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## Appendix I: 2004/05 season

### 1- Seed yield (g) per plant

Variety	Rep. 1	Rep. 2	Rep. 3	Mean#
H-93	2.401	3.02	3.401	2.812 <sup>a</sup>
BB-7	2.394	1.17	2.346	1.970 <sup>ab</sup>
Sm-L	1.04	0.852	1.13	1.007 <sup>b</sup>
CV%	30.76%			
Lsd <sub>0.05</sub>	1.3450			
SE±	0.3425			
F-value	6.9420*			

#Any two mean values having different superscript letters differ significantly (P≤0.05).

\* = Significant at ( $P \leq 0.05$ )

## 2- Number of seeds per plant

	<b>Variety</b>	<b>Rep. 1</b>	<b>Rep. 2</b>	<b>Rep. 3</b>	<b>Mean#</b>
<b>H-93</b>		6.8	9.2	10.1	8.700 <sup>a</sup>
<b>BB-7</b>		5.8	3.1	6.4	5.100 <sup>b</sup>
<b>Sm-L</b>		2.4	2.7	4.1	3.067 <sup>b</sup>
<b>CV%</b>	22.98%				
<b>Lsd<sub>0.05</sub></b>	2.929				
<b>SE±</b>	0.7459				
<b>F-value</b>	14.6143*				

#Any two mean values having different superscript letters differ significantly ( $P \leq 0.05$ ).

\* = Significant at ( $P \leq 0.05$ )

## 3- Number of seeds per pod

	<b>Variety</b>	<b>Rep. 1</b>	<b>Rep. 2</b>	<b>Rep. 3</b>	<b>Mean#</b>
<b>H-93</b>		1.87	1.72	1.54	1.710 <sup>a</sup>
<b>BB-7</b>		1.18	1.35	1.96	1.497 <sup>a</sup>
<b>Sm-L</b>		0.78	1.70	1.27	1.250 <sup>a</sup>
<b>CV%</b>	26.47%				

Lsd <sub>0.05</sub>	0.8925
SE±	0.2273
F-value	1.0281n.s

#Any two mean values having different superscript letters differ significantly (P≤0.05).

n.s = Not significant

#### 4- Number of pods per plant

Variety	Rep. 1	Rep. 2	Rep. 3	Mean#
H-93	3.6	5.1	6.3	5.000 <sup>a</sup>
BB-7	3.4	2.1	3.2	2.900 <sup>b</sup>
Sm-II	2.2	2.0	2.4	2.200 <sup>b</sup>
CV%	26.15%			
Lsd <sub>0.05</sub>	1.996			
SE±	0.5083			
F-value	8.2194*			

#Any two mean values having different superscript letters differ significantly (P≤0.05).

\* = Significant at (P≤0.05)

#### 5- Number of podded nodes per plant

Variety	Rep. 1	Rep. 2	Rep. 3	Mean#
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<b>H-93</b>	3.6	5.1	6.3	5.000 <sup>a</sup>
<b>BB-7</b>	3.4	2.1	3.2	2.900 <sup>b</sup>
<b>Sm-L</b>	2.2	2.0	2.3	2.167 <sup>b</sup>
<b>CV%</b>	26.59%			
<b>Lsd<sub>0.05</sub></b>	2.023			
<b>SE±</b>	0.5151			
<b>F-value</b>	8.1493*			

#Any two mean values having different superscript letters differ significantly (P≤0.05).

\* = Significant at (P≤0.05)

## 6- Number of nodes per plant

Variety	Rep. 1	Rep. 2	Rep. 3	Mean#
<b>H-93</b>	27.6	27.8	28.2	27.87 <sup>a</sup>
<b>BB-7</b>	28.3	27.5	27.8	27.87 <sup>a</sup>
<b>Sm-L</b>	27.5	27.9	27.9	27.77 <sup>a</sup>
<b>CV%</b>	1.31%			
<b>Lsd<sub>0.05</sub></b>	0.8267			
<b>SE±</b>	0.2106			
<b>F-value</b>	0.075n.s			

#Any two mean values having different superscript letters differ significantly (P≤0.05).

n.s = Not significant

## 7- Plant height (cm)

Variety	Rep. 1	Rep. 2	Rep. 3	Mean#
H-93	48.7	50.9	50.5	50.03 <sup>a</sup>
BB-7	51.0	48.5	50.7	50.70 <sup>a</sup>
Sm-L	48.1	48.6	47.5	48.07 <sup>a</sup>
CV%	2.50%			
Lsd <sub>0.05</sub>	2.815			
SE±	0.7169			
F-value	0.1254n.s			

