

SHEET INDEX SHEET 1 SHEET 2 SHEET 3 SHEET 4

179	Moderately deep, well drained, gravelly loam soils on very gently sloping lands, moderately eroded; associated with, deep, well drained, calcareous, gravelly loam soils with severe erosion.	Haplustalfs O Loamy-skeletal mixed Typic	(0.75)	soils on gently sloping lands, severely eroded;	O Loamy-skeletal, mixed, Typic 20.81 ustropepts (0.16) O Fine-loamy, mixed, Typic Ustropepts	233	Deep, imperfectly drained, calcareous, clayey of soils on gently sloping low-lands, moderately eroded; associated with; very deep, imperfectly drained, calcareous, cracking clay soils.	Fine, mixed, Typic Ustropepts Fine, montmorillonitic, Vertic Ustropepts	70.21 (0.54)	Moderately deep, imperfectly drained calcareous, cracking clay soils on gently sloping lands, slightly eroded; associated with; moderately deep, imperfectly drained,	Ustropepts	(0.30)
180	Deep, well drained, gravelly clay soils on gently sloping lands, moderately eroded; associated with; deep, well drained, gravelly clay soils on undulating lands with severe erosion.	O Clayey-skeletal, mixed, Typic Haplustalfs O Clayey-skeletal, mixed, Typic Rhodustalfs	(0.29)	gravelly clay soils of very gently sloping valleys,	O Clayey-skeletal, mixed, Typic 48.34 Ustropepts (0.36) O Fine, mixed, Typic ustropepts	234	Very deep, poorly drained, calcareous, clayey of soils of nearly level valleys, slightly eroded; associated with; moderately shallow, well drained, calcareous, clayey soils on undulating lands with moderate erosion	Fine, mixed, Typic Ustropepts Fine, mixed, Typic Haplustalfs	60.59 (0.47)	Deep, moderately well drained, cracking clay soils on gently sloping lands, moderately eroded; associated with; deep, imperfectly drained, cracking clay soils.	Ustropepts	(0.40)
181	drained, clayey soils.	Haplustalfs O Fine, mixed, Typic Haplustalfs	(0.82)	Moderately deep, well drained, gravelly clay soils on moderately sloping, isolated hills, severely eroded; associated with; deep, well drained, gravelly clay soils.	ustropepts (0.01) O Clayey-skeletal, mixed, Typic	235	Deep, moderately well drained, clayey soils on nearly level valleys, slightly eroded; associated with; deep, imperfectly drained, clayey soils of gently sloping valleys.		195.58 (1.50)	Deep, imperfectly drained, cracking clay soils on nearly level, tank-irrigation lands, slightly eroded; associated with; very deep, imperfectly drained, cracking clay soils.	Ustropepts	(0.35)
182	Deep, somewhat excessively drained, loamy soils on gently sloping lands, moderately eroded; associated with; shallow, well drained, clayey soils. Deep, well drained, loamy soils on gently sloping	Haplustalfs	(0.58)	Very deep, well drained, sandy soils on very gently sloping sand dunes and ridges, moderately eroded; associated with; very deep, well drained, loamy soils.	O Sandy, mixed, Typic Ustropepts 14.26 (0.11) O Coarse-loamy, mixed, Psammentic paleustalfs	236	Deep, well drained, clayey soils of nearly level ovalleys, slightly eroded; associated with; moderately deep, moderately well drained, ostratified, loamy soils.		44.91 (0.35)	Very deep, moderately well drained, calcareous, cracking clay soils on nearly level, tank-irrigated lands, slightly eroded; associated with; very deep, moderately well drained, calcareous, clayey soils on gently sloping lands.	Ustropepts	(0.21)
183	lands, moderately eroded; associated with; deep, well drained, clayey soils. Moderately shallow, well drained, loamy soils on	Haplustalfs O Fine, mixed, Typic Rhodustalfs O Fine-loamy, mixed, Typic	(0.22)	soils on very gently sloping lands, moderately	O Coarse-loamy, mixed, Typic 40.51 Ustropepts (0.31) O Fine-loamy, mixed, Typic Ustropepts	237	calcareous, clayey soils on very gently sloping,	Fine, mixed, Typic Ustropepts Fine-loamy, mixed, Typic Ustifluvents	53.02 (0.41)	Very deep, moderately well drained, calcareous clayey soils on nearly level lands, slightly eroded; associated with; very deep, moderately well drained, calcareous, cracking clay soils.	O Very-fine, montmorillonitic, Verti Ustropepts O Very-fine, montmorillonitic, Enti Chromusterts	(1.08)
