

## Applied Extension Planning Process and Its Importance for Ministry of Agriculture

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**Abstract:** The research aimed to measure the importance of agricultural extension planning process stages with applied components for program and activates which provided by ministry of agriculture , which comes part within the scope of its duties at the level of the center & departments to serve and development goals of local committees in different regions of rural agriculture in Iraqi , which include directorates now ( state boards & companies before ) and its departments in governorates, to services and guidance provided recommendation absorbed and to increased contribution to dissemination & diffusion propaganda and audience for farmers to adoption modern agriculture technologies transfer.

To achieve the aim of research, as scale was prepared to estimate measure for importance extension programs and activities for applied planning process, including 6 stages consisted 30 item, which are: 1 the general from work to planning :2 external environments :3 organizational structure of extension planning process :4 planning mechanism :5 monitoring

:6 evaluations. Data was collected by questionnaire from sample of 67 employers, distributor in to categories of existing extension planning and programs, include the first staff working in the agricultural ministry directorates, second include managers working in agriculture directorates extension in governorates, and select the rank measure of three degrees' scale, important, middle importance, little importance, importance, were given 3,2,1 degree.

The results showed the weighted mean for the measures important for extension planning process stages was 2.48 degrees and the result showed that all the planning process paragraphs & component item of important located within the degree is also important.

The survey showed no significant differences among each categories employers working for ministry directorates and extension agents in agricultural provinces for the weighted mean of importance planning process estimate. The research has recommended to adoption purposed extension planning by the affiliations of the ministry of agricultural & training to learn how to counter the plans, programs, activities and events guidelines required in clear and independent to perform its development to improve quality of life of rural people.

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### I. Introduction

That research in the development of agricultural services and extension is one of the recommendations learned from the World Conference for Food in 2002 to help meet the food deficit of present and future (13), Therefore, the development institutions, demands increased attention to the adoption of plans and programs, policies and activities to develop the level of services to segments of the rural community all (12), and based on the countries of the world that seek to improve the planning of agricultural extension services in the various development agencies working in the agricultural countryside.

The advancement of agricultural extension is a motivation for the wheels of economic development (3), and directed to achieve the development goals and a lesson to plan and implement programs and systems, policies and strategies, methods and approaches to overcome some of the determinants of technical, natural and social that constitute a barrier growth and development, in order to achieve social change in rural areas in general and all population working in agriculture or related fields, The scientific studies and observations of the relevant agricultural to the existence of weaknesses and deficiencies in the device extension in Iraq, there is no way a permanent and structured to address it, and there are many variables constant and affecting it, which requires research to know the dimensions of the piece and get the perceptions of science suitable for this device (2). came in the paper work of the Ministry of Agriculture of the importance of a case study of agricultural extension in Iraq, compared to developments in the world and existing alternatives to formulas, methods and programs, and concepts of

agricultural extension in the developed countries to activate the role of Agricultural Extension (5). Ministry of Agriculture strives to support your extension to contribute to the doubling of awareness using the production requirements of modern and published in the various regions of the countryside, and the application of the transfer of research results to agricultural producers to take out and adopted during the planning for the involvement of agricultural extension in the investment research results of the application and to encourage the widespread use of modern technologies, as given by ministry directorates , public and the provincial directorates of agriculture in the planning and implementation of major development activities contribute to achieve food security .including (4).

- 1- Created the oases to help livestock breeders in deserts through provision water for them and natural development plants through the pastoral activity of the Commission to combat Petrification.
- 2- View products by modern agricultural mechanization by state company of agricultural supplies.
- 3- Deployment of modern irrigation technologies through the National Project for the modern Irrigation technologies.
- 4- Propagation programs the number of agricultural biotechnology pests, and reduce the need for pesticides.
- 5- Expansion in the construction of small dams in permanent areas for water harvesting and the development of vegetation.
- 6- Application of the integrated package of technical development programs (rice - grain - ... greenhouses, etc.)
- 7- Dissemination of technology free from artificial insemination by the Company for Livestock Development.
- 8- Development of the feed industry by the company's general industrial crops.
- 9- Dissemination of technologies generally have much industrial fish and fish by the General Authority for Fish.
- 10- Aerial and terrestrial Free palm trees by public boards for the protection of plants and public bodies of the palm
- 11- Inoculation procedures for some epidemic diseases and provided by the company's general veterinary.
- 12- Dissemination of olive cultivation and the introduction of high-oil varieties of fruit trees by the company of horticulture.

