Appendix 8.2

Physical measurements of canopy area and head diameter for all grids (autumn trial)

Bed No.	Can No.	Plant No.	Canopy area (cm^2) for the Poor-I grid							Head diameter (cm)				
										Poor-1 grid			Poor-2 grid	Control grid
			1/5/07	7/5/07	13/5/07	16/5/07	18/5/07	22/5/07	24/5/07	22/5/07	24/5/07	28/5/07	28/5/07	28/5/07
1	1	1	676.0	841.5	1188.0	1365.0	1487.5	1548.0	1575.0	19.0	19.5	19.5	19.8	19.0
	1	2	504.0	720.0	1287.0	1513.0	1530.0	1530.0	1448.0	18.8	19.3	19.5	20.5	21.5
	2	3	368.0	800.0	1000.5	1343.0	1360.0	1716.0	1716.0	9.5	9.8	13.3	19.3	18.3
	2	4	379.5	841.0	1089.0	1287.0	1248.0	1634.0	1691.0	11.0	11.3	14.5	20.8	15.8
	3	5	361.0	732.0	1106.3	1512.0	1520.0	1628.0	1514.8	13.3	15.0	17.0	15.3	18.5
	3	6	300.0	546.0	1120.0	1386.0	1480.0	1597.5	1575.0	12.0	14.8	15.0	16.3	19.3
	4	7	361.0	737.5	1040.3	1360.0	1428.0	1562.0	1496.5	8.5	9.8	12.0	18.0	12.5
	4	8	300.0	840.0	826.5	948.8	960.0	1159.0	1170.0	10.0	12.3	13.0	17.5	17.8
	5	9	432.0	720.0	980.0	1240.0	1320.0	1540.0	1655.5	14.0	15.0	17.0	17.0	16.8
	5	10	360.0	667.0	1128.5	1404.0	1422.0	1554.0	1575.0	13.0	14.8	17.8	18.3	18.3
	6	11	331.5	858.0	990.0	1275.0	1479.0	1591.0	1634.0			10.0	19.3	18.5
	6	12	407.0	1054.0	986.0	1303.5	1500.8	1633.0	1732.5			10.8	18.5	15.0
2	1	1	399.0	826.0	1135.8	1312.0	1360.0	1333.0	1360.0	17.0	17.8	17.5	20.5	19.3
	1	2	382.5	819.0	1095.0	1202.5	1381.3	1716.0	1639.3	18.0	19.3	19.0	16.0	19.5
	2	3	399.8	667.0	1125.0	1445.0	1615.0	1911.0	1575.0	14.5	16.5	15.8	19.8	18.0
	2	4	512.5	759.0	1216.0	1646.5	1584.0	1728.0	1923.8	14.0	15.8	17.5	23.5	20.5
	3	5	528.0	841.0	1020.0	1120.0	1140.0	1379.5	1317.5	18.8	19.0	19.0	22.0	12.3
	3	6	510.0	720.0	1015.0	1215.0	1189.0	1365.0	1474.0	13.8	17.3	15.8	18.5	16.5
	4	7	240.0	712.5	948.8	1461.5	1521.0	1740.0	1777.5	13.3	15.0	16.5	9.5	18.0
	4	8	427.5	651.0	972.0	1316.3	1483.5	1512.0	1732.5	12.0	12.0	15.8	19.8	14.8
	5	9	393.8	600.0	912.5	1377.0	1540.0	1646.5	1587.8	12.5	15.8	16.3	13.0	15.0
	5	10	400.0	697.0	1221.0	1435.0	1572.5	1596.0	1539.0	8.5	10.8	12.5	15.3	14.8

	6	11	428.8	690.0	1122.0	1365.0	1800.0	1683.5	1741.5	13.5	16.0	19.0	20.0	19.0
	6	12	528.0	682.0	1125.0	1397.3	1716.0	1687.5	1800.0	14.5	18.0	19.5	19.3	18.3
3	1	1	380.0	594.0	1023.0	1280.0	1449.0	1615.0	1612.5	14.5	15.8	18.3	20.3	19.3
	1	2	607.5	852.5	1258.0	1281.0	1566.0	1638.0	1751.8	14.0	16.3	17.5	19.8	19.3
	2	3	502.3	821.5	1106.3	1280.0	1599.0	1505.0	1846.8	16.0	17.0	17.3	19.0	12.8
	2	4	528.0	871.0	999.0	1316.3	1462.0	1856.3	1755.0	15.0	18.8	20.0	18.5	17.5
	3	5	437.0	832.0	1003.0	1332.5	1596.0	1485.0	1732.5	10.5	12.5	16.0	12.5	21.3
	3	6	468.0	658.0	1044.0	1215.0	1209.0	1402.5	1452.0	12.0	16.5	15.0	19.8	19.8
	4	7	506.0	904.5	1147.0	1496.5	1640.0	1740.0	1761.8	14.8	15.8	17.0	20.8	19.8
	4	8	540.5	793.0	907.5	1105.0	1332.0	1147.0	1193.5	18.0	19.0	18.3	20.3	18.3
	5	9	390.0	765.0	1032.5	1380.0	1353.0	1633.0	1720.0	14.3	18.0	17.8	17.3	
