Table 1. Primary data for seedling height (HT)

subid	group	time	species	HT (cm)
1	WS	pre	QA	114.90
2	WS	pre	QA	142.25
3	WS	pre	QA	110.65
4	WS	pre	QA	109.30
5	WS	pre	QA	141.90
6	WS	pre	QA	104.00
7	WS	pre	QA	107.20
8	WS	pre	QA	121.30
9	WS	pre	QA	125.45
10	WS	pre	QA	107.15
11	WW	pre	QA	113.45
12	WW	pre	QA	109.85
13	WW	pre	QA	128.70
14	WW	pre	QA	138.75
15	WW	pre	QA	117.15
16	WW	pre	QA	82.35
17	WW	pre	QA	151.65
18	WW	pre	QA	122.30
19	WW	pre	QA	127.95
20	WW	pre	QA	106.35
1	WS	first	QA	132.45
2	WS	first	QA	142.90
3	WS	first	QA	118.90
4	WS	first	QA	115.10
5	WS	first	QA	145.65
6	WS	first	QA	104.90
7	WS	first	QA	108.00
8	WS	first	QA	123.00
9	WS	first	QA	141.35
10	WS	first	QA	112.00
11	WW	first	QA	116.60
12	WW	first	QA	115.70
13	WW	first	QA	132.00
14	WW	first	QA	134.25
15	WW	first	QA	131.75
16	WW	first	QA	140.25
17	WW	first	QA	162.50
18	WW	first	QA	123.00
19	WW	first	QA	127.55

subid	group	time	species	HT (cm)
20	WW	first	QA	108.75
1	WS	second	QA	133.05
2	WS	second	QA	143.25
3	WS	second	QA	119.55
4	WS	second	QA	119.60
5	WS	second	QA	149.80
6	WS	second	QA	105.25
7	WS	second	QA	108.00
8	WS	second	QA	123.00
9	WS	second	QA	141.35
10	WS	second	QA	112.05
11	WW	second	QA	127.10
12	WW	second	QA	116.00
13	WW	second	QA	132.00
14	WW	second	QA	143.05
15	WW	second	QA	130.75
16	WW	second	QA	141.15
17	WW	second	QA	162.50
18	WW	second	QA	123.25
19	WW	second	QA	127.60
20	WW	second	QA	108.90
1	WS	third	QA	133.05
2	WS	third	QA	143.60
3	WS	third	QA	120.50
4	WS	third	QA	120.15
5	WS	third	QA	158.75
6	WS	third	QA	105.60
7	WS	third	QA	108.00
8	WS	third	QA	123.00
9	WS	third	QA	141.35
10	WS	third	QA	112.10
11	WW	third	QA	127.95
12	WW	third	QA	116.30
13	WW	third	QA	132.00
14	WW	third	QA	151.85
15	WW	third	QA	129.75
16	WW	third	QA	142.05
17	WW	third	QA	162.50
18	WW	third	QA	123.50
19	WW	third	QA	127.65
20	WW	third	QA	109.05

subid	group	time	species	HT (cm)
1	WS	fourth	QA	133.94
2	WS	fourth	QA	144.55
3	WS	fourth	QA	121.30
4	WS	fourth	QA	120.94
5	WS	fourth	QA	159.80
6	WS	fourth	QA	106.46
7	WS	fourth	QA	108.73
8	WS	fourth	QA	123.90
9	WS	fourth	QA	142.35
10	WS	fourth	QA	112.78
11	WW	fourth	QA	129.21
12	WW	fourth	QA	117.45
13	WW	fourth	QA	133.31
14	WW	fourth	QA	153.36
15	WW	fourth	QA	131.04
16	WW	fourth	QA	143.46
17	WW	fourth	QA	164.12
18	WW	fourth	QA	124.73
19	WW	fourth	QA	128.92
20	WW	fourth	QA	110.13
1	WS	fifth	QA	134.72
2	WS	fifth	QA	145.47
3	WS	fifth	QA	121.99
4	WS	fifth	QA	121.63
5	WS	fifth	QA	160.81
6	WS	fifth	QA	107.09
7	WS	fifth	QA	109.37
8	WS	fifth	QA	124.63
9	WS	fifth	QA	143.18
10	WS	fifth	QA	113.44
11	WW	fifth	QA	130.66
12	WW	fifth	QA	118.56
13	WW	fifth	QA	134.53
14	WW	fifth	QA	154.55
15	WW	fifth	QA	132.37
16	WW	fifth	QA	144.99
17	WW	fifth	QA	165.99
18	WW	fifth	QA	125.95
19	WW	fifth	QA	129.93
20	WW	fifth	QA	111.22
1	WS	sixth	QA	135.01