That the circuit agricultural development above share with the extension Organization guidelines in providing and exercise activities and events indicative contribute to achieving the goals and strategies of development provided for in the internal systems have and within the scope of work at the level of the center or in their constituencies in various parts of rural Iraq (4), for possession of these organizations of agricultural development components that enable them to establish relations and links between them and the farmers on the other side between farmers and extension organization .

Currently in development institutions such as universities and other government research centers, education, transport, communications and markets, associations and private companies, agricultural and other business. Based on the foregoing, the search for the importance of the integration extension plans, events and outreach activities in the departments of development and the possibility of coordinating efforts and economic expenses and eliminate duplication of work, extension planning and application to overcome the inconsistencies in the application of the recommendations guiding the use and adoption of agricultural technologies will help to provide the effort and the possibilities, note that the extension plans and programs of the Organization guidelines currently in operation based on providing a range of extension programs has traditionally been independent and without the benefit of the provision of capacity and capability of scientific, technical, financial and material to the bodies, companies and departments of agricultural qualify for the implementation of outreach programs complement dolly and based on scientific planning the proper diagnosis of the facts, problems and needs of the rural population. Therefore, the current research will be followed in the methodology of the procedures and steps to the crisis in the construction and development of outreach programs and as it deems Sanders and Boyle (10,11) In other words, build and extension program development means the procedure applied for planning (5), a series of complex processes overlapping leads to access to educational goals to extension plan programs, events and focus research in achieving its objectives through the following questions:

1. applied extension planning process and its importance of knowing the staff planning process steps conducted a general frame applied for extension planning programs and activities and agricultural extension activities.
2. applied extension planning process importance of knowing the staff conducted an extension planning process steps to applied effects of environmental factors external to the process of planning programs and activities and agricultural extension activities.
3. applied extension planning process importance of the participation of workers conducted with applied planning process steps, design, implementation, monitoring and evaluating programs, activities and agricultural extension activities.

## II. Materials and methods:

### First: Research Methodology

Use the method of field survey in achieving the goals of scientific research because it is appropriate to obtain results, which is divided for descriptive approach in social research (9,8).

### Second: the community and the research sample:

Included the research community based on the indicative planning process in the ministry directorates for agricultural and agriculture department in the governorates, as follows:

- Director of Planning and follow-up in the ministry agricultural directorates/ Director of Extension and Agricultural Cooperation department.
- Deputy of Planning and follow-up in the ministry directorates for agricultural , Agricultural Agent / Department of Counseling and agricultural cooperation in the Directorate of Agriculture.
- Head of the Division of Planning ministry directorates for agricultural / Division Heads guidance and cooperation in the Directorate of Agriculture.

Bringing the number of the research community 90 Researched distributed to 30 the Department of Agriculture, has been sampled by 4 \ 3 of the research community to be a sample of 67 Researched and, as shown in Table 1.

**Table 1 Distribution of society and the research sample of the services of the Ministry of Agriculture**

No	Agricultural affiliations	The number of constituencies	Number of community	Sample	%
1	Ministry directorates	15	45	33	50
2	Extension department	15	45	34	50
	<b>Total</b>	<b>30</b>	<b>90</b>	<b>67</b>	<b>100</b>

## III. Search tool

1. Building measure: Gone through the process of building measure rank the importance of knowledge for practical steps in the indicative extension planning departments of the Ministry of Agriculture in three stages: Phase I: the number of graded theory to identify the importance of the planning process and clearly in the initial pilot through

