

# **Roles of Participation Breeders (Men & Woman) Giving Services to the Farm Animals in AL-Rashdia District – Baghdad Governorate**

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## **ABSTRACT**

This research aimed to the Roles of Participation Breeders (Men & Women) Giving Services to the Farm Animals in AL-Rashdia District – Baghdad Governorate. The process of Building the Participation Scale stages, are: 1. literatures folders extension in field of farm animals, containing sixth field, nineteen items .the 2. apreliminary participation scale was showed to a group of (9 experts and specialized persons) in agricultural extension field, veterinary & animal products, to express their opinions about fields and items of the participation scale and its fitness. 3.: used the tri participation scale roles of participation giving services to the farm animals consists of :Always Participation , Sometimes Participation and Rare Participation, and put degrees of the tri scale participation according to: Always Participation three degrees, Sometimes Participation two degrees and Rare Participation one degree.

The participation scale range between lower score (1 degree), higher score (3 degrees) and average (2 degrees). The research population is (732 Breeders) divided to (315Men) and (417Women) in (14 villages). Samples were chosen from both breeders and rural villages as follow: 1.A sample was randomly chosen using the stratified method a percentage of (20%) total numbers are (146 Breeders) as follow: (63 Men,83 Women). 2. A sample was randomly chosen a percentage of (25%) the numbers are (4 villages). . A questionnaire used to collect data's from the sample. The statistical tools used are the Weighted Mean, Alpha cronbach coefficient.

This research ended to the Roles of Participation Breeders (Men & Women) giving services to the farm animals were very active and influent, the Women participation was a higher than Men in that service. The research recommendation that aiming to support Men and Women Services to the farm animal's fields, that reflected a positive improving productivity and production of farming system.

**KeyWord:** Roles , Participation , Gender(Men & Women)

## **Introduction**

## **Roles of Participation Breeders (Men & Woman) Giving Services to the Farm Animals in AL-Rashdia District – Baghdad Governorate .....**

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Rural family , with all what it consists of (farmers , rural Women, rural youths) , Consider the main elements in agricultural work (plants , animals and housework's) , and developing productivity and the production of farm animals by application of scientific recommendation and solution agricultural and productivity problems to participate in the sustainable development and reaching self and national satisfaction of both levels . The agricultural production achieving the goals of especially in the agricultural animal production.

Agricultural Development is influence of numbers of factors , One of them is the participant roles breeders for rural families , especially ( Men & Women) to achieve these goals , many scientific studies and extensional and agricultural statistics insisting on participate role, for example (Arab Organization of Agricultural Development , 2004) mentioned that Men and Women are 57% of rural family groups in agricultural field active. (UN, 2007) mentioned that the most important development indicator in any country depending mainly on clear strategy for the sociological roles. (UN Training Workshop, 2010) mentioned that achieve continues development should be depending on clearly limits for participant roles and not on sex or biological classification for the community. (AL-Iqabany, 2010) said that the clear limit for the concept of the sociological gender instead of sex was a natural reaction against vilification and unjust against women, specially in the rural community in all its fields are active. (AL-Hamdany, 2005) mentioned that Men and Women are the heights rate in adoption and applying practice technologies of animal agricultural activity. (Jaber, 2006) mentioned the important sociological roles also economical and productive acted by that community group (Men and Women) and considered that the base to identify activity of communities (AL-Taii, 2006) said that Men and Women one of main strongest human productive in the rural community (Ahmed and Ismail, 1998) said that success of any developing programmed depends basically on mentioning the roles of which will be done by Men and Women.

Though the importance of participant roles of the breeders (Men and Women) in the agricultural animal work , many of scientific studies , agricultural and statistic specified many weak points , for example (AL-Misery, 1995) mentioned one of the most important and more influential problems in the development efforts in the developing countries was the absence of the participation role in all fields. (Arab Organization of Agricultural Development , 2007) said that weak and absence of database about numbers , ages , educational levels and other database . Also (AL-Jobbey, 2006) said there is knowledge; skill and spiritual are more needed in the agricultural animal production field.

