

**Table (2):** Plant head weight (g) as affected by five planting dates in three broccoli genotypes grown in two successive winter seasons of 2002-2003 and 2003-2004 under Assiut conditions. 2002-2003 season

Genotypes	Transplanting date					Average
	15 <sup>th</sup> of July	15 <sup>th</sup> of Aug.	15 <sup>th</sup> of Sept.	15 <sup>th</sup> of Oct.	15 <sup>th</sup> of Nov.	
Assiut-1	2130.2 a	1970.8 b	561.2 f	405 fg	112.6 h	1035.9 A
Italian	1335.0 c	1444.8 c	763.3 e	379.9 g	105.7 h	805.8 A
Hybrid Southern Star	1444.8 c	1430.8 c	997.1 d	457.7 fg	101.4h	886.4 A
Average	1636.7 A	1615.5 A	773.9 B	414.2 C	106.6 D	

2003-2004 season

Genotypes	Transplanting date					Average
	15 <sup>th</sup> of July	15 <sup>th</sup> of Aug.	15 <sup>th</sup> of Sept.	15 <sup>th</sup> of Oct.	15 <sup>th</sup> of Nov.	
Assiut-1	1463.2 a	1323.5 b	416.8 gh	313.9 i	94.7 j	722.4 A
Italian	816.7 e	900.2 d	462.5 fg	304.2 i	112.6 j	519.2 B
Hybrid Southern Star	1143.8 c	923.1 d	491.8 f	365.4 hi	81.8 j	601.2 B
Average	1141.2 A	1048.9 A	457.0 B	327.8 B	96.4 C	

Means followed by the same letter or letters within rows are non-significantly differed at P = 0.05

**Table (3):** Number of secondary heads per plant as affected by five planting dates and three broccoli genotypes grown in two successive winter seasons of 2002-2003 and 2003-2004 under Assiut conditions.

2002-2003 season

Genotypes	Transplanting date					Average
	15 <sup>th</sup> of July	15 <sup>th</sup> of Aug.	15 <sup>th</sup> of Sept.	15 <sup>th</sup> of Oct.	15 <sup>th</sup> of Nov.	
Assiut-1	6.14 a	5.06 b	0.77 ef	0.72 efg	0.07 g	2.55 A
Italian	6.08 a	3.35 c	0.9 e	0.52 efg	0.09 fg	2.19 A
Hybrid Southern Star	2.13 d	3.32 c	0.45 efg	2.44 d	0.22 efg	1.71 A
Average	4.78 A	3.91 A	0.71 BC	1.22 B	0.12 C	

2003-2004 season

Genotypes	Transplanting date					Average
	15 <sup>th</sup> of July	15 <sup>th</sup> of Aug.	15 <sup>th</sup> of Sept.	15 <sup>th</sup> of Oct.	15 <sup>th</sup> of Nov.	
Assiut-1	0.9 b	0.29 cde	0.7 bcd	0.32 cde	0.00 e	0.44 A
Italian	3 a	1.18 b	1.04 b	0.3 cde	0.00 e	1.1 A
Hybrid Southern Star	0.12 e	0.19 de	0.74 bc	0.7 bcd	0.00 e	0.35 A
Average	1.34 A	0.55 BC	0.83 AB	0.44 BC	0 C	

Means followed by the same letter or letters within rows are non-significantly differed at P = 0.05

**Table (4):** Total yield (ton/fed) as affected by five planting dates and three broccoli genotypes grown in two successive winter seasons of 2002-2003 and 2003-2004 under Assiut conditions

2002-2003 season

Genotypes	Transplanting date					Average
	15 <sup>th</sup> of July	15 <sup>th</sup> of Aug.	15 <sup>th</sup> of Sept.	15 <sup>th</sup> of Oct.	15 <sup>th</sup> of Nov.	
Assiut-1	5.63 def	10.06 a	6.52 cd	4.74 ef	1.00 h	5.59 A
Italian	2.76 g	8.54 b	7.62 bc	4.26 f	0.53 h	4.74 A
Hybrid Southern Star	5.75 def	6.23 cde	10.00 a	5.02 def	0.79 h	5.56 A
Average	4.71 B	8.28 A	8.05 A	4.67 B	0.77 C	

