

## **A Summary Of The Activities Of Babil Directorate Of Agricultural**

Babil Directorate of Agriculture is an independent technical office that plant welfare to everybody. It seeks to achieve the participation of the whole agricultural sector in supporting the national economy through raising the rates of the agricultural production in both halves : ( plant and animal ) in addition , it offers agricultural services to all the farmers and planters of the governorate so as to achieve its aims in raising the income rate of the farmers and the planters to a level that enable them to participate effectively in developing and activating the economical process in the country.

In harmony with the policy of the ministry , the directory has associated the agricultural guidance with the scientific research by implementing a station for agricultural researchers and building a central analytical laboratory in addition to two guidance centers and three guidance farms found before.

This year the directorate has started erecting other four research guidance farms by the way of improving the provinces.

Thus through the year 2008 , the Directorate will be able to complete the infrastructure to administrate the agricultural sector in the governorate. The directorate will also , start building other five guidance projects as follows :

- Developing dates marketing .
- Developing and advancing orchards by making use of scientific methods.
- Producing fodder from the left of maize ( yellow corn ) .
- Advancing of bee breeding .
- Building a central analytic laboratory .

The directorate has put within its program this year , the process of developing forests in an area of ( 400 ) donam . ( each donam equals to 1000 sq.m. ). There is also a project which is implemented with the help of the Ministry of Agricultural and the General State of Gardening and Forests to make forests in the territories of each agricultural section in an area of ( 50 donam ) .

There is a common program with the General State of Palms aiming to develop the date-palm orchards. Three regions were chosen ; ( in the center , in AL-Imam and in Sadda )

The team of the work started choosing the orchards that will be included in the process of developing the palm shoot of good types freely in them.

The Ministry of Agricultural has taken the responsibility to implement the project of developing orchards in the governorate in a rate of 10 % , that is to say ( 12000 ) donmas every year. Hence , the orchards of the governorate should be improved and developed by the Directorate in harmony with the General State of Gardening

and Forests. This project includes preparing studies about the ability to enlarge the regions of orchards by the way of investment. And also by finding suitable places to make orchards and distributing them among farmers ( farmers who are not officials or retired ) specialized sections such as : plant production , lands , the scientific committee , planning and watching are asked to draw up the mechanism of the work in harmonize with other agricultural sections after ensuring and providing water shares to each are in harmonize with the Directorate of water Resources in the governorate .

As for Crops and Greenstuffs , the Directorate is seeking in serious way to minimize the costs of the agricultural process through giving fuel to the owners of tractors , harvesters and pumps in addition to its participation in distributing fertilizers specially ( Urea ) . As for compound fertilizers , the available amounts are distributed in a fair way among the producers. Three centers are opened to distribute fertilizers in ( Mahwheel , Hilla center and Hashimiya ) in addition to make researches about raising the production of Mainze ( Yellow corn ) in harmonize with the General Corporation for Agricultural Researches. The directorate has achieved a production of one donam level of the type ( Titar ) ( 2430 ) Kg. donam and the type ( DKC ) ( 2270 ) Kg. donam .

The project of subsidizing farmers does not concentrate on these sides only , but there is also a project to subsidize farmers to buy supplies of agriculture for crops and greenstuffs and olive planting specially that of the highest oil by using instruments of irrigation by drops and also planting date-shoots. There is another project of lending junior ( young ) farmers to help them in planting and animal husbandry buffalo breeders in amount of 25 million D.I.

The Ministry adopts the project of fighting agricultural diseases ( Dobbs and Humeria ) in date palms by air and land fighting. This fighting is done free , in addition of fighting Suna insect that affects wheat. The fighting is done free , too. It also adopts the project of fighting the diseases that affect citrus and also fighting the white fly. The Directorate , with the help of the General Corporation for Researches , has carried out in ( Madhatiya ) district an experiment in fighting ( the worm of nut cotton ) . The Directorate is working with the governorate and its honorable council to find marketing passageways for dates and milk through contracts with invested companies that hold the operations of packing and marketing dates and through building a factory to produce dairy and cheese and the like to develop animal breeding through finding markets for dairy products.

More than thirty thousand cutting of olive of highest oil have been sold for supported prices so as to pave the way for finding

invested opportunities to build a factory for producing olive oil in the future cooperating with the General State of Farming and Forces .

There are , also . attempts with the General State of Veterinary to present a project of artificially pollination for cows in order to improve the heredity of cows with regard to milk and meat. Eight basins have been built , all are immovable in the places of sheep growth to preserve ( protect ) them from diseases and parasites.

In cooperating with the governorate and its honorable council a project was presented by one of the Arab invested companies to build a center to sell , reform and hire hive tractors and agricultural machines . This project aims at minimizing the costs of plowing and harvesting through increasing offer depending on farmers' need. There is also another project aims at planting ( oil yellow corn )( Mainz ) by building a factory to produce corn oil. The company provides seeds and other supplies in moderate prices in return for marketing productions to it.

