

()

(*Sinapis arvensis*)
(*Rapistrum rugosum*)

(*Avena ludoviciana*)
(*Hordeum spontaneum*)

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(*Avena ludoviciana*)
(*Rapistrum rugosum*) (*Hordeum spontaneum*) (*Sinapis arvensis*)
(*Hordeum vulgare*)

(Hulm, 1998a; Pullaro et al., 2006)

(Andersen, 1989; Hulme, 1998a)

(Davis et al., 2004; Jordan et al., 1995)

(Hartzler

et al., 2006)

(Brust, 1994;

Westerman et al. (2003a) .Kromp, 1999)

(Cardina et al., 1996; Menelled et al.,

2000)

(Tooley, et al., 1999)

(Holmes & Froud-Williams, 2005)

(Mauchline et al., 2005)

% %

(Westerman et al., 2003a)

(Westerman et al., 2003b)

(Davis & (Westerman et al., 2003b)
Liebman, 2003; Heggenstaller et al., 2006; Jacob et
(Hulme, 1998b; Povey et al., al., 2006)
(Hensen, 2002; 1993; Pullaro et al., 2006)
(Gallandt et Munoz& Cavieres, 2006)
al., 2005; Jacob, et al., 2006; Tooley, et al., 1999)
(Hammond, 1995; Marino et al.,
2005; Willson & Whelan, 1990)

(2005) Marino et al.

(Gorb & Gorb, 2000; Hughes

.& Westoby, 1990)

(Westerman et al., 2003b)

*

(Marino et al., 2005)

-
4. *Avena fatua*
 5. *Cirsium arvense*
 6. *Sinapis arvensis*
 7. *Polygonum aviculare*

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1. *Chenopodium album*
 2. *Stellaria media*
 3. *Chenopodium album*

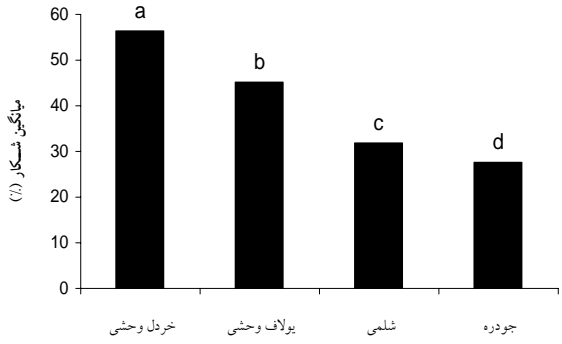
.() (P= /)

F

/	***	/			
/	***	/			
/	***	/			
/	***	/			
/	***	/			×
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P= / :***

W



P= / LSD

Arcsin \sqrt{X}

SAS

P= / LSD

/	***	/	***	/	***	/	***
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P= / :***

.()

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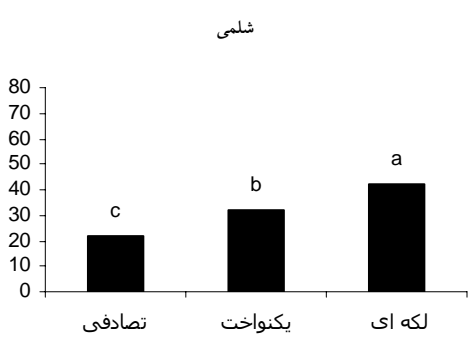
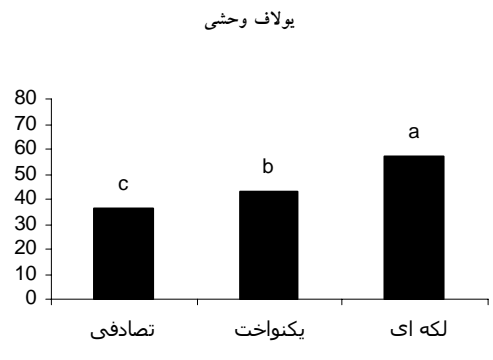
% /

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.()

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میانگین شکار (%)

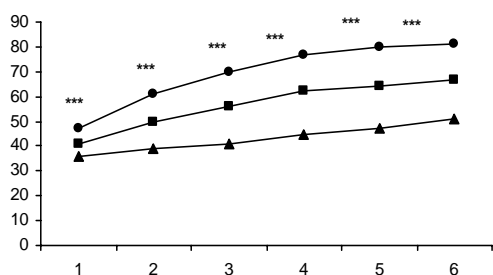


P= / LSD

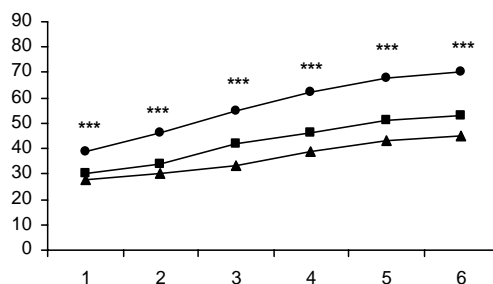
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خردل وحشی

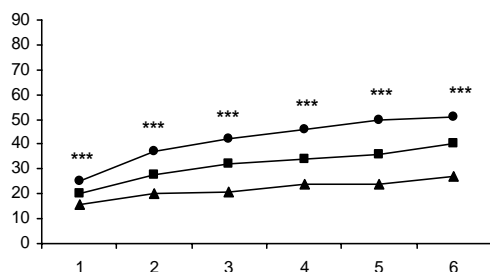


یولاف وحشی

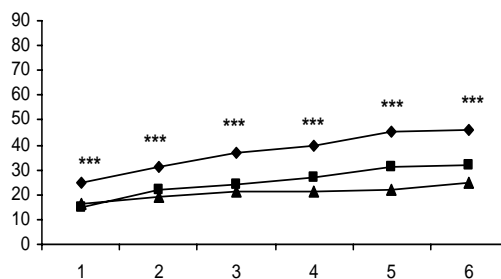


میانگین شکار (%)

شلیمی



جودره



زمان

*** (:▲ :■ :●)

P= /

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(Hartzler et al., 2006)

(Ghersa & Martinez-Ghersa, 2000; Hartzler, et al., 2006; Menalled et al., 2007; (2006) Jacob et al. Pullaro et al., 2006)

/ e	/ d	/ e	/ e
/ d	/ c	/ d	/ d
/ c	/ b	/ c	/ c
/ b	/ b	/ b	/ b
/ b	/ a	/ a	/ ab
/ a	/ a	/ a	/ a

LSD

P= /

()

/ b	/ b	/ b	/ c
/ b	/ b	/ b	/ b
/ a	/ a	/ a	/ a

P= /

LSD

1. *Lolium rigidum*
2. *Raphanus raphanistrum*

(Forcella et al., 1992)

(Gorb &

Hammond .Gorb, 2000; Hughes & Westoby, 1990)

(1995)

.(Jacob et al., 2006)

.()

.()

(2005) Marino et al.

.(Willott et al., 2000)

(% / % /)

.(Munoz & Cavieres, 2006)

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