#Any two mean values having different superscript letters differ significantly (P≤0.05).

n.s = Not significant

## 8- Number of branches per plant

Variety	Rep. 1	Rep. 2	Rep. 3	Mean#
H-93	1.5	2.2	2.2	1.967 <sup>a</sup>
BB-7	1.9	1.6	1.6	1.700 <sup>a</sup>
Sm-L	2.0	1.9	2.0	1.967 <sup>a</sup>
CV%	16.07%			
Lsd <sub>0.05</sub>	0.6839			
SE±	0.1742			

<b>F-value</b>	0.7805n.s
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#Any two mean values having different superscript letters differ significantly (P≤0.05).

n.s = Not significant

#### 9- Total dry matter production per plant

Variety	Rep. 1	Rep. 2	Rep. 3	Mean#
H-93	10.616	11.28	12.67	11.52 <sup>a</sup>
BB-7	11.254	6.12	8.92	8.765 <sup>a</sup>
Sm-L	7.470	7.75	8.01	7.743 <sup>a</sup>
CV%	18.07%			
Lsd <sub>0.05</sub>	3.827			
SE±	0.9747			
<b>F-value</b>	4.0219n.s			

#Any two mean values having different superscript letters differ significantly (P≤0.05).

n.s = Not significant

#### 10- 1000-seed weight (g)

Variety	Rep. 1	Rep. 2	Rep. 3	Mean#
H-93	317	312	324	317.7 <sup>a</sup>
BB-7	341	303	285	309.7 <sup>a</sup>

<b>Sm-L</b>	314	360	338	337.3 <sup>a</sup>
<b>CV%</b>	7.94%			
<b>Lsd<sub>0.05</sub></b>	57.89			
<b>SE±</b>	14.70			
<b>F-value</b>	0.9325n.s			

#Any two mean values having different superscript letters differ significantly (P≤0.05).

n.s = Not significant

## Appendix II: 2005/06 season

### 1- Seed yield (g) per plant

	<b>Variety</b>	<b>Rep. 1</b>	<b>Rep. 2</b>	<b>Rep. 3</b>	<b>Mean#</b>
<b>H-93</b>		7.91	8.17	8.57	8.217 <sup>a</sup>
<b>BB-7</b>		5.32	6.48	7.45	6.417 <sup>a</sup>
<b>Sm-L</b>		6.49	6.88	5.16	6.177 <sup>a</sup>
<b>CV%</b>	13.50%				
<b>Lsd<sub>0.05</sub></b>	2.123				
<b>SE±</b>	0.5407				
<b>F-value</b>	4.2532n.s				

#Any two mean values having different superscript letters differ significantly (P≤0.05).

n.s = Not significant

## 2- Number of seeds per plant

Variety	Rep. 1	Rep. 2	Rep. 3	Mean#
H-93	20.5	21.2	22.3	21.33 <sup>a</sup>
BB-7	14.0	16.9	19.4	16.77 <sup>a</sup>
Sm-L	18.1	19.2	14.4	17.23 <sup>a</sup>
CV%	13.53%			
Lsd <sub>0.05</sub>	5.659			
SE±	1.441			
F-value	3.0398n.s			

#Any two mean values having different superscript letters differ significantly (P≤0.05).

n.s = Not significant

## 3- Number of seeds per pod

Variety	Rep. 1	Rep. 2	Rep. 3	Mean#
H-93	1.60	2.10	2.00	1.900 <sup>a</sup>
BB-7	1.68	1.73	2.09	1.833 <sup>a</sup>
Sm-L	1.98	1.92	1.82	1.907 <sup>a</sup>
CV%	11.18%			
Lsd <sub>0.05</sub>	0.4755			
SE±	0.1211			

<b>F-value</b>	0.1117n.s
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#Any two mean values having different superscript letters differ significantly (P≤0.05).

n.s = Not significant

#### 4- Number of pods per plant

Variety	Rep. 1	Rep. 2	Rep. 3	Mean#
H-93	10.7	11.0	12.0	11.23 <sup>a</sup>
BB-7	8.4	9.6	9.2	9.067 <sup>b</sup>
Sm-L	9.2	10.2	7.9	9.100 <sup>b</sup>
CV%	9.19%			
Lsd <sub>0.05</sub>	2.043			
SE±	0.5203			
<b>F-value</b>	5.691*			

#Any two mean values having different superscript letters differ significantly (P≤0.05).

