

Table 2. Confidence intervals (95%) for the amount of moisture lost to evapotranspiration before 113 perennial ryegrass entries from data set 19ALP2 reach 75, 50, and 25% green cover. Entries are ranked based on their ET₅₀ values.

Rank	Selection	ET ₇₅	ET ₅₀	ET ₂₅
1.	APR2965	5.640 to 6.909	7.716 to 8.632	9.310 to 10.84
2.	APRT2835	5.810 to 6.923	7.571 to 8.353	8.937 to 10.18
3.	DoubleTimeGLSTrekAPRT2114	6.067 to 7.018	7.625 to 8.292	8.853 to 9.894
4.	APRT2301	5.985 to 6.982	7.335 to 8.021	8.364 to 9.399
5.	APR2972	5.558 to 6.522	7.310 to 7.973	8.733 to 9.753
6.	APR2616	5.546 to 6.577	7.253 to 7.960	8.612 to 9.691
7.	APR2599	5.852 to 6.690	7.232 to 7.798	8.337 to 9.179
8.	APR2609	5.894 to 6.753	7.224 to 7.803	8.270 to 9.132
9.	APR2536	5.654 to 6.674	7.166 to 7.856	8.348 to 9.384
10.	APR2535	5.482 to 6.466	7.133 to 7.799	8.455 to 9.454
11.	APR2225	5.739 to 6.649	7.148 to 7.758	8.257 to 9.162
12.	APR2198	5.264 to 6.449	7.043 to 7.848	8.428 to 9.643
13.	APRT2342	5.767 to 6.745	7.114 to 7.770	8.148 to 9.119
14.	APR2106	5.264 to 6.363	7.064 to 7.811	8.493 to 9.620
15.	NP-3	5.448 to 6.585	7.051 to 7.817	8.278 to 9.421
16.	APR2643	6.036 to 6.792	7.177 to 7.680	8.068 to 8.812
17.	APR2856	5.482 to 6.435	7.080 to 7.725	8.373 to 9.331
18.	APR3060	5.584 to 6.610	7.057 to 7.746	8.202 to 9.222
19.	APR2848	5.511 to 6.487	7.071 to 7.727	8.309 to 9.282
20.	APR2842	5.538 to 6.512	7.071 to 7.725	8.282 to 9.250
21.	JetFire(APR2659)	5.720 to 6.676	7.071 to 7.709	8.114 to 9.052
22.	Legato	5.377 to 6.335	7.043 to 7.691	8.395 to 9.355
23.	APR2436	5.719 to 6.664	7.047 to 7.674	8.067 to 8.987
24.	APR2908	5.974 to 6.730	7.099 to 7.598	7.980 to 8.710
25.	PennAPR2105	5.498 to 6.496	7.011 to 7.680	8.205 to 9.190
26.	IntegraSupreme(APR2680)	5.367 to 6.430	6.979 to 7.694	8.251 to 9.309