**Table 2 axis items of applied component of extension planning process**

components	Axis	Items	Number	%
1	The general applied Framework of the planning process of agricultural	-1 Concept of extension planning -2 Philosophy of extension the planning -3 Objectives of the extension planning -4 extension planning strategies -5 Planning policies guiding -6 Ways and methods of the extension planning -7 Types of extension planning	7	23
2	The external environment affecting the agricultural extension planning process	-1 Agricultural environment -2 Political and economic factors -3 Cultural and social factors -4 Governmental development institutions and non-governmental	7	13
3	Organizational structure for agricultural extension planning process	-1 committee planning at national level -2 committee planning at the level of extension board -3 committee planning at the level of boards and companies, agricultural -4 committee planning at the level of the Department of Agriculture in the province -5 committee planning at the local level	2	17
4	Mechanism for planning programs for agricultural extension	-1 Planning programs, activities and events guidance -2 Determining the number and types of programs, activities and events and all the existing guidance on the indicative planning process -3 Supplies there required physical -4 Supplies there required financial -5 Implementing training programs	5	17

		-6Implementationsites -7Timetablesforimplementation		
5	Monitoringtheimplementationplan,the agriculturalextension	-1Pursuingtheobjectivesofplanning -2ImplementationMechanism -3Methodsandtechniques -4Towritereportsandsubmitthem	4	13
6	Evaluationagricultural extensionplanningprocess	-1evaluationimplementation -2evaluationResults -3Goalsevaluation	3	11
Total			30	100

A - in the literature on planning issues and extension planning guideline ((10,11).

B - academic and field experience of the researcher in the field of counseling, training and agricultural education.

The literature and studies, research and experiences of researchers (6,14), important sources in the identification, design and build a measure of knowledge of the importance of extension planning process. the a measure provide of 30 items distributed over 6 stages (axes), has been the integration of short paragraphs and part of them to avoid the length of questionnaire, note that the content of each paragraph included the following phrases:

- importance from the effects of stages in the extension planning process.
- These effects are found in the annual plan, written and documented and available in the hands of planners.
- The possibility of planners involved in the actual implementation and will enhance the effective use and integration of extension methods and guidelines, as shown in Table 2

2- quantization important criterion of the degree ofSet weights for the importance of a step extension planning process indicative standard of the degree of the importance of rates weighted for the axes and paragraphs and according to a phased three ( important, the average importance, little importance,) has developed a degree of each term (an important three degrees, Average importance of tow degrees, a few important one degrees, )has been limited by a threshold cut off value of 2.1 degrees used for the survival of the axes and the paragraphs of research and that the degree is important. To fall within the category 2.1-2.48 degree and the threshold of the piece's common term for use in Research and Educational Studies.

Data collection tool questionnaire used as a tool to collect data from respondents, consisting of paragraphs and themes related to the indicative planning process, and data and information collected during the period from 4 / 5 to 5 / 5 /2017 and personal interview.

#### IV. Believe metering

Has been visual inspection of the scale of the display after the completion of the development of a tool of measurement on a group of experts in the jurisdiction of the guidance for the measurement of honesty virtual and the competence of agricultural planning to measure the true content and the results obtained for all axes and paragraphs of research have got the approval rate is very high and much higher degree, from 2.1 degrees, and thus prepares the rule of the sincerity of the content and sincerity of virtual (1) has been tested pre-test in June on a sample of 9 people out of the sample from the center of the ministry.

#### V. Measure the reliability and validity (9)

The method was used to examine the retail mid-term stability of measurement The value of the correlation coefficient 0.81 and the corrected result by using the equation of spearman- brown as the reliability coefficient was 0.842, and to confirm the validity of the root and then reliability coefficient for the value and validity of 0.917.

#### VI. Identify the categories of respondents

For research has divided the categories of respondents on the two categories the first category of the working and functions of planning in the centers of ministry of agriculture directorates the size of (33)employers , and the second category is of the working and functions of planning guidance in the centers of extension department in the governorates and the size of 34 employers was also used test X2 (Kay Square) for good mess of fit matching to measure the degree of importance of the weighted rates of the two categories (7).

