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(YLD)

(TKW)

(GNS)

(HI)

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STI GMP MP SSI TOL

(1-27-6275/Cf1770/5/Gds/4/Anza/3/Pi/Nar//Hys)

(Darunk)

(1-60-1//Emu's"/Tjb84/3/1-12638)

TOL

GMP STI MP

SSI

(Abaye et al.,

.1997)

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( )

: (1992) Fernandez

(A )

(B )

(Ismail et al., 1999)

(C )

(D )

Fernandez

A

(1978) Fischer & Maurer

(SSI)

(Richards, 1996)

$$SSI = \frac{1 - (Y_s / Y_p)}{SI}$$

$$SI = 1 - (\bar{Y}_s / \bar{Y}_p)$$

$$= Y_p$$

(Rajaram, 2000)

$$= Y_s$$

(1983) Kramer

$$= \bar{Y}_p$$

$$= \bar{Y}_s$$

SSI

SI

(1977) Viets .

C A

(1975) Gibs .

(1989) Edmeades et al. .

- 
1. Stress Susceptibility Index
  2. Stress Intensity

...

(1981) Rosielle & Hamblin

(MP) (TOL)

:

$$TOL = Y_p - Y_s$$

$$MP = \frac{Y_p + Y_s}{2}$$

(TOL)

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(YLD)

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(MP)

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(GNS)

(STI)

(1992) Fernandez

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A

:

$$STI = \frac{(Y_p)(Y_s)}{(Y_p)^2}$$

STI

(1992) Fernandez

(GMP)

:

$$GMP = \sqrt{(Y_s)(Y_p)}$$

MP

A

STI

GMP

GMP

YS

YP

MP

YS YP

YP

(Fernandez, 1992)

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5. Yield
  6. Harvest Index
  7. Grain Number per Spike
  8. Thousand Kernel Weight

- 
1. Tolerance
  2. Mean Productivity
  3. Stress Tolerance Index
  4. Geometric Mean Productivity

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C-79-1	C-73-20
C-79-2	C-75-5
C-79-3	ARWYT(C)-4 TX62A4793-7/CB809//Vee"s"/3/Shi#44140 Crow"s"
C-79-4	1-67-122/4/1-32-1317//II-5017/Y50E/3/...
C-79-5	Alvd/5/Gds/4/Anza/3/Pi/Nar//Hys
C-79-6	1-60-1//Emu"s"/Tjb84/3/1-12638
C-79-7	1-66-49/1-66-44
C-79-8	Hys//Drc*2/7C/3/2*Rsh/5/1-12577
C-79-9	ICWHA81-1473/5/Ti/4/La/3/Fr/Kad//Gd
C-79-10	Recital OWN-3WM-OWM
C-79-11	Ymh/Tob//Mcd/3/Lira(BDME-9)
C-79-12	Ae/Ventricosa//T.Turgidum/2*Mos...
C-79-13	Darunk
C-79-14	Nai60/Hu7//Buc/3/Falke
C-79-15	362K2.111/6/Nkt/5/Tob/Cno67//Tob/8156/...
C-79-16	Kinaci 97951327(SWM12289-7M-OM....
C-79-17	ERYT 1554.90(Donskayapol-Uinten...
C-79-18	Cham4/Tam200/Del 483(960185...
C-79-19	494J6.LL/Roller (960040 CM...
C-79-20	1-27-6275/Cf1770/5/Gds/4/Anza/3/Pi/Nar//Hys

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Statgraph MSTATC SAS Excel

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(GNS)

(YLD)

(TKW)

(HI)

:

(HI)

GNS

$$HI = \frac{\text{TKW}}{\text{YLD}} \times \text{GNS}$$

(TKW)

(YLD)

(TOL)

×

(STI)

(SSI)

(YLD)

(GMP)

(MP)

MP  
(1996) Mozaffari et al. .

(YLD)

GMP STI MP

(1-27-6275/Cf1770)

Gds/4/Anza/3/Pi/Nar//Hys

1-27-6275

x x x  
( )

*Triticum*

1-27-6275

*Compactum*

% /

STI GMP MP  
SSI TOL

Samizadeh et al. (2000) Moghadam & Hadizadeh  
STI (1998)  
(1992) Fernandez (1998) Nourmand Moayed et al.  
(2000) Nikkhah & Hadizadeh  
GMP

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/ ns	/ **	/ ns	ns		
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/ **	/ **	/ **	**	x	
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	ns		*		**

		(Ys)			(Yp)			
		GMP	STI	SSI	MP	TOL	(Ys) ( )	(Yp) ( )
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(HI)

.(Gavuzzi et al., 1997)

STI GMP MP  
SSI TOL

(Darunk)

/ /

.(Hurd et al., 1972)

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		(Ys)			(Yp)			
		GMP	STI	SSI	MP	TOL	(Ys)	(Yp)
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(Fischer & Kertesz,

.1976)

.(Kertesz, 1984)

(GNS)

STI GMP MP

TOL

(Feil, 1992; Loss & Siddique, 1994; Slafer et

.al., 1994)

SSI

:

(1-60-1//Emu's"/Tjb84/3/1-12638)

.(Knott, 1987)

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.(Fischer & Kertesz, 1976; Symes, 1972)

.( )

		(Ys)			(Yp)			
		GMP	STI	SSI	MP	TOL	(Ys)	(Yp)
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(1983) Daulay & Singh .

(TKW)

MP

STI GMP

(1977) Kirby & Jones .

SSI TOL

(1993) Giunta et al.

(GNS)

(1-60-1//Emu"s"/Tjb84/3/1-12638)

(1977) Kirby & Jones

(2000) Nikkhah & Hadizadeh (1993) Giunta et al.

( )

(GNS)



... :

(Ys) (Yp)

		GMP	STI	SSI	MP	TOL	(Ys)	(Yp)
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( ) (TKW)

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GMP STI MP

SSI TOL

(2000) Tarinejad et al. .

(TKW)

(Fischer & Maurer, 1978; Gibbs, 1975; Kirby & Jones, 1977)

(TKW)

( )

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