

Table 10. Average monthly effective rainfall¹ as related to mean monthly rainfall and average monthly consumptive use (adapted from Soil Conservation Service, 1967).

Monthly Mean Rainfall R , cm	Average Monthly Consumptive Use, ET , in cm										
	0.0	2.5	5.1	7.6	10.2	12.7	15.2	17.8	20.3	22.9	25.4
	Average Monthly Effective Rainfall, ET , in cm										
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	0.71	0.76	0.81	0.86	0.91	0.97	1.02	1.07	1.14	1.19	1.27
2.5	1.50	1.60	1.68	1.78	1.88	1.98	2.11	2.24	2.36	2.49	2.54
3.8	2.21	2.36	2.49	2.62	2.77	2.95	3.10	3.28	2.48	3.68	3.80
5.1	2.90	3.07	3.23	3.43	3.63	3.84	4.04	4.29	4.52	4.78	5.05
6.4	3.53	3.73	3.96	4.19	4.42	4.67	4.95	5.23	5.54	5.84	6.20
7.6		4.39	4.65	4.93	5.21	5.51	5.42	6.15	6.50	5.88	7.26
8.9		5.03	5.33	5.64	5.97	6.30	6.65	7.04	7.44	7.87	8.33
10.2		5.66	5.99	6.32	6.69	7.09	7.49	7.92	8.36	8.84	9.35
11.4			6.63	7.01	7.42	7.85	8.28	8.76	9.27	9.80	10.36
12.7			7.26	7.67	8.13	8.59	9.07	9.60	10.16	10.74	11.35
14.0			7.87	8.33	8.81	9.32	9.86	10.41	11.02	11.66	12.32
15.2	NOTE: Values below line exceed monthly consumptive use and are to be used for interpolation only			8.97	9.50	10.03	10.62	11.23	11.86	12.55	13.28
16.5				9.63	10.16	10.74	11.38	12.01	12.70	13.44	14.22
17.8				10.28	10.82	11.46	12.12	12.80	13.54	14.33	15.14
19.0					11.48	12.14	12.85	13.59	14.35	15.19	16.05
20.3					12.14	12.83	13.56	14.33	15.16	16.05	16.97

¹Calculations assume 7.6 cm net depth of application. For other net depths of application, multiply by the factors shown below.

Net Depth of Application (D)	1.9	2.5	3.8	5.1	6.4	7.6	10.2	12.7	15.2	17.8
Factor (F)	.72	.77	.86	.93	.97	1.00	1.02	1.04	1.06	1.07