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CALIFORNIA TECHNICAL GUIDE
450-VI
TECHNICAL GUIDE NOTICE NO.91

SUBJECT: TECHNICAL GUIDE SECTION II – Revised HEL (Highly Erodible Land) List, Tulare County, Western Part, California

Purpose: To transmit the HEL list for Tulare County, Western Part, California (CA659).

Effective Date: Effective upon receipt.

Background: This revised list is the official Highly Erodible Land (HEL) list for Tulare County, Western Part, California (CA659). This list is used to support the conservation provisions of the 1985 Farm Bill known as the Food Security Act (FSA) of 1985. Separate lists were prepared for each Soil Survey Area found within the USDA Service Center service area.

The primary use of each list is for performing HEL Determinations in response to AD-1026 requests from the USDA Farm Service Agency. They are the official source of RUSLE2 (Revised Universal Soil Loss Equation) "Kf" and "T" and WEQ (Wind Erosion Equation) "I" factors used to make HEL determinations.

Filing Instructions: The HEL list is to be filed in Section II of the FOTG, and is also located in the HEL (Highly Erodible Land) lists folder under Section II - Natural Resources Information of the eFOTG (Electronic Field Office Technical Guide).

Diane B. Holcomb

DIANE HOLCOMB
State Resource Conservationist

Enclosures

DIST: electronically through section II of the Electronic Field Office Technical Guide (eFOTG)

Highly Erodible Map Unit List
Western Tulare Soil Survey (CA659)

MUSYM	COMPNAME	C PCT	WEI	C FACTOR	T	Kf	R FACTOR Mean	SLOPE MIN	SLOPE MAX	SLOPE LENGTH MIN	SLOPE LENGTH MAX	LS MIN	LS MAX	EI wind C*I/T	8t/rk R Mean	Water HEL R Mean	Wind HEL
101	Akers	60	86	40	5	0.32	10	0	2	200	800	0.08	0.374	6.88	12.50	NHEL	NHEL
101	Akers	25	86	40	5	0.32	10	0	2	200	800	0.08	0.374	6.88	12.50	NHEL	NHEL
102	Armona	85	86	40	5	0.24	5	0	1	200	800	0.08	0.24	6.88	33.33	NHEL	NHEL
103	Atesh	65	86	40	3	0.24	10	0	2	200	800	0.08	0.374	11.47	10.00	NHEL	HEL
103	Jerryslu	20	86	40	2	0.43	10	0	2	200	800	0.08	0.374	17.20	3.72	NHEL	HEL
104	Biggriz	55	86	40	5	0.37	10	0	2	200	800	0.08	0.374	6.88	10.81	NHEL	NHEL
104	Biggriz	30	86	40	5	0.37	10	0	2	200	800	0.08	0.374	6.88	10.81	NHEL	NHEL
105	Calgro	60	86	40	2	0.2	15	0	2	200	800	0.08	0.374	17.20	5.33	NHEL	HEL
105	Calgro	25	86	40	2	0.2	15	0	2	200	800	0.08	0.374	17.20	5.33	NHEL	HEL
106	Centerville	90	86	40	5	0.2	15	0	2	200	800	0.08	0.374	6.88	13.33	NHEL	NHEL
107	Centerville	90	86	40	5	0.2	15	2	5	100	600	0.2	1.306	6.88	13.33	NHEL	NHEL
108	Colpien	85	56	40	5	0.37	10	0	2	200	800	0.08	0.374	4.48	10.81	NHEL	NHEL
109	Crosscreek	70	86	40	3	0.37	15	0	2	200	800	0.08	0.374	11.47	4.32	NHEL	HEL
109	Kai	15	56	40	2	0.37	15	0	2	200	800	0.08	0.374	11.20	2.88	NHEL	HEL
110	Delhi	95	134	30	5	0.24	15	0	2	200	800	0.08	0.374	8.04	11.11	NHEL	HEL
111	Delvar	85	48	40	5	0.32	15	2	9	100	550	0.2	2.74	3.84	8.33	NHEL	NHEL
112	Dumps	100	--	0	0	0	15	0	0	0	0			----	----	----	----
113	Excelsior	85	38	40	5	0.37	15	0	1	200	800	0.08	0.24	3.04	7.21	NHEL	NHEL
114	Exeter	85	56	25	2	0.28	15	0	2	200	800	0.08	0.374	7.00	3.81	NHEL	NHEL
115	Exeter	85	56	30	2	0.32	15	2	5	100	600	0.2	1.306	8.40	3.33	NHEL	HEL
116	Flamen	85	56	40	3	0.37	15	0	2	200	800	0.08	0.374	7.47	4.32	NHEL	NHEL
117	Gambogy	85	86	40	5	0.32	10	0	1	200	800	0.08	0.24	6.88	12.50	NHEL	NHEL
118	Biggriz	35	86	40	5	0.37	10	0	2	200	800	0.08	0.374	6.88	10.81	NHEL	NHEL
118	Gambogy	50	86	40	5	0.32	10	0	2	200	800	0.08	0.374	6.88	12.50	NHEL	NHEL
119	Gareck	70	86	40	5	0.24	10	0	2	200	800	0.08	0.374	6.88	16.67	NHEL	NHEL
119	Garces	15	56	40	5	0.49	10	0	2	200	800	0.08	0.374	4.48	8.16	NHEL	NHEL
120	Gepford	85	38	40	5	0.28	5	0	1	200	800	0.08	0.24	3.04	28.57	NHEL	NHEL
121	Gepford	85	38	40	5	0.28	5	0	1	200	800	0.08	0.24	3.04	28.57	NHEL	NHEL
122	Grangeville	90	38	25	5	0.32	15	0	2	200	800	0.08	0.374	1.90	8.33	NHEL	NHEL
123	Grangeville	90	86	40	5	0.32	5	0	2	200	800	0.08	0.374	6.88	25.00	NHEL	NHEL
124	Hanford	85	86	40	5	0.32	15	0	2	200	800	0.08	0.374	6.88	8.33	NHEL	NHEL
125	Houser	85	86	40	5	0.28	5	0	1	200	800	0.08	0.24	6.88	28.57	NHEL	NHEL
126	Houser	85	86	40	5	0.37	5	0	1	200	800	0.08	0.24	6.88	21.62	NHEL	NHEL