184	sloping lands, moderately eroded; associated	O Fine-loamy, mixed, Typic Haplustalfs	99.50	loamy soils on nearly level lands, slightly eroded;	O Coarse-loamy, mixed, typic 3.68 Ustropepts (0.03) O Fine-loamy, mixed, typic Ustropepts	238	Deep, moderately well drained, calcareous, O clayey soils of nearly level valleys, slightly eroded; associated with; very shallow, well o drained, calcareous, gravelly clay soils.	Fine, mixed, Typic Ustropepts Clayey-skeletal, mixed, Lithic Ustorthents	30.75 (0.24)	drained, loamy soils	Paleustalfs O Fine-loamy, mixed, Typi Ustropepts	(0.29) ic
186	with; moderately shallow, well drained, gravelly clay soils on level lands. Deep, well drained, clayey soils on gently sloping lands, moderately eroded; associated with; rock outcrops.	O Fine, mixed, Typic Haplustalfs	74.22 (0.58)	Deep, moderately well drained, calcareous, loamy soils on nearly level, tank-irrigated lands, slightly eroded; associated with; deep, moderately well drained, clayey soils.	Ustropents (0.46)	239	Very deep, moderately well drained, calcareous, O clayey soils on nearly level lowlands, slightly eroded; associated with; deep, poorly drained, o calcareous, clayey soils.	Fine, mixed, Typic, Tropaquepts	14.57 (0.11)	Deep, imperfectly drained, calcareous, cracking clay soils on nearly level lands, slightly eroded; associated with; very deep, imperfectly drained, calcareous, cracking clay soils. Very deep, imperfectly drained, cracking clay	O Fine, montmorillonitic, Enti Chromusterts	(0.05) ic
187	Moderately shallow, somewhat excessively drained, gravelly loam soils on undulating lands, moderately eroded; associated with; moderately	O Rock outcrops O Loamy-skeletal, mixed, Kanhaplic Haplustalfs O Clayey-skeletal, kaolinitic, Kandic	(0.21)	level valleys slightly eroded; associated with;	O Fine-loamy, mixed, Typic 135.49 Ustropepts (0.97) O Fine-loamy, mixed, Typic Ustropepts	240	Very deep, imperfectly drained, calcareous, O clayey soils of nearly level, tank-irrigated lands, slightly eroded; associated with; very deep, moderately well drained, calcareous, cracking clay soils Very deep, moderately well drained, calcareous, O	Fine, montmorillonitic, Udorthen- tic Chromusterts		soils of nearly level valleys, moderately eroded; associated with; very deep, moderately well drained, calcareous, loamy soils. Very deep, imperfectly drained, cracking clay soils of nearly level valleys, moderately eroded;	Ustropepts	
188	shallow, well drained, gravelly clay soils on gently sloping lands. Moderately shallow, well drained, gravelly clay soils on undulating lands, moderately eroded; associated with; deep, well drained, gravelly clay soils with slight erosion.	O Clayey-skeletal, kaolinitic, Kanhaplic Haplustalfs	(0.46)	loamy soils on nearly level lowlands, slightly	O Fine-loamy, mixed, Typic 45.58 Ustropepts (0.35) O Fine, montmorillonitic, Vertic Ustropepts	241	clayey soils of nearly level lands, moderately eroded; associated with; very deep, imperfectly drained, calcareous, cracking clay soils.	Ustropepts Fine, montmorillonitic, Typic Chromusterts Fine-loamy, mixed, Fluventic	(0.39)	Very deep, imperfectly drained, calcareous, cracking clay soils. Very deep, imperfectly drained, calcareous, cracking clay soils on gently sloping lands.	O Fine, montmorillonitic, Verti Ustropepts O Fine, montmorillonitic, Typi Chromusterts	ic 362.49 (2.79)