subid	group	time	species	HT (cm)
2	WS	sixth	QA	145.88
3	WS	sixth	QA	122.17
4	WS	sixth	QA	121.82
5	WS	sixth	QA	161.32
6	WS	sixth	QA	107.23
7	WS	sixth	QA	109.50
8	WS	sixth	QA	124.78
9	WS	sixth	QA	143.50
10	WS	sixth	QA	113.60
11	WW	sixth	QA	132.89
12	WW	sixth	QA	120.25
13	WW	sixth	QA	136.41
14	WW	sixth	QA	156.38
15	WW	sixth	QA	134.42
16	WW	sixth	QA	148.84
17	WW	sixth	QA	168.86
18	WW	sixth	QA	127.82
19	WW	sixth	QA	131.48
20	WW	sixth	QA	112.65
1	WS	seventh	QA	135.01
2	WS	seventh	QA	145.89
3	WS	seventh	QA	122.17
4	WS	seventh	QA	121.85
5	WS	seventh	QA	161.33
6	WS	seventh	QA	107.23
7	WS	seventh	QA	109.50
8	WS	seventh	QA	123.31
9	WS	seventh	QA	143.52
10	WS	seventh	QA	113.64
11	WW	seventh	QA	135.02
12	WW	seventh	QA	121.84
13	WW	seventh	QA	138.18
14	WW	seventh	QA	158.11
15	WW	seventh	QA	136.37
16	WW	seventh	QA	152.59
17	WW	seventh	QA	171.64
18	WW	seventh	QA	129.60
19	WW	seventh	QA	132.93
20	WW	seventh	QA	113.98
1	WS	eight	QA	135.02
2	WS	eight	QA	145.89

subid	group	time	species	HT (cm)
3	WS	eight	QA	122.17
4	WS	eight	QA	121.85
5	WS	eight	QA	161.33
6	WS	eight	QA	107.27
7	WS	eight	QA	109.50
8	WS	eight	QA	123.35
9	WS	eight	QA	143.52
10	WS	eight	QA	113.66
11	WW	eight	QA	137.26
12	WW	eight	QA	123.86
13	WW	eight	QA	140.48
14	WW	eight	QA	160.75
15	WW	eight	QA	138.64
16	WW	eight	QA	155.13
17	WW	eight	QA	174.49
18	WW	eight	QA	131.75
19	WW	eight	QA	135.15
20	WW	eight	QA	115.88
1	WS	pre	QS	107.90
2	WS	pre	QS	103.70
3	WS	pre	QS	140.90
4	WS	pre	QS	114.55
5	WS	pre	QS	177.95
6	WS	pre	QS	141.25
7	WS	pre	QS	127.75
8	WS	pre	QS	108.30
9	WS	pre	QS	101.70
10	WS	pre	QS	149.60
11	WW	pre	QS	122.25
12	WW	pre	QS	94.35
13	WW	pre	QS	167.25
14	WW	pre	QS	136.45
15	WW	pre	QS	141.90
16	WW	pre	QS	150.25
17	WW	pre	QS	115.90
18	WW	pre	QS	131.05
19	WW	pre	QS	116.20
20	WW	pre	QS	126.50
1	WS	first	QS	115.80
2	WS	first	QS	127.78
3	WS	first	QS	141.60