27.	APR2944	5.356 to 6.378	6.981 to 7.670	8.277 to 9.291
28.	PennAPR2154	5.502 to 6.443	7.007 to 7.637	8.207 to 9.130
29.	APR2282	4.929 to 6.058	6.931 to 7.701	8.551 to 9.722
30.	TransGlobal(APR2524)	5.611 to 6.537	7.008 to 7.624	8.106 to 9.004
31.	APR2612	5.242 to 6.361	6.928 to 7.682	8.251 to 9.365
32.	APR2493	5.569 to 6.545	6.977 to 7.626	8.071 to 9.016
33.	APR2846	5.690 to 6.483	7.025 to 7.551	8.104 to 8.866
34.	APR3116	5.394 to 6.534	6.905 to 7.668	8.059 to 9.174
35.	APR2971	5.566 to 6.485	6.959 to 7.569	8.055 to 8.937
36.	APR2647	5.733 to 6.684	6.945 to 7.571	7.860 to 8.765
37.	APR2351	5.211 to 6.369	6.863 to 7.642	8.146 to 9.284
38.	APR3143	5.694 to 6.675	6.923 to 7.569	7.849 to 8.782
39.	APR2847	5.531 to 6.435	6.929 to 7.528	8.036 to 8.901

40.	APR2679	5.278 to 6.321	6.874 to 7.572	8.139 to 9.157
41.	APR2186	5.264 to 6.219	6.891 to 7.532	8.214 to 9.148
42.	APR2973	5.378 to 6.293	6.903 to 7.515	8.140 to 9.025
43.	APR2977	5.305 to 6.240	6.890 to 7.517	8.181 to 9.089
44.	APR2451	5.343 to 6.251	6.899 to 7.507	8.169 to 9.049
45.	APR2865	5.264 to 6.393	6.820 to 7.574	8.023 to 9.116
46.	APR2924	4.611 to 5.877	6.735 to 7.599	8.435 to 9.745
47.	APR2703	5.876 to 6.668	6.907 to 7.417	7.691 to 8.418
48.	Legato	5.377 to 6.335	7.043 to 7.691	8.395 to 9.355
49.	APR3058	5.516 to 6.440	6.834 to 7.439	7.856 to 8.717
50.	APR2685	5.151 to 6.186	6.783 to 7.476	8.087 to 9.085
51.	Panther H2O(APR2201)	5.225 to 6.323	6.752 to 7.485	7.943 to 8.992
52.	Applaud II	5.265 to 6.320	6.749 to 7.451	7.911 to 8.911
53.	NP-2	5.337 to 6.408	6.731 to 7.439	7.801 to 8.805
54.	APR2448	5.174 to 6.140	6.761 to 7.407	8.048 to 8.972
55.	APR2283	5.214 to 6.243	6.730 to 7.413	7.921 to 8.890
56.	APR2477	5.159 to 6.195	6.727 to 7.417	7.967 to 8.949
57.	APR2845	5.142 to 6.065	6.759 to 7.377	8.088 to 8.975