189	Shallow, well drained, gravelly clay soils on gently sloping laterite land, moderately eroded; associated with; moderately shallow, well drained, gravelly loam soils.	O Clayey-skeletal, kaolinitic, Kanhaplic Haplustalfs O Loamy-skeletal, mixed, Oxic Ustropepts	(0.02)	soils on nearly level, tank-irrigated lands, slightly	O Fine-loamy, mixed, Typic 30.95 Ustropepts (0.24) O Fine, montmorillonitic, Vertic Ustropepts	242	Very deep, imperfectly drained, loamy soils of onearly level valleys, slightly eroded; associated	Fine-loamy, mixed, Typic Ustropepts Fine-loamy, mixed, Fluventic Ustropepts		cracking clay soils on gently sloping lands,	O Fine, montmorillonitic, Typi Chromusterts	ic 44.76 (0.35)
190	Moderately shallow, somewhat excessively drained, gravelly clay soils on gently sloping lands, moderately eroded; associated with; moderately deep, well drained, loamy soils on very gently sloping lands.	O Clayey-skeletal, kaolinitic, Kanhaplic Haplustalfs O Fine-loamy, mixed, Oxic Ustropepts	(0.13)	Shallow, excessively drained, loamy soils on gently sloping lands, moderately eroded; associated with; moderately shallow, well drained, loamy soils.	Ustropepts (0.12) Loamy, mixed, Lithic Ustorthents	244		Fine-loamy, mixed Typic Ustifluvents Clayey over sandy, mixed, Fluventc Ustropepts Fine mixed Typic Ustropepts	10.03 (0.08)	deep, well drained, calcareous, cracking clay soils with moderate erosion. Very deep, imperfectly drained, cracking clay soils on nearly level lands, slightly eroded.	Ustropepts	ic 16.19 (0.13)
191	Deep, well drained, loamy soils on gently sloping lands, moderately eroded; associated with; deep, well drained, loamy soils.	O Fine-loamy, mixed, Kanhaplic Haplustalfs O Fine-loamy, mixed, Kandic Rhodustalfs	(0.39)	Moderately shallow, well drained, calcareous, clayey soils on nearly level lands, moderately eroded Deep, moderately well drained, calcareous, clayer and clayer soils on nearly level lands, moderately eroded	(0.29)	245	Shallow, moderately well drained, calcareous, O clayey soils of nearly level valleys, moderately eroded; associated with; moderately deep, moderately well drained, calcareous, cracking	Clayey, mixed, Lithic Ustropepts Fine, montmorillonitic, Vertic	23.06 (0.18)	Very deep, moderately well drained, calcareous, cracking clay soils on gently sloping lands, slightly eroded.	Chromusterts	ic 81.43 (0.63)
192	Deep, very poorly drained, strongly saline, clayey soils on nearly level marshy lands, slightly eroded.	O Fine, mixed, Typic Halaquepts	(0.21)	clayey soils on gently sloping lowlands, slightly eroded. Deep, moderately well drained, calcareous, clayey soils of nearly level valleys, slightly	Fine, mixed, Typic Ustropepts 76.54 (0.59)	246	clay soils with slight erodion	Loamy-skeletal, mixed, Oxic Ustropepts Fine-loamy, mixed, Kanhaplic Haplustalfs	(0.09)	Very deep, imperfectly drained, calcareous, cracking clay soils on nearly level, tank-irrigated lands, slightly eroded; associated with; very deep, imperfectly drained, cracking clay soils with moderate erosion.	O Fine, montmorillonitic, Udor	(1.99)
193	Very deep, somewhat excessively drained, sandy soils on very gently sloping plains, slightly eroded. Very deep, somewhat excessively drained,		56.69 (0.44) 8.66	Deep, imperfectly drained, calcareous, clayey, could soils on nearly level lowlands, slightly eroded	Fine, mixed, Typic Ustropepts 233.39 (1.80)	247	Deep, somewhat excessively drained, gravelly of clay soils on very gently sloping lands, moderately eroded; associated with, deep, well drained, clayey soils.		29.91 (0.23)	Deep, moderately well drained, calcareous, cracking clay soils on gently sloping lands,	Pellusterts	(1.09)
