

A photograph of a workspace. In the foreground, a spiral-bound notebook with lined pages is open. A wooden pen with a black clip is resting on the notebook. To the right of the notebook is a glass of water. In the center, there is a small, dark, circular object, possibly a coin or a small container. A white object, possibly a piece of paper or a small container, is partially visible in the bottom left corner.

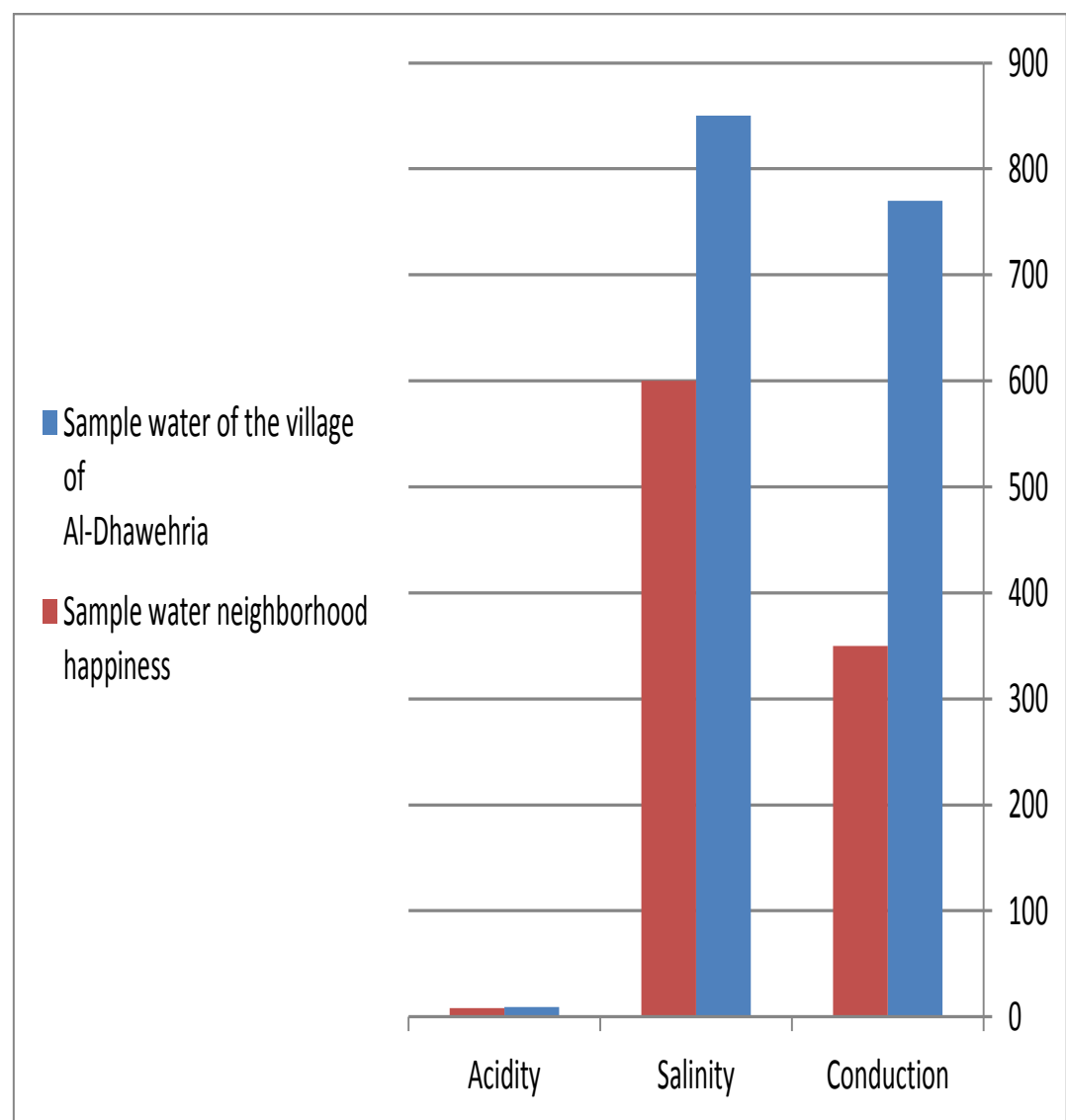
Search methods

The following table also shows the soil sample characteristics data of the two sites, collected to answer the second question of the research.

Table (6) Soil protocol characteristics data for the two sites

The comparison face		Sample soil of the village of Al-Dhaweheria	Sample soil neighborhood happiness
Soil protocol	Conduction	770	350
	Salinity	850ppm	600ppm
	Acidity	9.11	8.22
	Amount of roots	A few	A lot
	Amount of rock	A lot	A few
	Amount of carbons	A few	A lot
	Soil type	Clay	Warm and fertile sand mud medium structure

Figure (2) the soil protocol data for the two sites



- ## The bottom line

The aim of this research is to study the reasons for not flowering fig trees in the village of Al-Dhawehria, and the research questions were as follows:

- 1- How do the properties of water affect the flowering of figs?
- 2- How do soil properties affect the flowering of figs?
- 3- What external factors affect the flowering of fig stenus?

The research was implemented in Dhank state, where a time plan for action was initiated, and field visits to some farms in and near the village, and meeting farmers and agricultural specialists, were initiated to look for a problem to study. It became clear to us that the farmers had the problem of not flowering fig trees in the village and through that we decided to study the problem. Two areas were identified for the study where we examined the two areas and noted all the surroundings and external factors affecting them and samples were taken from the water used to irrigate the trees and the soil used to cultivate them from the two areas and track the water source for each where it was noted that groundwater is the source of both. The results indicated a difference in the properties of water and soil, and we came to: the village of Al-Dhawehria (dark clay soil with large alkaline, high salinity, high alkaline water and high salinity), neighborhood of happiness (soil of medium structure warm and fertile sand clay and alkaline with moderate salinity and alkaline water and moderate salinity). We noticed that salinity and acidity affect the two areas more, after which some interviews were conducted with farmers to come up with other reasons that may have led to this, and the farmers agreed that one of the external factors affecting is the effect of sunlight as the fig tree in the farm of The Happiness neighborhood receives bright sunlight and directly opposite the fig tree in the farm of the village of Al-Dhourihrya, and the irrigation method received by the fig tree, where the fig tree in the farm of Dounirihrya is watered in a regular irrigation way, where it shows a response to it With regular irrigation additives. Based on the results of the research, we recommend that the competent authorities carry out the guidance awareness sought by farmers about the conditions suitable for the growth of each plant and the needs that must be met for its growth and flowering.

Search questions

- 1-How do the properties of water affect the flowering of figs?
- 2- How do soil properties affect the flowering of figs?
- 3- What external factors affect the flowering of fig stenos?

Search methods

- Setting the timetable for the search plan.

Table (1) Search plan timeline

Identify and review some sources related to the subject of research such as the collection of information from the center of learning resources in the school such as scientific encyclopedias, and the use of the internet to obtain and document some articles, in addition to the memorandums of protocols of the program GLOBE.

- Selecting different sites for the study, and identifying them accurately, in preparation for the data collection process.

Table (3) Search plan application sites

Location	Work
School	Study the properties of soil and water.
Al-Dhawehria Village Farm	Bring water and soil samples, examine the area around the plant and track the external factors.
Happiness Neighborhood Farm	

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