Table S1 Geographic data for experimental sites. Coordinates are given in decimal degrees. Abbreviations match Fig. 1.

Name	Abbreviation	Latitude	Longitude	Elevation (m)
Southwest 1	SW1	44.47	-120.71	1128
Southwest 2	SW2	44.38	-120.52	1134
Southwest 3	SW3	43.30	-117.27	1043
Center 1	C1	46.24	-117.74	1022
Center 2	C2	46.28	-117.60	1457
Center 3	C3	46.24	-117.49	1445
North 1	N1	49.05	-119.56	842
North 2	N2	49.04	-119.05	866

Table S2 Pearson correlation coefficients among precipitation and temperature variables associated with experimental sites. For **(A)** precipitation, **(B)** temperature, and **(C)** precipitation and temperature, correlations are shown between annual, fall (September-November), winter (December-February), spring (March-May), and summer (June-July, because all plants senesce before August). Normal values were calculated over 50 years (1963-2012), while 2014-2015 values are from the growing season of plants in the experiment. Normal climate data is from ClimateWNA (Wang et al., 2012) and 2014-2015 variables are from PRISM (PRISM Climate Group, Oregon State University, prism.oregonstate.edu). Variables used in models and their correlations are indicated in bold text.

A. Temperature

	MAT (normal)	Fall temp. (normal)	Winter temp. (normal)	Spring temp. (normal)	Summer temp. (normal)	MAT (2014-15)	Fall temp. (2014)	Winter temp. (2014-15)	Spring temp. (2015)
Fall temp. (normal)	0.97								
Winter temp. (normal)	0.69	0.83							
Spring temp. (normal)	0.86	0.73	0.23						
Summer temp. (normal)	0.72	0.54	0.01	0.94					
MAT (2014-2015)	0.71	0.68	0.62	0.44	0.48				
Fall temp. (2014)	0.70	0.75	0.82	0.30	0.26	0.95			
Winter temp. (2014-2015)	0.60	0.74	0.95	0.11	-0.04	0.71	0.90		
Spring temp. (2015)	0.28	0.05	-0.38	0.57	0.78	0.40	0.08	-0.35	
Summer temp. (2015)	**0.25**	0.05	-0.24	0.40	0.65	0.59	0.30	-0.14	0.93

B. Precipitation

	MAP (normal)	Fall precip. (normal)	Winter precip. (normal)	Spring precip. (normal)	Summer precip. (normal)	MAP (2014-15)	Fall precip. (2014)	Winter precip. (2014-15)	Spring precip. (2015)
Fall precip. (normal)	1.00								
Winter precip. (normal)	1.00	1.00							
Spring precip. (normal)	0.99	0.99	0.98						
Summer precip. (normal)	0.92	0.88	0.88	0.89					
MAP (2014-2015)	0.99	0.99	0.99	0.98	0.88				
Fall precip. (2014)	0.98	0.98	0.98	0.97	0.87	0.98			
Winter precip. (2014-2015)	0.98	0.98	0.98	0.98	0.86	1.00	0.98		
Spring precip. (2015)	0.96	0.97	0.96	0.98	0.82	0.98	0.95	0.99	
Summer precip. (2015)	**0.13**	0.10	0.11	0.05	0.38	0.11	0.04	0.09	0.01

C. Precipitation and temperature

	MAT (normal)	Fall temp. (normal)	Winter temp. (normal)	Spring temp. (normal)	Summer temp. (normal)	MAT (2014-15)	Fall temp. (2014)	Winter temp. (2014-15)	Spring temp. (2015)	**Summer temp. (2015)**
MAP (normal)	**0.20**	0.30	0.47	-0.05	-0.19	0.23	0.31	0.37	-0.18	**-0.08**
Fall precip. (normal)	0.23	0.34	0.53	-0.05	-0.21	0.22	0.33	0.41	-0.24	-0.14
Winter precip. (normal)	0.22	0.33	0.53	-0.06	-0.22	0.22	0.33	0.42	-0.25	-0.15
Spring precip. (normal)	0.30	0.37	0.52	0.03	-0.10	0.34	0.41	0.42	-0.09	0.03
Summer precip. (normal)	-0.08	-0.04	0.09	-0.17	-0.21	0.04	0.03	0.01	0.01	0.09
MAP (2014-2015)	0.25	0.34	0.51	-0.02	-0.16	0.28	0.37	0.43	-0.19	-0.07
Fall precip. (2014)	0.28	0.37	0.50	0.04	-0.13	0.21	0.30	0.38	-0.18	-0.12
Winter precip. (2014-2015)	0.28	0.37	0.53	0.00	-0.14	0.31	0.40	0.46	-0.18	-0.06
Spring precip. (2015)	0.34	0.43	0.61	0.02	-0.12	0.40	0.49	0.53	-0.17	-0.02
Summer precip. (2015)	**-0.84**	-0.80	-0.51	-0.79	-0.67	-0.50	-0.48	-0.39	-0.28	**-0.17**

Fig. S1 Seeds per fruit in plots with factorial pollinator exclusion and water addition treatments in each of three geographic regions within the range of *Clarkia pulchella*. Boxplots show the median, first and third quartiles, and range of the raw data; black points and error bars show the model-fitted means and 95% confidence intervals; open triangles are raw means of the data. Despite a statistically significant interaction between pollinators and water addition (analyses not shown), the biological effect of watering on seed set appears negligible