Highly Erodible Map Unit List
Western Tulare Soil Survey (CA659)

MUSYM	COMPNAME	C PCT	WEI	C FACTOR	T	Kf	R FACTOR Mean	SLOPE MIN	SLOPE MAX	SLOPE LENGTH MIN	SLOPE LENGTH MAX	LS MIN	LS MAX	EI wind C*I/T	8t/rk R Mean	Water HEL R Mean	Wind HEL
127	Kimberlina	85	56	40	5	0.37	15	0	2	200	800	0.08	0.374	4.48	7.21	NHEL	NHEL
128	Lethent	85	48	40	2	0.43	10	0	1	200	800	0.08	0.24	9.60	3.72	NHEL	HEL
129	Nahrub	85	86	40	5	0.43	5	0	1	200	800	0.08	0.24	6.88	18.60	NHEL	NHEL
130	Nord	85	86	40	5	0.28	15	0	1	200	800	0.08	0.24	6.88	9.52	NHEL	NHEL
131	Borrow pits	100	--	0	0	0	15	0	0	0	0			----	----	----	----
132	Quonal	70	86	40	3	0.32	15	0	2	200	800	0.08	0.374	11.47	5.00	NHEL	HEL
132	Lewis	15	48	40	2	0.43	15	0	2	200	800	0.08	0.374	9.60	2.48	NHEL	HEL
133	Remnoy	85	48	40	1	0.55	15	0	2	200	800	0.08	0.374	19.20	0.97	NHEL	HEL
134	Riverwash	100	--	0	0	0	15	0	5	0	0	0	0	----	----	----	----
135	San Joaquin	85	48	25	2	0.32	15	0	2	200	800	0.08	0.374	6.00	3.33	NHEL	NHEL
136	Seville	85	86	30	2	0.2	25	0	2	200	800	0.08	0.374	12.90	3.20	NHEL	HEL
137	Tagus	85	56	40	5	0.32	15	0	2	200	800	0.08	0.374	4.48	8.33	NHEL	NHEL
138	Tujunga	85	134	25	5	0.2	15	0	2	200	800	0.08	0.374	6.70	13.33	NHEL	NHEL
139	Wasco	85	56	40	5	0.32	15	0	2	200	800	0.08	0.374	4.48	8.33	NHEL	NHEL
140	Westcamp	85	48	40	5	0.43	5	0	2	200	800	0.08	0.374	3.84	18.60	NHEL	NHEL
141	Posochanet	85	48	40	5	0.43	5	0	2	200	800	0.08	0.374	3.84	18.60	NHEL	NHEL
142	Wutchumna	55	38	40	2	0.32	15	15	50	50	300	1.658	18.21	7.60	3.33	PHEL	NHEL
142	Wutchumna	15	38	40	2	0.32	15	5	15	100	500	0.53	5.279	7.60	3.33	PHEL	NHEL
142	Rock Outcrop	15	--	0	0	0	15	0	0	0	0			----	----	----	----
143	Yettem	85	56	25	5	0.24	15	0	2	200	800	0.08	0.374	2.80	11.11	NHEL	NHEL
144	Youd	85	56	40	1	0.49	15	0	1	200	800	0.08	0.24	22.40	1.09	NHEL	HEL
145	Water	100	--	0	0	0	0	0	0	0	0			----	----	----	----