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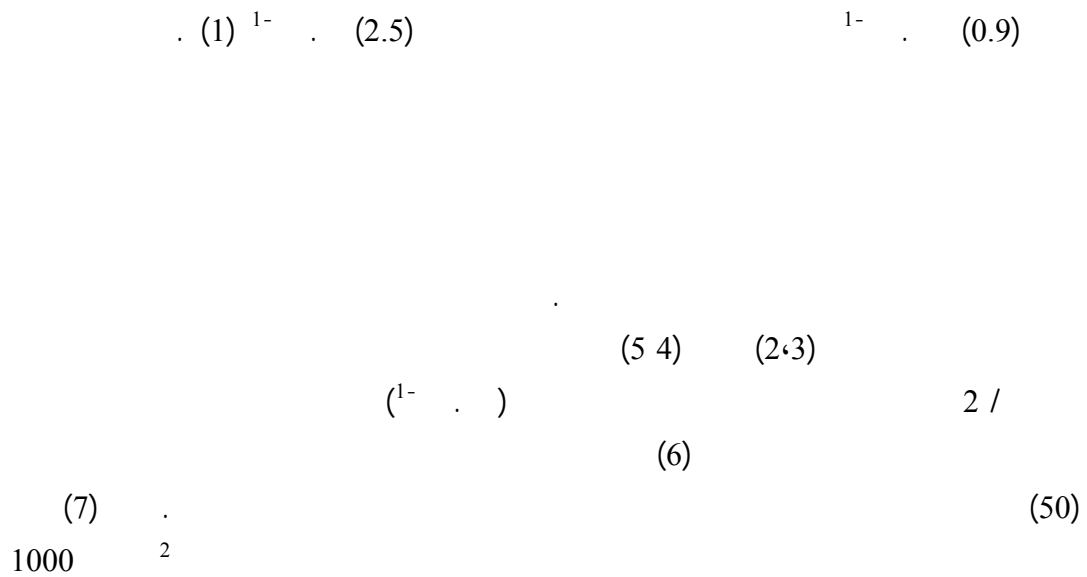
Estimation The Ability Of Bearing Some Wheat Cultivars For The Weeds Competition

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Abstract

Afield experiment was conducted during 2007-2008 winter season at the farm in Ramadi city. The study aims to identify the ability of bearing some wheat cultivares for the weed competition in some chractars growth , Yield and yield components . The randomize complete block design arranged in split plot design; with three replections. The main plats included weed treatment,(weedy cheack) , grass weed treatment , border leaved treatment and weed free treatment. While sub plots included wheat cultivars:Fatah,IPA99,Abu-Grab3,Sali and Shamm6. The Results Showed that significant differences between wheat cultivars at weed competitive ability in all characteries under this study. The cultivar IPA99 gave grain yield (6.17)Ta/ha. In weed free treatment gave (7.06) Ta/ha. While the bored leaved weed treatment gave (6.80) Ta/ha, grass weed treatment gave (4.90)Ta/ha, while weed

check treatment gave (4.95)Ta/ha. The cultivar Sali was not effect in grain weight. The results showed that weed free treatment gave height grain yield (6.37) Ta/ha. While the leaved weed treatment gave (5.87) Ta/ha. Grass weed treatment gave (5.05)Ta/ha. And weed cheack treatment gave (4.39)Ta/ha. It can be concluded that the best cultivar for this study Fatah and Shamm6 which that ability of bearing the weed competition. While the Abu-Grab3 and IPa99 the highest sensitivity to weed competition.



2008- 2007

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(7)	20	5	2007/11/20
1	2008/5/18		
2	68		
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			()
	(1)		.1
85.48	85.7	88.01	83.92
	(9 8)		
83.32	87.42	3	87.12
	6		
	(10)		

-2007

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(1)

2008

87.12	84.12	86.07	88.16	90.14	
85.85	83.92	85.20	86.14	88.16	99
87.42	86.12	86.15	88.24	89.18	3
84.43	82.06	85.34	84.11	86.22	
83.32	80.23	84.40	82.33	86.35	6
-----	83.29	85.48	85.79	88.01	

N.S=

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1.25=

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10.74	12.26	10.11	10.88	9.38	
11.11	12.80	10.80	11.60	9.25	99
10.45	11.45	10.85	10.32	9.18	3
10.66	12.02	11.25	10.32	9.08	
10.87	12.35	10.60	10.40	9.80	6
-----	12.24	10.72	10.70	9.33	

N.S=

×

0.65=

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326.66

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473.04

2 /

2 /

405.22 374.68

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.(10 9 8)

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488.5 2 /

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408.6 355.6 342.2

.(14 13)

-2007

2 /

(3)

2008

381.74	450.1	400.1	385.7	290.0	
412.77	488.5	408.6	411.8	342.2	99
402.9	495.2	395.6	365.2	3.55.6	3
385.27	484.2	411.8	360.5	284.6	
394.07	455.2	410.0	350.2	360.9	6
-----	473.04	405.22	374.68	326.66	

32.56=

×

14.25=

21.32=

0.05

/ .4

(4)

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473.04

(9 8)

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99

(10)

(50.30) (55.20)

6

(99)

/ (34.02)

.(10 8)

(4)

2008-2007

41.02	45.00	40.22	40.05	38.82	
44.84	50.20	44.31	43.60	41.25	99
42.80	48.50	44.30	40.29	38.12	3
37.46	42.52	37.19	36.12	34.02	
44.81	50.30	49.60	40.80	38.56	6
-----	47.30	43.12	40.17	38.15	
2.40=	×	1.18=	1.52=	0.05	

1000 .5

(5) 1000

(38.15)

(47.30)

1000

(43.12)

(40.17)

(6)

1000

1000

(33.37)

(37.75)

6

(38.40)

6

(38.0) (36.20)

.(15)

1000

2008-2007

1000

(5)

33.87	34.32	34.20	34.16	32.82	
35.94	37.30	35.18	35.12	36.18	99
35.35	35.80	36.30	35.11	34.20	3
33.37	34.65	33.25	33.19	33.04	
37.75	38.40	36.20	38.0	38.42	6
-----	36.09	35.02	35.11	34.80	
1.45=	×	0.92=	0.80=	0.05	

.6

(6)

()

1- . (6.37)

. (4.39)

/ 2 /

(5.6)

1000

.(2.3.4) 1000

1- . (6.17)

99

99

.1- . (4.08)

(3.4)

(16)

1- . (7.06)

99

1- . (3.15)

(19 18 17)

(/)

(6)

2008-2007

5.63	6.30	5.90	5.11	5.20	
6.17	7.06	6.80	4.90	4.95	99
5.74	6.83	6.15	5.10	4.88	3
4.08	4.80	4.32	4.05	3.15	
5.75	6.90	6.20	5.12	5.80	6
-----	6.37	5.87	5.05	4.80	
1.87=	×	1.18=	0.45=	0.05	

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.106-96:(2)10 .

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.125-110: (1) .(7)

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