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(AL-Jassani, 2006) said there is obvious weakness and absence giving more attention and care concerning participant roles for both Men and Women.

To develop and support participating roles for the breeders Men and Women in serving the agricultural animal , this research made to reveal the following questioning :

- What are participating roles for the Men and Women in serving agricultural animal in AL-Rashdia District -Baghdad Governorate?
- what are participating roles for the Men and Women in serving agricultural animal in AL-Rashdia District-Baghdad Governorate and in every fields of this service?

### **Goals of the Research**

1. Diagnosis of participating roles for the both Men and Women in serving agricultural animal in AL-Rashdia District-Baghdad Governorate .
2. Compare between of participating roles for the both Men and Women in serving agricultural animal in AL-Rashdia District-Baghdad Governorate and in every field of this service.

### **Importance of the Research**

1. Participating roles for the Men and Women in serving agricultural animal in AL-Rashdia District-Baghdad Governorate and in every field of this service.
2. Prepare database to construct extensional and training programmed and take part satisfy skill knowledge attitudes.

### **Operate Define**

1. Participating roles for the both Men and Women in serving agricultural animal: is the level work of both in serving the agricultural animals, and specified according to degree which any one of them received.
2. Serving agricultural animal of rural family: is all daily agricultural activities that both do.

### **Material and Methods**

1. Methodology: this researched classified as survey research within descriptive method (Abdul Fatah & Muhammad, 2004).
2. Population of the research: the research consists of following:
  - a. Men and Women: 732 breeders in Rashidia District-Baghdad.
  - b. Rural Villages: 14 Villages in Rashidia District-Baghdad Governorate.
3. Sample of the research: sample of the research consist of the following:
  - a. A sample was randomly chosen using the stratified method a percentage of (20%) the numbers are (146 Breeders) as follow: (63 Men) and (83 Women).
  - b. A sample was randomly chosen a percentage of (25%) the numbers are (4 villages).

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4. Buliding the participating role of the breeders (Men Women) scale consists of in serving agricultural animal, following stages:

First stage : preparing the scale of participating roles of the breeders (Men&Women) in serving agricultural animal in its priminary through literatures and leaflets concerned with serving agricultural animals , that made of (6 fields) and (19 items) , as table (1):

**Table (1): scale of participating roles of the breeders (Men & Women) in serving agricultural animal in its priminary**

Filds		Items	Total of fields	Total of items
Animals breeding		Feeding	1	5
		Watering		
		Milking		
		Eggs collecting		
		Wool shear		
Diseases protected		Animal cleaning	1	3
		Pens disinfection		
		Waste collection		
Disease controlling		Disease diagnosis	1	3
		Disease incidence		
		Disease dose		
Agricultural animal marketing	Products industerlization	Dairy	3	8
		Wool		
	Products transporting	Dairy		
		Wool		
		eggs		
	Products sells	Dairy		
		Wool		
		eggs		
Total of fields and items			6	19

Second stage: showing the participants roles scale agricultural animal in its primilenary to group of (9 experts) in fields of veterinary, animal production and agricultural extension, to explain their opinion in fields & items of the suggested scale and what it needs of amendments to decide final scale, as shown table (2):

**Table (2): Experts opinion in fields & items of the suggested scale and what it needs of amendments to decide final scale**

Alternative	Fields		Items	
	No.	%	No.	%

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Good	7	78	8	89
Not good	2	22	1	11
<b>Total</b>	9	100	9	100

So fields & items of scale been kept that achieved opinion of the experts.

Third stage : tri participant rule scale for Men and Women to serve the agricultural animal is used which consist of three levels : always participate , sometimes participate and rarely participate , and given a degree for each level as follow : always participate three degrees , sometimes participate tow degrees and rarely participate one degree . So, the lower degree of the scale is (1 degree) and higher degree of the scale is (3 degree) and the rate is (2 degree) .

