

20
 (20
 100
 2010/3/7
 2010/2/7
 t
 (%73.7)
 (5.4,3.2,1)
 .3
 38
 .SPSS
 (%86.8)
 18.2
 **
 *
 -
 **
 *

(1988)
)
 .(2006

.(1999 Tisdale)
 ,(1985 Kannan)
 (2005)
 %85 (1988)

(2000 Heyland)

(. (, , , ,))

(P N)

.(2006 Jamal)

.(2007)

.(1989)

.(2001)

.(1989)

-:

- 1
- 2
- 3

)

:

- 1
- 2
- 3

, ,)

.(

:

(2000)

:

:

8

(38)

.1

.1

%				
23.7	9		38	8
7.9	3			
21.1	8			
26.3	10			
2.6	1			
2.6	1			
7.9	3			
7.9	3			
100	38			

-:

:

:

.2

20

.2

%			
41,18	9		1
29,41	7		2
29,41	4		3
100	20		

:

:

(11) %75

()

10

2010/

(2002)

()

(0,91) Pearson
(0,97)

100

()

20

(

(5,4,3,2,1)

5

.4 3

.3

20-1	
40-21	
60-41	
80-61	
100 -81	

.4

4-1	7-1	9-1	
8-5	14-8	18-10	
12-9	21-15	27-19	
16-13	28-22	36 -28	
20-17	35-29	45 -37	

.5

	%		
41.25	10.5	4	44-40
47.7	15.8	6	49-45
51.6	57.9	22	54-50
57.3	15.8	6	-55
	100	38	

5

:

:

-1

26-10
9

45

22.4

%94.7

.6

22.5

.6

	%		
10	5.3	2	18-10
23.1	94.7	36	-19
	100	38	

6

2.5

2.68-2.21

.7

.7

0.66	2.68		1
0.67	2.66		2
0.60	2.53		3
0.60	2.53		4
0.60	2.47		5
0.60	2.45		6
0.60	2.43	NPK ()	7
0.60	2.42		8
0.62	2.21		9

:

-2

23 -8

7

35

18,1

.8

17.5

.8

	%		
11	5.3	2	14-8
18.2	86.8	33	21-15
22.3	7.9	3	-22
	100	38	

8

2.6

2.76-2.45

.9

.9

0.67	2.76		1
0.68	2.61		2
0.60	2.61		3
0.60	2.58		4
0.72	2.58		5
0.51	2.52		6
0.60	2.45		7

:

-3

14-9

4

20

10.3

%94.7

.10

10

.10

	%		
10.1	94.7	36	12-9
13.6	5.3	2	-13
	100	38	

10

2.6

2.66-2.47

.11

.11

0.53	2.65		1
0.54	2.60		2
0.60	2.55	()	3
0.55	2.47	()	4

:
:
: -1

(0.5**) Pearson
(t) (2.7) (t) (3.5)
(0.01)
(_69)
12 (55.3)

.12

t			%		
3.5	**0.5	48.2	13.2	5	28-21
		49.9	21.1	8	36-29
t 2.7	0.01	50.1	18.4	7	44-37
		50.7	18.4	7	52-45
S.D = 15.5		50.8	10.5	4	60-53
$\bar{x} = 44.8$		55	7.9	3	68-61
		55.3	10.5	4	-69
			100	38	

2- العلاقة بين الحاجات المعرفية والتحصيل الدراسي :-

(2.2) spearman
 (- 0.34)
 (t)
 (0.05) (2.02) (t)

(52.9)

13
 .13

t			%		
2.2	*0.34-	52.9	38.8	14	
t 0.02	0.05	49.1	18.4	7	
S.D = 1.7		52.6	13.2	5	
$\bar{x} = 2.7$		50.5	5.3	2	
		47.9	21.0	8	
		49.5	5.3	2	
			100	38	

:- -3

(0.24) spearman
 (t) (2.7) (t) (1.4)

(51.5)

14

.14

t			%		
1.4	0.24	49.3	31.6	12	
t 2.7					
S.D =0.47		51.5	68.4	26	
$\bar{x} = 1.7$			100	38	

-: -4

(1.7) (-0.21) spearman
 (t) (2.7) (t)

15 (52.7)

.15

t			%		
1.7	-0.21	47.9	39.5	15	
t 2.7					
S.D =0.50		52.7	60.5	23	
$\bar{x} = 0.45$			100	38	

-: -5

(-0.016)
 (t) (2.7) (t) (0.1)

16
.16

t			%		
0.1	0.016	51.1	86.8	33	2-0
t 2.7					
S.D =0.9		48.8	13.2	5	-3
$\bar{x} = 1.5$			100	38	

:
-1
-2

:
-1
-2

.1988 .

/

.2006 .

.2005 .

.1989.

.2002 .

.119 .

.2005 .

.Triticum aestivum L.

.1988.

.2000.

.193 .2 .

.1989.

148-134 .13 .34 .

.2007 .

.17 .

.1995 .

.129 .

.2001 .

.27 .

.1 .

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THE KNOWLEDGE NEEDS OF FARMERS FOR PROTECTED FOLIAR VEGETABLE APPLICATION OF FERTILIZER AT AL RASHDIA DISTRICT .

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Khalida shawkat**

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ABSTRACT

The research aimed to determine the Knowledge needs of Protected vegetable farmers in the field of foliar application of fertilizer at Al Rashdia District/Baghdad.

To achieve the research targets, a measurement was prepared to determine the Knowledge needs, which consist of (20) items distributed on three interlocutors as follow: 1.The economical importance of foliar application. 2.The method of adding foliar application.3.Time of addition. The process of preparing this measurement consist of 6 stages and restrict 5 levels for extension needs that are: no need, little need, moderate need, severe need ,very severe need and weighted as 1,2,3,4, and 5 respectively. The highest measurement degree was 100 degree and the lowest degree was 20 degree.

The data were collected for the period from 7/2/2010 to 7/3/2010 as a questionnaire by mean of random sample, consist of (38) farmers ,and by interview method .Several statistical tools had been used in data analysis. Percentages, Mathematical Means, Standard Deviations, Pearson Correlation Coefficients and T-test were used to analyze the data by using Spss program.

The research revealed that 73.7% of the majority of farmers had arange of extension needs more than the middle measurement degree and it lies with the intermediate need, while 86.8% of the farmers had aknowledge need which amounts to 18.2 degree. and it is recommended to build up with extension programs to fulfill the knowledge of farmers in the field of fertilization foliar.