

Table S3 Data of F₂-3 population

Number	Average FL (mm)	Number	Average FL (mm)	Number	Average FL (mm)
1	324.3	58	288.2	114	111.7
2	239.8	59	232.2	115	285.4
3	208.1	60	354.7	116	233.1
4	282.1	61	250.8	117	224.4
5	226.9	62	209.8	118	309.9
6	176.1	63	188.3	119	143.3
7	251.2	64	155.7	120	234.8
8	186.9	65	346.7	121	159.3
9	259.9	66	219.7	122	243.1
10	196.3	67	266.7	123	292.8
11	222.8	68	194.6	124	261.4
12	209	69	199.4	125	281.6
13	213.95	70	249.8	126	234.6
14	224.6	71	211.2	127	220.4
15	207.1	72	299.8	128	253.8
16	208.3	73	246.6	129	192.5
17	306.4	74	172.2	130	202
18	168.8	75	276.3	131	165.4
19	200.6	76	265.4	132	300.9
20	206.4	77	136.7	133	174.6
21	216.6	78	150.3	134	274.4
22	206.5	79	272.1	135	167.9
23	215.9	80	266.4	136	186.8
24	163.6	81	267.9	137	276.6
25	214.2	82	314.3	138	199.6
26	262.2	83	146.8	139	202.6
27	267	84	279.3	140	163.5
28	149.3	85	215.8	141	169.6
29	201.2	86	216.9	142	274.4
30	190.2	87	264.8	143	178.2
31	250.1	88	273.1	144	229.5
32	291.7	89	247.9	145	179.2
33	101.3	90	208	146	219.4
34	194.8	91	225.1	147	165.7
35	119.3	92	172.7	148	240
36	350.9	93	175.7	149	121
37	178.3	94	141.6	150	136.6
38	198.8	95	161.6	151	160.2
39	126.3	96	220.3	152	214.3
40	195.5	97	294.3	153	263.7
41	304.5	98	203	154	237.6
42	225.3	99	214.9	155	275.3
43	327.4	100	189.7	156	178
44	224.3	101	205	157	302.8
46	209.5	102	338.9	158	170.6
47	222.4	103	250.7	159	273.2
48	163	104	291	160	203.7
49	230.2	105	164	161	152.5
50	187.6	106	209.9	162	244.2
51	168.2	107	346.8	163	263
52	251.4	108	295.9	164	245.8

Continued

Number	Average FL (mm)	Number	Average FL (mm)	Number	Average FL (mm)
165	240	217	274.4	269	269.1
166	128.2	218	200.6	270	217.7
167	160.2	219	151.5	271	294.3
168	219	220	185.7	272	223.4
169	217.5	221	256.1	273	267.2
170	240.7	222	261.3	274	219.5
171	254.1	223	190.9	275	174.1
172	164.7	224	163.8	276	293.7
173	351.2	225	157.1	277	204.3
174	205.1	226	165.6	278	309.7
175	210.3	227	194.9	279	169
176	150.1	228	284.9	280	146
177	200.7	229	222.5	281	196.3
178	335.9	230	92.7	282	248.1
179	219.9	231	243.1	283	338.4
180	221.4	232	249.3	284	239.6
181	189.7	233	144.3	285	193
182	132.7	234	145	286	254.1
183	239.5	235	243.3	287	264.5
184	184.4	236	292.8	288	265.9
185	219	237	218.1	289	218.4
186	178.2	238	236.5	290	231.6
187	206.6	239	212.2	291	237.7
188	224.9	240	220.8	292	241.7
189	246.4	241	152.4	293	247.3
190	254.8	243	242.4	294	224.7
191	279.4	244	202.5	295	193.8
192	228.7	245	276.5	296	190.8
193	221.6	246	268.9	297	173.2
194	185.2	247	207.2	298	202.7
195	240.8	248	206.2	299	181
196	232	249	259	300	190.2
197	309	250	188.1	301	189.3
198	258.1	251	244.7	302	243.7
199	190.5	252	182.2	303	202.6
200	169.2	253	245.9	304	185.8
201	180.2	254	273.8	305	209.5
202	181.7	255	246.7	306	213.6
203	254.7	256	167.3	307	257.5
204	252.2	257	214.3	308	203.1
205	269.8	258	248	309	193.1
206	217.2	259	219.5	310	284.5
207	250	260	193.4	311	314.1
208	111.8	261	256.5	312	271.4
209	222	262	219.3	313	308.8
210	167.9	263	100.2	314	231.5
211	202.8	264	264.1	315	219.1
212	172.4	265	228.4	316	227.6
214	232.5	266	240.3	317	184.8
215	167.2	267	206.1	318	179.6
216	61.4	268	219.3	319	351.7

