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(Saeedi, 1998)

.(Grabau et al., 1990; Savin & Nicolas, 1999)

(1999) Savin & Nicolas

(1990) Grabau et al.

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(Blum, 1998; Li

et al., 2001; Yang & Zhang, 2006)

(1991) Jenner et al. (Yang & Zhang, 2006)

Darroch & Baker .

(1990)

.(Papakosta & Gagianas, 1991)

Gebeyehou et al.

(1982)

.(Papakosta & Gagianas, 1991)

(1971) Rawson & Evans

(1985) Bauer et al. .

(1991) Papakosta & Gagianas

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1. Kernel Growth Rate (KGR)
  2. Grain Enlargement Phase

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(Jenner et al.,

(1991) Jenner et al. .1991)

(Ahmadi & Baker,

.2001)

.(Blum, 1998; Ehdaie, 1998)

.(Blum, 1998)

.(Ehdaie, 1998)

.(Jenner et al., 1991)

(1999) Savin & Nicolas

(Ehdaie et al.,

.2006; Yang et al., 2000; Yang & Zhang, 2006)

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(2001) Yang et al. .

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(2001) Ahmadi & Baker .

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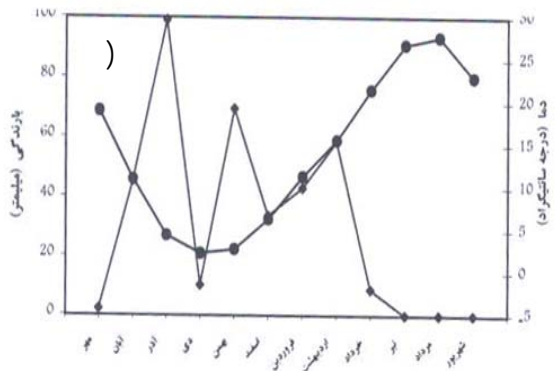
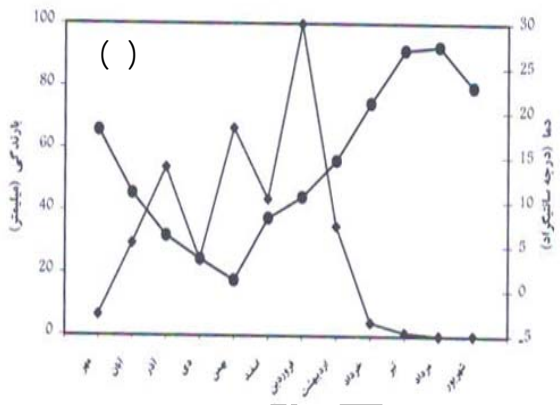
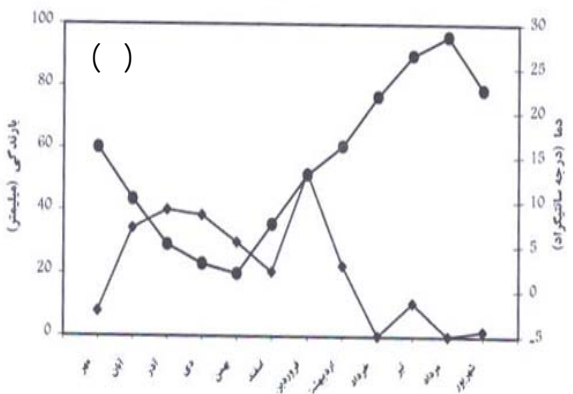
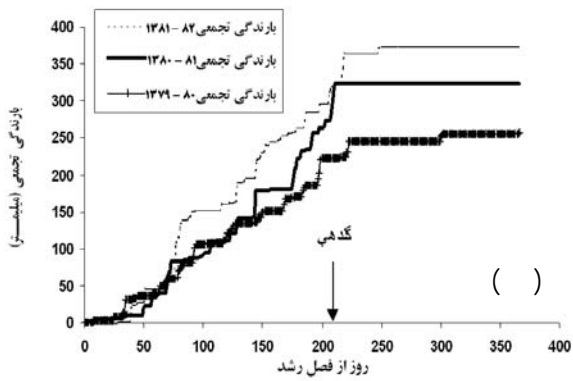
$$(SSI) := (1 - (Y_s/Y_p)) / (1 - (\check{Y}_s/\check{Y}_p))$$

$$Y_s/Y_p = (YSI)$$

$$\frac{Y_s}{\check{Y}_s} = \frac{Y_p}{\check{Y}_p}$$

- 1. Stress Susceptibility Index
- 2. Yield Stability Index

(Sio-Se Mardeh et al., 2006)



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(Yang et al., 2001)

