

Table 3. Root zone depth (RZ Dep), soil salinity (ECe, Cle), and leaching fraction (Lf) at the base of the root zone at seven south Delta alfalfa sites in Fall 2013 and 2014, averaged across top, middle, and bottom field sections. Sites 1-4 are represented by the soil series Merritt silty clay loam; sites 5-6 are represented by Grangeville fine sandy loam; and site 7 is represented by Ryde clay loam.

Site	2013					2014				
	RZ Dep (cm)	ECe (dS/m)	Cle (meq/L)	Lf EC (%) CI (%)		RZ Dep (cm)	ECe (dS/m)	Cle (meq/L)	Lf EC (%) CI (%)	
1	100	11.2	84.8	3	2	120	9.8	60.2	3	2
2	150	14.1	114.2	3	1	130	9.8	58.0	5	3
3	140	1.4	5.0	21	23	140	1.2	4.9	18	19
4	150	9.5	65.1	3	2	120	10.7	66.2	2	2
5	130	3.6	20.6	25	20	130	4.1	20.7	26	25
6	120	8.1	53.0	6	5	130	9.8	57.0	5	4
7	140	3.1	11.7	7	7	150	3.8	10.5	8	14

Table 4. Alfalfa yield averaged across cuttings and field sections at seven Delta sites in 2013 and 2014.

Site	2013			2014		
	Number of Cuttings	Annual Yield (tons/acre)	Annual Yield (Mg/ha)	Number of Cuttings	Annual Yield (tons/acre)	Annual Yield (Mg/ha)
1	6	8.2	18.7	6	5.6	12.7
2	6	11.9	27.1	6	9.3	21.2
3	6	8.3	18.9	7	4.4	10.0
4	6	8.1	18.4	6	5.4	12.3
5	5	9.8	22.3	5	9.2	20.9
6	6	10.4	23.7	6	8.2	18.7
7	6	8.4	19.1	6	7.8	17.7