Continued

Number	Average FL (mm)	Number	Average FL (mm)	Number	Average FL (mm)
320	252.8	373	222.1	426	323.5
321	139.9	374	133.1	427	184.2
322	296.4	375	232.8	428	278.6
323	183.7	376	168.1	429	214.6
324	175.5	377	171.9	430	246.8
325	207.6	378	195.5	431	298.2
327	323.3	379	248.7	432	259.1
329	195.4	380	188.6	433	256.5
330	243.6	381	166.1	434	306.6
331	265.1	382	175.6	435	307.8
332	238.2	384	172.2	436	219.9
333	350.3	385	184	437	336.6
334	258.2	386	208.7	439	303.9
335	181.4	388	135.55	440	197.4
336	207	389	192	441	194.6
337	256.2	390	181.8	442	307.2
338	279	391	192.5	443	229.4
339	229.3	392	195.6	444	178
340	200.5	393	257.1	445	218.9
341	177.2	394	182.5	446	245.8
342	185.9	395	189.9	447	250.8
343	282.1	396	254.7	448	297.9
344	200.7	397	183.1	449	315.6
345	204.3	398	257.1	450	191
346	233	399	203	451	216
347	238.2	400	343	452	238.9
348	233.1	401	281	453	141.8
349	180.5	402	177.4	454	132.2
350	184.5	403	199.6	455	268.3
351	364.3	404	179.1	456	302.7
352	177.3	405	244.1	457	186.4
353	207.4	406	182.6	458	229.8
354	298.5	407	329.2	459	224.8
355	297	408	331.2	460	217.5
356	297.6	409	172.4	461	174.3
357	209.7	410	341.9	462	181.1
358	274.5	411	230.9	463	229.7
359	200.4	412	212.5	464	271.8
360	269.7	413	251.7	465	167
361	310.4	414	246.6	466	201.2
362	225.6	415	234.9	467	211.4
363	258.9	416	222.4	468	199
364	277.1	417	205.5	469	238.2
365	147.6	418	196.2	470	162.7
366	290.6	419	268.3	471	198.6
367	116	420	173.7	472	191.9
368	160.4	421	206.6	473	200.6
369	242.5	422	178.4	474	185.6
370	214.8	423	232.6	475	388.6
371	262.4	424	245.2	476	237.1
372	201.4	425	231	477	285.6

Continued

Number	Average FL (mm)	Number	Average FL (mm)	Number	Average FL (mm)
478	359.4	529	214.6	580	200.5
479	214.5	530	215.3	581	159.7
480	255.8	531	205.8	582	194.8
481	248	532	140.9	583	208.2
482	278.9	533	177.3	584	233.5
483	263.7	534	232	585	171.4
484	229.1	535	174.1	586	300
485	148.6	536	241.4	587	145.4
486	239.7	537	194	588	235.8
487	217.3	538	194.6	589	389
488	203	539	216.1	590	138.1
489	290.4	540	214.7	591	147
490	272.9	541	240.3	592	169.7
491	286	542	204.6	593	131.1
492	253.4	543	203.9	594	333.3
493	311.6	544	241.1	595	249.2
494	186.8	545	204.5	596	337
495	199.2	546	236.6	597	258.4
496	209.9	547	203.2	598	288.3
497	314.1	548	257.6	599	272.8
498	300.4	549	297	600	163.3
499	187.7	550	316.7	601	200.9
500	169.5	551	284.8	602	259
501	224.4	552	89.2	603	265.7
502	284.4	553	117	604	320.2
503	226.6	554	265.5	605	344.1
504	381.1	555	236.7	606	307.65
505	186.8	556	225.7	607	140.2
506	175.8	557	318.5	608	236.4
507	188.6	558	204.6	609	368.5
508	243.2	559	160.1	610	157.7
509	290.1	560	144.6	611	333.9
510	207.2	561	130.4	612	181.4
511	217.7	562	146.7	613	185.9
512	138.4	563	344.7	614	195.5
513	260.6	564	273.1	615	243.1
514	239	565	284.6	616	234.3
515	315.7	566	153.8	617	350
516	316.9	567	110.6	618	128.1
517	241.8	568	170.9	619	212.1
518	204.7	569	198.7	620	170.6
519	176.8	570	180.4	621	158.8
520	268.7	571	165.5	622	295.5
521	211.8	572	202.8	623	261.1
522	228.9	573	135.6	624	170
523	226.7	574	254	625	140.6
524	181.1	575	154.3	626	291
525	140.6	576	255.3	627	225.8
526	258.9	577	252.4	628	145.9
527	211.3	578	136	629	331.6
528	248.2	579	312.9	630	180.6