Fourth stage: participant roles scale to serve agricultural animal classified into three groups as shown in table (3):

**Table (3): Degrees of levels scale of participating roles of the breeders (Men & Women) in serving agricultural anima**

Alternative of scale of participating roles of the breeders (Men & Women) in serving agricultural animal	Degrees of levels scale of participating roles of the breeders (Men & Women) in serving agricultural animal
Rare participation	1.00 – 1.40
Sometimes participation	1.50 – 2.40
Always participation	2.50 – 3.00

5. Instrument of data tool: the research used the questionnaire data from the research sample.

6. The validation instrument data tool: data tool as a way to shown to a group of experts in veterinarians, animal production and agricultural extensions (9 experts), most of the agreed as in (table 2).

7. Reliability instrument data tool: data tools were pre-test in May 2008 and random sample consist of 20 Men and Women using (alpha coefficient cronbach) to test the reliability instrument data tool. (Abu-Hatab et, al, 1987) said that this factor is used in case using tri scale, (Zaitouny, 2001) said that the value of factor should not to be less than 0.80, as in table (4) :

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**Table (4) : Reliability instrument data tool**

scale of participating roles of the breeders (Men & Women) in serving agricultural anima		alpha coefficient cronbach
Animals breeding		0.91
Diseases protected		0.90
Disease controlling		0.87
Agricultural animal marketing	Products industerlization	0.88
	Products transporting	0.89
	Products sells	0.88
<b>Total value of alpha coefficient cronbach</b>		<b>0.87</b>

8. Statistical methods: the following static methods were used to analysis the data:

1. Weigheted mean: to describe respond of research sample about participating roles of the Men and Women in serving.
2. Alpha coefficient cronbach factor: to find reliability instrument data tool.

## Results & Discussion

**First goal : diagnosis the participating roles for the breeders Men and Women in serving agricultural animal in Rashidia District-Baghdad Governorate**

it was shown that weighted mean for the participant roles and for all fields 2.10 for men and 2.45 women, as fig. (1) :



**Fig.(1) : the participating roles for the breeders Men and Women in serving agricultural animal in Rashidia District-Baghdad Governorate**

That fig. (1) Shown there is difference in role for every men & women, but in spite of that, it is within the participant group sometimes up to always that because of many factors such as:

- a.They is forming a high percentage and different ages from total rural groups.

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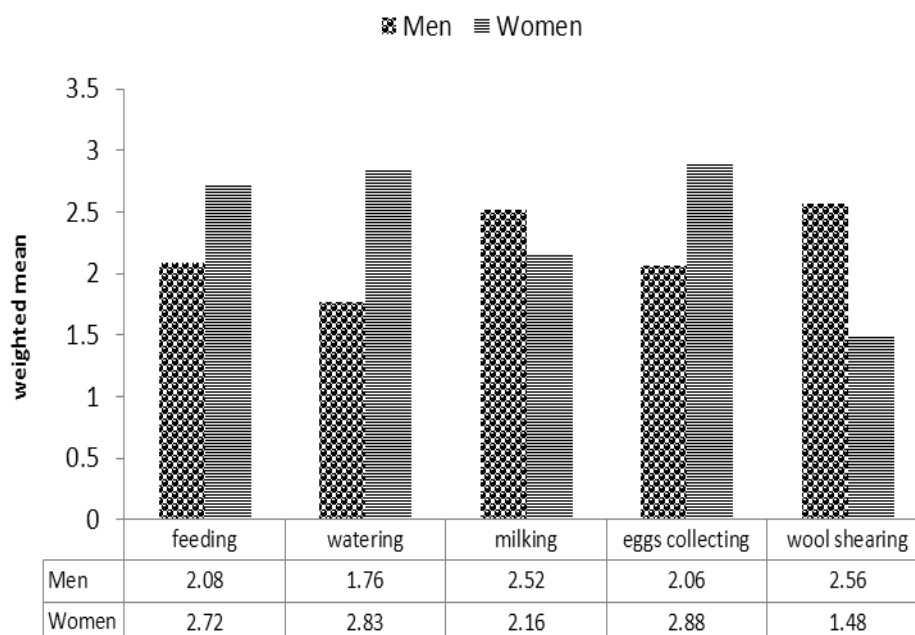
b.Fields of agricultural animal serving considered an income source for the rural families.