**VII. Results And Discussion**

**First :** The importance of applied components of the on extension planning process

The results of research, as set out in Table 3 that the degree of knowledge importance to rates weighted by the first of respondents on each of the axes of action steps the extension planning process guiding in six, general framework, the external environment influencing, organizational structure, planning mechanism, follow-up implementation of the plan, the evaluation is (2.47,2.50 , 2.47,2.57,2.50,2.44) degrees, respectively, on the runway of degree starts in 1 degree and ends with 3 degrees.

**Table 3. The importance of weighted averages of the axes of applied extension planning process**

No	Ases of an indicative estens panning process	Categories of respondents		The weighted	Rank
		Ministry directorates	Extension department		
1	General framework for extension planning process	2.49	2.45	2.47	4
2	The external environment affecting the process of extension planning	2.51	2.49	2.50	2
3	Organizational structure of the extension planning process	2.44	2.50	2.47	5
4	Mechanism for extension planning programs and outreach activities	2.52	2.63	2.57	1
5	Follow up the implementation Plans	2.48	2.51	2.50	3
6	evaluation extension planning process	2.43	2.38	2.41	6
7	The weighted average	2.48	2.49	2.48	

As for the descending order of importance of the axes of action steps the process of planning guidance and as clarified by results in Table 3 came axis mechanism for extension program planning and outreach activities the first rank and the external environment affecting the planning process extension came in second, follow-up change of plans and extension programs rank third and the general framework of rank fourth and building organizational rank fifth and evaluate the planning process came in sixth, and perhaps the coming of the axis automated mechanism planning programs, plans and activities rank first and due to the need and importance of the planning and operational and to create possibilities and supplies the crisis of the plan and the representation of this axis of the scientific activity in the process of action planning steps indicative, either the advent of the evaluation Last rank due to the weakness or lack of Hamas, this process by the planners of the participants. When examining the differences of the moral of the rates of weighted degrees of importance to the categories of sample through a comparison of the value of middle rates weighted for the axes of action steps the planning process indicative distributed according to the planning stages in the ministry directorates agricultural, and agriculture extension department in the governorates amounted to 2.48 and 2.49 degrees respectively, and statistical analysis of the value of using X<sup>2</sup> Chi-square for the proper matching of 0.879 is significant at the 5% level of significance and degrees of freedom of 5 and 2.015. Which indicates a consistency in the weighted averages of the degrees of importance to both categories of extension the planning process, which is reflected to the research study did not address the personal factors and individual categories Search

3 / paragraphs of the importance of extension planning process steps indicative:

1. Paragraph the general framework for guiding the extension planning process

The results of research as set out in Table 4 that the degree of importance to rates weighted given by the respondents on each of the paragraphs of the planning process extension of the seven, the concept of planning ,philosophy of the planning, the objectives of the planning strategies of planning, planning policy , the ways and methods of planning, and the types of planning is 2.49,2.38,2.43,2.46,2.48,2.52,2.54 degrees, respectively, on a phased three-degree starting with 1 and ends 3 degrees.

**Table 4 weighted averages of the importance of the paragraphs of the general framework for guiding the extension planning process**

No	Paragraphs of the general framework for guiding the extension planning process	The results of the Respondents ministry of directorates		Weighted average (degrees)	Rank
		Ministry directorates	Extension department		
1	The concept of extension planning	2.51	2.47	2.49	3

2	Philosophy of the extension planning	2.41	2.43	2.38	7
3	The objectives of the indicative planning	2.44	2.44	2.34	6
4	extension planning strategy	2.48	2.43	2.46	5
5	extension planning policies	2.52	2.44	2.48	4
6	Ways and methods of the extension planning	2.49	2.56	2.52	2
7	Types of extension planning Weighted average (degrees)	2.57	2.51	2.54	1

