

Table S1: The electrical conductivity of the different soil amendments at the beginning and end of the experiment

Soil Amendment Treatment	Initial Electrical Conductivity (dS)	Final Electrical Conductivity ¹ (dS)	Change in Electrical Conductivity
Control	11.7	13.4	+1.7
Biochar	10.5	10.8	+0.3
Gypsum	13.0	10.6	-2.4
Mulch	8.7	9.2	+0.5

¹Taken 6 months after the amendments were added to the soil

Table S2: Analysis of Variance (ANOVA) results on the survival rates of each species

	<i>Artemisia californica</i>		<i>Extriplex californica</i>		<i>Frankenia salina</i>		<i>Elymus triticoides</i>		<i>Hordeum brachyantherum</i>		<i>Stipa pulchra</i>	
	<i>F value</i>	<i>p</i>	<i>F value</i>	<i>p</i>	<i>F value</i>	<i>p</i>	<i>F value</i>	<i>p</i>	<i>F value</i>	<i>p</i>	<i>F value</i>	<i>p</i>
Fertilizer	0.573	0.46	1.173	0.30	0.255	0.62	0.797	0.39	2.416	0.1409	8.910	<0.01
Amendment	0.634	0.60	0.798	0.51	1.617	0.23	0.00	1.00	1.086	0.3850	5.541	<0.01
Fert x Amend	0.340	0.80	3.014	0.06	0.779	0.52	0.630	0.61	0.960	0.4369	0.865	0.4807
Initial EC	0.188	0.67	2.375	0.14	1.815	0.20	0.645	0.43	4.367	0.0541	0.032	0.8599

Table S3: Analysis of Variance (ANOVA) results on the growth rates of each species

	<i>Artemisia californica</i>		<i>Extriplex californica</i>		<i>Frankenia salina</i>		<i>Elymus triticoides</i>		<i>Hordeum brachyantherum</i>		<i>Stipa pulchra</i>	
	<i>F value</i>	<i>p</i>	<i>F value</i>	<i>p</i>	<i>F value</i>	<i>p</i>	<i>F value</i>	<i>p</i>	<i>F value</i>	<i>p</i>	<i>F value</i>	<i>p</i>
Fertilizer	0.99	0.33	83.03	<0.01	0.75	0.39	6.70	0.01	27.86	<0.01	3.07	0.08
Amendment	0.64	0.60	2.23	0.10	1.00	0.40	0.51	0.68	3.10	0.04	4.81	0.01
Fert x Amend	1.19	0.32	0.15	0.93	0.66	0.58	1.96	0.13	0.87	0.47	0.40	0.68
Initial EC	0.36	0.55	14.82	<0.01	0.090	0.77	0.10	0.75	4.58	0.04	15.91	<0.01