

Supplementary Tables

Table 1. Impact of various planting dates on the number of siliqua per plant, siliqua length (cm), seeds per siliqua, test weight (g) and yield per plant (g) of mustard.

Siliqua Count													
		2019-20							2021-22				
		OS	ES	% change	LS	% change			OS	ES	% change	LS	% change
1	IC 261687	1010.0	968.7	-4.09	105.0	-89.60	1	IC 261687	827.7	889.7	7.49	145.3	-82.44
2	IC 267695	1076.0	1091.7	1.46	359.0	-66.64	2	IC 267695	1028.0	1117.0	8.66	386.0	-62.45
3	IC 267699	1144.3	961.3	-15.99	172.3	-84.94	3	IC 267699	1235.7	1144.7	-7.36	117.7	-90.48
4	IC 267705	1034.0	1074.0	3.87	394.0	-61.90	4	IC 267705	1051.3	1041.7	-0.92	335.0	-68.14
5	IC 280907	1196.7	1229.3	2.73	198.3	-83.43	5	IC 280907	1216.3	1152.0	-5.29	193.3	-84.11
6	IC 280920	1106.3	1133.3	2.44	153.0	-86.17	6	IC 280920	1050.0	1026.3	-2.25	116.0	-88.95
7	IC 296688	1396.0	1415.3	1.38	104.0	-92.55	7	IC 296688	1309.7	1322.3	0.97	329.3	-74.85
8	IC 296702	1298.7	1358.0	4.57	130.3	-89.96	8	IC 296702	1156.0	1173.7	1.53	133.7	-88.44
9	IC 296703	1456.0	1466.7	0.73	312.7	-78.53	9	IC 296703	1386.0	1296.0	-6.49	206.7	-85.09
10	IC 296732	1096.3	1157.7	5.59	401.3	-63.39	10	IC 296732	1141.0	1337.7	17.24	377.0	-66.96
11	IC 305130	1454.0	1473.7	1.35	164.3	-88.70	11	IC 305130	1278.3	1367.0	6.94	255.3	-80.03
12	IC 347855	1141.7	1238.7	8.50	120.7	-89.43	12	IC 347855	950.7	932.3	-1.93	123.0	-87.06
13	IC 353575	831.3	1149.3	38.25	135.7	-83.68	13	IC 353575	1155.3	1181.0	2.22	134.3	-88.37
14	IC 362912	758.7	435.3	-42.62	179.3	-76.36	14	IC 362912	632.0	592.0	-6.33	187.0	-70.41
15	IC 385783	1340.7	1256.7	-6.27	220.3	-83.57	15	IC 385783	1173.7	1144.3	-2.50	100.7	-91.42
16	IC 401575	1175.3	1329.3	13.10	388.3	-66.96	16	IC 401575	1044.7	1277.3	22.27	300.3	-71.25
17	IC 426385	1496.0	1456.0	-2.67	283.3	-81.06	17	IC 426385	1412.3	1349.3	-4.46	271.0	-80.81
18	IC 426388	1145.0	997.3	-12.90	122.3	-89.32	18	IC 426388	1086.7	1090.7	0.37	117.7	-89.17
19	IC 426400	1143.0	1084.7	-5.10	171.7	-84.98	19	IC 426400	1154.0	1125.0	-2.51	83.7	-92.75
20	IC 426403	1115.3	1150.0	3.11	368.7	-66.95	20	IC 426403	873.7	983.0	12.51	343.7	-60.66

21	IC 447833	778.3	865.7	11.22	49.7	-93.62	21	IC 447833	1023.0	1107.3	8.24	141.0	-86.22
22	IC 491044	1144.3	1130.0	-1.25	122.0	-89.34	22	IC 491044	667.3	1023.0	53.30	119.3	-82.12
23	IC 491128	1352.7	1220.7	-9.76	132.0	-90.24	23	IC 491128	1453.7	1287.0	-11.47	211.3	-85.46
24	IC 491161	1228.7	1249.3	1.68	306.0	-75.09	24	IC 491161	875.3	1006.0	14.93	353.0	-59.67
25	IC 491263	922.7	956.7	3.68	111.3	-87.93	25	IC 491263	721.0	1002.7	39.07	113.3	-84.28
26	IC 491415	1096.7	1111.3	1.34	98.3	-91.03	26	IC 491415	1018.0	962.3	-5.47	127.7	-87.46
27	IC 491429	1266.0	1405.3	11.01	398.7	-68.51	27	IC 491429	1133.3	1180.0	4.12	320.7	-71.71
28	IC 491509	1178.3	1158.3	-1.70	139.0	-88.20	28	IC 491509	924.0	866.7	-6.20	108.0	-88.31
29	IC 570279	1108.7	1418.0	27.90	104.3	-90.59	29	IC 570279	542.3	622.7	14.81	152.3	-71.91
30	IC 570301	973.3	1248.0	28.22	36.7	-96.23	30	IC 570301	726.0	1012.0	39.39	159.7	-78.01
31	IC 571686	960.0	1190.3	23.99	39.3	-95.90	31	IC 571686	1122.7	1207.7	7.57	119.0	-89.40
32	IC 589669	1197.3	1203.0	0.47	371.0	-69.01	32	IC 589669	1050.0	1272.7	21.21	372.7	-64.51

Siliqua Length (cm)													
		2019-20							2021-22				
		OS	ES	% change	LS	% change			OS	ES	% change	LS	% change
1	IC 261687	4.7	4.4	-7.73	4.2	-11.26	1	IC 261687	4.6	4.4	-5.74	4.0	-13.66
2	IC 267695	4.3	4.6	7.74	4.4	1.56	2	IC 267695	4.7	4.9	4.26	5.0	6.38
3	IC 267699	4.0	4.1	2.48	3.8	-6.60	3	IC 267699	4.5	4.6	1.49	4.2	-7.40
4	IC 267705	4.2	4.3	1.60	4.7	12.69	4	IC 267705	4.1	4.2	2.44	4.4	7.32
5	IC 280907	4.5	4.8	6.72	3.6	-19.41	5	IC 280907	4.4	4.4	-0.75	4.5	2.27
6	IC 280920	4.0	4.5	11.58	4.6	13.24	6	IC 280920	4.4	4.2	-5.26	4.0	-9.02
7	IC 296688	4.9	5.0	1.37	4.3	-11.57	7	IC 296688	4.2	4.5	7.93	4.3	2.38
8	IC 296702	4.1	4.6	13.11	4.9	19.67	8	IC 296702	4.7	4.6	-1.43	4.4	-5.68
9	IC 296703	4.4	4.4	0.76	4.0	-7.65	9	IC 296703	4.7	4.7	0.00	4.4	-6.43
10	IC 296732	4.3	4.4	1.56	4.6	6.98	10	IC 296732	4.5	4.6	2.22	4.8	5.93
11	IC 305130	4.2	4.1	-1.61	4.3	3.98	11	IC 305130	4.4	4.5	1.52	4.7	6.82
12	IC 347855	4.3	4.4	2.34	4.8	13.26	12	IC 347855	4.7	4.5	-4.92	4.0	-15.49
13	IC 353575	4.7	4.5	-4.92	4.4	-7.04	13	IC 353575	5.1	4.9	-3.30	4.8	-5.27
14	IC 362912	4.3	4.1	-4.62	4.0	-7.69	14	IC 362912	4.2	4.7	12.00	4.6	11.18

15	IC 385783	4.2	4.5	7.99	4.3	2.40	15	IC 385783	4.4	4.4	0.75	4.3	-1.52
16	IC 401575	4.2	4.7	12.00	4.5	7.20	16	IC 401575	4.8	5.2	8.39	4.9	2.79
17	IC 426385	4.7	4.5	-5.62	4.3	-9.85	17	IC 426385	4.7	4.6	-1.43	4.1	-12.06
18	IC 426388	3.9	4.3	9.41	4.4	12.82	18	IC 426388	4.2	4.7	12.79	4.4	5.59
19	IC 426400	4.7	4.5	-4.96	4.4	-5.68	19	IC 426400	4.7	4.3	-8.45	5.0	6.34
20	IC 426403	4.5	4.6	2.21	4.7	2.96	20	IC 426403	4.7	4.5	-4.29	4.8	3.56
21	IC 447833	4.5	4.7	3.68	4.2	-6.62	21	IC 447833	4.9	4.3	-12.33	4.2	-14.38
22	IC 491044	5.2	4.6	-10.33	4.5	-12.91	22	IC 491044	4.5	5.1	13.24	4.1	-8.82
23	IC 491128	4.8	4.8	0.69	4.4	-8.33	23	IC 491128	5.3	4.5	-16.24	5.0	-6.86
24	IC 491161	4.4	4.8	8.28	4.7	6.77	24	IC 491161	4.4	4.8	10.67	4.3	-2.29
25	IC 491263	4.4	4.5	2.27	4.3	-3.02	25	IC 491263	4.8	4.2	-12.41	4.9	1.39
26	IC 491415	4.1	4.4	8.12	4.9	19.51	26	IC 491415	5.0	4.6	-7.95	4.5	-9.93
27	IC 491429	4.1	4.4	8.19	4.2	4.08	27	IC 491429	4.8	4.8	1.38	5.0	4.20
28	IC 491509	4.2	4.0	-3.22	4.8	15.98	28	IC 491509	5.7	4.4	-23.83	5.2	-9.30
29	IC 570279	4.2	4.6	9.52	4.5	6.36	29	IC 570279	4.8	5.0	3.48	4.9	1.40
30	IC 570301	3.9	4.2	5.95	4.4	11.03	30	IC 570301	4.8	4.9	2.77	5.0	4.17
31	IC 571686	5.0	4.2	-17.21	4.5	-11.25	31	IC 571686	4.8	4.7	-1.40	4.6	-3.48
32	IC 589669	4.0	4.3	9.23	4.5	12.60	32	IC 589669	4.1	4.8	16.94	4.4	6.46

Seeds per Siliqua

		2019-20					2021-22						
		OS	ES	% change	LS	% change			OS	ES	% change	LS	% change
1	IC 261687	13.0	13.3	2.56	13.7	5.13	1	IC 261687	14.3	14.2	-0.70	13.5	-5.83
2	IC 267695	13.3	14.0	5.00	15.0	12.50	2	IC 267695	12.5	14.0	11.70	13.1	4.26
3	IC 267699	18.0	16.7	-7.41	17.7	-1.85	3	IC 267699	13.0	13.1	0.77	12.2	-6.15
4	IC 267705	12.7	13.3	5.26	13.7	7.89	4	IC 267705	12.5	14.8	17.82	14.1	12.77
5	IC 280907	14.0	14.7	4.76	13.0	-7.14	5	IC 280907	13.3	13.4	0.75	13.3	-0.25
6	IC 280920	18.7	14.3	-23.21	14.0	-25.00	6	IC 280920	14.6	13.6	-6.85	12.9	-11.87
7	IC 296688	13.3	15.0	12.50	13.0	-2.50	7	IC 296688	13.4	14.0	4.99	12.9	-3.74
8	IC 296702	12.7	14.7	15.79	17.3	36.58	8	IC 296702	13.2	14.3	8.59	12.8	-3.03
9	IC 296703	14.7	13.0	-11.36	13.3	-9.09	9	IC 296703	14.2	14.4	1.41	13.0	-8.45

