

Figure 3, found on page 44 of *Agricultural Salinity and Drainage's* "How Water Quality Affects Infiltration" by Blaine Hanson, Division of Agriculture and Natural Resources Publication 3375, University of California Irrigation Program, University of California – Davis.

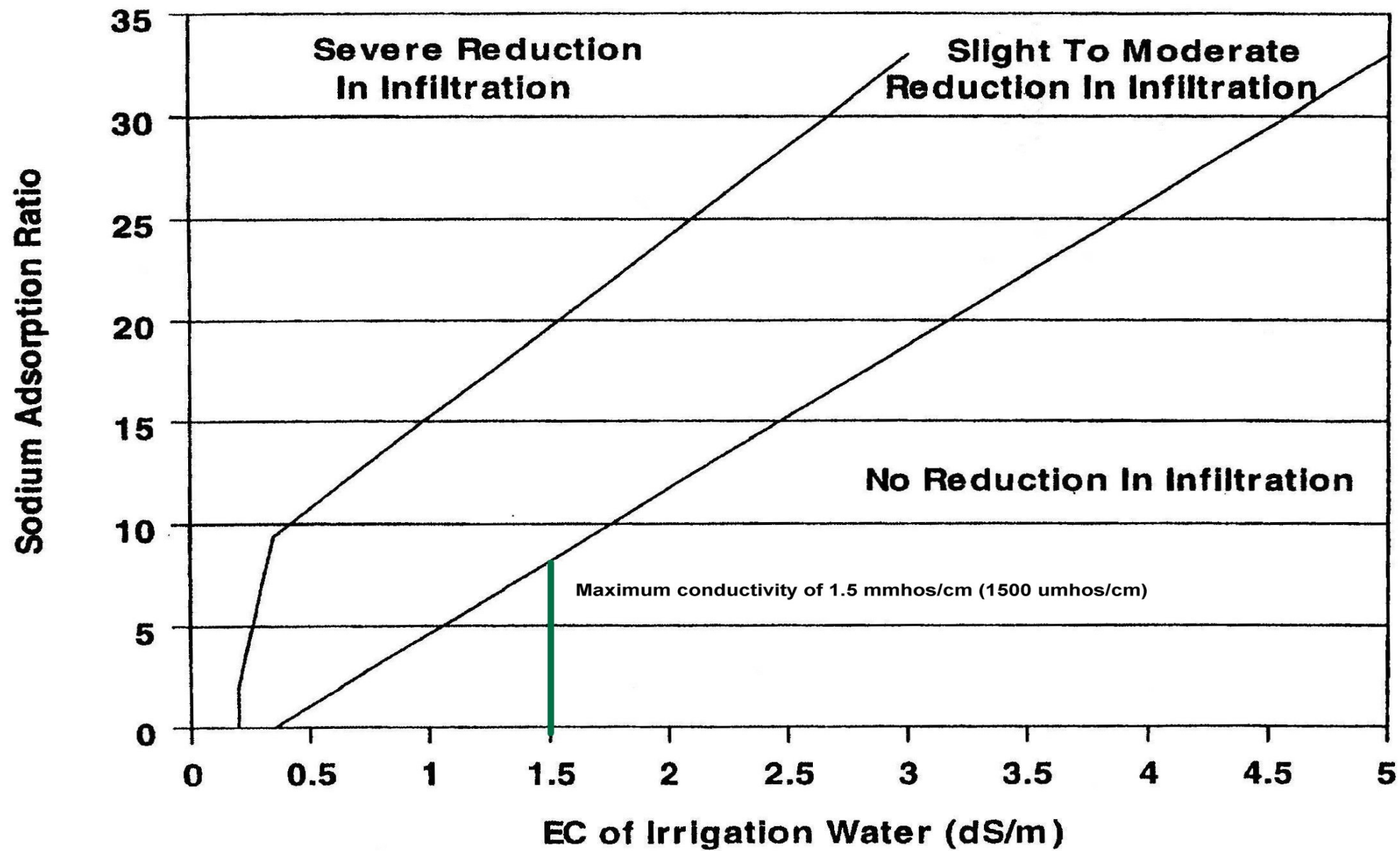


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## Baseline & Following CBM Water Application

							%								
			Soil Test	Soil		%	Organic	EC	----- meq/l -----				Inches	Tons/Ac - Month	
Field/(2012 Crop)	Acres	Depth	Timing	Texture	pH	CaCO3	Matter	mmhos/cm	Ca	Mg	Na	SAR	Water	Gypsum	Sulfur
XXXXXXXXXXXXX	27.0	0-6"	Baseline	L	7.8	4.6	2.03	0.67	4.25	1.15	1.11	0.67	n/a	n/a	n/a
(Alfalfa)			F2002	CL	7.4	4.1	2.95	3.61	24.1	6.14	18.5	4.76	9.1	0	0
			F2003	CL	8.0	4.2	2.36	1.92	2.50	0.91	20.3	15.5	19.5	0	0
			F2004	CL	8.0	5.1	2.55	4.11	12.4	3.60	40.3	14.2	12.9	10.7-July	Burner
			F2005	CL	8.4	4.4	2.43	1.65	1.91	0.45	16.9	15.5	30.2	4.0-Sept	0.5-June
			F2006	CL	8.1	3.9	2.09	2.83	3.19	2.81	24.2	14.0	25.8	"8"	"9"
			F2007	SiCL	7.9	3.7	2.78	5.13	14.6	3.84	46.3	15.2	24.5	"10"	0.5-Apr
			F2008	CL	7.8	3.6	2.83	5.50	28.3	5.70	43.1	10.0	21.8	8.0-Nov	1.0-Nov
			F2009	CL	7.6	4.4	2.81	4.51	26.4	4.76	30.8	7.79	8.2	8.0-Nov	0.5-Nov
			F2010	CL	7.6	4.1	2.29	4.43	29.0	4.58	29.5	7.20	10.5	4.0-Nov	1.0-Nov
			F2011	L	7.5	4.2	3.00	3.90	31.7	5.36	18.2	4.22	4.7	0	0
			F2012	CL	7.4	4.4	2.78	3.30	27.6	4.69	14.7	3.67	0.0	0	0
		6-24"	Baseline	CL	7.8	-	-	0.74	4.09	2.03	1.02	0.59	XXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXX
			F2002	CL	7.4	-	-	1.11	7.31	3.33	2.19	0.95	XXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXX
			F2003	CL	7.7	-	-	1.67	5.64	4.06	11.0	5.00	XXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXX
			F2004	CL	7.9	-	-	2.98	7.15	2.66	25.6	11.6	XXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXX
			F2005	CL	8.4	-	-	1.79	1.77	0.93	17.9	15.4	XXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXX
			F2006	CL	8.1	-	-	2.76	3.09	1.38	24.6	16.5	XXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXX
			F2007	CL	8.0	-	-	4.32	9.50	4.15	38.1	14.6	XXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXX
			F2008	CL	8.3	-	-	2.40	1.69	0.74	22.1	20.0	XXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXX
			F2009	Si	7.9	-	-	3.33	5.78	2.65	28.7	14.0	XXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXX
			F2010	CL	8.1	-	-	3.14	3.52	1.93	28.6	17.4	XXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXX
			F2011	CL	8.0	-	-	3.70	6.89	3.09	32.7	14.6	XXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXX
			F2012	CL	7.9	-	-	3.30	5.38	3.12	29.7	14.4	XXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXX