

()

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(/ / : / / :)

Grate Lake 118

(EC, pH)

(EC, pH)

()

2001; Malakouti, 1999)

(Malakouti, 1999) %

(Quedraogo et al.,

(Nevens, 2003;

Quedraogo et al., 2001)

()

()

()

%

%

%

%

%

%

%

.(Padashte Dehkaei, 1998)

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.(Pinamonti & Zorzi, 1996)

(1985) Starck & Oswiecimski

" "

Reis et al. .

)

(2001)

.(

()

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:::

: :

/

EC .

.(Urestarazu et al., 2002)

...

:

| () | () | () | (g/cm ³) | (g/cm ³) | |
|-----|-----|-----|----------------------|----------------------|-----|
| / | / | / | / | / | () |
| / | / | / | / | / | |
| / | / | / | / | / | |
| / | / | / | / | / | + + |
| / | / | / | / | / | + + |
| / | / | / | / | / | + + |
| / | / | / | / | / | + + |
| / | / | / | / | / | + + |
| / | / | / | / | / | + + |
| / | / | / | / | / | + + |

(TBC:SOIL)

%

pH .

pH

(/)

()

(/) (TWC+TBC)

/

()

=

=

=

SPSS

(/)

(TWC+TBC)

()

(/)

EC

()

/)

EC

()

/)

(/)

TWC+TBC

(

EC

(TWC+TBC)

(/)

()

(3TWC+SOIL)

%

/) (TWC+TBC)

/)

(

%

(3TBC:SOIL)

| (mg/kg) | (mg/kg) | | | pH | (mS/cm) | |
|---------|---------|---|---|----|---------|-----|
| / | / | / | / | / | / | () |
| / | / | / | / | / | / | |
| / | / | / | / | / | / | |
| / | / | / | / | / | / | + + |
| / | / | / | / | / | / | + + |
| / | / | / | / | / | / | + + |
| / | / | / | / | / | / | + + |
| / | / | / | / | / | / | + + |
| / | / | / | / | / | / | + + |
| / | / | / | / | / | / | + + |

()

(TWC+ TBC)
 :: TWC+TBC+SOIL
 : TWC+SOIL ()
 . () %
 (TWC+ TBC)
 3TWC+SOIL :: TWC+TBC+SOIL
 : TWC+SOIL

()

()
 %
) : TWC+SOIL (/)
 ((TWC+TBC)
 () %
 () () ()

| (g/plant) | (g/plant) | (g/plant) | (g/plant) | (g/plant) | (g/plant) |
|-----------|-----------|-----------|-----------|-----------|-----------|
| / ** | / ** | / ** | / ** | / ** | / ** |
| / | / | / | / | / | / |

| (%) | | | | | | | |
|------|-------|-----|-----|------|------|------|-----|
| () | () | () | () | () | () | () | () |
| / e | / d | / i | g | / a | / e | / e | () |
| / de | / d | h | f | / ab | / e | / e | + |
| / d | / cd | / g | f | / ab | / de | / e | + |
| / c | / c | / f | e | / ab | / d | / de | + |
| / cd | / bcd | / e | d | / ab | / c | / cd | + |
| / c | / bc | / d | c | / ab | / b | / bc | + |
| / a | / ab | / a | b | / ab | / a | / ab | + |
| / b | / a | / c | c | / ab | / b | / ab | + + |
| / ab | / a | / b | a | / b | / a | / a | + |

() (/)

TWC+SOIL

: TBC+SOIL :

TBC+SOIL : TBC+SOIL

: % TBC+SOIL : TWC+SOIL

%

%

(/)

/ (TWB+TBC) ()

()

()

%

()

TWC+SOIL

()

() :

(/)

: TWC+SOIL

(TWC+TBC)

::

TWC+TBC+SOIL

| (%) | | | | |
|-----|------|-----|------|-----|
| / f | / a | / b | / b | () |
| / e | / ab | / d | / cd | + |
| / e | / a | / a | / a | + |
| / e | / b | / b | / b | + |
| / e | / cd | / b | / b | + |
| / d | / ab | / c | / bc | + |
| ab | / c | / d | / cd | + |
| / b | / d | / e | / d | + + |
| / c | / e | / f | / e | + |

EC_{≤2}

%

(3TWC+SOIL)

%

(3TWC+SOIL)

(TWC+TBC)

EC

()

EC

EC

EC

EC

EC

%

EC

()
(TWC+TBC)

(1998) Padashte Dehkaei

(+)

(Padashte Dehkaei, 1998)

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