subid	group	time	species	HT (cm)
4	WS	first	QS	149.75
5	WS	first	QS	184.00
6	WS	first	QS	155.00
7	WS	first	QS	134.30
8	WS	first	QS	125.45
9	WS	first	QS	128.70
10	WS	first	QS	151.75
11	WW	first	QS	143.40
12	WW	first	QS	113.85
13	WW	first	QS	173.50
14	WW	first	QS	136.80
15	WW	first	QS	153.65
16	WW	first	QS	186.50
17	WW	first	QS	134.98
18	WW	first	QS	135.35
19	WW	first	QS	135.75
20	WW	first	QS	163.80
1	WS	second	QS	116.90
2	WS	second	QS	130.70
3	WS	second	QS	143.45
4	WS	second	QS	163.35
5	WS	second	QS	190.00
6	WS	second	QS	168.40
7	WS	second	QS	135.15
8	WS	second	QS	125.70
9	WS	second	QS	129.15
10	WS	second	QS	152.75
11	WW	second	QS	153.70
12	WW	second	QS	115.65
13	WW	second	QS	174.25
14	WW	second	QS	136.80
15	WW	second	QS	157.40
16	WW	second	QS	189.25
17	WW	second	QS	138.30
18	WW	second	QS	135.80
19	WW	second	QS	136.50
20	WW	second	QS	164.20
1	WS	third	QS	121.90
2	WS	third	QS	132.80
3	WS	third	QS	155.90
4	WS	third	QS	168.50

subid	group	time	species	HT (cm)
5	WS	third	QS	185.55
6	WS	third	QS	181.80
7	WS	third	QS	136.00
8	WS	third	QS	125.95
9	WS	third	QS	129.60
10	WS	third	QS	153.75
11	WW	third	QS	153.85
12	WW	third	QS	118.25
13	WW	third	QS	175.00
14	WW	third	QS	136.80
15	WW	third	QS	161.15
16	WW	third	QS	192.00
17	WW	third	QS	141.63
18	WW	third	QS	136.25
19	WW	third	QS	137.25
20	WW	third	QS	164.60
1	WS	fourth	QS	122.71
2	WS	fourth	QS	133.69
3	WS	fourth	QS	156.94
4	WS	fourth	QS	169.62
5	WS	fourth	QS	186.79
6	WS	fourth	QS	182.86
7	WS	fourth	QS	136.83
8	WS	fourth	QS	126.98
9	WS	fourth	QS	130.49
10	WS	fourth	QS	154.88
11	WW	fourth	QS	155.38
12	WW	fourth	QS	119.43
13	WW	fourth	QS	176.74
14	WW	fourth	QS	138.16
15	WW	fourth	QS	162.75
16	WW	fourth	QS	193.91
17	WW	fourth	QS	143.03
18	WW	fourth	QS	137.60
19	WW	fourth	QS	138.61
20	WW	fourth	QS	166.24
1	WS	fifth	QS	123.52
2	WS	fifth	QS	134.53
3	WS	fifth	QS	157.78
4	WS	fifth	QS	170.61
5	WS	fifth	QS	187.91

subid	group	time	species	HT (cm)
6	WS	fifth	QS	183.92
7	WS	fifth	QS	137.62
8	WS	fifth	QS	127.71
9	WS	fifth	QS	131.24
10	WS	fifth	QS	155.78
11	WW	fifth	QS	156.64
12	WW	fifth	QS	120.71
13	WW	fifth	QS	178.71
14	WW	fifth	QS	139.60
15	WW	fifth	QS	164.42
16	WW	fifth	QS	195.86
17	WW	fifth	QS	144.56
18	WW	fifth	QS	138.98
19	WW	fifth	QS	139.76
20	WW	fifth	QS	167.75
1	WS	sixth	QS	123.84
2	WS	sixth	QS	134.88
3	WS	sixth	QS	158.13
4	WS	sixth	QS	171.10
5	WS	sixth	QS	188.54
6	WS	sixth	QS	184.48
7	WS	sixth	QS	137.92
8	WS	sixth	QS	127.95
9	WS	sixth	QS	131.49
10	WS	sixth	QS	156.18
11	WW	sixth	QS	158.57
12	WW	sixth	QS	122.67
13	WW	sixth	QS	181.26
14	WW	sixth	QS	141.81
15	WW	sixth	QS	166.80
16	WW	sixth	QS	198.86
17	WW	sixth	QS	146.64
18	WW	sixth	QS	141.10
19	WW	sixth	QS	141.53
20	WW	sixth	QS	169.87
1	WS	seventh	QS	123.91
2	WS	seventh	QS	135.13
3	WS	seventh	QS	158.65
4	WS	seventh	QS	171.26
5	WS	seventh	QS	189.01
6	WS	seventh	QS	184.62

