

TABLE 5.--ACREAGE AND PROPORTIONATE EXTENT OF THE SOILS

Map symbol	Soil name	Acres	Percent
1	Balmorea association-----	30,050	1.0
2	Bigetty-Rockhouse association-----	14,450	0.5
3	Brewster-Rock outcrop association, hilly-----	12,090	0.4
4	Coyosa-Rock outcrop association, hilly-----	8,250	0.3
5	Dalby clay, 0 to 1 percent slopes-----	141,390	4.6
6	Delnorte association, gently undulating-----	84,180	2.8
7	Dev-Iraan association, frequently flooded-----	14,630	0.5
8	Ector association, hilly-----	207,010	6.8
9	Ector-Rock outcrop association, steep-----	510,840	16.8
10	Ector-Upton association, gently undulating-----	132,550	4.3
11	Hoban silty clay loam, 0 to 1 percent slopes-----	25,530	0.8
12	Iraan silty clay loam, occasionally flooded-----	72,630	2.4
13	Limpia association, gently sloping-----	12,290	0.4
14	Lozier association, hilly-----	257,660	8.5
15	Lozier-Rock outcrop association, steep-----	84,170	2.8
16	Monahans loam, 0 to 1 percent slopes-----	11,850	0.4
17	Monahans-Pajarito association, nearly level-----	38,060	1.2
18	Orla association, nearly level-----	38,220	1.3
19	Pecos-Patrole-Arno association-----	32,490	1.1
20	Reagan silty clay loam, saline-----	22,140	0.7
21	Reagan-Hodgins association, nearly level-----	455,410	15.0
22	Reakor silty clay loam, 0 to 1 percent slopes-----	49,360	1.6
23	Reakor association, nearly level-----	321,910	10.6
24	Reeves clay loam, 0 to 1 percent slopes-----	11,060	0.4
25	Reeves-Hoban association, nearly level-----	28,570	0.9
26	Sanderson association, gently undulating-----	238,880	7.9
27	Upton gravelly loam, 0 to 1 percent slopes-----	9,250	0.3
28	Upton association, gently sloping-----	168,680	5.6
	Water-----	1,920	0.1
	Total-----	3,035,520	100.0

TABLE 6.--GENERAL SALT TOLERANCE RATINGS OF VARIOUS CROPS

[Crops are listed according to maximum salt tolerance]

Kind of crop	Sensitive <sup>1</sup>	Moderately tolerant <sup>2</sup>	Tolerant <sup>3</sup>	Highly tolerant <sup>4</sup>
Field and forage-----	---	Sorghum (grain), corn (field), oats (hay), grama grasses, sudan-sorghum hybrids, sorghum (forage).	Wheat (grain), oats (grain), cotton, sunflower, Kleingrass, alfalfa.	Barley (grain), rye (grain), bermudagrass, wheatgrass, alkali sacaton, saltgrass.
Vegetable-----	---	Onion, hot pepper.	Tomato, cabbage.	---
Fruit, nut, and vine----	Pear, apple, plum.	Pecan, peach, apricot, grape, cantaloup.	---	---

<sup>1</sup> Sensitive crops can grow in soils having electrical conductivity of 2-4 mmho/cm, but yields can be reduced by as much as 50 percent.

<sup>2</sup> Moderately tolerant crops can grow in soils having electrical conductivity of 4-6 mmho/cm, but yields can be reduced by as much as 50 percent.

<sup>3</sup> Tolerant crops can grow in soils having electrical conductivity of 6-8 mmho/cm, but yields can be reduced by as much as 50 percent.

<sup>4</sup> Highly tolerant crops can grow in soils having electrical conductivity of 8-12 mmho/cm, but yields can be reduced by as much as 50 percent.