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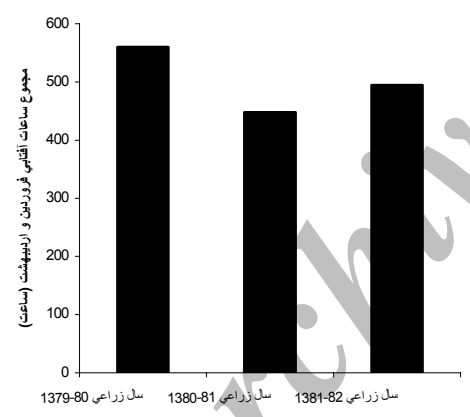
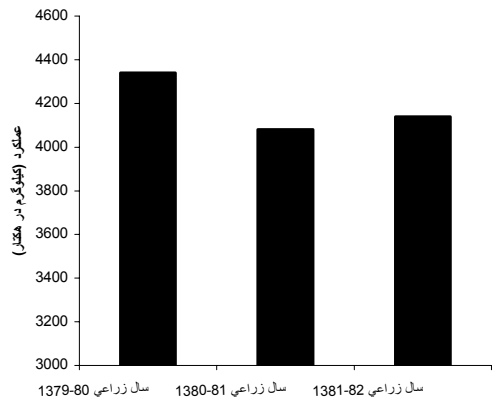
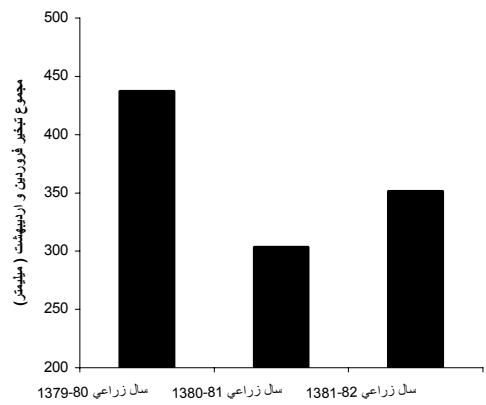
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SAS 8.2

SPSS 10.0

(LSD)

Microsoft Excel 2001



Year	Seeds (Millions)	Seeds/ha (kg)	Climate Hours	Avg Temp (°C)
1379-80	435	4350	560	14.5
1380-81	305	4080	450	12.5
1381-82	350	4150	495	13.5

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1380-81	305	4080	450	12.5
1381-82	350	4150	495	13.5

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(Blum, 1998)

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(1998) Blum .

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(2006) Ehdai et al.

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(Siosemardeh et al., 2006)

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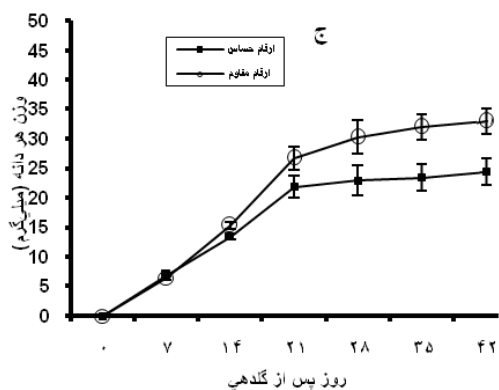
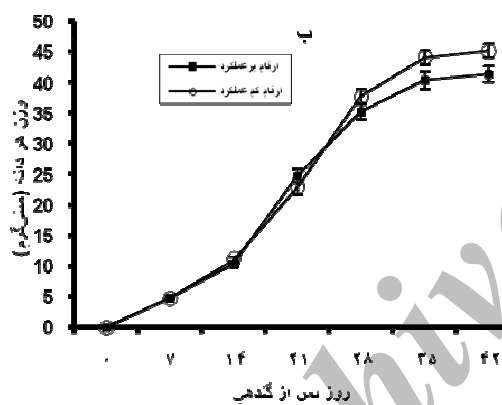
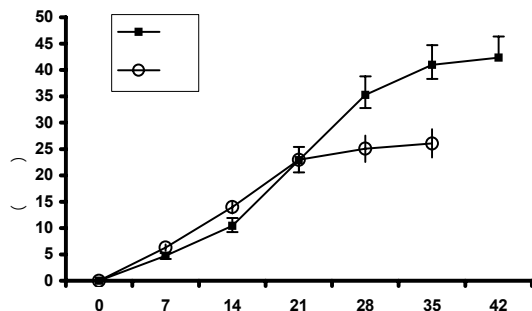
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(2006) Yang et al.



(Blum, 1998; Grabau et al., 1990;  
 .Yang et al., 2001; Yang & Zhang, 2006)  
 (2004) Yang et al.

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1. Starch Branching Enzyme (SBE)
2. Soluble Starch Synthase (SSS)
3. Sucrose Synthase (SuSase)

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(1998) Bishop & Bugbee

Savi & Nicolas

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(2001) Ahmadi & Baker

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(1982) Gebeyehou et al. (1990) Darroch & Baker

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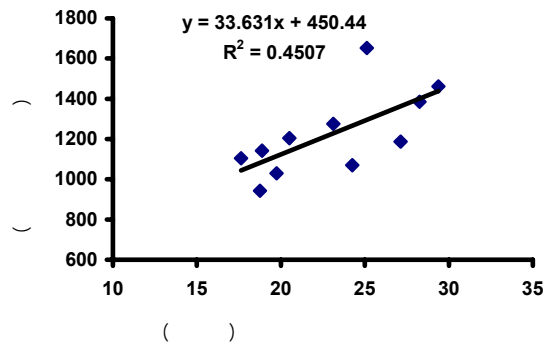
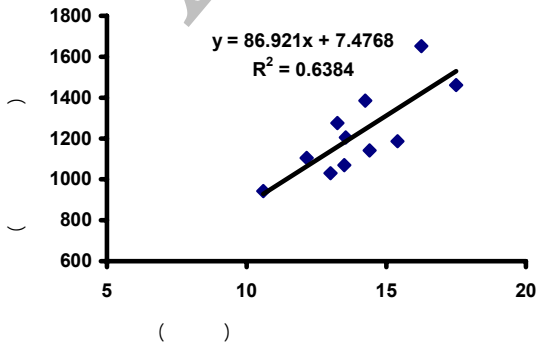
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(Wardlaw

& Willenbrink, 2000; Yang & Zhang, 2006)

(2006) Yang & Zhang

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(1991) Jenner et al. ( )

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1. Fructan exohydrolase (FEH)
  2. Sucrose phosphate synthase (SPS)
  3. Nonstructural carbohydrate (NSC)

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