	\$3,232
3	Monterey	CA	\$2,935
4	Tulare	CA	\$1,671
5	San Joaquin	CA	\$1,659
6	Ventura	CA	\$1,430
7	Grant	WA	\$1,333
8	Imperial	CA	\$1,310
9	Merced	CA	\$1,273
10	Madera	CA	\$1,240
11	Santa Barbara	CA	\$1,129
12	Yakima	WA	\$1,069
13	Stanislaus	CA	\$1,063
14	Kings	CA	\$855
15	Riverside	CA	\$745
16	Yuma	AZ	\$697
17	San Diego	CA	\$648
18	San Luis Obispo	CA	\$618
19	Sonoma	CA	\$606
20	Benton	WA	\$582

Top Counties in Crop Irrigation Water Use (1,000 AF)

Rank	County	State	Volume
1	Fresno	CA	2,788
2	Tulare	CA	2,752
3	Kern	CA	2,014
4	San Joaquin	CA	1,772
5	Stanislaus	CA	1,679
6	Jefferson	ID	1,561
7	Merced	CA	1,539
8	Kings	CA	1,402
9	Jerome	ID	1,347
10	Yuma	AZ	1,252
11	Imperial	CA	1,218
12	Pinal	AZ	1,171
13	Grant	WA	1,152
14	Maricopa	AZ	1,134
15	Twin Falls	ID	1,076
16	Bingham	ID	1,056
17	Colusa	CA	928
18	Cassia	ID	894
19	Ada	ID	839
20	Mesa	CO	830

Western Counties Irrigation Water Revenue (\$/AF)

