



## WATER REDUCTION



### Overview

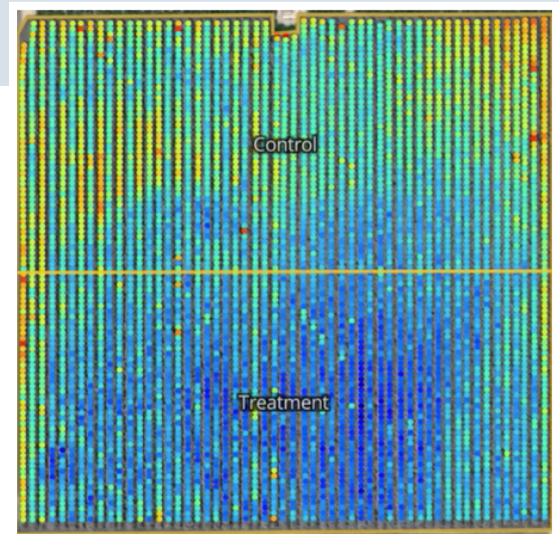
Irrigation reduction studies were performed on almonds, grapes, peanuts and potatoes. A treatment and control was established for both control and treatment areas.



yields were the same for both the control and treatment

Control

Treatment



Blue areas depict higher water content (despite 30% water reduction)

Year	Crop	Control Acres	Treatment Ac	Control Irr (g)	Treatment Irr (g)	Reduction (g)	% Reduction
2020	Almonds	37	37	48,225,948	33,758,164	14,467,784	30.0%
2020	Almonds	19	19	24,776,000	17,343,200	7,432,800	30.0%
2020	Grapes	19	19	24,776,000	17,343,200	7,432,800	30.0%
2021	Peanut*	60	60	20,288,213	19,332,263	955,950	4.7%
2021	Potato	77	71	734,516	752,166	-17,650	-2.4%
2021	Potato	79	82	848,563	549,869	298,694	35.2%
	*Installed mid-season		<b>Total</b>	<b>119,649,239</b>	<b>89,078,861</b>	<b>30,570,378</b>	<b>25.5%</b>