194	sandy soils on very gently sloping lands, moderately eroded. Very deep, somewhat excessively drained, sandy soils on		(0.06)	Very deep, moderately well drained, clayey soils of nearly level valleys, slightly eroded; associated with; moderately deep, well drained, loamy soils with moderate erosion.	(0.04)	248	Moderately deep, somewhat 'excessively orderately clay soils on very gently sloping lands, moderately eroded; associated with; deep, well drained, gravelly clay soils on nearly level lands with slight erosion.	Clayey-skeletal, kaolinitic Oxic Ustropepts Clayey-skeletal, kaolinitic, Kandic Rhodustalfs	(0.44)		Pellusterts O Fine montmorilionitic Vertice	(0.02)
195	very gently sloping lands, moderately eroded. Very deep, excessively drained, sandy soils on		(0.22)	Very deep, moderately well drained, calcareous, clayey soils on nearly level, tank-irrigated lands, slightly eroded; associated with; very deep, imperfectly drained, calcareous, loamy soils.	Fine mixed, Typic Ustropepts 12.97 (0.10)	249	Moderately shallow, well drained, gravelly clay of soils on very gently sloping lands, moderately eroded; associated with; moderately shallow, well drained, loamy soils.	Ustropepts Fine-loamy, mixed, Kanhaplic Haplustalfs	(0.27)	Very deep, well drained, calcareous, cracking clay soils of nearly level valleys, moderately	Pellusterts O Fine montmorillonitic Vertice	(0.11)
196	gently sloping sand hills, severely eroded Very deep, excessively drained, sandy soils on		(0.19)	Very deep, moderately well drained, clayey soils on nearly level lowlands, slightly eroded; associated with; moderately deep, moderately well drained, loamy soils.	Fine-loamy, mixed, Typic Ustropepts (0.24)	250	drained, gravelly clay soils on very gently sloping	Clayey-skeletal, kaolinitic, Oxic Ustropepts Clayey-skeletal, kaolinitic, Lithic Ustorthents Fine-loamy, mixed, Oxic	(0.07)	Periodically flooded lands	O Marsh	36.74 (0.28)
197	Very deep, moderately well drained, sandy soils on gently sloping sand ridges, moderately		(0.19) 41.69 (0.33)	Very deep, moderately well drained, clayey soils of narrow valleys, slightly eroded; associated with; moderately deep, moderately well drained, loamy soils. Very deep, moderately well drained, calcareous, Company soils.	Fine-loamy, mixed, Fluventic Ustropepts (0.02)	251	sloping lands, moderately eroded; associated	Ustropepts Fine-loamy, mixed, Typic Ustropepts	(1.42)	Deep, very poorly drained, clayey soils on nearly level salt pans with strong salinity	O Fine, mixed, Typic Halaquepts	10.37 (0.08)
199	very deep, imperfectly drained, sandy soils on nearly level lands, moderately eroded; associated with; very deep, excessively drained,	O Mixed, Aquic Ustipsamments	21.77 (0.17)	clayey soils on very gently sloping lands, slightly eroded; associated with; very deep, moderately well drained, calcareous, cracking clay soils. Very deep, moderately well drained, calcareous, Company of the compan	Fine, montmorillonitic, Vertic ustropepts (0.05)	252	with; deep, somewhat excessively drained, loamy soils. Very deep, moderately well drained, calcareous, cracking clay soils of nearly level valleys, slightly	Ustropepts		Periodically flooded lands, salt-affected 279 Very deep very poorly drained strongly seline	O Fine mixed Assis Helesses	5.70 (0.04)
200	Very deep, imperfectly drained, sandy soils on nearly level lands, slightly eroded; associated	O Mixed, Aquic Ustipsamments O Fine-loamy, mixed, Typic	12.04 (0.09)	lands with slight erosion. Deep, imperfectly drained, calcareous, clayey	Fine, montmorillonitic, Vertic Ustropepts Fine, mixed, Typic ustropepts 32.91		Very deep, imperfectly drained, calcareous, O cracking clay soils on nearly level, tank-irrigated,	Fine, montmorillonitic, Vertic Ustropepts		280 Very deep, very poorly drained, strongly saline, clayey soils on nearly level marsh lands Periodically flooded lands	O Marsh	(0.06)