2. Either on the descending order of importance of the paragraphs of the general framework for the process of planning guidance and as illustrated in Table 4, it was the paragraph types of the extension planning the first rank, and the ways and methods of the extension planning came in second, and the concept of the importance of extension planning third place, and policies of the extension planning came in fourth, and Strategy extension rank fifth and the objectives of the rank sixth, and the philosophy of the IPO rank last, and perhaps the coming of the importance of paragraph types of the extension planning the first rank, confirms the importance of the planners of the types of extension planning such as programs and projects, inclusive, and working groups targeted, sector and region, or cropping, as well as comprehensive knowledge and the right are and the needs of beneficiaries and their interests and attitudes. Either the advent of the extension philosophy of the importance of paragraph IPF ranked last due to being an academic and philosophical topics and the difficulty of the theory applied in the reality on the ground.

3. Paragraphs of the importance of the external environment affecting the extension planning process

The results of research, as set out in Table 5, the degree of importance to rates

weighted by the first of respondents on each of the paragraphs of external environmental extension in the planning process indicative of the four, environment of agriculture, political and economic factors, social and cultural factors, factors of development of government institutions and non-governmental organizations are 2.46,2.48,2.49,2.52,2.50 degrees, respectively, on a phased five degrees starts with1 and ends with 5 degrees.

**Table 5. Importance of the weighted averages of the clauses of the external environment affecting the extension planning process**

No	Paragraphs of the external environment	Categories of respondents		Weighted average degree of	Rank
		ministry directorates	extension department		
1	Environment agriculture	2.43	2.49	2.46	4
2	Political& economic factors	2.50	2.45	2.48	3
3	Social& cultural factors	2.48	2.50	2.49	2
4	Factors government institutions & non government	2.52	2.51	2.52	1
5	Weighted average (degrees)	2.51	2.49	2.50	

Either on the descending order of importance of the paragraphs of the external environment affecting the extension process of planning and as clarified in Table 5, the effects of factors of development institutions, governmental and non- governmental it come first rank, and the effects of social and cultural factors in second place, and political and social factors the third, and the effects of environmental factors rank fourth, and perhaps The advent of the importance of a paragraph the effects of development institutions, governmental and non- governmental organizations rank the first to point to the importance of impact factors of development institutions such as universities, agricultural institutes colleges and research centers, educational and agricultural committees in the provinces and the effects of institutions, transport, trade, markets and agricultural companies and private owners stores & markets, traders and suppliers of agricultural in the process of planning, guiding and suppliers of Agricultural extension planning process. Either the coming of the importance of the effects of environmental factors paragraph agricultural grade due to the recent fact that most workers in the extension planning process with familiar readily enough in the topics of agricultural and charts.

3. Paragraphs of the importance of the organizational structure of the extension planning process.The results of research as set out in Table 6, the degree of importance to rates weighted first of respondents from each of the paragraphs of the organizational structure of the currency of the extension planning of the five levels of extension planning at the national level, planning at the organization guidance, planning committees at the level of boards and public companies, agricultural, and committees planning at the level of agriculture

directorates in the governorates, and the extension planning committees at the local level in the canals and the people are agricultural: 2.38, 2.48, 2.50, 2.53, 2.47 respectively the degree and graduated as already begins 1 and ends 5 degrees.

**Table 6. The importance of weighted averages of the clauses of the organizational structure of the extension planning process**

No	Paragraphs of the organizational structure of the extension planning process	Categories of respondents		Weighted average (the Degree of	Rank
		ministry directorates	extension department		
1	Planning at the national level	2.44	2.32	2.38	5
2	The Organization's planning extension	2.45	2.48	2.47	4
3	Planning boards and companies	2.45	2.50	2.48	3
4	Planning at the level executives in the provinces of Agriculture directorates	2.43	2.59	2.50	2
5	Planning committees at the local level	2.45	2.61	2.53	1
	Weighted average (degrees)	2.45	2.49	2.47	