c.Long working hours spent by these rolr families in serving the agricultural animal.

Second goles : Compare between participating roles for Men and Women in serving agricultural animal in Rashidia District-Baghdad Governorate and in all fields of serving animals.

### 1. Participating roles for Men and Women in serving agricultural animal in field of breeding of agricultural animals

That the weighted mean for the participating roles in agricultural animal for men 2.20 and for women 2.41, as in fig. (2) :



**Fig. (2) : participating roles for Men and Women in serving agricultural animal in field of breeding of agricultural animals**

That fig. (2) Shown in roles for Men and Women, but in spite of that, it is within the participant group (sometimes up to always) . may be that because of many factors such as:

A.women gives more care to the agricultural animal.

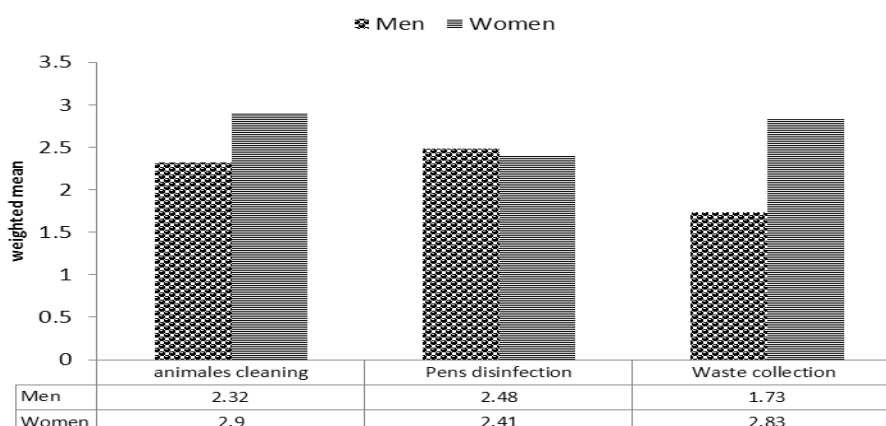
b.the length of daily working hours that's spend by serving the agricultural animals also pens are near it .

### 2. Participating roles for Men and Women in serving agricultural animal in field of protect agricultural animals from disease

That the weighted mean for the participating roles in agricultural animal for men 2.17 and for women 2.72, as in fig. (3):

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**Fig. (3) : participating roles for Men and Women in serving agricultural animal in field of protect agricultural animals from disease**

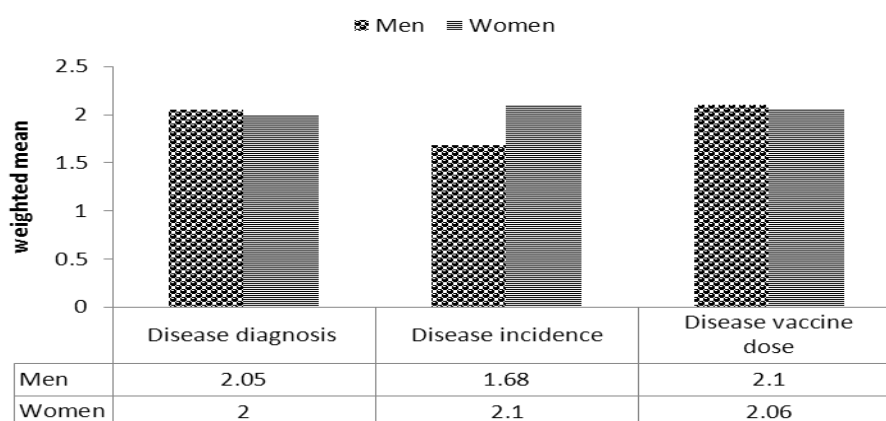
That fig. (3) Shown in roles for Men and Women, but in spite of that, it is within the participant group (sometimes up to always) , this result to many factors, as follow:

A.almost of these do not need skills or efforts but it is mostly homework.

B.these healthy and precaution fro diseases are considered part of the daily work that done by women only for the agricultural animal but it covers the health side for the house and children also.

### 3. Participating roles for Men and Women in serving agricultural animal in field of controlling agricultural animals from disease

That the weighted mean for the participating roles in agricultural animal for men 2.01 and for women 2.05, as fig. (4) :



**Fig. (4) : participating roles for Men and Women in serving agricultural animal in field of controlling agricultural animals from disease**

That fig. (4) Shown in roles for Men and Women, but in spite of that, it is within the participant group (sometimes up to always) and we can conclude this too many factors, such as:



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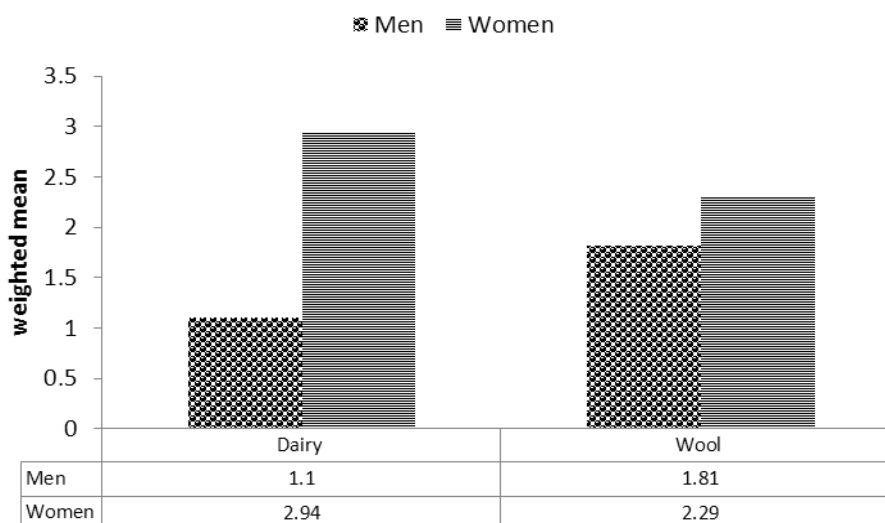
A.continuous and repeating of appearing some disease helped recognizing some suitable for them.

B. availability of curing of controlling the disease.

### 4. Participating roles for Men and Women in serving agricultural animal in field of agricultural animal product marketing

#### A. the agricultural animal of industrialization the products of the agricultural

That the weighted mean for the participating roles in agricultural animal for men 1.45 and for women 2.61 as fig. (5) :



**Fig. (5) : the agricultural animal of industrialization the products of the agricultural**

That fig. (5) Shown in roles for Men and Women, but in spite of that, it is within the participant group (sometimes up to always) and that concluding might be because of many factors, such as:

A.this families considered a major source of income for rural family.