### **General Information.**

- Area of the governorate ; 2047600 Donams .
- Area of Arable Land ; 1612052 Donmas
- Reformed Lands ; 387375 Donams
- Semi Reformed Lands ; 812225 Donams

- Non Reformed lands ; 412451 Donams
- Area of wheat planted annually : 315260 Donams
- Area of Barley Planted annually : 92729 Donams
- Area of Greenstuffs planted for one season ; 70000 Donams
- Area of orchards ; ( date – palm , citrus trees , mixed deciduous ) ; 12000 Donams
- Projects of Chickens ; A total ( 650 ) on work ( 170 ) , annual production ( 52 ) tons .
- Projects of hatching ; total 9 15 ) , on work ( 2 ) , annual production ( 16400 ) eggs .
- Projects of Table eggs ; Total 9 13 ) , on work ( 6 0 , annual production ( 63 ) million eggs .
- Projects of incubators ; Total ( 17 ) work ( 14 ) , annual production ( 43 ) million eggs .
- Projects of fish pools ; Total ( 10478 ) donams on work ( 8097 ) donams , annual production ( 1000 0 tons .
- Projects of Bees ; ( 8485 ) bee-hives owned by ( 322 ) breeders .
- Numbers of sheep ; 492443 heads
- Numbers of buffalo in the governorate : 13729 heads
- Numbers of Cows ; 160750 heads
- Number of goats ; 30703 heads
  - Number of camels ; 1591 heads

# **The Activities of Babil Agricultural Directorate in Babil Governorate**

1. Putting indexes to implement the agricultural activities in the light of the available sources for the production process in the governorate according to the central directions in order to achieve ideal advantages for these sources.
2. Fixing out agricultural requirements to implement agricultural activities in the governorate so as to distribute them to the agricultural subdivisions according to the criterions .
3. Following up the agricultural subdivisions to carry out their agricultural plans .
4. Arranging with other offices in the governorate to implement the central instructions in the agricultural policy to give success to the implementation of it .
5. Collecting , storing and analyzing statements on the different agricultural activities as they come from agricultural subdivisions and sending them of the Ministry of Agriculture .
6. Working hard to carry out successful economical and scientific methods by farmers .
7. Collecting taxes and rentals from agricultural tenants and investors.

8. Protecting plant productions from plant and animal diseases that are dominant and endemic.

## **The Duties And The Mission Of The Departments Of The Agricultural Directorate**

### **1. Department Of Planning And watching :**

The Department of planning and watching undertakes the following tasks and duties :

- A. Following up the implementation of the agricultural policy that is decided in the agricultural sections .
- B. Preparing reports and statistics that are related to the activities of the directorate in the light of the available information by the agricultural sections and pumping them to the central parts.
- C. Updating the available statistics of the total activities of the directorate.
- D. Organizing and preparing charts about the working power and updating them .
- E. Suggesting training and functional plans in the light of neediness and discussing them with the central offices .
- F. Preparing investments system charts of the structural production projects .

## **Sections follow this department are :**

1. Section of preparing and following up the implementation of the plan.
2. Section of statistics and working groups and training .

## **2. Department of Agricultural Guidance and cooperation :**

This Department undertakes the following tasks and duties :

- A. Working hard to diagnose the problems that are related to the agricultural production in order to send them to the agricultural researching sources to find out practical solutions and treatments that suit them .
- B. Putting a program to hold guiding seminars to enlighten farmers to use modern and scientific methods in agriculture .
- C. Distributing printed publications and guiding circulars to develop , improve and protect the agricultural production .
- D. Preparing a plan and train farmers by organizing with farming societies in order to raise their ability of performance and enlighten them .
- E. Implementing farming clarifications in the farms of investors depending on their capabilities. This is done under the supervision of experts.

## **Section follow this Department are :**

1. Section of Agricultural Guidance .
2. Section of Training .
3. Section of Countrywomen.
4. Section of Improving Irrigation Technique .

### **3. Department of Animalism Wealth :**

This department undertakes the following tasks and duties :

A. Watching the projects of the Animalism wealth in all its capacity and supplying it with necessary requirements to accomplish its duties.

The Department raises reports about its activities.

B. Protecting the fishing welfare in rivers and water flattens and watching fishermen and markets of fish selling. It also raises spastics about the kinds and the amounts that are marketed .

C. Supervising the workers who make and market animalism productions like : wool , skin and the inside viscera .

D. Offering services and requirements to the owners animalism wealt projects according to orders issued by the central corporation.

E. Promoting business of making projects of animalism wealth after being sure of their suitability to the technical , healthy and environmental conditions within the lands that belong to the investors.

#### **4. Department Of plant Production :**

This department undertakes the following tasks and duties :

- A. Field watching to be sure that the agricultural sections are able to carry out their settled plans as well as holding direct assemblies ( meetings ) with investors and produces in the agricultural sections.
- B. Enlightening in spreading invented types and encouraging others to adopt them inside the governorate .
- C. Encouraging farmers to take care of purifying seeds in order to achieve self-sufficiency .
- D. Field direct supervising to implement agricultural operators in the agricultural sections to ensure efficient performance and accomplishing them in their specific time , like ; plowing , fertilization , sowing , irrigating , harvesting and marketing .
- E. Issuing instructions in order to protect soil and making the best advantage of it and at the same time protecting it from becoming aggravated . At the same time telling about any wrong advantage to it , and treating the cases of saline according to available capacities .
- F. Putting a suitable plan to protect the plant cover in the lands that are specified for being pastures .