Either on the descending order of importance of the paragraphs of the organizational structure of the planning process extension and as clarified in Table 6, it came paragraphs of planning at the local level first rank, planning at the level Directorates of Agriculture in the provinces came in second, and planning at the level of boards and companies agricultural ranked third, and Planning Organization extension came in fourth, and planning at the level of the Ministry of Agriculture ranked fifth, and perhaps was. planning at the local level first rank back to the importance of the success of the planning process and implementation of programs, projects and events indicative be at this level, therefore, the possibility of the participation and adhesion of these programs whit from farmers and producers in various regions of the National rural, either. Planning on the national level in the Ministry of Agriculture ranked last due to the lack of clarity of the work of the planning committees at this level and concern for other key functions of agriculture.

4. Paragraphs of the importance of mechanisms extension the program planning activities. The results of research, as set out in Table 7 to measure the importance of rates weighted on each of the paragraphs of the mechanism of program planning and outreach activities of the seven, planning activities, programs and events, to identify the numbers and types of programs, activities and events, counseling and all those involved in the process of extension planning, and supplies the required physical and implementing training programs, and sites of implementation, and timelines for implementation are 2.55 , 2.56, 2.6 ,2.67 ,2.61, 2.55 ,2.59 ,2.55 degrees, respectively, on a phased five starts and I end up 5 degrees

**Table 7 The importance of weighted averages for the mechanism of program planning extension activities**

No	Paragraphs of the mechanism of program planning and outreach activities	Categories of respondents		Weighted averages (Degree)	Rank
		ministry directorates	extension department		
1	Planning activities events and programs	2.50	2.59	2.55	7
2	Determine the number and types of workers	2.53	2.52	2.55	6
3	Supplies the required physical	2.55	2.65	2.6	3
4	Supplies the required financial	2.54	2.79	2.67	1
5	Implementing training	2.50	2.72	2.61	2
6	Locate implementation	2.48	2.66	2.55	5
7	Identify timelines for implementation	2.53	2.65	2.59	4
	Weighted average (degrees)	2.52	2.63	2.55	

As for the clauses down to the importance of paragraphs mechanism of program planning and extension activities and as clarified in Table 7 came paragraphs supplies the required financial first rank, and the training of implementing planners came in second, and supplies the required physical third place, setting timetables for implementation of events and programs rank fourth, site implementation rank Fifth, to identify all the activities in terms of number, type, and existing and their specifications ranked sixth, and

planning activities, events and programs rank last, and perhaps the advent of material requirements required the first rank is due to the lack or weakness and lack of financial allocations earmarked for the planning and implementation of programs and extension activities and not stopped by in the annual budget to him and circles Ministry of Agriculture, which reflects negatively on these programs, either the advent of planning activities, events and programs came in the last paragraph of this dependence is due in importance to the rest of the paragraphs of the mechanism.

5. The importance of monitoring the implementation of the paragraphs of the extension plans The results of research, as set out in Table 8 that the degree of importance to rates weighted by the first of respondents to the paragraphs follow, the implementation of the extension plan of the four, monitoring the objectives of the extension plan follow-up mechanism for implementation of the extension plan, follow-up methods and techniques used, follow-up written reports and submit them, are: 2.46, 2.47, 2.58, 2.47, 2.49 respectively, and the degree to begin a phased five-I, and ends 5 degrees.

**Table 8. Weighted averages importance of monitoring the implementation of the extension plan**

No	Paragraphs follow	Weighted average (degrees)		Weighted average (degrees)	Weighted average (degrees)
		ministry directorates	extension department		
1	monitoring the goals of planning	2.49	2.42	2.46	4
2	Follow-up mechanism for implementation	2.43	2.50	2.47	2.5
3	Methods and means used	2.54	2.62	2.58	1
4	Writing reports and submitting them	2.44	2.47	2.47	2.5
	Weighted average (degrees)	2.48	2.51	2.49	