\* = Significant at (P≤0.05)

#### 5- Number of podded nodes per plant

Variety	Rep. 1	Rep. 2	Rep. 3	Mean#
H-93	9.7	9.2	12.0	10.30 <sup>a</sup>
BB-7	6.9	7.8	9.2	7.967 <sup>ab</sup>

<b>Sm-L</b>	7.6	8.1	6.7	7.467 <sup>b</sup>
<b>CV%</b>	13.88%			
<b>Lsd<sub>0.05</sub></b>	2.699			
<b>SE±</b>	0.6875			
<b>F-value</b>	4.8393*			

#Any two mean values having different superscript letters differ significantly (P≤0.05).

\* = Significant at (P≤0.05)

## 6- Number of nodes per plant

	<b>Variety</b>	<b>Rep. 1</b>	<b>Rep. 2</b>	<b>Rep. 3</b>	<b>Mean#</b>
<b>H-93</b>		39.3	35.0	40.7	38.33 <sup>a</sup>
<b>BB-7</b>		35.9	34.0	32.6	34.17 <sup>ab</sup>
<b>Sm-L</b>		33.0	33.9	32.1	33.00 <sup>b</sup>
<b>CV%</b>	6.37%				
<b>Lsd<sub>0.05</sub></b>	5.078				
<b>SE±</b>	1.293				
<b>F-value</b>	4.7010*				

#Any two mean values having different superscript letters differ significantly (P≤0.05).

\* = Significant at (P≤0.05)

## 7- Plant height (cm)

	<b>Variety</b>	<b>Rep. 1</b>	<b>Rep. 2</b>	<b>Rep. 3</b>	<b>Mean#</b>
<b>H-93</b>		72.0	71.2	75.0	72.7 <sup>a</sup>
<b>BB-7</b>		61.2	65.7	61.1	62.67 <sup>a</sup>
<b>Sm-L</b>		61.4	64.1	63.5	63.00 <sup>a</sup>
<b>CV%</b>	36.09%				
<b>Lsd<sub>0.05</sub></b>	47.97				
<b>SE±</b>	12.22				
<b>F-value</b>	0.3547n.s				

#Any two mean values having different superscript letters differ significantly (P≤0.05).

n.s = Not significant

## 8- Number of branches per plant

	<b>Variety</b>	<b>Rep. 1</b>	<b>Rep. 2</b>	<b>Rep. 3</b>	<b>Mean#</b>
<b>H-93</b>		3.4	2.8	3.5	3.233 <sup>b</sup>
<b>BB-7</b>		4.6	4.2	4.5	4.433 <sup>a</sup>
<b>Sm-L</b>		3.4	4.0	3.2	3.533 <sup>ab</sup>
<b>CV%</b>	11.15%				
<b>Lsd<sub>0.05</sub></b>	0.9429				
<b>SE±</b>	0.2401				
<b>F-value</b>	6.7500*				

#Any two mean values having different superscript letters differ significantly (P≤0.05).

\* = Significant at ( $P \leq 0.05$ )

#### 9- Total dry matter production per plant

	Variety	Rep. 1	Rep. 2	Rep. 3	Mean#
<b>H-93</b>		21.48	24.56	26.82	24.29 <sup>a</sup>
<b>BB-7</b>		17.37	18.57	19.80	18.58 <sup>b</sup>
<b>Sm-L</b>		21.48	20.78	17.97	20.08 <sup>ab</sup>
<b>CV%</b>	10.85%				
<b>Lsd<sub>0.05</sub></b>		5.161			
<b>SE±</b>		1.314			
<b>F-value</b>		5.0674*			

#Any two mean values having different superscript letters differ significantly ( $P \leq 0.05$ ).

\* = Significant at ( $P \leq 0.05$ )

#### 10- 1000-seed weight (g)

	Variety	Rep. 1	Rep. 2	Rep. 3	Mean#
<b>H-93</b>		40.9	38.2	38.0	39.0 <sup>a</sup>
<b>BB-7</b>		38.2	35.8	41.2	38.4 <sup>a</sup>
<b>Sm-L</b>		35.9	35.9	35.9	35.9 <sup>a</sup>
<b>CV%</b>	4.95%				
<b>Lsd<sub>0.05</sub></b>		1.08			

<b>SE±</b>	4.24
<b>F-value</b>	2.35n.s

#Any two mean values having different superscript letters differ significantly ( $P \leq 0.05$ ).

n.s = Not significant