	5	10	390.0	783.0	1056.0	1184.0	1320.0	1642.5	1794.0	13.5	13.8	17.3	18.5	
	6	11	552.0	660.0	1072.5	1248.0	1445.0	1620.0	1569.5	15.3	19.0	18.8	19.8	10.3
	6	12	473.0	988.3	1080.0	1369.5	1302.0	1452.0	1468.5	13.8	16.5	19.0	18.0	18.5
4	1	1	460.0	840.8	1080.0	1248.0	1537.5	1505.0	1462.0	10.0	12.3	16.0		18.0
	1	2	351.0	806.0	1156.0	1165.5	1480.0	1512.0	1639.3	12.8	14.0	16.8	20.5	16.0
	2	3	537.5	780.0	988.3	1307.3	1533.0	1474.0	1698.5	11.5	11.5	14.3	19.8	15.8
	2	4	440.0	765.0	1035.0	1291.5	1606.0	1612.5	1735.5	12.0	13.3	16.3	17.3	12.3
	3	5	451.0	848.0	1082.8	1260.0	1496.0	1530.0	1575.0	13.8	16.5	17.0	19.8	14.8
	3	6	506.0	800.0	1178.0	1273.0	1518.0	1609.5	1655.5	8.8	11.3	12.8	12.8	18.3
	4	7	408.5	754.0	1017.8	1369.0	1463.0	1533.0	1617.0	9.3	10.5	11.5	10.0	17.8
	4	8	418.0	900.0	1188.0	1483.5	1311.0	1505.0	1672.0	8.5	12.8	12.8	17.3	19.8
	5	9	390.0	621.0	918.0	1193.5	1235.0	1300.0	1548.0	5.0	7.5	9.0	16.8	16.0
	5	10	323.8	620.0	962.0	1320.0	1369.5	1474.0	1774.5	6.8	9.0	9.5	20.8	18.8
	6	11	529.0	795.0	1040.0	1482.0	1539.0	1498.5	1698.5	7.0	9.8	11.0	20.5	7.8
	6	12	429.0	868.0	1067.5	1476.0	1526.5	1386.0	1755.0	7.5	9.5	10.0	5.0	11.0
5	1	1	462.3	795.0	1273.0	1445.0	1526.5	1419.0	1729.0	8.5	11.8	16.5	6.0	17.8
	1	2	458.3	768.0	997.5	1417.5	1470.0	1692.0	1687.5	11.0	15.0	16.8	17.0	17.3
	2	3	514.5	924.0	1023.0	1340.0	1440.0	1400.0	1631.3	16.3	17.0	14.8	18.3	16.0
	2	4	526.5	858.0	1073.0	1121.0	1365.0	1328.0	1382.5	15.5	16.3	18.3	17.5	18.3
	3	5	380.0	840.8	1032.5	1295.0	1402.3	1320.0	1360.0	13.5	14.3	16.5	20.3	16.8

	3	6	423.0	732.0	1050.0	1188.0	1394.0	1452.5	1657.5	11.5	12.3	15.3	20.8	8.5
	4	7	420.0	868.0	960.0	1368.0	1533.0	1533.0	1612.5	9.0	10.3	11.0	19.8	19.0
	4	8	575.0	924.0	942.5	1228.5	1407.0	1474.0	1526.5	9.0	7.0	13.5	20.3	17.8
	5	9	481.8	914.5	1089.0	1254.0	1491.0	1678.8	1722.0	2.3	4.3	8.0	20.5	17.3
	5	10	494.5	870.0	1032.5	999.0	900.0	969.0	912.0	11.3	11.8	0.0	20.3	13.5
	6	11	430.5	702.0	971.5	1275.0	1343.0	1517.0	1577.0	12.8	13.5	15.5	17.8	17.0
	6	12	357.0	667.0	910.0	1125.0	1202.5	1380.0	1184.0	10.9	12.0	12.5	18.0	14.8
6	1	1	430.0	1069.5	1296.0	1419.0	1402.5	1557.8	1496.0	14.5	15.3	18.5	17.8	19.8
	1	2	540.0	891.0	1128.5	1260.0	1462.0	1530.0	1500.8	13.0	13.8	16.3	20.5	15.5
	2	3	480.0	819.0	1050.0	1271.0	1440.0	1818.8	1881.0	13.5	13.3	16.8	16.3	19.5
	2	4	348.8	649.0	997.5	1184.0	1386.0	1328.0	1348.8	11.3	11.3	15.0	18.0	15.5
	3	5	484.0	850.5	1168.0	1404.0	1575.0	1473.3	1591.0	11.0	13.0	15.8	21.3	20.8
	3	6	461.3	762.5	1122.0	1320.0	1554.0	1569.5	1587.0	14.8	15.0	18.5	19.3	15.0
	4	7	483.8	777.8	1072.5	1330.0	1520.0	1440.0	1505.0	14.0	14.8	18.5	16.5	13.3
	4	8	419.3	754.0	940.5	1283.8	1460.0	1470.0	1639.3	10.3	11.5	14.0	11.8	19.3
	5	9	462.3	754.0	1139.0	1420.0	1537.5	1572.5	1694.0	13.5	14.3	16.3	19.5	15.5
	5	10	540.5	720.0	1159.0	1513.0	1638.0	1612.5	1860.0	7.5	8.3	12.0	17.0	13.5