G. Watching the activities of nurseries and orchards and providing necessary requirements according to the practical need and , at the same time watching the process of their work .

**Section follow this departments is :**

1. Section of orchards and forests .

**5. Section Of Agricultural Investments ;**

This section undertakes the following tasks and duties :

A. Watching the exploitation of the tenants and the inventors of hired lands according to laws and instructions and ensuring receiving payments of hiring them as it has been approved .

B. Preparing information about the special form specific of the tenants of agricultural lands and send it to the general central corporation.

C. Watching the sold and the hired projects within the work of the directorate and raising technical reports about its running .

D. Promoting the special business of re-newalling contracts or any other business related to the tenants .

**6. Section of Plants Protection.**

This section undertakes the following tasks and duties :

A. Implementing regular business for all agricultural farms and orchards within the area of its work to know and surveil the diseases that spread in the area to take an idea about the damage they cause .

- B. Marking out the suitable herbicides to fight the agricultural diseases and weed and controlling their distribution , circulation and using according to the instructions and controls.
- C. Testing the affected samples brought by farmers in order to diagnose the diseases and supply them with necessary herbicides so as to fight them.
- D. Starting campaigns to fight epidemic diseases and deciding the necessary requirements for them.
- E. Drawing an annual plan for fighting agricultural diseases specifying in it the are which will be dealt with and the plan with of the herbicides after discussing the plan with the general corporation plant protection to take it as a working paper.
- F. Arranging with the General Corporation for Plant production to receive the decided amount of herbicides and distributing them to farmers through a talk with the branch of the General state of Agricultural equipments in Babil governorate or through sections and also through watching the owners of bureaus and agents in the local markets to be safe of the safety of the legal steps of giving herbicides .
- G. Watching the activity of bees through out the government as well as the activity of apiary and the number of hives and the amount of the produced honey. Also supplying beekeepers with the needed amounts of herbicides in order to fight the different diseases that affects bees and give beekeepers instructions to

follow . These instructions are issued by experts in the field of bee breeding .

1. Section of Diseases Fighting in Plants
2. Section of Useful Insects .

## **7. Department of Lands :**

This department undertakes the following tasks and duties :

- A.Administrating the lands of the Agrarian Reform .
- B.Promoting the businesses of renting the agricultural land according to the laws and orders that are valid at the time .
- C.Receiving the annual rent, daily reports .
- D.Implementing the different laws of the agrarian reform laws and the instructions issued relating to them.

Sections follow this department are :

1. Section of distribution.
2. section of contrasts.
3. Section of Hiring .
4. Section of Seizuring.
5. Section of Technology . ( Technical section )

## **8. Department of (Yellow corn ) (Maize )**

This department undertakes the following task and duties :

- A. Arranging the annual agricultural plan for the yellow corn. ( Maize )

- B. Watching the implementation the agricultural plan through out the agricultural section and supervising it .
- C. Working hard to prepare the modern scientific equipments through the new hybridization of the high production by providing equipment of increasing the production of per donam and stressing on modern scientific agriculture .
- D. Preparing the equipments of crop planting from seeds and fertilizer and materials of fighting with cooperation of the technical section and by watching the process of production growth in order to reach maturity .
- E. Supervising and watching crop harvesting and watching the process of marketing to the yellow corn factories and preparing

## **9. Department of Interior Supervision :**

This section undertakes the following tasks and dties :

- A. Protecting the proportion of the state from mis-use and mis-spend and to be sure of the money procedures and accountancy have been done in accordance with instructions and rules and at the same time to make sure of paying out on all the activities and performances related to the department have been done according to law and safe performance making .
- B. Sudden inventory for all the stores that belong to the Directorate regularly and watching its work.

C. Participating in preparing the budget and watching the plan at the end of the years and joining the administrative activities.

D. Making Field visits to the agricultural sections related to the directorate to be sure of the applications of instructions that come from the high authorities about distributing of agricultural equipments and using them in the purpose that they are given for .

### **10. Department of Administration Affairs :**

This section undertakes the follow tasks and duties :

A. Applying and watching the implementation of laws instructions and teaching related to administrative affairs and organizing the special staff of the employees .

B. Guaranteeing administrative service such as in and out issuing , typing and organizing the work of the information service .

C. Preparing the plan of storage and keeping and protecting its level to the minimum and maximum and securing the safety of the process of receiving and handing of the stored materials on the level of the principle and secondary sections .

D. Preparing the special indexes of the investing procedure and maintaining the buildings and installations and watching all other projects .

The following sections follow this department :

1. section of personnel .

2. Section of Records.

3. Section of Typewriter.

4. Section of Stocks.

### **11. Departments of Accounts :**

This department spends the amounts within the allotment drawing in the ordinary budget and spends the devoted amounts in the annual plan. It holds also the responsibility of main bookkeeping and changing it to the secondary bookkeeping. This department , also , prepares the estimated budget to help other departments and receive finances and record them in the special official record book.