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**(*Triticum aestivum* L.)**

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.(Curtin et al., 1998)

.(Jarolahi, 1999)

.(Biederbeck et al., 1980)

.(Schillinger & Young, 2004)

.(Torbert et al., 1999)

.(Bahrani et al., 2002)

.(Potter et al., 1999)

.(Fatima et al., 2002)

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.(Akintoye et al., 1997)

/ / pH Silty loam /

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(Abdel Monem & Ryan, 1997)

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(Toushah, 2004;

.Biederbeck et al.,1980)

.(Biederbeck et al.,1980; Toushah, 2004)

(Chisel)

(Chisel

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.(Payne, 2000)

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| / B | AB  | / B | / A | / B | AB | / A |
| / A | A   | / A | / A | / A | A  | / A |
|     |     | ( ) |     |     |    |     |
| / B | B   | / B | / C | / B | C  | / B |
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Muchow &

(Bruce et al., 2006)

(1988) Davis

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(Evans, 1997)

(Honarnejad, 1991)

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|        |        |       |       |        |        |       |       | (kg/ha) |
|--------|--------|-------|-------|--------|--------|-------|-------|---------|
| / EF   | / EF   | / H   | / H   | / FG   | / F    | / E   | / E   |         |
| / WF   | / BCDE | / GH  | / FG  | / F    | / F    | / DE  | / CD  |         |
| / EF   | / BCDE | / DE  | / DE  | / BCDE | / DE   | / EF  | / ABC |         |
|        |        |       |       |        |        |       |       |         |
| / DE   | / DE   | / EF  | / CDE | / G    | / ABCD | / ABC | / ABC |         |
| / DE   | / ABC  | / B   | / C   | / ABC  | / A    | / ABC | / ABC |         |
| / DE   | / ABCD | / GH  | / DE  | / F    | / ABCD | / BCD | / CD  |         |
|        |        |       |       |        |        |       |       |         |
| / EF   | / E    | / GH  | / G   | / G    | / CDE  | / CD  | / E   |         |
| / BCDE | / ABC  | / BCD | / DE  | / F    | / EF   | / BCD | / ABC |         |
| / AB   | / A    | / A   | / A   | / CDE  | / AB   | / ABC | / ABC |         |
|        |        |       |       |        |        |       |       |         |
| / b    | / a    | / b   | / a   | / b    | / a    | / b   | / a   |         |

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(% )

| ( )  |      | ( )    |         | ( )   |      |
|------|------|--------|---------|-------|------|
| F    | EF   | / EFG  | / CDEF  | F     | EF   |
| EF   | CDEF | / G    | / CDEFG | / EF  | CDEF |
| BCD  | CDEF | / CDEF | / DEFG  | BCD   | BCDE |
| BCD  | BCD  | / EFG  | / B     | / DEF | BCD  |
| ABC  | ABC  | / DEFG | / BC    | BCD   | A    |
| CDEF | BCD  | / EFG  | / CDE   | BCDE  | AB   |
| CDEF | DEF  | / EFG  | / A     | / DEF | BCD  |
| ABC  | BCDE | / CDEF | / B     | ABC   | ABC  |
| A    | A    | / FG   | / BCD   | AB    | A    |
| b    | a    | / b    | / a     | / b   | a    |

(kg/ha)

( % )

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(1999) Halvorson et al. ( )

(2002) Yang et al.

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C/N

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.(Araus et al., 2003)

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(Uhart & Andrade,

.1995)

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.(Jones et al., 1993)

(1999) Halvorson et al.

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(Leaf spot)

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.(Halvorson et al., 2004)

Latiri-Souki et al.

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(1998)

C/N

(Evans, 1997)

$r=0.509^*$

$r=0.846^{**}$

$r=0.636^{**}$

$r=0.486^{**}$

$r=0.864^{**}$

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(Toushah, 1998)

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% % \*\* \*

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