	6	11	360.8	793.0	1113.3	1239.5	1700.0	1535.3	1560.0	11.0	13.3	13.3	20.3	17.5
	6	12	576.0	808.3	999.0	1203.5	1501.0	1540.0	1275.8	11.5	10.3	12.8	19.8	16.0
7	1	1	563.5	870.3	1050.0	1110.0	1320.0	1440.0	1599.8	17.8	20.0	19.8	15.3	20.3
	1	2	471.8	952.0	1155.8	1147.0	1330.0	1402.3	1560.0	20.3	19.8	20.0	19.8	18.3
	2	3	563.5	936.0	1200.0	1518.0	1552.5	1578.5	1620.0	20.5	20.8	21.8	22.0	18.5
	2	4	561.0	1044.0	1347.5	1386.0	1597.5	1526.5	1696.5	20.5	21.8	19.3	18.0	18.0
	3	5	529.0	960.0	1500.0	1763.0	1668.5	1817.0	1739.0	15.8	15.8	16.8	21.5	19.5
	3	6	473.0	841.0	1050.0	1232.0	1360.0	1512.0	1650.0	18.8	19.8	18.3		19.3
	4	7	540.5	854.0	945.0	1110.0	1190.0	1320.0	1440.0	19.5	18.5	18.3	19.3	16.0
	4	8	495.0	781.8	990.0	1137.5	1221.0	1400.0	1437.8	19.5	19.5	18.5	16.5	15.8
	5	9	505.3	784.0	1224.0	1600.0	1640.0	1780.0	1849.0	15.8	18.5	19.8	18.0	17.5
	5	10	562.5	759.0	943.5	994.5	1200.0	1522.5	1575.0	18.5	18.8	17.5	17.5	18.8
	6	11	505.3	848.0	1311.0	1476.0	1783.5	1672.0	1909.0	19.5	21.3	19.3	19.5	17.8
	6	12	517.5	731.3	1216.0	1330.0	1273.0	1505.0	1593.8	17.5	18.5	17.8	19.0	11.8

Physical measurements of canopy area and head diameter for the Poor-1 grid (winter trial)

Bed No.	Can No.	Plant No.	Canopy area (cm^2) and head diameter (cm) for the Poor-I grid													
			Canopy area (cm^2)										Head diameter (cm)			
			14/8/07	18/8/07	23/8/07	30/8/07	7/9/07	12/9/07	18/9/07	24/9/07	29/9/07	3/10/07	24/9/07	29/9/07	3/10/07	4/10/07*
1	1	1	12.0	24.0	39.0	101.5	360.0	624.0	800.0	1224.0	1216.0	1295.0	6.8	12.8	16.3	14.0
	1	2	13.0	26.0	36.0	101.3	308.0	572.0	825.0	1080.0	1287.0	1360.0	9.5	14.8	16.9	15.0
	2	3	22.5	30.0	44.0	119.6	357.0	624.0	663.8	1044.0	1242.0	1254.0	7.3	13.0	15.0	12.0
	2	4	12.0	27.0	25.5	66.0	260.0	352.0	525.0	1024.0	976.5	992.0	6.5	12.0	15.3	12.0
	3	5	6.0	16.0	22.0	77.0	261.0	336.0	585.0	930.0	1054.0	1020.0		8.5	12.8	12.0
	3	6	10.5	14.0	6.0	17.5	66.0	97.5	242.0	476.0	688.5	725.0		6.3	9.8	7.0
	4	7	20.0	20.0	24.0	68.8	210.0	368.0	641.3	1122.0	1155.0	1221.0		10.0	13.4	14.0
	4	8	7.0	12.0	15.0	40.0	157.5	253.0	559.0	930.0	930.0	1023.0		11.3	12.1	13.0
	5	9	13.0	22.5	38.3	54.0	156.8	256.5	465.8	837.0	1056.0	1258.0		8.0	13.4	12.0
	5	10	12.0	27.0	27.5	71.5	225.0	322.0	635.5	945.0	1207.5	1188.0		10.5	12.8	12.0
	6	11	21.3	30.0	26.3	77.0	198.0	363.0	459.0	736.0	910.0	864.0	6.5	9.5	12.0	11.0
	6	12	7.5	15.0	13.0	40.5	132.0	231.0	400.0	725.0	1023.0	1155.0		7.5	11.8	10.0
2	1	1	7.5	9.5	22.5	47.5	165.0	315.0	455.0	806.0	1024.0	1105.0		9.3	12.0	13.0
	1	2	14.3	20.0	45.0	94.3	273.0	414.0	536.5	891.0	1136.0	1404.0	7.5	13.0	15.0	15.0
	2	3	13.5	36.0	30.3	65.6	247.0	441.0	489.5	1122.0	1295.0	1369.0		13.5	14.0	12.0
	2	4	14.0	11.3	20.0	44.0	152.0	264.0	494.0	899.0	1088.0	1122.0		10.0	13.0	11.0
	3	5	6.0	13.0	17.5	36.0	153.0	340.0	462.5	868.0	990.0	1020.0		8.8	11.5	12.0