58.	APR2637	5.171 to 6.280	6.694 to 7.432	7.878 to 8.928
59.	APR2939	4.899 to 6.068	6.662 to 7.449	8.056 to 9.191
60.	APR2970	5.132 to 6.047	6.748 to 7.362	8.082 to 8.959
61.	PennAPR2237	5.317 to 6.270	6.710 to 7.339	7.811 to 8.695
62.	Radiance	5.310 to 6.344	6.675 to 7.357	7.731 to 8.687
63.	APR2630	4.975 to 6.107	6.630 to 7.388	7.936 to 9.015
64.	APR2839	4.963 to 6.104	6.603 to 7.365	7.886 to 8.965
65.	APR3120	5.018 to 6.017	6.643 to 7.312	7.963 to 8.912
66.	APR2916	4.596 to 5.905	6.530 to 7.416	8.053 to 9.343
67.	APR2212	5.105 to 6.122	6.634 to 7.311	7.850 to 8.800
68.	PennAPR2190	4.961 to 5.831	6.673 to 7.259	8.116 to 8.954
69.	APR3072	4.617 to 5.751	6.575 to 7.344	8.174 to 9.297
70.	APR2613	4.906 to 5.874	6.633 to 7.285	8.064 to 8.996
71.	APR2272	5.204 to 6.158	6.637 to 7.268	7.778 to 8.656
72.	APR2257	4.699 to 6.046	6.495 to 7.402	7.878 to 9.175
73.	APR3127	4.942 to 6.024	6.570 to 7.294	7.867 to 8.886
74.	Soprano II(APR2397)	4.880 to 6.014	6.536 to 7.295	7.844 to 8.914
75.	APR2790	4.821 to 5.838	6.570 to 7.255	8.006 to 8.982
76.	APR2548	4.581 to 5.884	6.462 to 7.342	7.940 to 9.208
77.	APR2719	4.809 to 5.959	6.507 to 7.279	7.854 to 8.943
78.	Deschutes(APR2280)	4.758 to 5.957	6.487 to 7.293	7.852 to 8.992
79.	Haven(APR2038)	4.877 to 5.992	6.516 to 7.262	7.814 to 8.860
80.	APR2223	4.740 to 5.871	6.499 to 7.261	7.914 to 8.995
81.	APR2440	4.281 to 5.694	6.400 to 7.360	8.065 to 9.477
82.	Soprano	4.656 to 5.945	6.446 to 7.314	7.844 to 9.080

83.	APR2610	4.839 to 5.890	6.525 to 7.231	7.894 to 8.889
84.	APR2639	4.723 to 5.904	6.460 to 7.255	7.841 to 8.963
85.	APR2626	4.524 to 5.714	6.450 to 7.255	8.006 to 9.165
86.	Palmer Elite (APR2445)	4.914 to 5.933	6.509 to 7.190	7.795 to 8.744
87.	APR2104	4.861 to 5.918	6.483 to 7.192	7.790 to 8.780