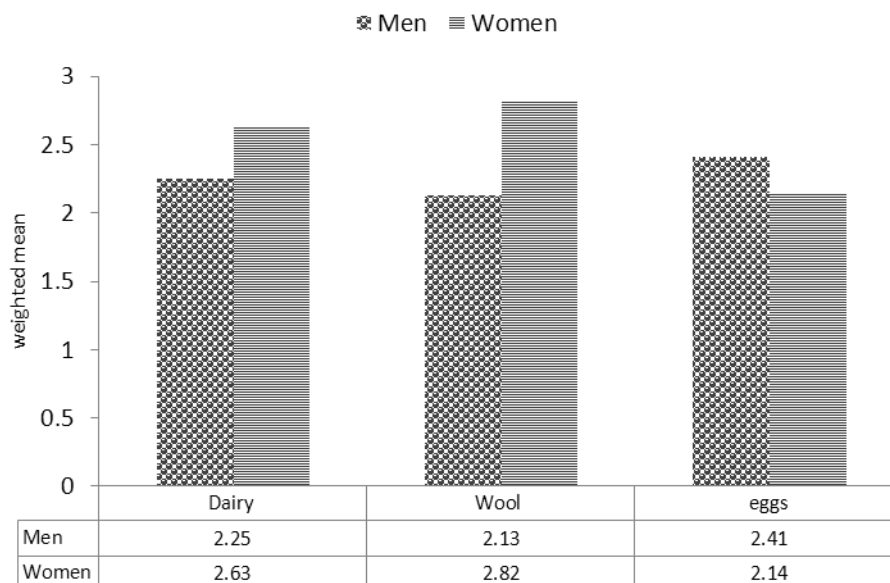
b.this families help getting experience and skill in the field of industrializing the product of the agricultural animal and other fields.

#### B. products transporting of agricultural animal

That the weighted mean for the participating roles in agricultural animal for men 2.26 and for women 2.53 as fig. (6) :

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**Fig.(6) : products transporting of agricultural animal**

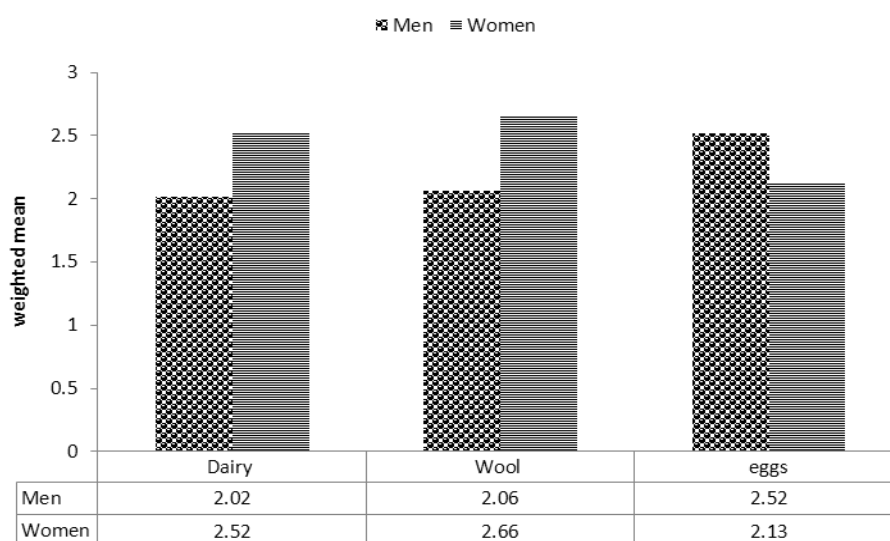
That fig. (6) Shown in roles for Men and Women, but in spite of that, it is within the participant group (sometimes up to always) , and we can conclude that to many factors such as:

A.almost of the animals products transported by males.

B.this active needs muscles and body effort, though women participate actively in the work.

## C. selling of the products of the agricultural animal

That the weighted mean for the participating roles in agricultural animal for men 2.20 and 2.44 for women as fig. (7) :



**Fig. (7) : selling of the products of the agricultural animal**

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That fig. (7) Shown in roles for Men and Women, but in spite of that, it is within the participant group (sometimes up to always) , and we conclude that the following: - most of the Meaner busy in many agricultural works and other fields.