	3	6	18.8	30.0	52.3	82.5	286.0	528.0	594.5	1020.0	1044.0	1100.5	8.3	13.0	14.8	12.0
	4	7	12.0	24.0	45.5	104.0	300.0	432.0	761.1	960.0	992.0	1054.0	10.5	13.0	14.8	13.0
	4	8	8.0	27.5	55.0	63.0	247.0	442.0	690.0	990.0	990.0	1024.0	10.5	13.3	15.0	13.0
	5	9	20.0	42.0	52.5	128.0	320.0	616.0	736.3	784.0	884.0	1050.0	13.0	14.0	13.8	12.0
	5	10	6.0	15.0	27.0	98.0	247.0	400.0	644.0	957.0	1023.0	1156.0	6.8	11.0	12.0	12.0
	6	11	15.8	35.0	77.0	124.0	408.0	546.0	714.0	1015.0	1170.0	960.0	12.3	15.5	14.5	12.0
	6	12	15.0	22.5	44.0	78.0	279.5	360.0	560.0	768.0	857.5	768.0	8.3	13.0	13.0	12.0

3	1	1	6.8	20.0	39.0	60.8	220.0	280.0	494.0	725.0	806.0	750.0	6.9	10.5	12.5	11.0
	1	2	14.0	21.8	54.0	96.0	340.0	391.0	688.8	924.0	1122.0	1122.0		12.5	13.0	12.0
	2	3	16.0	20.0	27.0	22.0	30.0	35.0	119.0	260.0	486.0	518.0				
	2	4	21.0	20.0	60.0	79.8	246.0	414.0	532.0	864.0	702.0	669.5	6.8	12.0	11.9	11.0
	3	5	24.0	31.5	41.3	96.9	345.0	528.0	632.9	980.0	1050.0	812.0	9.6	13.0	12.8	12.0
	3	6	19.0	30.0	37.4	81.1	240.0	408.0	579.5	900.0	1008.0	918.8		11.0	11.6	11.0
	4	7	8.0	18.0	22.0	60.0	200.0	326.3	585.0	816.0	961.0	797.5	7.3	10.0	12.4	11.0
	4	8	30.0	23.0	31.5	97.5	270.0	363.0	577.1	782.0	825.0	759.0	7.9	12.0	13.5	9.0
	5	9	8.0	20.0	27.5	82.5	231.0	344.0	504.0	754.0	891.0	826.5	8.8	10.5	11.0	10.0
	5	10	8.5	32.5	55.3	120.0	378.0	384.0	837.0	972.0	891.0	866.3	10.8	14.5	13.9	11.0
	6	11	8.0	21.0	48.8	77.0	230.0	368.0	507.0	750.0	832.0	750.0	7.5	11.5	13.5	10.0
	6	12	8.0	18.0	39.4	69.6	220.0	322.0	450.5	821.5	667.0	504.0	9.3	9.5	9.6	9.0
4	1	1	10.5	40.5	60.0	146.0	414.0	462.0	690.0	884.0	816.0	784.0	10.3	12.0	12.8	9.0
	1	2	9.0	23.8	48.8	75.0	273.0	384.0	677.3	798.0	875.0	720.0	10.8	12.9	13.6	11.0
	2	3	13.5	42.0	60.0	180.0	425.0	684.0	833.0	1089.0	1178.0	1083.0	12.3	15.5	13.3	11.0
	2	4	16.3	32.0	47.5	81.0	275.0	474.5	450.0	704.0	884.0	718.8	7.8	11.8	12.0	10.0
	3	5	10.5	21.0	44.0	93.5	283.5	472.5	600.0	888.4	864.0	750.0	8.0	11.8	11.4	12.0
	3	6	6.5	19.0	41.3	68.8	192.5	465.8	522.0	672.0	851.0	480.0	8.3	12.5	11.5	11.0
	4	7	10.5	23.0	45.5	96.0	264.0	327.8	676.5	943.5	936.0	760.0	6.5	11.9	10.8	9.0
	4	8	11.0	21.0	40.3	60.4	189.0	273.0	448.0	625.0	800.0	621.0	8.3	10.3	9.4	10.0
	5	9	18.8	27.0	31.5	74.8	231.0	304.5	448.0	646.0	918.0	690.0	8.8	11.0	8.4	11.0
	5	10	12.5	20.0	56.3	100.8	285.0	363.0	717.8	957.0	1080.0	787.5	8.1	12.5	11.5	11.0
	6	11	10.5	24.5	60.5	90.0	396.0	432.0	697.5	864.0	780.0	780.9	11.5	13.5	10.5	9.0
	6	12	14.3	57.5	78.0	157.5	472.5	559.0	891.0	980.0	1026.0	702.0	11.3	13.6	13.1	11.0
5	1	1	17.5	30.0	67.5	104.0	337.5	420.0	682.0	1072.0	1120.0	961.0	8.3	14.0	12.8	11.0
	1	2	20.0	26.0	60.8	156.8	301.0	434.8	725.6	924.0	980.0	1023.0		11.5	13.3	12.0
	2	3	14.0	25.0	39.0	108.8	264.0	342.0	678.6	990.0	1050.0	980.0	9.3	11.0	13.5	11.0
	2	4	21.3	35.0	55.0	110.5	264.0	432.0	651.0	775.0	780.0	675.0	9.6	12.5	11.8	9.0
	3	5	18.8	28.5	56.0	101.3	300.0	483.0	690.0	1023.0	1116.0	1020.0	9.5	14.5	13.0	11.0
