CROP	Salt Tolerance	*$ECe_{(ct)}$ Crop Threshold (dS/m)	% Yield Reduction per unit increase above $ECe_{(ct)}$	Irrigation ECiw (dS/m) 0.5	1.0	2.0	3.0	4.0	Irrigation ECiw (dS/m) 0.5	1.0	2.0	3.0	4.0
				Soil ECe will concentrate about 1.5 to 3.0 times the ECiw in the top root zone ** % Yield Reduction					% Leaching Fraction (LF) for conventional irrigation $Fc = ECe_{(ct)}/ECiw$ ***$LF = 0.3086/Fc^{1.702}$				
Barley	T	8.0	5.0	0	0	0	0	0	0.3	1	3	6	10
Cotton	T	7.7	5.2	0	0	0	0	0	0.3	1	3	6	10
Bermuda Grass	T	6.9	6.4	0	0	0	0	0	0.4	1	4	8	12
Triticale	T	6.1	2.5	0	0	0	0	0	0.4	1	5	9	15
Sorghum	MT	6.8	16	0	0	0	0	0	0.4	1	4	8	13
Oats	MT	6.0	5.6	0	0	0	0	0	0.5	2	5	10	16
Wheat Common	MT	6.0	7.1	0	0	0	0	0	0.5	2	5	10	16
Tall Fescue	MT	3.9	5.3	0	0	0	3	11	1	3	10	20	32
Peanut	MS	3.2	29.0	0	0	0	38	81	1	4	14	28	45
Tomato	MS	2.5	9.9	0	0	5	20	35	2	7	21	42	>50
Alfalfa	MS	2.0	7.3	0	0	7	18	29	3	10	31	>50	>50
Pecan	MS	1.9	16.6	0	0	18	43	68	3	10	34	>50	>50
Corn Grain	MS	1.7	12.0	0	0	16	34	52	4	13	41	>50	>50
Strawberry Clover	MS	1.5	12.0	0	0	18	36	54	5	16	>50	>50	>50
Pepper	MS	1.5	14.0	0	0	21	42	63	5	16	>50	>50	>50
Lettuce	MS	1.3	13.0	0	3	22	42	61	6	20	>50	>50	>50
Peach	S	1.7	21.0	0	0	27	59	90	4	13	41	>50	>50
Apple	S	1.3	17.5	0	4	30	56	82	6	20	>50	>50	>50
Onion	S	1.2	16.0	0	5	29	53	77	7	23	>50	>50	>50
Green Bean	S	1.0	19.0	0	10	38	67	95	10	31	>50	>50	>50

***$ECe_{(ct)}$** is the Crop Threshold Soil Salinity. It is the maximum mean root zone soil salinity at which yield reductions will not occur. **Due to many variables governing salt balance, the calculated values are an estimate.

*** % LF needs to be evaluated with actual % Irrigation efficiencies.