2003-2004 season

Genotypes	Transplanting date					Average
	15 <sup>th</sup> of July	15 <sup>th</sup> of Aug.	15 <sup>th</sup> of Sept.	15 <sup>th</sup> of Oct.	15 <sup>th</sup> of Nov.	
Assiut-1	3.88 cde	10.00 a	4.59 bcd	2.93 ef	0.88 h	4.46 A
Italian	1.73 gh	4.71 bc	4.86 bc	2.61 fg	1.03 h	2.99 A
Hybrid Southern Star	3.62 de	4.52 bcd	5.51 b	3.64 de	0.92 h	3.64 A
Average	3.08 C	6.41 A	4.99 B	3.06 C	0.94 D	

Means followed by the same letter or letters within rows are non-significantly differed at P = 0.05

**Table (5):** Harvest period as affected by five planting dates and three broccoli genotypes grown in two successive winter seasons of 2002-2003 and 2003-2004 under Assiut conditions

2002-2003 season

Genotypes	Transplanting date					Average
	15 <sup>th</sup> of July	15 <sup>th</sup> of Aug.	15 <sup>th</sup> of Sept.	15 <sup>th</sup> of Oct.	15 <sup>th</sup> of Nov.	
Assiut-1	52 b	48.50 bc	29.50 de	24.25 ef	54.25 b	41.70 A
Italian	31.50 d	11.25 g	22.25 f	18 f	49 bc	26.40 B
Hybrid Southern Star	63.75 a	43 c	30.25 de	18.50 f	53.75 b	41.85 A
Average	49.08 A	34.25 B	27.33 BC	20.75 C	52.33 A	

2003-2004 season

Genotypes	Transplanting date					Average
	15 <sup>th</sup> of July	15 <sup>th</sup> of Aug.	15 <sup>th</sup> of Sept.	15 <sup>th</sup> of Oct.	15 <sup>th</sup> of Nov.	
Assiut-1	34 c	46.25 b	33 c	18 e	65.50 a	39.35 A
Italian	3.25 f	21 de	26.75 cd	8.25 f	60.00 a	23.85 B
Hybrid Southern Star	3.75 f	28.25 c	28.75 c	8 f	61.25 a	26 B
Average	13.67 C	31.83 B	29.50 B	11.42 C	62.25 A	

Means followed by the same letter or letters within rows are non-significantly differed at P = 0.05

**Table (6):**Number of days from transplanting to harvest as affected by five planting dates and three broccoli genotypes grown in two successive winter seasons of 2002-2003 and 2003-2004 under Assiut conditions  
2002-2003 season

Genotypes	Transplanting date					Average
	15 <sup>th</sup> of July	15 <sup>th</sup> of Aug.	15 <sup>th</sup> of Sept.	15 <sup>th</sup> of Oct.	15 <sup>th</sup> of Nov.	
Assiut-1	103.3 c	91.5 de	97 d	89.3 e	77 f	91.6 B
Italian	125.5 a	114.5 b	104.3 c	95.8 d	79.5 f	103.9 A
Hybrid Southern Star	86.0 e	89 e	97 d	91.5 de	79.3 f	88.6 B
Average	104.9 A	98.3 A	99.4 A	92.2 A	78.6 B	

2003-2004 season

Genotypes	Transplanting date					Average
	15 <sup>th</sup> of July	15 <sup>th</sup> of Aug.	15 <sup>th</sup> of Sept.	15 <sup>th</sup> of Oct.	15 <sup>th</sup> of Nov.	
Assiut-1	120.5 bc	98.8 d	91.0 ef	86.0 g	63.0 h	91.9 B
Italian	133.5 a	124.2 b	99.3 d	95.8 de	63.0 h	103.2 A
Hybrid Southern Star	117 c	95.5 de	86.5 fg	92.0 e	63.0 h	90.8 B
Average	123.7 A	106.2 B	92.3 C	91.3 C	63.0 D	

Means followed by the same letter or letters within rows are non-significantly differed at P = 0.05