	3	6	10.5	18.0	37.5	84.0	297.0	420.0	638.0	855.0	980.0	1224.0	11.8	14.5	10.0	8.0
	4	7	6.0	12.0	45.5	74.8	253.5	402.5	675.0	896.0	1080.0	1122.0	9.5	14.0	14.0	11.0

	4	8	9.0	10.5	35.0	66.0	190.0	352.0	580.0	868.0	1156.0	945.5	5.8	12.0	13.3	10.0
	5	9	19.0	20.0	37.5	91.0	253.0	416.5	600.0	980.0	1080.0	986.0	6.8	13.5	14.0	11.0
	5	10	25.0	21.0	42.0	77.0	200.0	372.0	560.5	975.0	1147.0	1320.0	9.5	15.5	15.5	13.0
	6	11	19.0	24.0	45.5	108.5	260.0	516.8	660.0	936.0	1044.0	1116.0	12.3	17.5	15.3	12.0
	6	12	30.0	30.0	63.0	105.0	250.0	445.5	660.0	884.0	1140.0	992.0	10.0	16.0	14.8	12.0
6	1	1	5.3	6.0	36.0	54.6	171.0	273.0	533.0	930.0	1188.0	1406.0		10.8	14.0	13.0
	1	2	17.5	15.0	28.0	57.0	132.0	247.5	429.0	690.0	800.0	896.0		8.8	11.3	10.0
	2	3	14.0	20.0	40.0	87.5	210.0	430.0	630.4	840.0	1122.0	1110.0	9.5	12.4	14.5	11.0
	2	4	22.5	25.0	46.8	84.4	222.0	298.1	560.5	858.0	1050.0	961.0	8.0	11.0	12.4	11.0
	3	5	1.8	12.0	17.3	60.8	155.0	275.0	391.0	624.0	870.0	728.5		6.3	9.1	9.0
	3	6	30.0	35.6	42.0	84.4	283.5	375.0	560.5	736.0	845.0	667.0	8.0	11.0	11.6	13.0
	4	7	17.5	25.0	46.8	93.8	210.0	379.5	540.0	850.0	1023.0	990.0	7.5	12.3	13.8	11.0
	4	8	25.5	32.5	36.0	87.8	240.0	462.5	739.6	958.8	1102.0	1098.0	11.5	16.5	15.5	15.0
	5	9	14.0	9.0	19.1	66.0	150.0	254.4	459.0	750.0	1147.0	1295.0		10.5	15.3	12.0
	5	10	30.0	30.0	47.3	108.0	228.0	432.0	707.3	1015.0	1088.0	1088.0	10.5	14.8	17.0	14.0
	6	11	18.0	27.5	46.0	87.5	237.5	477.0	600.0	896.0	918.0	961.0	10.5	15.3	15.3	12.0
	6	12	10.5	22.5	38.0	77.6	144.0	322.0	588.0	1055.3	990.0	1088.0	7.5	12.5	14.0	12.0
7	1	1	18.0	16.5	23.4	69.0	170.0	322.5	498.8	832.0	1221.0	1180.9	5.0	12.0	15.1	12.0
	1	2	13.5	18.0	34.4	105.0	240.0	471.5	536.8	960.0	1122.0	1207.5	10.0	15.5	16.0	13.0
	2	3	16.0	36.0	36.8	74.8	240.0	324.0	508.8	900.0	988.0	821.5	8.5	7.3	8.3	10.0
	2	4	17.5	24.0	30.0	69.0	210.0	367.5	567.0	868.0	1140.0	980.0	8.4	13.0	15.0	13.0
	3	5	24.0	31.5	33.0	97.5	252.0	400.0	560.0	825.0	850.5	840.0	10.5	13.5	14.3	11.0
	3	6	18.0	20.0	23.8	78.0	190.0	246.8	472.5	768.0	840.0	728.0	6.3	7.5	9.9	10.0
	4	7	14.0	20.3	31.3	82.5	252.0	350.0	619.5	825.0	957.0	990.0		12.8	13.5	11.0
	4	8	20.0	24.0	40.5	96.0	250.0	371.0	634.3	1128.5	1152.0	1241.0	7.0	13.5	14.0	13.0
	5	9	13.0	12.0	38.5	84.0	241.9	400.0	618.1	962.0	1120.0	1190.0	10.5	14.0	15.4	11.0
	5	10	12.5	12.0	24.0	102.0	275.0	410.4	560.0	891.0	1085.0	1015.0	12.0	15.5	15.8	15.0
	6	11	18.8	18.0	27.0	60.0	162.0	352.0	572.0	768.0	896.0	992.0		11.5	13.5	11.0
	6	12	7.0	12.8	17.5	56.0	190.0	290.0	661.3	960.0	1260.0	1330.0		10.5	14.0	13.0

* = Indicates head diameter measured after harvesting

Physical measurements of canopy area and head diameter for the Poor-2 and the Control grids (winter trial)

Bed No.	Can No.	Plant No.	Canopy area (cm^2) and head diameter (cm) for the Poor-2 grid														Canopy area (cm^2) and head diameter (cm) for the Control grid		