201	soils on very gently sloping, narrow, tank- irrigated valleys, moderately eroded; associated	O Coarse-loamy, mixed, Typic Ustifluvents O Mixed, Typic Ustipsamments	8.05 (0.06)	soils of nearly level valleys slightly eroded; associated with; deep moderately well drained, cracking clay soils. Very deep, imperfectly drained, clayey soils of nearly level valleys, slightly eroded; associated	Ustropepts Fine, mixed, Typic Ustropepts 18.99 (0.15)	255	Deep, moderately well drained, calcareous, O cracking clay soils on nearly level lowlands, moderately eroded.	Fine, montmorillonitic, Vertic Ustropepts	87.45 (0.67)	Periodically flooded lands,	O Marsh	6.35
202	 with; deep, well drained, sandy soils of nearly level, narrow valleys. Very deep, well drained, stratified, loamy soils of nearly level, narrow valleys, slightly eroded; associated with; very deep, moderately well drained, clayey soils of very gently sloping, 	O Coarse-loamy, mixed, Typic Ustifluvents	(0.15)	with; deep, imperfectly drained, cracking clay soils. Very deep, moderately well drained, calcareous, clayey soils on nearly level, tank-irrigated lands, slightly eroded; associated with; very deep, moderately well drained, calcareous, cracking	Ustropepts Fine, mixed, Typic Ustropepts 186.23 (1.43)	256	Very deep, well drained, cracking clay soils on nearly level, tank-irrigated lands, slightly eroded; associated with; very deep, well drained, calcareous, clayey soils.	Ustropepts	(0.64)	Periodically flooded lands, strongly sodic	O Marsh	(0.04) 10.97 (0.09)
203	Moderately deep, moderately well drained, stratified, loamy soils on nearly level, tank-irrigated lands, slightly eroded; associated with;	O Coarse-loamy, mixed, Typic Ustifluvents O Fine, montmorillonitic, Vertic	(0.54)	moderately well drained, calcareous, cracking clay soils. Very deep, well drained, clayey soils of nearly level valleys, slightly eroded; associated with; very deep, poorly drained, cracking clay soils.	Ustropepts Fine, mixed, Typic ustropepts 53.87 (0.42) Fine, montmorillonitic, Vertic	257	Very deep, imperfectly drained, calcareous, O cracking clay soils on nearly level, tank-irrigated lands, slightly eroded; associated with; very deep, imperfectly drained, clayey soils.	Fine, montmorillonitic, Vertic Ustropepts Fine, mixed, Typic Ustropepts	(0.93)	Non arable land with gullies	O Gullied land	16.62 (0.13)
204	very deep, imperfectly drained, cracking clay soils. Very deep, imperfectly drained, calcareous, clayey soils of nearly level valleys very slightly eroded; associated with; deep, moderately well drained stratified learny soils with slight erosion.	O Fine, mixed, Typic Tropaquepts	29.35 (0.23)		Distropepts Fine, mixed, Typic Ustropepts 124.01 (0.95)	258	Very deep, moderately well drained, calcareous, O cracking clay soils on nearly level lowlands, slightly eroded; associated with; deep, moderately well drained, clayey soils Very deep, moderately well drained, calcareous, O	Ustropepts Fine, mixed, Typic Ustropepts	(1.22)	Bare rocks	O Rock land	14.32 (0.11)
205	Very deep, imperfectly drained, clayey soils on nearly level lands, slightly eroded; associated with; deep, imperfectly drained, clayey soils.	O Fine, mixed, Aeric Tropaquepts	7.62	Very deep, imperfectly drained, clayey soils on nearly level lands, slightly eroded; associated with; very deep, imperfectly drained, calcareous, cracking clay soils.	Fine, mixed, Typic Ustropepts 4.64 (0.04)	259	cracking clay soils on nearly level lowlands, slightly eroded; associated with; very deep, moderately well drained, calcareous clayey soils.	Ustropepts	(0.73)			