10	IC 296732	13.0	14.0	7.69	14.0	7.69	10	IC 296732	12.9	14.3	11.14	13.3	3.63
11	IC 305130	13.7	14.3	4.88	13.3	-2.44	11	IC 305130	12.2	13.5	10.38	12.4	1.91
12	IC 347855	13.3	14.3	7.50	10.7	-20.00	12	IC 347855	13.4	14.2	6.48	13.1	-2.24
13	IC 353575	18.0	18.3	1.85	13.3	-25.93	13	IC 353575	13.2	14.7	11.11	12.4	-6.06
14	IC 362912	14.7	16.0	9.09	14.0	-4.55	14	IC 362912	12.1	15.0	23.90	13.9	14.29
15	IC 385783	15.7	14.7	-6.38	13.0	-17.02	15	IC 385783	13.3	15.1	13.00	12.3	-8.00
16	IC 401575	12.7	13.7	7.89	16.3	28.95	16	IC 401575	12.8	14.0	9.37	13.2	3.12
17	IC 426385	16.0	17.7	10.42	15.0	-6.25	17	IC 426385	12.9	13.4	3.88	11.1	-14.21
18	IC 426388	14.7	11.0	-25.00	13.7	-6.82	18	IC 426388	15.6	14.6	-6.41	11.8	-24.36
19	IC 426400	14.3	15.0	4.65	14.0	-2.33	19	IC 426400	15.2	14.7	-3.07	10.8	-28.95
20	IC 426403	13.0	12.0	-7.69	15.0	15.38	20	IC 426403	14.5	14.9	2.29	12.6	-13.30
21	IC 447833	20.0	19.3	-3.33	13.7	-31.67	21	IC 447833	14.4	15.1	5.09	13.2	-8.33
22	IC 491044	14.7	11.3	-22.73	15.3	4.32	22	IC 491044	13.7	15.3	11.17	13.5	-1.94
23	IC 491128	12.7	17.7	39.47	13.7	7.89	23	IC 491128	14.0	15.4	10.24	13.3	-4.76
24	IC 491161	14.0	14.7	4.76	14.7	4.76	24	IC 491161	12.9	13.2	2.59	13.7	6.48
25	IC 491263	17.7	19.0	7.34	14.7	-17.14	25	IC 491263	15.2	12.4	-18.20	10.8	-28.95
26	IC 491415	18.7	14.0	-25.00	13.3	-28.57	26	IC 491415	13.9	15.1	9.13	13.2	-4.81
27	IC 491429	13.0	15.3	17.95	14.0	7.69	27	IC 491429	13.4	14.5	7.96	13.7	2.49
28	IC 491509	13.7	11.3	-17.07	13.3	-2.44	28	IC 491509	16.3	15.2	-6.94	12.9	-21.22
29	IC 570279	16.7	13.7	-18.00	12.9	-22.40	29	IC 570279	14.4	14.3	-0.93	11.7	-18.52
30	IC 570301	17.7	18.0	1.89	15.6	-11.70	30	IC 570301	14.3	15.2	6.54	12.1	-14.95
31	IC 571686	19.0	16.7	-12.28	15.9	-16.49	31	IC 571686	15.3	14.7	-4.35	11.3	-26.09
32	IC 589669	13.3	14.3	7.50	14.1	5.50	32	IC 589669	12.9	14.4	11.34	13.6	5.15

Test weight (g)													
		2019-20							2021-22				
		OS	ES	% change	LS	% change			OS	ES	% change	LS	% change
1	IC 261687	4.1	4.0	-2.1	3.1	-24.3	1	IC 261687	4.8	4.7	-1.4	4.4	-7.7
2	IC 267695	3.6	4.2	15.3	3.7	1.9	2	IC 267695	3.9	4.1	4.3	4.0	3.4

3	IC 267699	3.8	3.4	-11.0	3.5	-7.5	3	IC 267699	3.9	4.3	10.3	3.6	-8.5
4	IC 267705	4.0	4.4	10.9	4.1	2.5	4	IC 267705	2.3	2.8	25.0	2.5	8.8
5	IC 280907	5.2	3.8	-25.8	3.4	-34.4	5	IC 280907	3.2	3.5	9.3	3.1	-3.1
6	IC 280920	2.7	2.4	-11.1	2.3	-16.0	6	IC 280920	2.2	2.1	-7.4	2.2	-3.0
7	IC 296688	3.6	3.4	-4.7	3.2	-9.3	7	IC 296688	4.8	5.0	3.5	3.9	-20.0
8	IC 296702	4.1	3.3	-19.7	3.9	-4.1	8	IC 296702	4.5	4.7	3.0	4.3	-4.4
9	IC 296703	2.4	2.3	-2.8	2.1	-9.9	9	IC 296703	2.3	2.1	-8.6	2.1	-11.4
10	IC 296732	3.5	3.8	8.3	3.6	2.9	10	IC 296732	3.1	3.2	4.3	4.1	33.7
11	IC 305130	2.5	2.8	10.7	2.3	-6.7	11	IC 305130	2.6	2.8	7.7	2.5	-5.1
12	IC 347855	3.5	3.3	-3.8	3.4	-3.4	12	IC 347855	3.2	3.3	2.1	3.1	-3.1
13	IC 353575	4.2	4.1	-1.2	2.8	-33.7	13	IC 353575	3.2	3.1	-5.1	3.1	-4.1
14	IC 362912	3.0	2.2	-25.6	2.9	-3.0	14	IC 362912	4.2	3.7	-12.0	1.5	-63.2
15	IC 385783	5.4	5.1	-5.6	3.3	-37.6	15	IC 385783	5.9	5.1	-14.6	3.3	-44.4
16	IC 401575	3.9	4.3	8.1	4.1	4.4	16	IC 401575	4.1	4.3	3.2	4.2	1.6
17	IC 426385	2.8	2.4	-14.5	2.6	-5.8	17	IC 426385	2.6	2.4	-7.8	2.2	-13.0
18	IC 426388	5.6	5.8	3.0	5.4	-4.2	18	IC 426388	5.2	5.3	1.9	5.1	-1.9
19	IC 426400	3.8	3.9	2.6	4.1	7.1	19	IC 426400	4.2	4.3	1.6	2.4	-42.9
20	IC 426403	3.6	3.8	4.6	3.8	5.4	20	IC 426403	4.1	3.1	-24.2	2.7	-34.7
21	IC 447833	3.5	3.7	3.8	3.4	-3.8	21	IC 447833	4.1	4.3	5.7	4.1	0.8
22	IC 491044	3.7	3.9	7.6	3.3	-8.7	22	IC 491044	4.6	4.1	-10.9	4.2	-8.0
23	IC 491128	3.6	3.3	-6.1	3.5	-1.4	23	IC 491128	4.2	4.0	-6.3	3.1	-26.8
24	IC 491161	2.8	2.9	3.6	3.3	19.3	24	IC 491161	4.1	4.2	2.4	2.7	-33.3
25	IC 491263	3.4	3.5	2.9	3.2	-4.9	25	IC 491263	4.0	4.2	5.0	3.3	-18.3
26	IC 491415	4.1	3.6	-13.4	4.5	8.1	26	IC 491415	4.3	4.0	-7.0	3.4	-20.9
27	IC 491429	3.2	4.3	34.0	2.6	-19.6	27	IC 491429	4.5	4.1	-8.2	2.6	-43.0
28	IC 491509	3.0	3.3	11.1	2.4	-19.2	28	IC 491509	5.0	4.9	-2.6	4.7	-6.6
29	IC 570279	4.3	3.5	-17.3	4.4	3.2	29	IC 570279	5.2	5.0	-3.8	3.1	-40.8
30	IC 570301	3.2	3.3	4.2	3.1	-1.1	30	IC 570301	4.7	3.8	-20.4	4.3	-9.1
31	IC 571686	3.4	3.4	0.0	3.2	-6.2	31	IC 571686	3.8	3.7	-2.7	2.3	-38.9
32	IC 589669	3.0	3.2	6.7	3.1	3.3	32	IC 589669	3.5	3.8	8.6	3.6	2.9

Yield per plant (g)

		2019-20							2021-22				
		OS	ES	% change	LS	% change			OS	ES	% change	LS	% change
1	IC 261687	17.0	16.9	-0.23	12.4	-26.83	1	IC 261687	18.0	16.9	-5.75	18.7	4.27
2	IC 267695	20.5	20.6	0.65	21.9	7.00	2	IC 267695	17.7	18.7	6.04	19.6	10.94
3	IC 267699	12.3	15.7	27.57	11.7	-5.14	3	IC 267699	19.2	16.7	-12.70	16.1	-16.00
4	IC 267705	25.1	27.0	7.64	26.7	6.58	4	IC 267705	20.7	22.7	9.32	22.9	10.45
5	IC 280907	19.3	17.8	-7.79	14.5	-24.81	5	IC 280907	20.4	19.5	-4.25	14.1	-30.72
6	IC 280920	24.4	27.9	14.50	10.4	-57.33	6	IC 280920	21.4	18.4	-14.02	11.6	-45.95
7	IC 296688	35.4	36.1	2.09	21.6	-38.92	7	IC 296688	27.6	28.3	2.54	14.1	-49.09
8	IC 296702	18.3	28.2	53.82	9.4	-48.91	8	IC 296702	13.6	12.3	-9.56	12.7	-6.86
9	IC 296703	32.0	37.2	16.25	26.1	-18.42	9	IC 296703	29.4	28.3	-3.96	30.4	3.28
10	IC 296732	31.8	32.9	3.53	32.0	0.63	10	IC 296732	28.0	29.1	3.81	28.2	0.71
11	IC 305130	33.0	29.2	-11.57	13.8	-58.31	11	IC 305130	32.4	32.9	1.44	14.4	-55.66
12	IC 347855	23.7	28.1	18.52	10.1	-57.48	12	IC 347855	18.4	13.3	-27.68	7.0	-62.14
13	IC 353575	21.0	19.8	-5.90	8.5	-59.73	13	IC 353575	19.9	20.8	4.36	15.5	-21.94
14	IC 362912	10.5	9.8	-6.47	6.8	-35.18	14	IC 362912	11.5	9.9	-13.83	6.2	-45.85
15	IC 385783	30.1	28.3	-5.98	6.1	-79.83	15	IC 385783	22.7	20.2	-10.82	7.7	-66.08
16	IC 401575	32.5	34.1	5.03	26.9	-17.23	16	IC 401575	31.2	33.6	7.59	22.7	-27.24
17	IC 426385	34.1	35.1	3.13	23.3	-31.70	17	IC 426385	31.1	34.0	9.32	29.0	-6.75
18	IC 426388	23.8	22.7	-4.49	19.2	-19.18	18	IC 426388	19.0	18.8	-1.05	17.3	-9.12
19	IC 426400	26.1	15.6	-40.02	15.5	-40.37	19	IC 426400	14.3	13.7	-3.97	12.0	-15.89
20	IC 426403	35.2	21.8	-38.03	21.0	-40.30	20	IC 426403	28.0	27.4	-2.14	25.0	-10.71
21	IC 447833	20.6	22.5	9.27	12.9	-37.41	21	IC 447833	15.6	18.2	16.45	14.3	-8.12
22	IC 491044	19.2	16.7	-13.23	13.1	-31.99	22	IC 491044	14.9	15.0	0.67	14.1	-5.59
23	IC 491128	28.3	32.0	13.07	11.6	-58.88	23	IC 491128	25.3	29.2	15.55	15.8	-37.55
24	IC 491161	29.6	32.5	9.79	23.4	-21.03	24	IC 491161	26.6	27.2	2.51	20.6	-22.58
25	IC 491263	22.1	29.3	33.03	16.2	-26.53	25	IC 491263	20.2	23.1	14.19	19.2	-5.12
26	IC 491415	22.3	21.9	-1.60	11.9	-46.66	26	IC 491415	12.8	13.6	6.48	9.7	-24.28

27	IC 491429	29.3	29.9	2.16	16.4	-44.08	27	IC 491429	25.7	26.0	1.17	17.5	-31.91
28	IC 491509	23.6	13.8	-41.46	9.6	-59.14	28	IC 491509	16.8	18.2	8.82	10.0	-40.20
29	IC 570279	12.2	14.9	21.81	10.4	-14.48	29	IC 570279	18.0	17.3	-3.90	18.3	1.67
30	IC 570301	22.8	26.3	15.67	14.1	-38.09	30	IC 570301	14.8	18.1	22.16	8.4	-43.15
31	IC 571686	22.3	21.5	-3.39	10.0	-55.13	31	IC 571686	21.5	20.9	-2.79	11.2	-47.83
32	IC 589669	28.4	30.6	7.74	24.2	-15.01	32	IC 589669	30.4	31.5	3.51	24.0	-21.16

Table 2. Pooled data of the year 2019-20 and 2021-22 for number of siliqua per plant, siliqua length (cm), seeds per siliqua, test weight (g) and yield per plant (g) of Indian mustard.

Siliqua Number				
Sr. No.	Accessions	2019-20	2021-22	Mean
1	IC 261687	694.6	620.9	657.7
2	IC 267695	842.2	843.7	843.0
3	IC 267699	759.3	832.7	796.0
4	IC 267705	834.0	809.3	821.7
5	IC 280907	874.8	853.9	864.3
6	IC 280920	797.5	730.8	764.2
7	IC 296688	971.8	987.1	979.4
8	IC 296702	929.0	821.1	875.1
9	IC 296703	1078.5	962.9	1020.7
10	IC 296732	885.1	951.9	918.5
11	IC 305130	1030.7	966.9	998.8
12	IC 347855	833.7	668.7	751.2
13	IC 353575	705.4	823.5	764.5
14	IC 362912	457.8	470.3	464.1
15	IC 385783	939.2	806.2	872.7
16	IC 401575	964.3	874.1	919.2
17	IC 426385	1078.4	1010.9	1044.7
18	IC 426388	754.9	765.0	760.0
19	IC 426400	799.8	787.6	793.7
20	IC 426403	878.0	733.5	805.7

21	IC 447833	564.6	757.1	660.8
22	IC 491044	798.8	603.2	701.0
23	IC 491128	901.8	984.0	942.9
24	IC 491161	928.0	744.8	836.4
25	IC 491263	663.6	612.3	638.0
26	IC 491415	768.8	702.7	735.7
27	IC 491429	1023.3	878.0	950.7
28	IC 491509	825.2	632.9	729.1
29	IC 570279	877.0	439.1	658.1
30	IC 570301	752.7	632.6	692.6
31	IC 571686	729.9	816.5	773.2
32	IC 589669	923.8	898.5	911.1
		839.57	781.953	

Siliqua Length

Sr. No.	Accessions	2019-20	2021-22	Mean
1	IC 261687	4.4	4.3	4.4
2	IC 267695	4.4	4.9	4.7
3	IC 267699	4.0	4.4	4.2
4	IC 267705	4.4	4.2	4.3
5	IC 280907	4.3	4.4	4.4
6	IC 280920	4.4	4.2	4.3
7	IC 296688	4.7	4.3	4.5
8	IC 296702	4.5	4.6	4.6
9	IC 296703	4.3	4.6	4.4
10	IC 296732	4.4	4.6	4.5
11	IC 305130	4.2	4.5	4.4
12	IC 347855	4.5	4.4	4.5
13	IC 353575	4.5	4.9	4.7
14	IC 362912	4.1	4.5	4.3
15	IC 385783	4.3	4.4	4.4
16	IC 401575	4.5	5.0	4.7

17	IC 426385	4.5	4.5	4.5
18	IC 426388	4.2	4.4	4.3
19	IC 426400	4.5	4.7	4.6
20	IC 426403	4.6	4.7	4.6
21	IC 447833	4.5	4.5	4.5
22	IC 491044	4.8	4.6	4.7
23	IC 491128	4.7	4.9	4.8
24	IC 491161	4.6	4.5	4.6
25	IC 491263	4.4	4.6	4.5
26	IC 491415	4.5	4.7	4.6
27	IC 491429	4.2	4.9	4.6
28	IC 491509	4.3	5.1	4.7
29	IC 570279	4.4	4.9	4.7
30	IC 570301	4.2	4.9	4.5
31	IC 571686	4.6	4.7	4.6
32	IC 589669	4.3	4.4	4.4
		4.415	4.602	

Seeds per siliqua				
Sr. No.	Accessions	2019-20	2021-22	Mean
1	IC 261687	13.3	14.0	13.7
2	IC 267695	14.1	13.2	13.7
3	IC 267699	17.5	12.8	15.1
4	IC 267705	13.2	13.8	13.5
5	IC 280907	13.9	13.3	13.6
6	IC 280920	15.7	13.7	14.7
7	IC 296688	13.8	13.4	13.6
8	IC 296702	15.2	13.4	14.3
9	IC 296703	13.7	13.9	13.8
10	IC 296732	13.7	13.5	13.6

11	IC 305130	13.8	12.7	13.2
12	IC 347855	12.8	13.6	13.2
13	IC 353575	16.5	13.4	15.0
14	IC 362912	14.9	13.7	14.3
15	IC 385783	14.5	13.6	14.0
16	IC 401575	14.2	13.3	13.8
17	IC 426385	16.2	12.5	14.4
18	IC 426388	13.1	14.0	13.6
19	IC 426400	14.4	13.6	14.0
20	IC 426403	13.3	14.0	13.7
21	IC 447833	17.7	14.2	16.0
22	IC 491044	13.8	14.2	14.0
23	IC 491128	14.7	14.2	14.5
24	IC 491161	14.5	13.3	13.9
25	IC 491263	17.1	12.8	15.0
26	IC 491415	15.3	14.1	14.7
27	IC 491429	14.1	13.9	14.0
28	IC 491509	12.8	14.8	13.8
29	IC 570279	14.5	13.5	14.0
30	IC 570301	17.1	13.9	15.5
31	IC 571686	17.1	13.8	15.5
32	IC 589669	13.9	13.6	13.8
		14.699	13.609	

Test weight (g)				
Sr. No.	Accessions	2019-20	2021-22	Mean
1	IC 261687	3.7	4.6	4.2
2	IC 267695	3.8	4.0	3.9
3	IC 267699	3.6	3.9	3.8
4	IC 267705	4.2	2.5	3.4

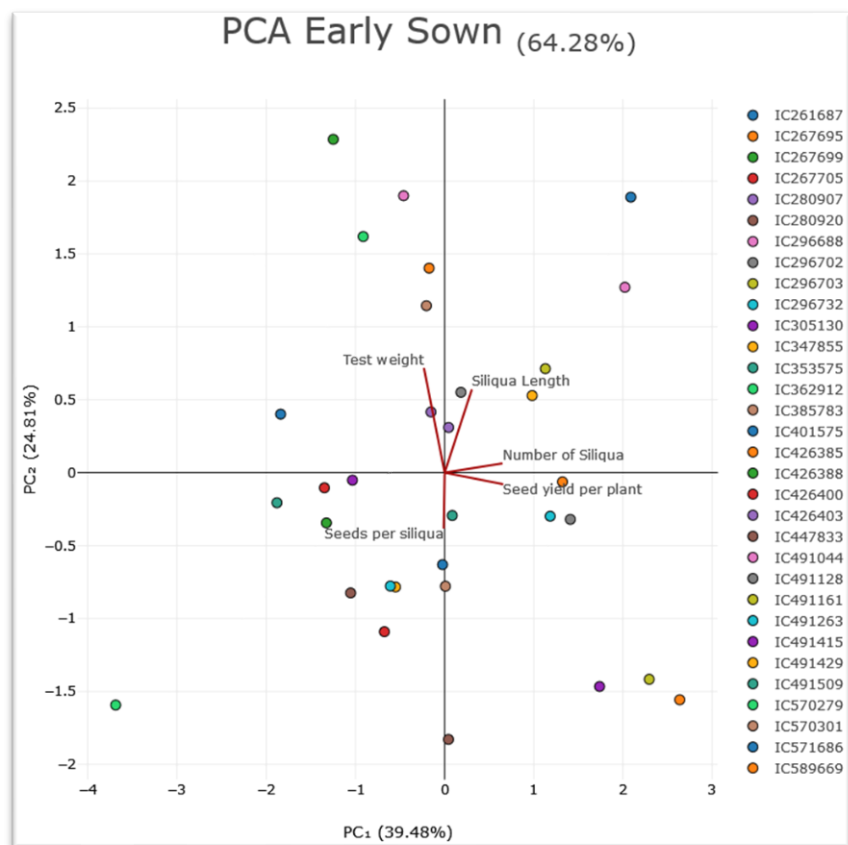
5	IC 280907	4.1	3.3	3.7
6	IC 280920	2.5	2.2	2.3
7	IC 296688	3.4	4.6	4.0
8	IC 296702	3.8	4.5	4.1
9	IC 296703	2.3	2.2	2.2
10	IC 296732	3.6	3.5	3.6
11	IC 305130	2.5	2.6	2.6
12	IC 347855	3.4	3.2	3.3
13	IC 353575	3.7	3.1	3.4
14	IC 362912	2.7	3.1	2.9
15	IC 385783	4.6	4.8	4.7
16	IC 401575	4.1	4.2	4.2
17	IC 426385	2.6	2.4	2.5
18	IC 426388	5.6	5.2	5.4
19	IC 426400	3.9	3.6	3.8
20	IC 426403	3.7	3.3	3.5
21	IC 447833	3.5	4.2	3.9
22	IC 491044	3.6	4.3	4.0
23	IC 491128	3.5	3.8	3.6
24	IC 491161	3.0	3.7	3.3
25	IC 491263	3.4	3.8	3.6
26	IC 491415	4.1	3.9	4.0
27	IC 491429	3.4	3.7	3.6
28	IC 491509	2.9	4.9	3.9
29	IC 570279	4.1	4.4	4.3
30	IC 570301	3.2	4.3	3.7
31	IC 571686	3.3	3.3	3.3
32	IC 589669	3.1	3.6	3.4
		3.528	3.708	

Yield per plant (g)				
Sr. No.	Accessions	2019-20	2021-22	Mean
1	IC 261687	15.4	17.9	16.7
2	IC 267695	21.0	18.7	19.8
3	IC 267699	13.2	17.3	15.3
4	IC 267705	26.3	22.1	24.2
5	IC 280907	17.2	18.0	17.6
6	IC 280920	20.9	17.1	19.0
7	IC 296688	31.1	23.3	27.2
8	IC 296702	18.6	12.9	15.8
9	IC 296703	31.8	29.4	30.6
10	IC 296732	32.3	28.4	30.4
11	IC 305130	25.3	26.6	26.0
12	IC 347855	20.6	12.9	16.8
13	IC 353575	16.4	18.7	17.6
14	IC 362912	9.0	9.2	9.1
15	IC 385783	21.5	16.9	19.2
16	IC 401575	31.2	29.2	30.2
17	IC 426385	30.8	30.4	30.6
18	IC 426388	21.9	18.4	20.1
19	IC 426400	19.1	13.3	16.2
20	IC 426403	26.0	26.8	26.4
21	IC 447833	18.7	16.0	17.4
22	IC 491044	16.3	14.7	15.5
23	IC 491128	24.0	23.4	23.7
24	IC 491161	28.5	24.8	26.7
25	IC 491263	22.5	20.8	21.7
26	IC 491415	18.7	12.0	15.4
27	IC 491429	25.2	23.1	24.1
28	IC 491509	15.7	15.0	15.3

29	IC 570279	12.5	17.9	15.2
30	IC 570301	21.1	13.8	17.4
31	IC 571686	17.9	17.9	17.9
32	IC 589669	27.7	28.6	28.2
		21.827	19.856	

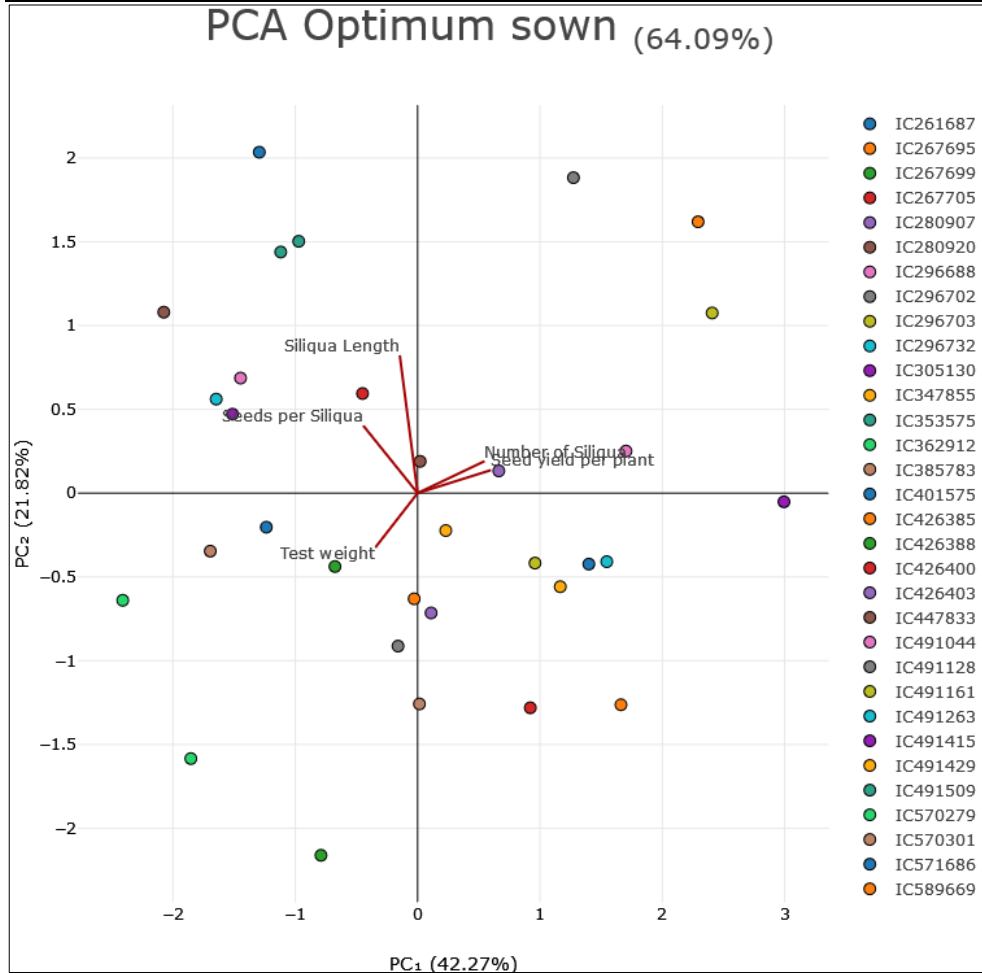
Table 3. PCA analysis data of each sowing time of the year 2019-20 and 2021-22 combined together.

Early Sown					
Parameter	PC ₁	PC ₂	PC ₃	PC ₄	PC ₅
Eigenvalue	1.97	1.24	0.99	0.58	0.22
% of Variance	39.48	24.81	19.76	11.65	4.30
Cumulative (%)	39.48	64.28	84.05	95.70	100.00



Optimum sown

Parameter	PC ₁	PC ₂	PC ₃	PC ₄	PC ₅
Eigenvalue	2.11	1.09	0.85	0.61	0.33
% of Variance	42.27	21.82	17.09	12.27	6.54
Cumulative (%)	42.27	64.09	81.18	93.46	100.00



Late Sown

Parameter	PC ₁	PC ₂	PC ₃	PC ₄	PC ₅
Eigenvalue	1.96	1.25	0.92	0.71	0.16
% of Variance	39.17	24.96	18.37	14.27	3.23
Cumulative (%)	39.17	64.13	82.50	96.77	100.00

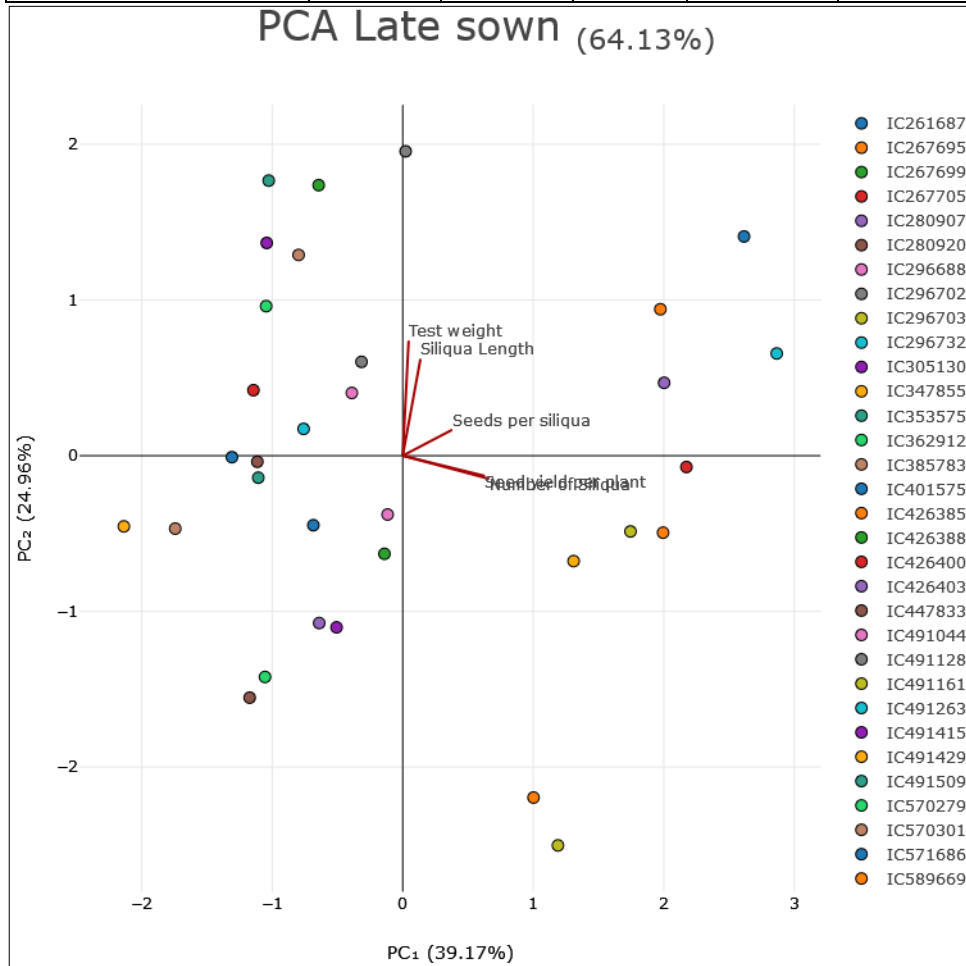


Table 4. Data on sunshine hours of the crop season during both the years.

Sunrise and Sunset of the year 2019-20					
Week	2019-20	Sunrise/Sunset		Daylength	
	Sep-19	Sunrise	Sunset	Length	Diff.
39	23	06:09 ↑ (89°)	18:17 ↑ (270°)	12:07:26	-1:40
	24	06:10 ↑ (90°)	18:16 ↑ (270°)	12:05:45	-1:40
	25	06:10 ↑ (90°)	18:14 ↑ (269°)	12:04:05	-1:40
	26	06:11 ↑ (91°)	18:13 ↑ (269°)	12:02:24	-1:40
	27	06:11 ↑ (91°)	18:12 ↑ (269°)	12:00:43	-1:40
	28	06:12 ↑ (92°)	18:11 ↑ (268°)	11:59:03	-1:40
	29	06:12 ↑ (92°)	18:10 ↑ (268°)	11:57:22	-1:40
	30	06:13 ↑ (93°)	18:08 ↑ (267°)	11:55:41	-1:40
	Oct-19	Sunrise	Sunset	Length	Diff.
40	1	06:13 ↑ (93°)	18:07 ↑ (267°)	11:54:01	-1:40
	2	06:14 ↑ (93°)	18:06 ↑ (266°)	11:52:21	-1:40
	3	06:14 ↑ (94°)	18:05 ↑ (266°)	11:50:40	-1:40
	4	06:15 ↑ (94°)	18:04 ↑ (266°)	11:49:00	-1:40
	5	06:15 ↑ (95°)	18:03 ↑ (265°)	11:47:20	-1:39
	6	06:16 ↑ (95°)	18:02 ↑ (265°)	11:45:41	-1:39
41	7	06:16 ↑ (96°)	18:00 ↑ (264°)	11:44:01	-1:39
	8	06:17 ↑ (96°)	17:59 ↑ (264°)	11:42:21	-1:39
	9	06:18 ↑ (96°)	17:58 ↑ (263°)	11:40:42	-1:39
	10	06:18 ↑ (97°)	17:57 ↑ (263°)	11:39:03	-1:38
	11	06:19 ↑ (97°)	17:56 ↑ (262°)	11:37:25	-1:38
	12	06:19 ↑ (98°)	17:55 ↑ (262°)	11:35:46	-1:38
	13	06:20 ↑ (98°)	17:54 ↑ (262°)	11:34:08	-1:38
42	14	06:20 ↑ (99°)	17:53 ↑ (261°)	11:32:30	-1:37
	15	06:21 ↑ (99°)	17:52 ↑ (261°)	11:30:52	-1:37
	16	06:22 ↑ (99°)	17:51 ↑ (260°)	11:29:15	-1:37
	17	06:22 ↑ (100°)	17:50 ↑ (260°)	11:27:38	-1:36
	18	06:23 ↑ (100°)	17:49 ↑ (260°)	11:26:02	-1:36
	19	06:23 ↑ (101°)	17:48 ↑ (259°)	11:24:26	-1:36

	20	06:24 ↑ (101°)	17:47 ↑ (259°)	11:22:50	-1:35
43	21	06:25 ↑ (102°)	17:46 ↑ (258°)	11:21:15	-1:35
	22	06:25 ↑ (102°)	17:45 ↑ (258°)	11:19:40	-1:34
	23	06:26 ↑ (102°)	17:44 ↑ (257°)	11:18:06	-1:34
	24	06:26 ↑ (103°)	17:43 ↑ (257°)	11:16:32	-1:33
	25	06:27 ↑ (103°)	17:42 ↑ (257°)	11:14:59	-1:33
	26	06:28 ↑ (104°)	17:41 ↑ (256°)	11:13:26	-1:32
	27	06:28 ↑ (104°)	17:40 ↑ (256°)	11:11:54	-1:32
44	28	06:29 ↑ (104°)	17:40 ↑ (256°)	11:10:23	-1:31
	29	06:30 ↑ (105°)	17:39 ↑ (255°)	11:08:52	-1:30
	30	06:31 ↑ (105°)	17:38 ↑ (255°)	11:07:22	-1:30
	31	06:31 ↑ (105°)	17:37 ↑ (254°)	11:05:52	-1:29
	Nov-19	Sunrise	Sunset	Length	Diff.
	1	06:32 ↑ (106°)	17:36 ↑ (254°)	11:04:24	-1:28
	2	06:33 ↑ (106°)	17:36 ↑ (254°)	11:02:56	-1:27
	3	06:33 ↑ (107°)	17:35 ↑ (253°)	11:01:29	-1:26
45	4	06:34 ↑ (107°)	17:34 ↑ (253°)	11:00:03	-1:26
	5	06:35 ↑ (107°)	17:33 ↑ (253°)	10:58:37	-1:25
	6	06:36 ↑ (108°)	17:33 ↑ (252°)	10:57:13	-1:24
	7	06:36 ↑ (108°)	17:32 ↑ (252°)	10:55:50	-1:23
	8	06:37 ↑ (108°)	17:31 ↑ (252°)	10:54:27	-1:22
	9	06:38 ↑ (109°)	17:31 ↑ (251°)	10:53:06	-1:21
	10	06:39 ↑ (109°)	17:30 ↑ (251°)	10:51:46	-1:20
46	11	06:39 ↑ (109°)	17:30 ↑ (251°)	10:50:27	-1:19
	12	06:40 ↑ (110°)	17:29 ↑ (250°)	10:49:09	-1:17
	13	06:41 ↑ (110°)	17:29 ↑ (250°)	10:47:52	-1:16
	14	06:42 ↑ (110°)	17:28 ↑ (250°)	10:46:36	-1:15
	15	06:42 ↑ (110°)	17:28 ↑ (249°)	10:45:22	-1:14
	16	06:43 ↑ (111°)	17:27 ↑ (249°)	10:44:09	-1:12
	17	06:44 ↑ (111°)	17:27 ↑ (249°)	10:42:58	-1:11
47	18	06:45 ↑ (111°)	17:27 ↑ (249°)	10:41:47	-1:10

	19	06:45 ↑ (112°)	17:26 ↑ (248°)	10:40:39	-1:08
	20	06:46 ↑ (112°)	17:26 ↑ (248°)	10:39:31	-1:07
	21	06:47 ↑ (112°)	17:26 ↑ (248°)	10:38:25	-1:05
	22	06:48 ↑ (112°)	17:25 ↑ (247°)	10:37:21	-1:04
	23	06:49 ↑ (113°)	17:25 ↑ (247°)	10:36:19	-1:02
	24	06:49 ↑ (113°)	17:25 ↑ (247°)	10:35:18	-1:01
48	25	06:50 ↑ (113°)	17:25 ↑ (247°)	10:34:18	-0:59
	26	06:51 ↑ (113°)	17:24 ↑ (247°)	10:33:21	-0:57
	27	06:52 ↑ (114°)	17:24 ↑ (246°)	10:32:25	-0:55
	28	06:53 ↑ (114°)	17:24 ↑ (246°)	10:31:31	-0:54
	29	06:53 ↑ (114°)	17:24 ↑ (246°)	10:30:39	-0:52
	30	06:54 ↑ (114°)	17:24 ↑ (246°)	10:29:48	-0:50
	Dec-19	Sunrise	Sunset	Length	Diff.
	1	06:55 ↑ (114°)	17:24 ↑ (246°)	10:29:00	-0:48
49	2	06:56 ↑ (115°)	17:24 ↑ (245°)	10:28:14	-0:46
	3	06:56 ↑ (115°)	17:24 ↑ (245°)	10:27:29	-0:44
	4	06:57 ↑ (115°)	17:24 ↑ (245°)	10:26:47	-0:42
	5	06:58 ↑ (115°)	17:24 ↑ (245°)	10:26:07	-0:40
	6	06:59 ↑ (115°)	17:24 ↑ (245°)	10:25:29	-0:38
	7	06:59 ↑ (115°)	17:24 ↑ (245°)	10:24:53	-0:35
	8	07:00 ↑ (115°)	17:24 ↑ (244°)	10:24:19	-0:33
50	9	07:01 ↑ (116°)	17:25 ↑ (244°)	10:23:47	-0:31
	10	07:02 ↑ (116°)	17:25 ↑ (244°)	10:23:18	-0:29
	11	07:02 ↑ (116°)	17:25 ↑ (244°)	10:22:51	-0:27
	12	07:03 ↑ (116°)	17:25 ↑ (244°)	10:22:26	-0:24
	13	07:04 ↑ (116°)	17:26 ↑ (244°)	10:22:04	-0:22
	14	07:04 ↑ (116°)	17:26 ↑ (244°)	10:21:44	-0:20
	15	07:05 ↑ (116°)	17:26 ↑ (244°)	10:21:26	-0:17
51	16	07:05 ↑ (116°)	17:27 ↑ (244°)	10:21:11	-0:15
	17	07:06 ↑ (116°)	17:27 ↑ (244°)	10:20:58	-0:12
	18	07:07 ↑ (116°)	17:27 ↑ (244°)	10:20:47	-0:10

	19	07:07 ↑ (116°)	17:28 ↑ (244°)	10:20:39	-0:08
	20	07:08 ↑ (116°)	17:28 ↑ (244°)	10:20:33	-0:05
	21	07:08 ↑ (116°)	17:29 ↑ (244°)	10:20:30	-0:03
	22	07:09 ↑ (116°)	17:29 ↑ (244°)	10:20:29	< 1s
52	23	07:09 ↑ (116°)	17:30 ↑ (244°)	10:20:30	+0:01
	24	07:10 ↑ (116°)	17:30 ↑ (244°)	10:20:34	+0:03
	25	07:10 ↑ (116°)	17:31 ↑ (244°)	10:20:41	+0:06
	26	07:11 ↑ (116°)	17:31 ↑ (244°)	10:20:50	+0:08
	27	07:11 ↑ (116°)	17:32 ↑ (244°)	10:21:01	+0:11
	28	07:11 ↑ (116°)	17:33 ↑ (244°)	10:21:14	+0:13
	29	07:12 ↑ (116°)	17:33 ↑ (244°)	10:21:30	+0:15
1	30	07:12 ↑ (116°)	17:34 ↑ (244°)	10:21:49	+0:18
	31	07:12 ↑ (116°)	17:35 ↑ (244°)	10:22:09	+0:20
	Jan-20	Sunrise	Sunset	Length	Diff.
	1	07:13 ↑ (116°)	17:35 ↑ (244°)	10:22:32	+0:23
	2	07:13 ↑ (116°)	17:36 ↑ (244°)	10:22:58	+0:25
	3	07:13 ↑ (116°)	17:37 ↑ (244°)	10:23:25	+0:27
	4	07:13 ↑ (116°)	17:37 ↑ (244°)	10:23:55	+0:29
	5	07:14 ↑ (115°)	17:38 ↑ (245°)	10:24:28	+0:32
2	6	07:14 ↑ (115°)	17:39 ↑ (245°)	10:25:02	+0:34
	7	07:14 ↑ (115°)	17:40 ↑ (245°)	10:25:39	+0:36
	8	07:14 ↑ (115°)	17:40 ↑ (245°)	10:26:18	+0:38
	9	07:14 ↑ (115°)	17:41 ↑ (245°)	10:26:59	+0:40
	10	07:14 ↑ (115°)	17:42 ↑ (245°)	10:27:42	+0:43
	11	07:14 ↑ (115°)	17:43 ↑ (245°)	10:28:27	+0:45
	12	07:14 ↑ (114°)	17:43 ↑ (246°)	10:29:14	+0:47
3	13	07:14 ↑ (114°)	17:44 ↑ (246°)	10:30:03	+0:49
	14	07:14 ↑ (114°)	17:45 ↑ (246°)	10:30:54	+0:51
	15	07:14 ↑ (114°)	17:46 ↑ (246°)	10:31:47	+0:53
	16	07:14 ↑ (114°)	17:47 ↑ (246°)	10:32:42	+0:54
	17	07:14 ↑ (113°)	17:47 ↑ (247°)	10:33:39	+0:56

	18	07:14 ↑ (113°)	17:48 ↑ (247°)	10:34:38	+0:58
	19	07:13 ↑ (113°)	17:49 ↑ (247°)	10:35:38	+1:00
4	20	07:13 ↑ (113°)	17:50 ↑ (247°)	10:36:40	+1:02
	21	07:13 ↑ (112°)	17:51 ↑ (248°)	10:37:44	+1:03
	22	07:13 ↑ (112°)	17:52 ↑ (248°)	10:38:49	+1:05
	23	07:13 ↑ (112°)	17:52 ↑ (248°)	10:39:56	+1:06
	24	07:12 ↑ (112°)	17:53 ↑ (248°)	10:41:04	+1:08
	25	07:12 ↑ (111°)	17:54 ↑ (249°)	10:42:14	+1:09
	26	07:11 ↑ (111°)	17:55 ↑ (249°)	10:43:26	+1:11
5	27	07:11 ↑ (111°)	17:56 ↑ (249°)	10:44:39	+1:12
	28	07:11 ↑ (111°)	17:57 ↑ (250°)	10:45:53	+1:14
	29	07:10 ↑ (110°)	17:57 ↑ (250°)	10:47:09	+1:15
	30	07:10 ↑ (110°)	17:58 ↑ (250°)	10:48:25	+1:16
	31	07:09 ↑ (110°)	17:59 ↑ (251°)	10:49:44	+1:18
	Feb-20	Sunrise	Sunset	Length	Diff.
	1	07:09 ↑ (109°)	18:00 ↑ (251°)	10:51:03	+1:19
	2	07:08 ↑ (109°)	18:01 ↑ (251°)	10:52:23	+1:20
6	3	07:08 ↑ (109°)	18:01 ↑ (252°)	10:53:45	+1:21
	4	07:07 ↑ (108°)	18:02 ↑ (252°)	10:55:08	+1:22
	5	07:07 ↑ (108°)	18:03 ↑ (252°)	10:56:31	+1:23
	6	07:06 ↑ (108°)	18:04 ↑ (253°)	10:57:56	+1:24
	7	07:05 ↑ (107°)	18:05 ↑ (253°)	10:59:22	+1:25
	8	07:05 ↑ (107°)	18:05 ↑ (253°)	11:00:49	+1:26
	9	07:04 ↑ (107°)	18:06 ↑ (254°)	11:02:16	+1:27
7	10	07:03 ↑ (106°)	18:07 ↑ (254°)	11:03:45	+1:28
	11	07:02 ↑ (106°)	18:08 ↑ (254°)	11:05:14	+1:29
	12	07:02 ↑ (105°)	18:08 ↑ (255°)	11:06:44	+1:30
	13	07:01 ↑ (105°)	18:09 ↑ (255°)	11:08:15	+1:30
	14	07:00 ↑ (105°)	18:10 ↑ (256°)	11:09:46	+1:31
	15	06:59 ↑ (104°)	18:11 ↑ (256°)	11:11:19	+1:32
	16	06:59 ↑ (104°)	18:11 ↑ (256°)	11:12:52	+1:32

8	17	06:58 ↑ (103°)	18:12 ↑ (257°)	11:14:25	+1:33
	18	06:57 ↑ (103°)	18:13 ↑ (257°)	11:16:00	+1:34
	19	06:56 ↑ (103°)	18:14 ↑ (258°)	11:17:35	+1:34
	20	06:55 ↑ (102°)	18:14 ↑ (258°)	11:19:10	+1:35
	21	06:54 ↑ (102°)	18:15 ↑ (258°)	11:20:46	+1:35
	22	06:53 ↑ (101°)	18:16 ↑ (259°)	11:22:22	+1:36
	23	06:52 ↑ (101°)	18:16 ↑ (259°)	11:23:59	+1:36
9	24	06:51 ↑ (101°)	18:17 ↑ (260°)	11:25:37	+1:37
	25	06:50 ↑ (100°)	18:18 ↑ (260°)	11:27:15	+1:37
	26	06:49 ↑ (100°)	18:18 ↑ (260°)	11:28:53	+1:38
	27	06:48 ↑ (99°)	18:19 ↑ (261°)	11:30:31	+1:38
	28	06:47 ↑ (99°)	18:20 ↑ (261°)	11:32:10	+1:38
	29	06:46 ↑ (98°)	18:20 ↑ (262°)	11:33:50	+1:39
	Mar-20	Sunrise	Sunset	Length	Diff.
	1	06:45 ↑ (98°)	18:21 ↑ (262°)	11:35:29	+1:39
10	2	06:44 ↑ (98°)	18:22 ↑ (263°)	11:37:09	+1:39
	3	06:43 ↑ (97°)	18:22 ↑ (263°)	11:38:49	+1:40
	4	06:42 ↑ (97°)	18:23 ↑ (263°)	11:40:30	+1:40
	5	06:41 ↑ (96°)	18:23 ↑ (264°)	11:42:11	+1:40
	6	06:40 ↑ (96°)	18:24 ↑ (264°)	11:43:51	+1:40
	7	06:39 ↑ (95°)	18:25 ↑ (265°)	11:45:33	+1:41
	8	06:38 ↑ (95°)	18:25 ↑ (265°)	11:47:14	+1:41
11	9	06:37 ↑ (95°)	18:26 ↑ (266°)	11:48:55	+1:41
	10	06:36 ↑ (94°)	18:26 ↑ (266°)	11:50:37	+1:41
	11	06:35 ↑ (94°)	18:27 ↑ (267°)	11:52:18	+1:41
	12	06:34 ↑ (93°)	18:28 ↑ (267°)	11:54:00	+1:41
	13	06:32 ↑ (93°)	18:28 ↑ (267°)	11:55:42	+1:41
	14	06:31 ↑ (92°)	18:29 ↑ (268°)	11:57:24	+1:42
	15	06:30 ↑ (92°)	18:29 ↑ (268°)	11:59:06	+1:42
12	16	06:29 ↑ (91°)	18:30 ↑ (269°)	12:00:49	+1:42
	17	06:28 ↑ (91°)	18:30 ↑ (269°)	12:02:31	+1:42

	18	06:27 ↑ (91°)	18:31 ↑ (270°)	12:04:13	+1:42
	19	06:26 ↑ (90°)	18:32 ↑ (270°)	12:05:55	+1:42
	20	06:25 ↑ (90°)	18:32 ↑ (271°)	12:07:37	+1:42
	21	06:23 ↑ (89°)	18:33 ↑ (271°)	12:09:20	+1:42
	22	06:22 ↑ (89°)	18:33 ↑ (272°)	12:11:02	+1:42
13	23	06:21 ↑ (88°)	18:34 ↑ (272°)	12:12:44	+1:42
	24	06:20 ↑ (88°)	18:34 ↑ (272°)	12:14:26	+1:42
	25	06:19 ↑ (87°)	18:35 ↑ (273°)	12:16:08	+1:42
	26	06:18 ↑ (87°)	18:35 ↑ (273°)	12:17:50	+1:41
	27	06:16 ↑ (86°)	18:36 ↑ (274°)	12:19:32	+1:41
	28	06:15 ↑ (86°)	18:37 ↑ (274°)	12:21:14	+1:41
	29	06:14 ↑ (86°)	18:37 ↑ (275°)	12:22:55	+1:41
14	30	06:13 ↑ (85°)	18:38 ↑ (275°)	12:24:36	+1:41
	31	06:12 ↑ (85°)	18:38 ↑ (276°)	12:26:18	+1:41
	Apr-20	Sunrise	Sunset	Length	Diff.
	1	06:11 ↑ (84°)	18:39 ↑ (276°)	12:27:59	+1:40
	2	06:10 ↑ (84°)	18:39 ↑ (276°)	12:29:39	+1:40
	3	06:08 ↑ (83°)	18:40 ↑ (277°)	12:31:20	+1:40
	4	06:07 ↑ (83°)	18:40 ↑ (277°)	12:33:00	+1:40
	5	06:06 ↑ (83°)	18:41 ↑ (278°)	12:34:40	+1:40
15	6	06:05 ↑ (82°)	18:41 ↑ (278°)	12:36:20	+1:39
	7	06:04 ↑ (82°)	18:42 ↑ (279°)	12:37:59	+1:39
	8	06:03 ↑ (81°)	18:43 ↑ (279°)	12:39:38	+1:39
	9	06:02 ↑ (81°)	18:43 ↑ (279°)	12:41:17	+1:38
	10	06:01 ↑ (80°)	18:44 ↑ (280°)	12:42:56	+1:38
	11	06:00 ↑ (80°)	18:44 ↑ (280°)	12:44:34	+1:38
	12	05:59 ↑ (80°)	18:45 ↑ (281°)	12:46:12	+1:37
16	13	05:57 ↑ (79°)	18:45 ↑ (281°)	12:47:49	+1:37
	14	05:56 ↑ (79°)	18:46 ↑ (281°)	12:49:26	+1:36
	15	05:55 ↑ (78°)	18:46 ↑ (282°)	12:51:02	+1:36
	16	05:54 ↑ (78°)	18:47 ↑ (282°)	12:52:38	+1:36

	17	05:53 ↑ (78°)	18:48 ↑ (283°)	12:54:14	+1:35
	18	05:52 ↑ (77°)	18:48 ↑ (283°)	12:55:49	+1:35
	19	05:51 ↑ (77°)	18:49 ↑ (283°)	12:57:24	+1:34
17	20	05:50 ↑ (76°)	18:49 ↑ (284°)	12:58:57	+1:33
	21	05:49 ↑ (76°)	18:50 ↑ (284°)	13:00:31	+1:33
	22	05:48 ↑ (76°)	18:50 ↑ (285°)	13:02:04	+1:32
	23	05:47 ↑ (75°)	18:51 ↑ (285°)	13:03:36	+1:32
	24	05:46 ↑ (75°)	18:52 ↑ (285°)	13:05:07	+1:31
	25	05:46 ↑ (74°)	18:52 ↑ (286°)	13:06:38	+1:30
	26	05:45 ↑ (74°)	18:53 ↑ (286°)	13:08:08	+1:30
18	27	05:44 ↑ (74°)	18:53 ↑ (287°)	13:09:37	+1:29
	28	05:43 ↑ (73°)	18:54 ↑ (287°)	13:11:06	+1:28
	29	05:42 ↑ (73°)	18:55 ↑ (287°)	13:12:34	+1:27
	30	05:41 ↑ (73°)	18:55 ↑ (288°)	13:14:01	+1:26

Sunrise and Sunset of the year 2021-22					
Week	2021-22	Sunrise/Sunset		Day length	
	Sep-21	Sunrise	Sunset	Length	Diff.
39	27	06:12 ↑ (91°)	18:11 ↑ (268°)	11:59:51	-1:40
	28	06:12 ↑ (92°)	18:10 ↑ (268°)	11:58:10	-1:40
	29	06:13 ↑ (92°)	18:09 ↑ (267°)	11:56:30	-1:40
	30	06:13 ↑ (93°)	18:08 ↑ (267°)	11:54:49	-1:40
	Oct-21	Sunrise	Sunset	Length	Diff.
	1	06:14 ↑ (93°)	18:07 ↑ (267°)	11:53:09	-1:40
	2	06:14 ↑ (94°)	18:06 ↑ (266°)	11:51:29	-1:40
	3	06:15 ↑ (94°)	18:04 ↑ (266°)	11:49:49	-1:40
40	4	06:15 ↑ (95°)	18:03 ↑ (265°)	11:48:09	-1:40
	5	06:16 ↑ (95°)	18:02 ↑ (265°)	11:46:29	-1:39
	6	06:16 ↑ (95°)	18:01 ↑ (264°)	11:44:49	-1:39
	7	06:17 ↑ (96°)	18:00 ↑ (264°)	11:43:09	-1:39

	8	06:17 ↑ (96°)	17:59 ↑ (264°)	11:41:30	-1:39
	9	06:18 ↑ (97°)	17:58 ↑ (263°)	11:39:51	-1:39
	10	06:18 ↑ (97°)	17:57 ↑ (263°)	11:38:12	-1:38
41	11	06:19 ↑ (98°)	17:56 ↑ (262°)	11:36:33	-1:38
	12	06:20 ↑ (98°)	17:54 ↑ (262°)	11:34:55	-1:38
	13	06:20 ↑ (98°)	17:53 ↑ (261°)	11:33:17	-1:38
	14	06:21 ↑ (99°)	17:52 ↑ (261°)	11:31:39	-1:37
	15	06:21 ↑ (99°)	17:51 ↑ (261°)	11:30:01	-1:37
	16	06:22 ↑ (100°)	17:50 ↑ (260°)	11:28:24	-1:37
	17	06:22 ↑ (100°)	17:49 ↑ (260°)	11:26:48	-1:36
42	18	06:23 ↑ (101°)	17:48 ↑ (259°)	11:25:11	-1:36
	19	06:24 ↑ (101°)	17:47 ↑ (259°)	11:23:36	-1:35
	20	06:24 ↑ (101°)	17:46 ↑ (258°)	11:22:00	-1:35
	21	06:25 ↑ (102°)	17:45 ↑ (258°)	11:20:25	-1:34
	22	06:26 ↑ (102°)	17:44 ↑ (258°)	11:18:51	-1:34
	23	06:26 ↑ (103°)	17:43 ↑ (257°)	11:17:17	-1:33
	24	06:27 ↑ (103°)	17:43 ↑ (257°)	11:15:43	-1:33
43	25	06:27 ↑ (103°)	17:42 ↑ (256°)	11:14:10	-1:32
	26	06:28 ↑ (104°)	17:41 ↑ (256°)	11:12:38	-1:32
	27	06:29 ↑ (104°)	17:40 ↑ (256°)	11:11:06	-1:31
	28	06:29 ↑ (104°)	17:39 ↑ (255°)	11:09:35	-1:31
	29	06:30 ↑ (105°)	17:38 ↑ (255°)	11:08:05	-1:30
	30	06:31 ↑ (105°)	17:37 ↑ (255°)	11:06:35	-1:29
	31	06:32 ↑ (106°)	17:37 ↑ (254°)	11:05:06	-1:28
	Nov-21	Sunrise	Sunset	Length	Diff.
44	1	06:32 ↑ (106°)	17:36 ↑ (254°)	11:03:38	-1:28
	2	06:33 ↑ (106°)	17:35 ↑ (253°)	11:02:11	-1:27
	3	06:34 ↑ (107°)	17:34 ↑ (253°)	11:00:44	-1:26
	4	06:34 ↑ (107°)	17:34 ↑ (253°)	10:59:18	-1:25
	5	06:35 ↑ (107°)	17:33 ↑ (252°)	10:57:54	-1:24

	6	06:36 ↑ (108°)	17:32 ↑ (252°)	10:56:30	-1:23
	7	06:37 ↑ (108°)	17:32 ↑ (252°)	10:55:07	-1:22
45	8	06:37 ↑ (108°)	17:31 ↑ (251°)	10:53:45	-1:21
	9	06:38 ↑ (109°)	17:31 ↑ (251°)	10:52:24	-1:20
	10	06:39 ↑ (109°)	17:30 ↑ (251°)	10:51:04	-1:19
	11	06:40 ↑ (109°)	17:29 ↑ (250°)	10:49:46	-1:18
	12	06:40 ↑ (110°)	17:29 ↑ (250°)	10:48:28	-1:17
	13	06:41 ↑ (110°)	17:28 ↑ (250°)	10:47:12	-1:16
	14	06:42 ↑ (110°)	17:28 ↑ (250°)	10:45:57	-1:14
46	15	06:43 ↑ (111°)	17:28 ↑ (249°)	10:44:44	-1:13
	16	06:44 ↑ (111°)	17:27 ↑ (249°)	10:43:31	-1:12
	17	06:44 ↑ (111°)	17:27 ↑ (249°)	10:42:21	-1:10
	18	06:45 ↑ (111°)	17:26 ↑ (248°)	10:41:11	-1:09
	19	06:46 ↑ (112°)	17:26 ↑ (248°)	10:40:03	-1:08
	20	06:47 ↑ (112°)	17:26 ↑ (248°)	10:38:57	-1:06
	21	06:47 ↑ (112°)	17:25 ↑ (248°)	10:37:52	-1:04
47	22	06:48 ↑ (113°)	17:25 ↑ (247°)	10:36:48	-1:03
	23	06:49 ↑ (113°)	17:25 ↑ (247°)	10:35:46	-1:01
	24	06:50 ↑ (113°)	17:25 ↑ (247°)	10:34:46	-1:00
	25	06:51 ↑ (113°)	17:24 ↑ (247°)	10:33:48	-0:58
	26	06:51 ↑ (113°)	17:24 ↑ (246°)	10:32:51	-0:56
	27	06:52 ↑ (114°)	17:24 ↑ (246°)	10:31:56	-0:54
	28	06:53 ↑ (114°)	17:24 ↑ (246°)	10:31:03	-0:53
48	29	06:54 ↑ (114°)	17:24 ↑ (246°)	10:30:12	-0:51
	30	06:55 ↑ (114°)	17:24 ↑ (246°)	10:29:23	-0:49
	Dec-21	Sunrise	Sunset	Length	Diff.
	1	06:55 ↑ (114°)	17:24 ↑ (245°)	10:28:36	-0:47
	2	06:56 ↑ (115°)	17:24 ↑ (245°)	10:27:50	-0:45
	3	06:57 ↑ (115°)	17:24 ↑ (245°)	10:27:07	-0:43
	4	06:58 ↑ (115°)	17:24 ↑ (245°)	10:26:26	-0:41

	5	06:58 ↑ (115°)	17:24 ↑ (245°)	10:25:47	-0:39
49	6	06:59 ↑ (115°)	17:24 ↑ (245°)	10:25:10	-0:37
	7	07:00 ↑ (115°)	17:24 ↑ (245°)	10:24:35	-0:34
	8	07:00 ↑ (116°)	17:25 ↑ (244°)	10:24:02	-0:32
	9	07:01 ↑ (116°)	17:25 ↑ (244°)	10:23:32	-0:30
	10	07:02 ↑ (116°)	17:25 ↑ (244°)	10:23:04	-0:28
	11	07:03 ↑ (116°)	17:25 ↑ (244°)	10:22:38	-0:25
	12	07:03 ↑ (116°)	17:25 ↑ (244°)	10:22:14	-0:23
50	13	07:04 ↑ (116°)	17:26 ↑ (244°)	10:21:53	-0:21
	14	07:05 ↑ (116°)	17:26 ↑ (244°)	10:21:34	-0:18
	15	07:05 ↑ (116°)	17:26 ↑ (244°)	10:21:17	-0:16
	16	07:06 ↑ (116°)	17:27 ↑ (244°)	10:21:03	-0:14
	17	07:06 ↑ (116°)	17:27 ↑ (244°)	10:20:52	-0:11
	18	07:07 ↑ (116°)	17:28 ↑ (244°)	10:20:42	-0:09
	19	07:07 ↑ (116°)	17:28 ↑ (244°)	10:20:35	-0:06
51	20	07:08 ↑ (116°)	17:29 ↑ (244°)	10:20:31	-0:04
	21	07:09 ↑ (116°)	17:29 ↑ (244°)	10:20:29	-0:02
	22	07:09 ↑ (116°)	17:29 ↑ (244°)	10:20:29	< 1s
	23	07:09 ↑ (116°)	17:30 ↑ (244°)	10:20:32	+0:02
	24	07:10 ↑ (116°)	17:31 ↑ (244°)	10:20:37	+0:05
	25	07:10 ↑ (116°)	17:31 ↑ (244°)	10:20:44	+0:07
	26	07:11 ↑ (116°)	17:32 ↑ (244°)	10:20:54	+0:10
52	27	07:11 ↑ (116°)	17:32 ↑ (244°)	10:21:07	+0:12
	28	07:12 ↑ (116°)	17:33 ↑ (244°)	10:21:22	+0:14
	29	07:12 ↑ (116°)	17:34 ↑ (244°)	10:21:39	+0:17
	30	07:12 ↑ (116°)	17:34 ↑ (244°)	10:21:58	+0:19
	31	07:13 ↑ (116°)	17:35 ↑ (244°)	10:22:20	+0:21
	Jan-22	Sunrise	Sunset	Length	Diff.
	1	07:13 ↑ (116°)	17:36 ↑ (244°)	10:22:45	+0:24
	2	07:13 ↑ (116°)	17:36 ↑ (244°)	10:23:11	+0:26

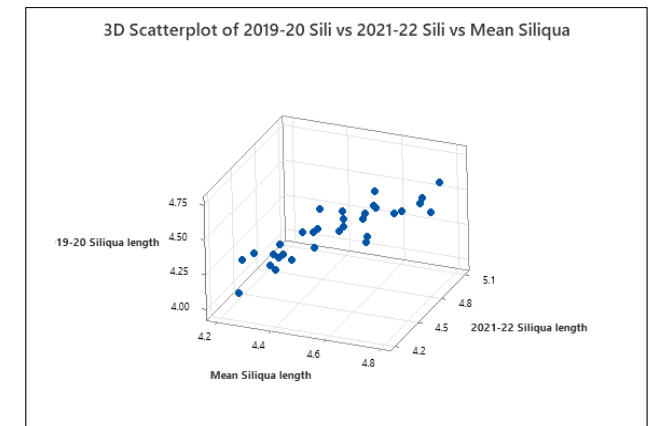
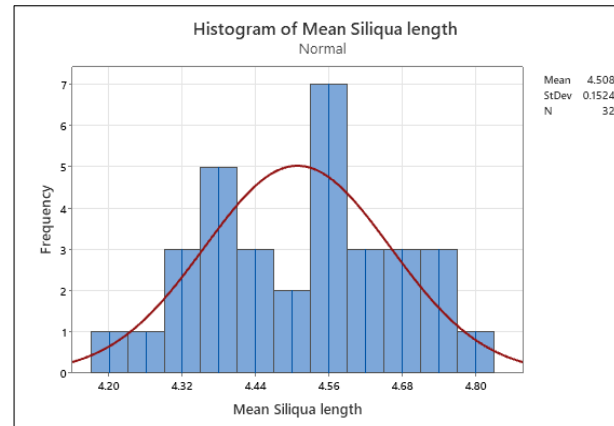
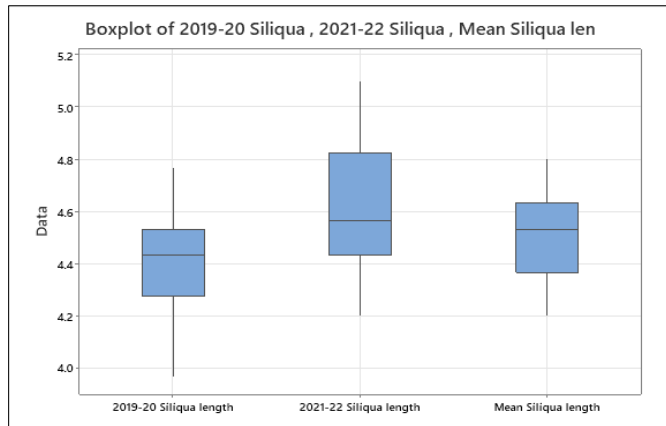
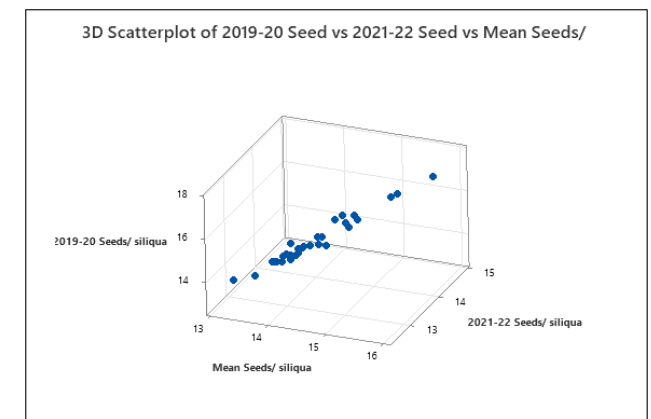
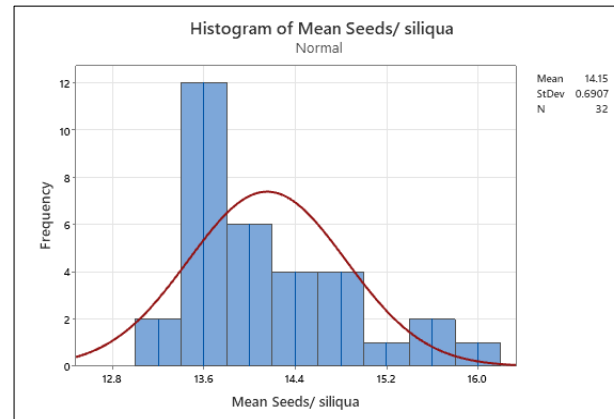
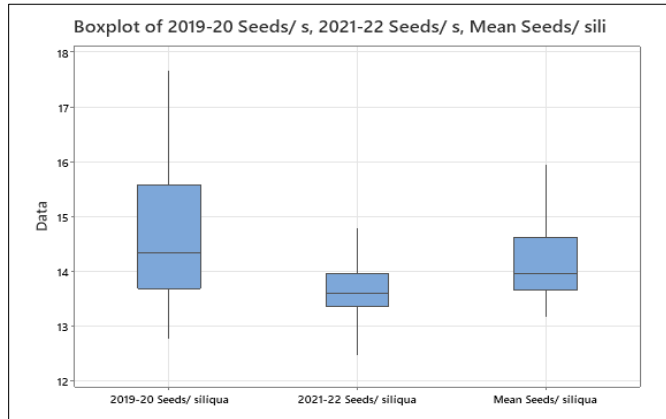
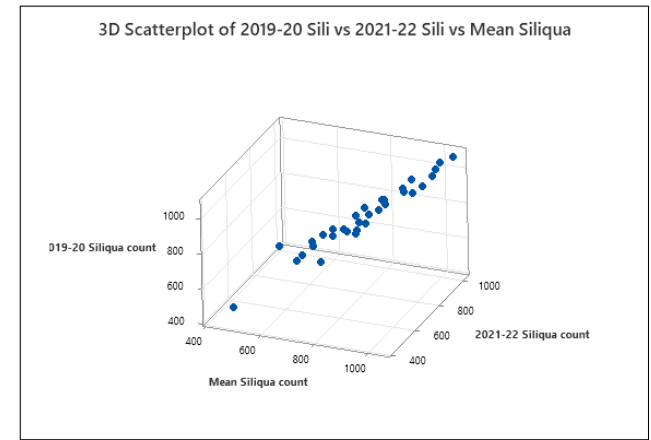
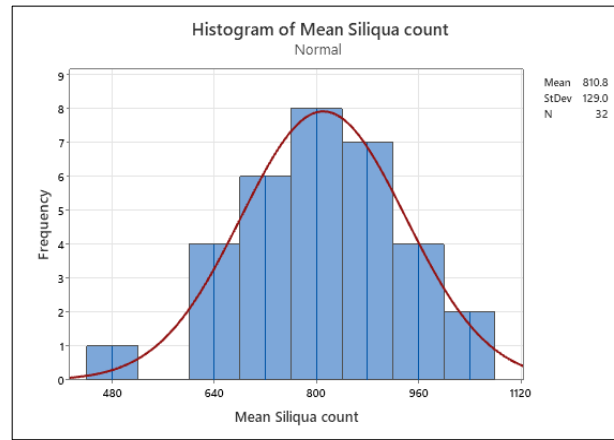
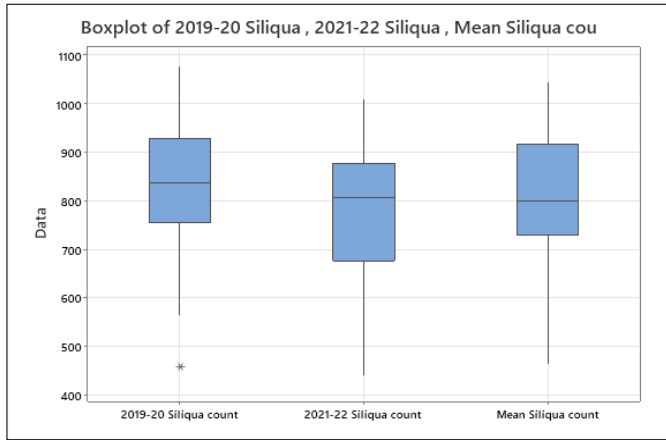
1	3	07:13 ↑ (116°)	17:37 ↑ (244°)	10:23:40	+0:28
	4	07:13 ↑ (116°)	17:38 ↑ (244°)	10:24:11	+0:31
	5	07:14 ↑ (115°)	17:38 ↑ (245°)	10:24:45	+0:33
	6	07:14 ↑ (115°)	17:39 ↑ (245°)	10:25:20	+0:35
	7	07:14 ↑ (115°)	17:40 ↑ (245°)	10:25:58	+0:37
	8	07:14 ↑ (115°)	17:41 ↑ (245°)	10:26:38	+0:39
	9	07:14 ↑ (115°)	17:41 ↑ (245°)	10:27:20	+0:42
2	10	07:14 ↑ (115°)	17:42 ↑ (245°)	10:28:04	+0:44
	11	07:14 ↑ (114°)	17:43 ↑ (246°)	10:28:50	+0:46
	12	07:14 ↑ (114°)	17:44 ↑ (246°)	10:29:39	+0:48
	13	07:14 ↑ (114°)	17:45 ↑ (246°)	10:30:29	+0:50
	14	07:14 ↑ (114°)	17:45 ↑ (246°)	10:31:21	+0:52
	15	07:14 ↑ (114°)	17:46 ↑ (246°)	10:32:15	+0:54
	16	07:14 ↑ (114°)	17:47 ↑ (247°)	10:33:11	+0:55
3	17	07:14 ↑ (113°)	17:48 ↑ (247°)	10:34:08	+0:57
	18	07:14 ↑ (113°)	17:49 ↑ (247°)	10:35:08	+0:59
	19	07:13 ↑ (113°)	17:50 ↑ (247°)	10:36:09	+1:01
	20	07:13 ↑ (113°)	17:50 ↑ (248°)	10:37:12	+1:02
	21	07:13 ↑ (112°)	17:51 ↑ (248°)	10:38:16	+1:04
	22	07:13 ↑ (112°)	17:52 ↑ (248°)	10:39:22	+1:06
	23	07:12 ↑ (112°)	17:53 ↑ (248°)	10:40:30	+1:07
4	24	07:12 ↑ (112°)	17:54 ↑ (249°)	10:41:39	+1:09
	25	07:12 ↑ (111°)	17:54 ↑ (249°)	10:42:50	+1:10
	26	07:11 ↑ (111°)	17:55 ↑ (249°)	10:44:02	+1:12
	27	07:11 ↑ (111°)	17:56 ↑ (249°)	10:45:16	+1:13
	28	07:10 ↑ (110°)	17:57 ↑ (250°)	10:46:31	+1:14
	29	07:10 ↑ (110°)	17:58 ↑ (250°)	10:47:47	+1:16
	30	07:10 ↑ (110°)	17:59 ↑ (250°)	10:49:05	+1:17
5	31	07:09 ↑ (109°)	17:59 ↑ (251°)	10:50:23	+1:18
	Feb-22	Sunrise	Sunset	Length	Diff.

	1	07:09 ↑ (109°)	18:00 ↑ (251°)	10:51:43	+1:19
	2	07:08 ↑ (109°)	18:01 ↑ (251°)	10:53:04	+1:21
	3	07:07 ↑ (108°)	18:02 ↑ (252°)	10:54:27	+1:22
	4	07:07 ↑ (108°)	18:03 ↑ (252°)	10:55:50	+1:23
	5	07:06 ↑ (108°)	18:03 ↑ (252°)	10:57:14	+1:24
	6	07:06 ↑ (107°)	18:04 ↑ (253°)	10:58:39	+1:25
6	7	07:05 ↑ (107°)	18:05 ↑ (253°)	11:00:06	+1:26
	8	07:04 ↑ (107°)	18:06 ↑ (253°)	11:01:33	+1:27
	9	07:04 ↑ (106°)	18:07 ↑ (254°)	11:03:01	+1:28
	10	07:03 ↑ (106°)	18:07 ↑ (254°)	11:04:30	+1:28
	11	07:02 ↑ (106°)	18:08 ↑ (255°)	11:06:00	+1:29
	12	07:01 ↑ (105°)	18:09 ↑ (255°)	11:07:30	+1:30
	13	07:01 ↑ (105°)	18:10 ↑ (255°)	11:09:01	+1:31
7	14	07:00 ↑ (104°)	18:10 ↑ (256°)	11:10:33	+1:31
	15	06:59 ↑ (104°)	18:11 ↑ (256°)	11:12:06	+1:32
	16	06:58 ↑ (104°)	18:12 ↑ (257°)	11:13:39	+1:33
	17	06:57 ↑ (103°)	18:12 ↑ (257°)	11:15:13	+1:33
	18	06:56 ↑ (103°)	18:13 ↑ (257°)	11:16:48	+1:34
	19	06:55 ↑ (102°)	18:14 ↑ (258°)	11:18:23	+1:35
	20	06:55 ↑ (102°)	18:15 ↑ (258°)	11:19:59	+1:35
8	21	06:54 ↑ (102°)	18:15 ↑ (259°)	11:21:35	+1:36
	22	06:53 ↑ (101°)	18:16 ↑ (259°)	11:23:11	+1:36
	23	06:52 ↑ (101°)	18:17 ↑ (259°)	11:24:49	+1:37
	24	06:51 ↑ (100°)	18:17 ↑ (260°)	11:26:26	+1:37
	25	06:50 ↑ (100°)	18:18 ↑ (260°)	11:28:04	+1:38
	26	06:49 ↑ (100°)	18:19 ↑ (261°)	11:29:43	+1:38
	27	06:48 ↑ (99°)	18:19 ↑ (261°)	11:31:21	+1:38
9	28	06:47 ↑ (99°)	18:20 ↑ (262°)	11:33:01	+1:39
	Mar-22	Sunrise	Sunset	Length	Diff.
	1	06:46 ↑ (98°)	18:21 ↑ (262°)	11:34:40	+1:39

	2	06:45 ↑ (98°)	18:21 ↑ (262°)	11:36:20	+1:39
	3	06:44 ↑ (97°)	18:22 ↑ (263°)	11:38:00	+1:40
	4	06:43 ↑ (97°)	18:22 ↑ (263°)	11:39:40	+1:40
	5	06:42 ↑ (97°)	18:23 ↑ (264°)	11:41:21	+1:40
	6	06:41 ↑ (96°)	18:24 ↑ (264°)	11:43:02	+1:40
10	7	06:40 ↑ (96°)	18:24 ↑ (265°)	11:44:43	+1:41
	8	06:39 ↑ (95°)	18:25 ↑ (265°)	11:46:24	+1:41
	9	06:37 ↑ (95°)	18:26 ↑ (265°)	11:48:06	+1:41
	10	06:36 ↑ (94°)	18:26 ↑ (266°)	11:49:47	+1:41
	11	06:35 ↑ (94°)	18:27 ↑ (266°)	11:51:29	+1:41
	12	06:34 ↑ (93°)	18:27 ↑ (267°)	11:53:11	+1:41
	13	06:33 ↑ (93°)	18:28 ↑ (267°)	11:54:53	+1:41
11	14	06:32 ↑ (93°)	18:28 ↑ (268°)	11:56:35	+1:41
	15	06:31 ↑ (92°)	18:29 ↑ (268°)	11:58:17	+1:42
	16	06:30 ↑ (92°)	18:30 ↑ (269°)	11:59:59	+1:42
	17	06:28 ↑ (91°)	18:30 ↑ (269°)	12:01:41	+1:42
	18	06:27 ↑ (91°)	18:31 ↑ (270°)	12:03:23	+1:42
	19	06:26 ↑ (90°)	18:31 ↑ (270°)	12:05:05	+1:42
	20	06:25 ↑ (90°)	18:32 ↑ (270°)	12:06:47	+1:42
12	21	06:24 ↑ (89°)	18:32 ↑ (271°)	12:08:30	+1:42
	22	06:23 ↑ (89°)	18:33 ↑ (271°)	12:10:12	+1:42
	23	06:22 ↑ (88°)	18:33 ↑ (272°)	12:11:54	+1:42
	24	06:20 ↑ (88°)	18:34 ↑ (272°)	12:13:36	+1:42
	25	06:19 ↑ (88°)	18:35 ↑ (273°)	12:15:18	+1:42
	26	06:18 ↑ (87°)	18:35 ↑ (273°)	12:17:00	+1:41
	27	06:17 ↑ (87°)	18:36 ↑ (274°)	12:18:42	+1:41
13	28	06:16 ↑ (86°)	18:36 ↑ (274°)	12:20:24	+1:41
	29	06:15 ↑ (86°)	18:37 ↑ (274°)	12:22:05	+1:41
	30	06:14 ↑ (85°)	18:37 ↑ (275°)	12:23:47	+1:41
	31	06:12 ↑ (85°)	18:38 ↑ (275°)	12:25:28	+1:41
	Apr-22	Sunrise	Sunset	Length	Diff.

	1	06:11 ↑ (84°)	18:38 ↑ (276°)	12:27:09	+1:41
	2	06:10 ↑ (84°)	18:39 ↑ (276°)	12:28:50	+1:40
	3	06:09 ↑ (84°)	18:40 ↑ (277°)	12:30:31	+1:40
14	4	06:08 ↑ (83°)	18:40 ↑ (277°)	12:32:11	+1:40
	5	06:07 ↑ (83°)	18:41 ↑ (277°)	12:33:52	+1:40
	6	06:06 ↑ (82°)	18:41 ↑ (278°)	12:35:32	+1:39
	7	06:05 ↑ (82°)	18:42 ↑ (278°)	12:37:11	+1:39
	8	06:03 ↑ (81°)	18:42 ↑ (279°)	12:38:51	+1:39
	9	06:02 ↑ (81°)	18:43 ↑ (279°)	12:40:30	+1:39
	10	06:01 ↑ (81°)	18:43 ↑ (280°)	12:42:08	+1:38
15	11	06:00 ↑ (80°)	18:44 ↑ (280°)	12:43:47	+1:38
	12	05:59 ↑ (80°)	18:44 ↑ (280°)	12:45:25	+1:37
	13	05:58 ↑ (79°)	18:45 ↑ (281°)	12:47:02	+1:37
	14	05:57 ↑ (79°)	18:46 ↑ (281°)	12:48:39	+1:37
	15	05:56 ↑ (79°)	18:46 ↑ (282°)	12:50:16	+1:36
	16	05:55 ↑ (78°)	18:47 ↑ (282°)	12:51:52	+1:36
	17	05:54 ↑ (78°)	18:47 ↑ (283°)	12:53:28	+1:35
16	18	05:53 ↑ (77°)	18:48 ↑ (283°)	12:55:03	+1:35
	19	05:52 ↑ (77°)	18:48 ↑ (283°)	12:56:38	+1:34
	20	05:51 ↑ (77°)	18:49 ↑ (284°)	12:58:12	+1:34
	21	05:50 ↑ (76°)	18:50 ↑ (284°)	12:59:46	+1:33
	22	05:49 ↑ (76°)	18:50 ↑ (284°)	13:01:19	+1:33
	23	05:48 ↑ (75°)	18:51 ↑ (285°)	13:02:51	+1:32
	24	05:47 ↑ (75°)	18:51 ↑ (285°)	13:04:23	+1:31
17	25	05:46 ↑ (75°)	18:52 ↑ (286°)	13:05:54	+1:31
	26	05:45 ↑ (74°)	18:52 ↑ (286°)	13:07:25	+1:30
	27	05:44 ↑ (74°)	18:53 ↑ (286°)	13:08:54	+1:29
	28	05:43 ↑ (73°)	18:54 ↑ (287°)	13:10:23	+1:28
	29	05:42 ↑ (73°)	18:54 ↑ (287°)	13:11:51	+1:28
	30	05:42 ↑ (73°)	18:55 ↑ (287°)	13:13:19	+1:27

Supplementary Figure



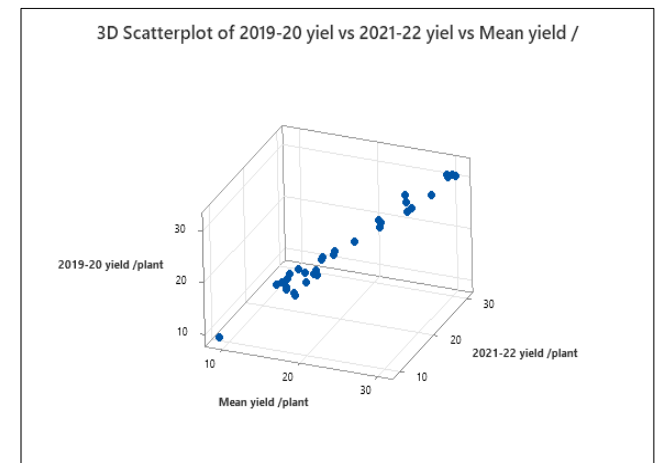
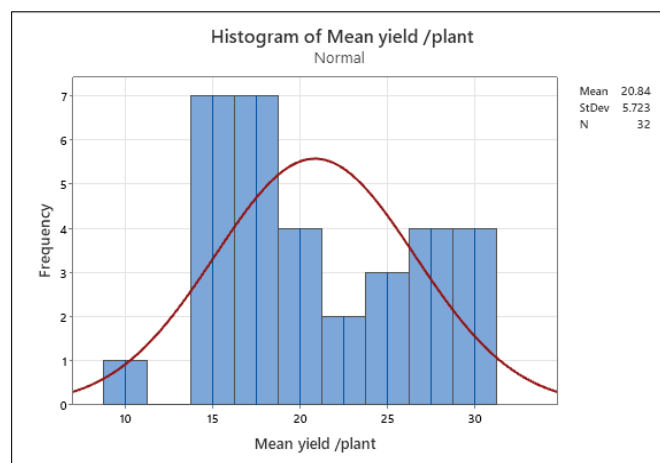
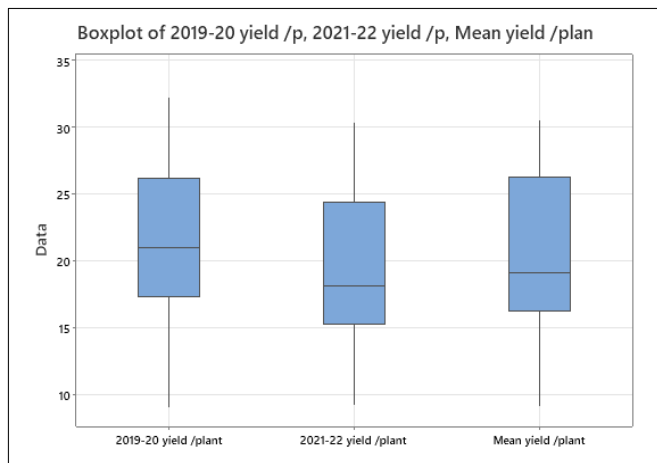
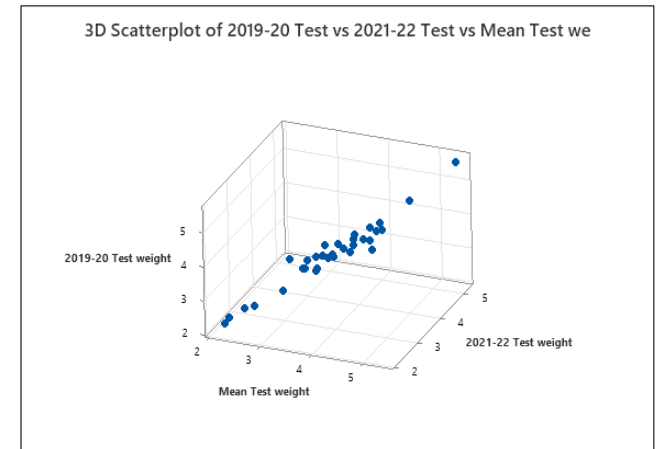
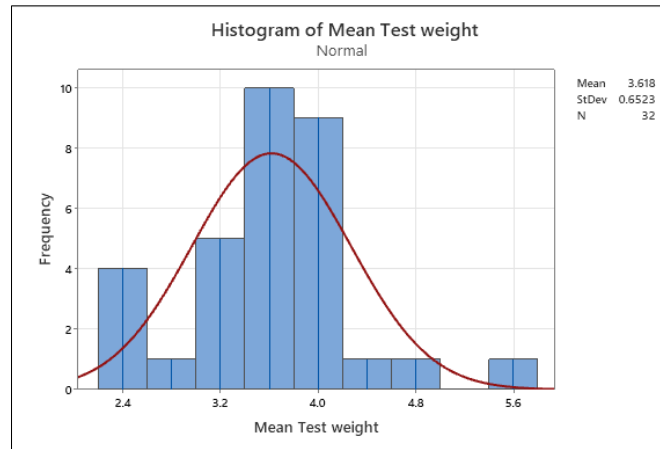
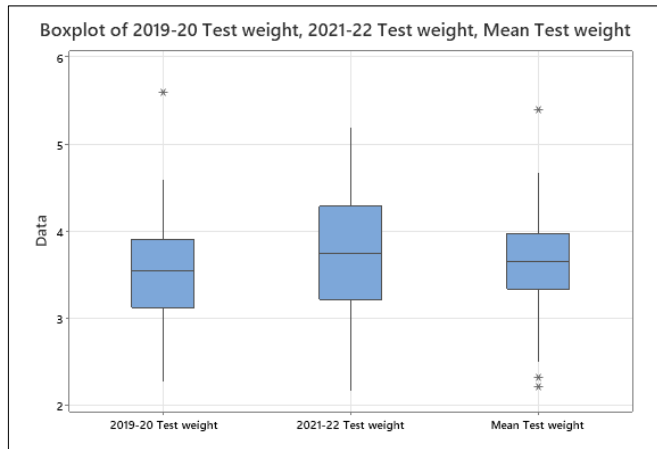


Figure 1. Boxplot, histogram and 3D scatterplot of year 2019-20 and 2021-22 for number of siliqua per plant, siliqua length (cm), seeds per siliqua, test weight (g) and yield per plant (g) of Indian mustard.