Either on the descending order of importance of the paragraphs of follow-up implementation of the extension plan and as clarified in Table 8, it came item follow-up ways and means used the first rank and follow-up mechanism for implementation and item writing reports came in second, follow-up planning goals rank third and last, but perhaps the advent of paragraph follow-up ways and means used first rank back loss of this type of follow-up on the application act for all events and outreach activities, and over many decades, and not made by the Organization guidelines or any other on the domestic level to the Ministry of Agriculture, either the external level, there are messages of masters and some scientific research in the colleges of Agriculture, researcher believes that it is often is not taken of the conclusions and recommendations contained therein, and perhaps the coming of pursuing the objectives of the planning rank recent being one of the theoretical topics of modern management and administration guidelines, and seeking goals theory to continue to increase the interaction between thought and practice, thus improving the economic development programs, agricultural, and higher rates of work performance.

6. The importance of the paragraphs of the extension evaluation planning process. The results of research, as set out in Table 9, that the degree of importance to rates weighted by the respondents on each of the paragraphs of the evaluation planning process guiding the three implementation, evaluation results, and evaluate the goals are 2.36, 2.42, 2.43, 2.41 degrees, respectively, on a scale of five starts I and ends with 5 degrees.

**Table 9. the importance of weighted averages of the planning process extension evaluation**

No	Paragraphs of the extension plan evaluation	Weighted average (degrees)		Weighted average (degrees)	Weighted average (degrees)
		ministry directorates	extension department		
1	evaluation implementation	2.36	2.35	2.36	3
2	Results evaluation	2.46	2.38	2.42	2
3	Evaluation objectives	2.46	2.41	2.43	1
4	Weighted average (degrees)	2.43	2.39	2.41	

Either on the descending order of importance paragraphs evaluation planning process extension and as clarified in Table 9 came item evaluate the objectives of the extension plan the first rank, and evaluate the results came in second, and evaluate the implementation came in last, and perhaps the advent item evaluate goals came in the first due to it reveals the reality of the change during the implementation of plans, programs and events in the means of production used in the construction of social trends and desired in the rural community.



And the fact that the difficulty of determining the effectiveness of programs and development plans carried out, and perhaps the coming of paragraph calendar implementation rank third and final back in fact to detect the change by the implementation of programs and plans in the material, comparing the results achieved what was planned, which is easy evaluation

### **VIII. Conclusions**

- 1- The results of research showed that is the general average weighted of the importance of applied step planning process was within the degree is important to agree the respondents on the importance of the departments and institutions affiliated to the Ministry of Agriculture conducted a planning process indicative and are independent, clear and within the annual plans prepared by departments and institutions and the average was weighted to the importance of extension planning process 2.48 on the Richter graduated five starts 1 and ends 5 degrees and is located within the degree of import.
2. The results showed no significance of differences in moral categories of respondents to the research sample in the agricultural directorates ,and directors of agriculture extension in the provinces, any presence of the consensus in the rates weighted for the degree of importance of hubs and paragraphs of action steps the extension process of planning guidance and the same degree of importance .
3. Results showed that all the axes of action steps extension planning agent has exceeded the threshold of the rank came weighted averages of the importance of an axis steps on the extension planning process begins with a gradual three degrees start with 1 degree end up 3 degrees, all degree is important

### **IX. Recommendations**

1. The recommend that to take the applied proposed extension planning process Importance of the departments and institutions of agricultural development to the Ministry of Agriculture numbers of plans and extension programs necessary for its functioning and development independently and within annual plans prepared by these departments and institutions.
2. Level given the availability of human capacity and potential of scientific, technical, financial and material resources in departments and institutions of agricultural development in the Ministry of Agriculture and in position to participate in the implementation of programs and activities of the basic or supplementary extension based on scientific planning and according to the needs of rural populations.
3. Necessity of a higher committee at the level of the Ministry of Agriculture is working to coordinate the efforts of planning extension to achieve horizontal and vertical integration in extension work and the best use of available resources, and work on the version of the annual plan for the extension and well-documented and to achieve the guidance of agricultural policy, while ensuring continuous coordination with the Organization existing extension

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