			Canopy area (cm^2)										Head diameter (cm)				Canopy area (cm^2)	Head diameter (cm)	
			14/8/07	18/8/07	23/8/07	30/8/07	7/9/07	12/9/07	18/9/07	24/9/07	29/9/07	3/10/07	24/9/07	29/9/07	3/10/07	5/10/07*	3/10/07	3/10/07	4/10/07*
1	1	1	18.0	14.0	17.0	34.1	112.0	260.0	455.0	780.0	986.0	1054.0		11.0	14.5	13.0	1680.0	18.0	14.0
	1	2	24.0	44.0	66.0	116.0	304.5	580.0	868.0	1120.0	1368.0	1221.0	10.5	17.3	17.0	15.0	930.0	13.8	14.0
	2	3	9.0	16.5	20.3	60.0	190.0	352.5	585.0	1050.0	1344.0	1414.5	7.6	13.3	15.5	14.0	930.0	11.3	8.0
	2	4	14.0	31.5	34.5	84.0	260.0	456.0	661.1	1007.5	1056.0	1258.0	9.0	16.0	16.4	15.0	855.0	9.8	11.0
	3	5	24.5	18.4	19.3	55.1	152.0	372.8	465.5	810.0	1080.0	1023.0		5.8	9.3	10.0	1146.3	14.5	12.0
	3	6	23.8	31.5	31.3	84.4	279.5	487.5	712.5	928.0	1140.0	1216.0	8.9	13.0	16.8	13.0	986.0	11.8	11.0
	4	7	27.0	40.0	68.8	127.5	280.0	494.0	838.8	1193.3	1147.0	1152.0	13.5	16.0	15.0	14.0	924.0	12.0	11.0
	4	8	15.8	21.1	45.0	93.8	216.0	425.0	767.8	1224.0	1520.0	1620.0	11.3	15.3	14.8	15.0	768.0	11.3	11.0
	5	9	14.0	38.5	34.5	80.5	231.0	299.0	720.0	792.0	884.0	1023.0		11.8	13.3	14.0	928.0	12.5	9.0
	5	10	21.0	22.8	26.0	70.0	230.0	373.8	783.0	961.0	1365.0	1406.0		13.0	15.5	12.0	840.0	13.8	12.0
	6	11	9.0	12.8	16.3	47.3	127.5	218.5	456.0	775.0	1015.0	1140.0		9.0	13.8	13.0	1122.0	11.5	10.0
	6	12	14.0	19.0	32.5	84.0	228.0	374.0	663.4	940.5	1110.0	1159.0	12.0	14.5	18.3	15.0	793.0	9.5	9.0
2	1	1	25.0	21.3	27.5	87.8	260.0	382.5	621.0	940.5	1482.0	1320.0		12.0	15.0	14.0	1260.0	15.4	12.0
	1	2	9.0	11.3	19.0	46.8	180.5	230.0	541.5	705.0	1020.0	986.0		9.6	10.3	12.0	1085.0	10.0	14.0
	2	3	9.0	31.5	27.5	81.3	203.5	481.0	655.5	841.0	1020.0	1035.0	6.5	14.0	14.5	12.0	1184.0	15.0	14.0
	2	4	15.0	12.5	20.0	87.8	225.5	425.0	500.0	928.0	1008.0	1054.0	11.5	15.5	15.5	14.0	1550.4	16.0	13.0
	3	5	14.0	16.9	27.5	97.5	235.0	453.3	649.0	858.0	1073.0	1015.0	9.5	13.5	15.3	13.0	1098.0	16.5	14.0
	3	6	12.0	19.1	34.4	120.0	287.5	483.0	700.0	986.0	1082.8	1122.0	11.3	15.3	14.5	13.0	1188.0	14.5	12.0
	4	7	10.5	20.0	38.5	112.0	286.0	475.0	570.0	825.0	952.0	729.0	10.5	14.0	15.0	11.0	1365.0	15.9	14.0
	4	8	14.3	15.0	24.8	91.0	231.0	377.0	667.0	858.0	899.0	783.0	10.3	12.5	12.1	11.0	1386.0	16.0	14.0
	5	9	13.5	9.0	20.0	78.0	230.0	400.0	667.0	1003.0	1221.0	1422.0	9.5	13.5	13.5	12.0	1326.0	14.5	14.0
	5	10	10.0	10.5	14.0	50.0	194.3	372.0	540.0	885.0	1313.5	1348.4		11.5	14.6	12.0	1024.0	13.9	12.0
	6	11	6.5	10.0	20.0	78.0	209.0	412.5	693.3	1054.0	1452.5	1400.0	9.8	14.5	16.0	14.0	1350.5	16.5	13.0
	6	12	6.0	18.0	24.8	84.5	210.0	611.0	667.0	900.0	1120.0	1260.0	9.3	14.0	16.4	13.0	1443.0	14.4	13.0

3	1	1	14.0	21.0	39.0	120.0	268.8	450.5	870.0	1156.0	1225.0	1292.0	12.0	16.5	17.5	12.0	1120.0	16.8	12.0
	1	2	24.0	18.0	32.3	71.5	216.0	375.0	506.3	800.0	806.0	780.0	8.5	12.0	13.0	12.0	1678.8	14.5	13.0