Fig. S2 Fruits per plant in plots with factorial pollinator exclusion and water addition treatments in each of three geographic regions within the range of *Clarkia pulchella*. Boxplots show the median, first and third quartiles, and range of the raw data; black points and error bars show the model-fitted means and 95% confidence intervals; open triangles are raw means of the data. Despite statistically significant interactions between pollinators and water addition, as well as between region and water addition (analyses not shown), the biological effect of watering on fruit number appears negligible

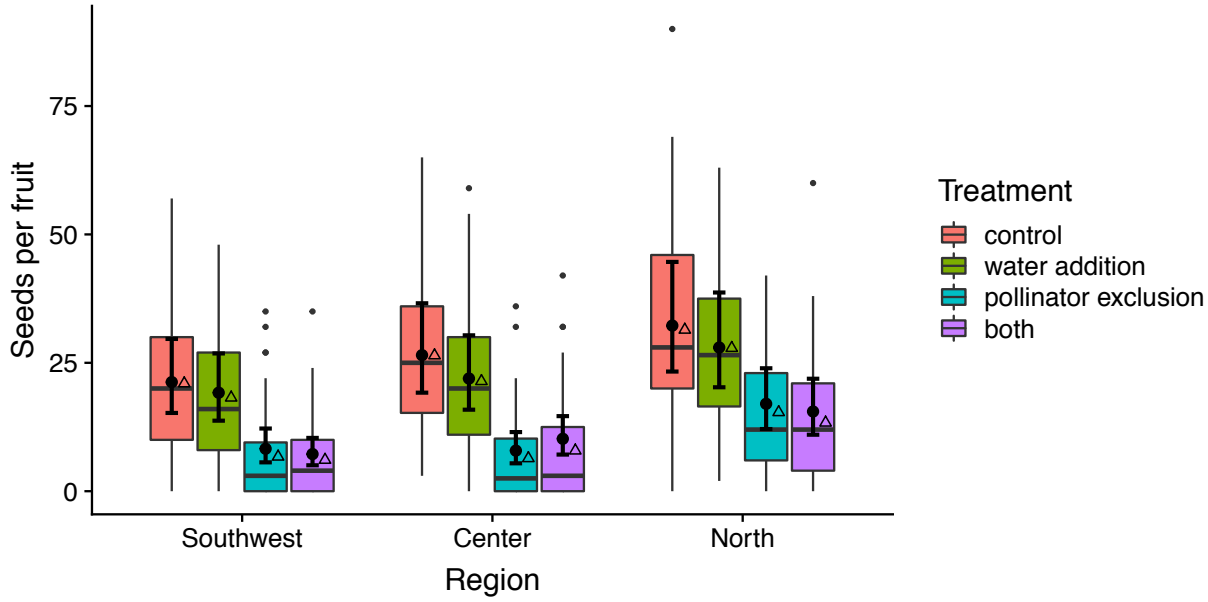
Seeds per fruit
75
50
25
0
Southwest
Center
North
Region
Treatment
control
water addition
pollinator exclusion
both

Fig. S1

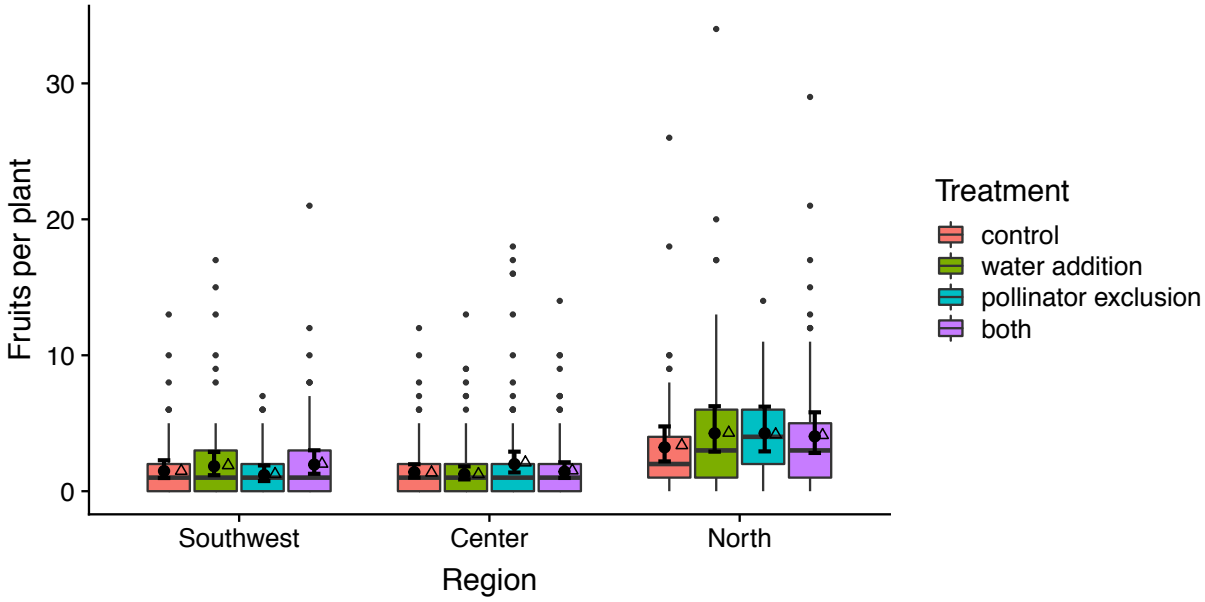
Fruits per plant
30
20
10
0
Southwest
Center
North
Region
Treatment
control
water addition
pollinator exclusion
both

Fig. S2