subid	group	time	species	HT (cm)
7	WS	seventh	QS	138.19
8	WS	seventh	QS	128.19
9	WS	seventh	QS	131.64
10	WS	seventh	QS	156.58
11	WW	seventh	QS	160.40
12	WW	seventh	QS	124.53
13	WW	seventh	QS	183.71
14	WW	seventh	QS	143.93
15	WW	seventh	QS	169.07
16	WW	seventh	QS	201.76
17	WW	seventh	QS	148.61
18	WW	seventh	QS	143.12
19	WW	seventh	QS	143.19
20	WW	seventh	QS	171.89
1	WS	eight	QS	124.48
2	WS	eight	QS	135.89
3	WS	eight	QS	159.43
4	WS	eight	QS	171.94
5	WS	eight	QS	189.63
6	WS	eight	QS	185.22
7	WS	eight	QS	139.42
8	WS	eight	QS	129.11
9	WS	eight	QS	132.58
10	WS	eight	QS	157.47
11	WW	eight	QS	163.07
12	WW	eight	QS	126.60
13	WW	eight	QS	186.77
14	WW	eight	QS	146.32
15	WW	eight	QS	171.88
16	WW	eight	QS	205.12
17	WW	eight	QS	151.08
18	WW	eight	QS	145.50
19	WW	eight	QS	145.58
20	WW	eight	QS	174.75
1	WS	pre	BS	103.25
2	WS	pre	BS	154.15
3	WS	pre	BS	130.90
4	WS	pre	BS	115.55
5	WS	pre	BS	153.55
6	WS	pre	BS	135.20
7	WS	pre	BS	82.80

subid	group	time	species	HT (cm)
8	WS	pre	BS	136.50
9	WS	pre	BS	143.65
10	WS	pre	BS	148.20
11	WW	pre	BS	146.40
12	WW	pre	BS	133.60
13	WW	pre	BS	145.30
14	WW	pre	BS	131.45
15	WW	pre	BS	100.40
16	WW	pre	BS	133.25
17	WW	pre	BS	147.10
18	WW	pre	BS	128.30
19	WW	pre	BS	113.10
20	WW	pre	BS	146.40
1	WS	first	BS	111.05
2	WS	first	BS	171.00
3	WS	first	BS	148.25
4	WS	first	BS	127.00
5	WS	first	BS	169.25
6	WS	first	BS	155.90
7	WS	first	BS	83.50
8	WS	first	BS	149.45
9	WS	first	BS	162.00
10	WS	first	BS	157.95
11	WW	first	BS	173.40
12	WW	first	BS	144.40
13	WW	first	BS	167.55
14	WW	first	BS	149.45
15	WW	first	BS	119.75
16	WW	first	BS	151.90
17	WW	first	BS	167.00
18	WW	first	BS	147.15
19	WW	first	BS	122.65
20	WW	first	BS	167.65
1	WS	second	BS	114.05
2	WS	second	BS	177.20
3	WS	second	BS	150.70
4	WS	second	BS	135.65
5	WS	second	BS	159.40
6	WS	second	BS	167.00
7	WS	second	BS	84.20
8	WS	second	BS	156.45

subid	group	time	species	HT (cm)
9	WS	second	BS	172.50
10	WS	second	BS	181.30
11	WW	second	BS	207.50
12	WW	second	BS	149.70
13	WW	second	BS	180.75
14	WW	second	BS	157.00
15	WW	second	BS	127.55
16	WW	second	BS	158.10
17	WW	second	BS	174.95
18	WW	second	BS	156.25
19	WW	second	BS	128.20
20	WW	second	BS	185.50
1	WS	third	BS	114.75
2	WS	third	BS	179.20
3	WS	third	BS	157.10
4	WS	third	BS	140.95
5	WS	third	BS	177.50
6	WS	third	BS	178.10
7	WS	third	BS	84.90
8	WS	third	BS	163.45
9	WS	third	BS	183.00
10	WS	third	BS	204.65
11	WW	third	BS	208.90
12	WW	third	BS	155.00
13	WW	third	BS	193.95
14	WW	third	BS	164.55
15	WW	third	BS	135.35
16	WW	third	BS	164.30
17	WW	third	BS	182.90
18	WW	third	BS	165.35
19	WW	third	BS	133.75
20	WW	third	BS	203.35
1	WS	fourth	BS	115.51
2	WS	fourth	BS	180.39
3	WS	fourth	BS	158.14
4	WS	fourth	BS	141.89
5	WS	fourth	BS	178.68
6	WS	fourth	BS	179.33
7	WS	fourth	BS	85.48
8	WS	fourth	BS	164.54
9	WS	fourth	BS	184.23

subid	group	time	species	HT (cm)
10	WS	fourth	BS	206.00
11	WW	fourth	BS	210.98
12	WW	fourth	BS	156.54
13	WW	fourth	BS	195.88
14	WW	fourth	BS	166.19
15	WW	fourth	BS	136.70
16	WW	fourth	BS	165.93
17	WW	fourth	BS	184.72
18	WW	fourth	BS	167.00
19	WW	fourth	BS	135.08
20	WW	fourth	BS	205.37
1	WS	fifth	BS	116.10
2	WS	fifth	BS	181.52
3	WS	fifth	BS	159.06
4	WS	fifth	BS	142.66
5	WS	fifth	BS	179.73
6	WS	fifth	BS	180.37
7	WS	fifth	BS	85.98
8	WS	fifth	BS	165.50
9	WS	fifth	BS	185.30
10	WS	fifth	BS	207.19
11	WW	fifth	BS	213.11
12	WW	fifth	BS	158.46
13	WW	fifth	BS	197.80
14	WW	fifth	BS	167.88
15	WW	fifth	BS	138.14
16	WW	fifth	BS	167.52
17	WW	fifth	BS	186.76
18	WW	fifth	BS	168.88
19	WW	fifth	BS	136.23
20	WW	fifth	BS	207.18
1	WS	sixth	BS	116.18
2	WS	sixth	BS	182.14
3	WS	sixth	BS	159.47
4	WS	sixth	BS	142.94
5	WS	sixth	BS	180.27
6	WS	sixth	BS	180.91
7	WS	sixth	BS	85.97
8	WS	sixth	BS	165.95
9	WS	sixth	BS	186.17
10	WS	sixth	BS	207.89

subid	group	time	species	HT (cm)
11	WW	sixth	BS	216.38
12	WW	sixth	BS	161.41
13	WW	sixth	BS	200.75
14	WW	sixth	BS	170.48
15	WW	sixth	BS	140.35
16	WW	sixth	BS	169.97
17	WW	sixth	BS	189.40
18	WW	sixth	BS	171.77
19	WW	sixth	BS	137.74
20	WW	sixth	BS	210.07
1	WS	seventh	BS	116.18
2	WS	seventh	BS	182.14
3	WS	seventh	BS	159.47
4	WS	seventh	BS	142.96
5	WS	seventh	BS	180.29
6	WS	seventh	BS	180.92
7	WS	seventh	BS	86.03
8	WS	seventh	BS	165.97
9	WS	seventh	BS	186.17
10	WS	seventh	BS	207.92
11	WW	seventh	BS	219.55
12	WW	seventh	BS	164.26
13	WW	seventh	BS	203.60
14	WW	seventh	BS	172.98
15	WW	seventh	BS	142.47
16	WW	seventh	BS	172.31
17	WW	seventh	BS	191.94
18	WW	seventh	BS	174.56
19	WW	seventh	BS	139.16
20	WW	seventh	BS	211.54
1	WS	eight	BS	116.21
2	WS	eight	BS	182.14
3	WS	eight	BS	159.47
4	WS	eight	BS	142.96
5	WS	eight	BS	180.29
6	WS	eight	BS	180.94
7	WS	eight	BS	86.03
8	WS	eight	BS	165.97
9	WS	eight	BS	186.19
10	WS	eight	BS	207.92
11	WW	eight	BS	223.20

subid	group	time	species	HT (cm)
12	WW	eight	BS	166.99
13	WW	eight	BS	206.99
14	WW	eight	BS	175.84
15	WW	eight	BS	144.84
16	WW	eight	BS	175.18
17	WW	eight	BS	195.12
18	WW	eight	BS	177.46
19	WW	eight	BS	141.48
20	WW	eight	BS	215.07