	2	3	13.5	24.8	36.0	94.5	242.0	364.0	675.0	990.0	1120.0	1116.0			15.3	13.0	1560.0	14.0	12.0
	2	4	14.0	24.8	57.0	180.0	356.5	644.0	783.0	952.0	1020.0	1054.0	11.8	15.0	15.5	13.0	973.5	14.0	12.0
	3	5	21.0	30.3	36.8	116.3	262.5	468.8	806.0	1039.5	1100.5	1224.0	10.5	13.0	14.8	13.0	1190.0	16.0	13.0
	3	6	9.5	18.0	30.0	70.0	210.0	325.0	735.0	957.0	992.0	1120.0	9.0	13.5	14.6	13.0	154.0		
	4	7	9.0	22.5	35.0	97.5	210.0	320.0	588.0	755.3	780.0	837.0	7.5	12.0	12.0	11.0	1155.0	17.0	13.0
	4	8	14.9	24.0	45.5	119.0	304.5	468.8	880.0	1020.0	1152.0	1184.0	7.3	13.0	15.0	11.0	658.0	10.6	12.0
	5	9	9.0	15.8	25.0	91.0	180.0	406.3	585.0	832.0	1122.0	1224.0	10.0	16.3	15.0	12.0	930.0	15.5	11.0
	5	10	22.5	30.0	44.0	132.0	333.5	480.0	768.0	896.0	957.0	960.0	13.5	17.5	16.3	11.0	1020.0	14.4	9.0
	6	11	12.0	18.8	38.0	78.0	220.0	393.8	577.5	870.0	1085.0	1190.0	10.5	15.0	14.4	12.0	1120.0	15.1	12.0
	6	12	15.0	24.0	39.4	91.9	299.0	416.0	656.0	810.0	1044.0	986.0		11.0	13.5	11.0	1184.0	17.3	13.0
4	1	1	27.0	25.0	40.5	131.8	345.0	599.5	912.0	1080.0	1225.0	1201.3	11.9	14.8	14.6	12.0	1216.0	17.6	14.0
	1	2	45.0	34.1	50.0	140.3	384.0	540.0	969.0	1080.0	1152.0	1140.0	12.0	15.5	15.3	12.0	724.5	11.5	12.0
	2	3	18.0	35.8	52.0	187.0	397.5	637.5	1080.0	1170.0	1225.0	1173.0		15.8	15.1	15.0	1080.0	14.5	12.0
	2	4	9.5	21.0	33.8	96.0	269.5	494.0	640.0	765.0	825.0	858.0	10.3	12.6	12.0	10.0	1152.0	12.3	13.0
	3	5	11.9	32.5	37.5	120.0	312.0	513.0	747.5	945.0	1110.0	1067.5	10.8	14.3	13.5	12.0	806.0		
	3	6	33.0	47.3	54.0	153.0	345.0	594.5	800.0	936.0	726.0	782.0	11.0	13.5	13.3	11.0	1008.0	14.0	12.0
	4	7	12.0	48.0	34.4	97.5	220.5	416.5	652.5	832.0	1050.0	930.0	6.3	11.5	10.1	9.0	1080.0	15.0	12.0
	4	8	12.0	26.0	35.9	136.0	336.0	507.0	759.0	1073.0	928.0	1015.0	12.0	14.0	13.9	12.0	925.0	10.8	10.0
	5	9	11.0	19.5	33.8	120.0	348.0	520.0	808.3	1088.0	1330.0	1441.8	6.3	10.5	13.3	13.0	1020.0	15.0	11.0
	5	10	15.0	32.5	68.0	179.4	387.8	526.5	837.0	770.0	990.0	945.5	12.5	15.0	12.3	12.0	729.0		
	6	11	24.0	40.0	53.6	176.0	364.0	562.5	952.0	1050.0	1037.0	1020.0	13.5	15.0	14.5	13.0	1152.0	15.0	11.0
	6	12	9.5	23.0	33.0	93.8	195.0	385.0	560.0	845.0	792.0	891.0	9.0	12.6	11.5	10.0	1056.0	16.6	14.0
5	1	1	16.0	26.0	41.3	144.0	189.0	180.0	0.0	0.0	0.0	0.0	0.0	0.0			1296.0	13.8	12.0
	1	2	24.0	32.5	39.9	112.0	302.5	481.0	744.0	837.0	990.0	1054.0		14.5	15.8	12.0	1406.0	15.8	12.0
	2	3	32.0	52.0	67.5	204.0	455.0	825.0	1330.0	1400.0	1444.0	1600.0	13.5	19.0	18.1	14.0	1287.0	14.5	12.0
	2	4	12.0	16.0	27.5	93.0	220.5	345.0	848.0	1188.0	1258.0	1480.0	11.9	15.3	15.3	13.0	1681.0	14.0	13.0
	3	5	22.5	20.3	49.5	116.3	378.0	522.5	787.5	539.1	472.5	494.0	10.0	10.5	10.1	10.0	1599.0	16.3	13.0
	3	6	8.3	24.8	37.6	120.0	280.0	375.0	841.5	1008.0	1280.0	1102.5	11.0	15.0	14.9	11.0	1406.3	16.5	13.0
	4	7	10.0	23.0	35.8	130.5	270.0	518.0	790.5	888.0	1020.0	891.0	11.5	14.8	13.5	11.0	1147.0	15.3	11.0