88.	Penguin	4.608 to 5.809	6.428 to 7.239	7.884 to 9.035
89.	APR3111	4.504 to 5.764	6.404 to 7.256	7.915 to 9.135
90.	APR2450	4.513 to 5.637	6.426 to 7.187	7.992 to 9.083
91.	APR2662	4.527 to 5.737	6.352 to 7.170	7.813 to 8.968
92.	APR2462	4.348 to 5.463	6.366 to 7.123	8.037 to 9.130
93.	APR3132	4.249 to 5.601	6.278 to 7.196	7.889 to 9.209
94.	APR3059	4.878 to 5.867	6.403 to 7.064	7.638 to 8.542
95.	APR2205	4.572 to 5.700	6.351 to 7.113	7.793 to 8.861
96.	APR2617	4.777 to 5.743	6.405 to 7.054	7.749 to 8.648
97.	APR2463	4.355 to 5.587	6.302 to 7.138	7.873 to 9.064
98.	APR3119	4.497 to 5.645	6.303 to 7.079	7.766 to 8.854
99.	APR2478	4.780 to 5.801	6.330 to 7.014	7.582 to 8.515
100.	APR2946	4.666 to 5.779	6.298 to 7.047	7.609 to 8.638
101.	Soprano	4.656 to 5.945	6.446 to 7.314	7.844 to 9.080
102.	APR3136	3.926 to 5.412	6.128 to 7.138	7.864 to 9.331
103.	APR2853	4.691 to 5.634	6.307 to 6.943	7.649 to 8.520
104.	APR2263	4.399 to 5.445	6.262 to 6.972	7.813 to 8.811
105.	APR2115	4.459 to 5.700	6.183 to 7.022	7.548 to 8.703
106.	APR2753	4.313 to 5.602	6.124 to 6.999	7.558 to 8.770
107.	APR3142	4.430 to 5.528	6.151 to 6.895	7.556 to 8.577
108.	APR2629	3.874 to 5.241	5.947 to 6.879	7.611 to 8.927
109.	APR2649	3.740 to 5.075	5.893 to 6.803	7.642 to 8.935
110.	Pop	4.020 to 5.127	5.880 to 6.639	7.425 to 8.465
111.	PennAPR2116	3.941 to 5.181	5.821 to 6.671	7.349 to 8.514
112.	APR2628	3.719 to 4.753	5.646 to 6.359	7.280 to 8.257
113.	KSA	1.829 to 3.357	4.715 to 5.679	7.101 to 8.501

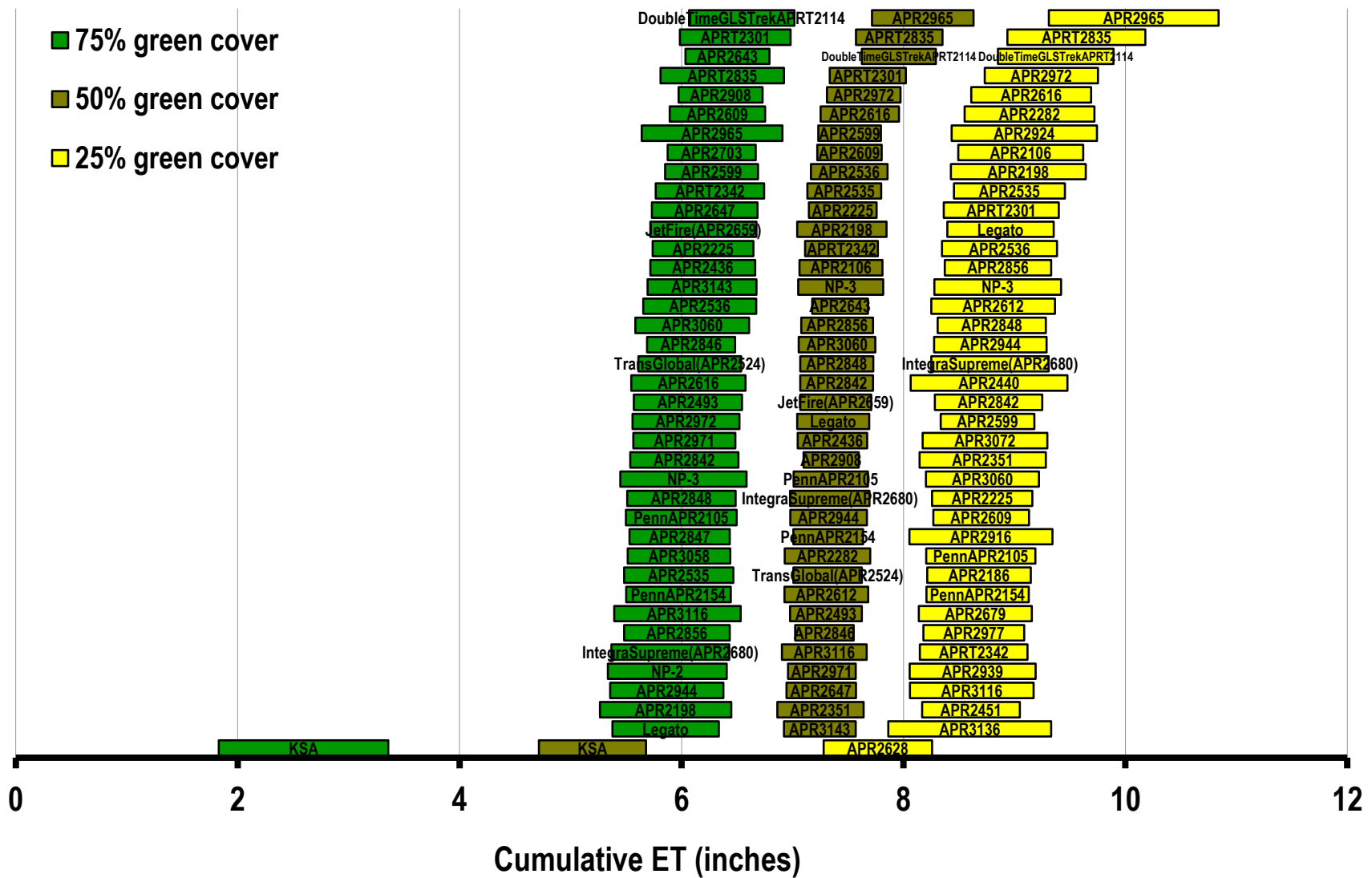


Figure 4. Confidence intervals (95%) for the moisture lost to evapotranspiration before the top-performing (top third) of 113 perennial ryegrass entries from data set 19ALP2 reach 75, 50, and 25% green cover. Both the top and bottom performing entries are included for reference.