Continued

Number	Average FL (mm)	Number	Average FL (mm)	Number	Average FL (mm)
631	193.1	682	271.2	733	137.5
632	180.8	683	119.2	734	133.2
633	258.9	684	388.5	735	224.8
634	219.1	685	145.7	736	282.3
635	192.1	686	218	737	321.5
636	201.2	687	144.5	738	137.2
637	189.5	688	278.7	739	221.9
638	225.8	689	166.5	740	172.4
639	167.5	690	173.4	741	254.4
640	199	691	195.1	742	157.5
641	226.1	692	193.2	743	141.1
642	140.4	693	274.2	744	168.5
643	221.3	694	324.1	745	183.7
644	164.1	695	377	746	131
645	163.2	696	188.3	747	160.8
646	286.9	697	266.3	748	264.6
647	289.1	698	220.9	749	334.4
648	152.7	699	236.3	750	211.3
649	124.6	700	229.3	751	318.2
650	119.6	701	221.9	752	202.6
651	188.5	702	147.7	753	283.1
652	245.6	703	277.7	754	356.2
653	309.6	704	146.2	755	162.5
654	331.6	705	207.8	756	228
655	134.1	706	131.1	757	158.1
656	106.8	707	135.4	758	288.1
657	232.2	708	270.2	759	164.2
658	176.9	709	197.2	760	159.9
659	292.6	710	265.6	761	145.4
660	213.8	711	224.5	762	247.5
661	315.6	712	123.4	763	265.9
662	160.7	713	142.2	764	214.7
663	150.6	714	158.5	765	319
664	201.1	715	321.1	766	200.9
665	194.8	716	276.3	767	128.8
666	118	717	453	768	165.3
667	164.6	718	236.5	769	192.9
668	174.5	719	250.4	770	129.5
669	186.5	720	108.7	771	337.3
670	185.5	721	149.7	772	250
671	210.3	722	148.7	773	273.3
672	276.8	723	199.2	774	259
673	124.8	724	312.2	775	249.8
674	277.3	725	147.1	776	296.7
675	106.7	726	139	777	238.1
676	142.9	727	222.8	778	279.6
677	246.2	728	192.4	779	195.5
678	288.7	729	219.2	780	147.2
679	192.4	730	257.2	781	293.8
680	252.2	731	94.9	782	196.2
681	165.9	732	109.6	783	216.4

Continued

Number	Average FL (mm)	Number	Average FL (mm)	Number	Average FL (mm)
784	175.6	835	183.9	886	174.9
785	272.6	836	247.4	887	170.3
786	262.7	837	171.6	888	162.1
787	201.5	838	253.5	889	202.5
788	213.2	839	222.6	890	164.4
789	176	840	394.9	891	305.6
790	198.1	841	146.2	892	232.1
791	265	842	339.3	893	124.6
792	331.6	843	343.5	894	252.7
793	105.9	844	283.9	895	120.1
794	215.4	845	305.1	896	270.6
795	193	846	175.5	897	162.5
796	289	847	149.5	898	217.2
797	328.7	848	166.3	899	167.4
798	124.9	849	110.7	900	216.4
799	240.9	850	155.1	901	334.4
800	105.5	851	145.1	902	181
801	341.1	852	116	903	134.2
802	129.8	853	137.4	904	115.8
803	281.9	854	136.6	905	202.2
804	225.1	855	310.4	906	92.6
805	115.6	856	191.7	907	209.4
806	205.1	857	149.9	908	133.9
807	220.1	858	168.4	909	239.4
808	220.6	859	114.7	910	127.9
809	228.4	860	248	911	165.8
810	315.9	861	216.3	912	129
811	228.2	862	132.8	913	191.1
812	183.4	863	212.4	914	218.3
813	164.2	864	242.1	915	165
814	146.5	865	326.2	916	219.2
815	186.6	866	80.8	917	120.4
816	87.4	867	166	918	138.65
817	137.1	868	219	919	85.4
818	145.3	869	346.6	920	164.5
819	140.4	870	165.7	921	196.7
820	295.1	871	221.2	922	154.6
821	199.1	872	153.4	923	123.8
822	140.3	873	286.9	924	149.7
823	184.4	874	271.3	925	150.7
824	272.3	875	247.4	926	212
825	242.9	876	204.9	927	117.8
826	198.1	877	149.1	928	184.3
827	225.3	878	215.8	929	254.8
828	277.1	879	135.4	930	176.9
829	312.1	880	306.8	931	240.5
830	308.8	881	331.8	932	169.8
831	218.6	882	216.5	933	201.5
832	165.7	883	150.1	934	123.9
833	214.5	884	160.7	935	130
834	152.6	885	145	937	189.2

Continued

Number	Average FL (mm)
938	294.6
939	157.9
940	240.8
941	228.4
942	282.4
943	333.4
944	188
945	227.7
946	243.6
947	302.8
948	142.4
949	234.9
950	140
951	108.3
953	226.1
954	154.8
955	268.9
956	217.8
957	189.3
958	211.1
959	192.9
960	230.6
961	189.4
962	212
963	226.9
964	189
965	143.7
966	151
967	135.2
968	269.1
969	205.9
970	283.1
971	112.5
972	109.9
973	182.9
974	156.9
975	198.3
976	168.6
977	142.8
978	155.5