	4	8	12.0	20.3	45.0	194.8	326.3	594.5	875.0	1287.0	1400.0	1275.0	12.0	13.8	14.4	12.0	1440.0	15.5	14.0
	5	9	11.0	22.5	49.5	153.0	384.0	660.0	952.0	1368.0	1440.0	1461.5	12.5	16.6	14.5	13.0	1365.0	14.0	11.0
	5	10	14.3	25.0	37.5	161.5	360.0	605.6	888.0	1053.0	972.0	900.0	12.3	14.3	12.1	11.0	1221.0	14.0	11.0
	6	11	26.0	38.3	46.8	144.0	330.0	623.5	932.3	1036.0	1062.0	960.0	10.8	12.8	12.3	11.0	1134.0	13.8	11.0
	6	12	8.0	20.0	48.9	116.3	273.0	500.0	667.0	850.0	972.0	796.3	12.8	15.5	12.3	11.0	1369.0	15.5	13.0
6	1	1	19.5	29.0	39.0	98.0	160.0	0.0	0.0	0.0	0.0	0.0					1152.0	16.5	12.0
	1	2	9.0	15.0	27.0	71.9	204.0	209.0	378.0	528.0	637.0	702.0			6.0	8.0	1149.8	12.5	11.0
	2	3	16.0	27.5	40.5	112.5	218.5	336.0	767.0	891.0	972.0	928.0	9.0	14.8	12.5	11.0	1088.0	17.0	13.0
	2	4	22.5	21.0	35.8	66.0	143.5	252.0	442.0	620.0	782.0	850.0	7.5	10.0	9.8	13.0	1190.0	17.0	12.0
	3	5	13.5	30.0	78.0	128.0	267.8	476.0	874.5	1085.0	1287.0	1190.0	11.0	16.5	15.3	15.0	992.0	15.8	13.0
	3	6	10.0	26.0	37.5	120.0	322.5	384.0	705.3	910.0	1080.0	992.0	9.5	13.9	14.1	11.0	925.0	15.5	12.0
	4	7	14.0	19.0	38.3	96.0	190.0	299.0	504.0	713.0	868.0	899.0	10.0	13.8	12.4		1242.5	15.8	13.0
	4	8	25.0	29.3	35.1	108.5	220.0	445.5	725.0	961.0	1292.0	1240.0	8.8	13.5	13.6	11.0	522.0	9.5	8.0
	5	9	13.5	16.0	24.5	58.5	198.0	300.0	497.3	780.0	928.0	945.5	9.5	13.0	12.5	13.0	1260.0	14.0	12.0
	5	10	20.0	22.0	34.1	77.0	220.0	230.0	461.5	544.0	714.0	726.0	9.0	12.8	12.4	10.0	972.0	12.5	10.0
	6	11	7.5	12.5	23.8	58.5	190.0	275.0	462.5	840.0	870.0	1072.5	9.3	13.0	13.3	12.0	780.0	11.1	10.0
	6	12	24.0	27.5	39.0	110.5	286.0	342.0	520.0	726.0	767.3	721.9	9.8	10.8	10.3	10.0	1088.0	16.5	14.0
7	1	1	22.0	13.5	22.5	49.5	98.0	102.0	175.0	190.0	216.0	321.8					459.0		
	1	2	14.0	15.0	27.1	57.0	153.0	183.8	292.5	552.0	580.5	679.0		9.1	10.0	11.0	850.5	8.8	6.0
	2	3	14.0	21.9	41.3	104.0	336.0	453.3	685.3	990.0	1184.0	1112.6	11.5	17.0	15.4	15.0	1517.0	14.5	11.0
	2	4	7.5	12.5	22.0	75.0	213.8	374.0	635.5	1065.0	1369.0	1400.0	10.5	16.3	16.8	14.0	1050.0	15.0	14.0
	3	5	9.5	24.0	48.8	135.0	356.5	499.5	720.0	884.0	976.0	1221.0	13.5	17.3	15.1	15.0	1254.0	16.5	13.0
	3	6	6.0	18.0	31.5	84.0	241.5	300.0	425.3	493.0	570.0	532.0	7.8	11.1	11.8	10.0	1415.5	12.0	12.0
	4	7	7.5	8.8	26.3	78.0	231.0	336.0	600.0	748.0	1015.0	828.0	8.8	13.0	11.9	12.0	1050.0	14.8	11.0
	4	8	9.0	18.0	42.3	124.0	319.0	555.0	680.0	770.0	750.0	681.5	13.1	15.0	12.9	12.0	1264.0	16.5	13.0
	5	9	19.0	36.0	42.0	190.0	366.0	504.0	1020.0	1312.0	1345.5	1377.0	13.0	15.5	15.3	13.0	884.0	15.0	11.0
	5	10	19.5	23.6	26.0	112.0	253.0	362.5	627.8	840.0	1089.0	945.5		11.0	12.0	11.0	992.0	16.0	13.0
	6	11	24.5	32.5	52.0	120.0	322.0	479.3	757.8	1140.0	1110.0	960.6	10.8	15.0	15.8	14.0	1155.0	17.8	13.0
	6	12	9.0	18.0	38.5	105.0	273.0	408.0	693.0	986.0	1260.0	1326.0	9.6	14.8	15.5	13.0	899.0	10.8	8.0

* = Indicates head diameter measured after harvesting