### **Conclusions**

1. There are active and influent participation roles Men and Women in serving agricultural animal.
2. There is difference in participant roles for Men and Women in serving the agricultural; women took active in influent parts in serving the agricultural animal.
3. Ther is difference in participant roles for the Men and Women in serving the agricultural animal in the field of industrializing it is products, especially males.

### **Recommendations**

1. The participant roles for the Men and Women in serving the agricultural animal by extension and training activities, to gain information and skill.
2. The importantancy of the participant roles for the Men and Women in the serving of the agricultural animal by the concerned development authorities to take part in the operation.
3. Insuring the principle of gender analysis framework.

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الادوار التشاركية للمربين (الذكور والاناث) في خدمة الحيوان الزراعي في ناحية الراشدية – محافظة بغداد

سامر محي طه

مدرس

كلية الزراعة – جامعة بابل

### المستخلص

استهدف البحث الحالي التعرف على الادوار التشاركية للمربين (الذكور والاناث) في خدمة الحيوان الزراعي في ناحية الراشدية – محافظة بغداد ، وتشخيص تلك الادوار في كل مجال من مجالات تلك الخدمة . وقد تكونت عملية بناء مقياس الادوار التشاركية للمربين من المراحل الاتية : المرحلة الاولى : اعداد مقياس الادوار التشاركية للمربين (الذكور والاناث) في خدمة الحيوان الزراعي بصورته الاولى من خلال الادبيات والنشرات الارشادية ذات العلاقة في خدمة الحيوان الزراعي ، تكونت من (6 مجالات ) و(19 فقرة ) . المرحلة الثانية : عرض مقياس مساهمة الادوار التشاركية للمربين (الذكور والاناث) في خدمة الحيوان الزراعي بصورته الاولى على مجموعة تكونت من (9 خبراء) في ميادين الطب البيطري والانتاج الحيواني والارشاد الزراعي ، لبيان رأيهم في مجالات وفقرات المقياس المقترح ، وما يتطلبه من تعديلات لغرض الخروج بالصيغة النهائية للمقياس. المرحلة الثالثة : استخدم مقياس ثلاثي لمساهمة الادوار التشاركية للمربين (الذكور والاناث) في خدمة الحيوان الزراعي تكون من ثلاثة مستويات هي اشارك دائماً ، اشارك احياناً ، اشارك نادراً ، وقد حددت درجة لكل مستوى على النحو الاتي : اشارك دائماً ثلاث درجات ، اشارك احياناً درجتان ، اشارك نادراً درجة . وبذلك بلغت الدرجة الدنيا للمقياس (1 درجة )، و الدرجة العليا للمقياس (3 درجة ) وبمتوسط مقداره 2 درجة . وتكون مجتمع البحث من (732 مربى) موزعين بواقع (315 ذكور) و (417 اناث) موزعين في (14 قرية) ، اختيرت عينة من المربين (الذكور والاناث) والقرى المتواجدين فيها وعلى النحو الاتي: 1. اخذ عينة بطريقة المعاينة العشوائية التناسبية ( بنسبة 20%) منهم وبلغت (146 مربى) بواقع (63 ذكور) و (83 اناث) . 2. اخذ عينة عشوائية بنسبة (25%) من القرى بلغت (4 قرى) . واستخدمت اداة الاستبانة لجمع البيانات من عينة البحث . واستخدم المتوسط الحسابي الموزون ومعامل الفا كرونباخ لتحليل البيانات .

وخلص البحث الى وجود مشاركة فاعلة ومؤثرة للمربين (الذكور والاناث) في خدمة الحيوان الزراعي، شاركت الاناث بمتوسط مرتفع مقارنة مع الذكور في مجالات تلك الخدمة . وتضمن البحث عدداً من التوصيات التي تهدف الى تعزيز مشاركة المربين (الذكور والاناث) في عملية خدمة الحيوان الزراعي ، وبما ينعكس ايجاباً في تحسين انتاجية وانتاج النظام المزرعي في منطقة البحث.