

# ANUAL REPORT ( 06 - 07 )



**SIFE**

**Agricultural University of Tirana**



Agricultural University of Tirana



## Introduction

Agriculture University of Tirana (AUT) is the only of its kind in Albania.

It plays an important role in the Albanian economic, social and intellectual life especially because of Agriculture being the largest sector of Albanian economy.

AUT is one of the oldest higher academic institutions in Albania with more than 50 years of experience. AUT's role is to be a leading national institution of learning and research which emphasizes the interaction of natural sciences, technology and social sciences.

A main objective for AUT is to contribute actively to the solution of complex problems within agricultural production, environmental and resource management and commercial economic development and to modernize and strengthen Albanian agriculture.

SIFE Agriculture was established in December 2000 and participated in each SIFE Albania National Competition since then, presenting always interesting and innovative projects in the Agriculture field.

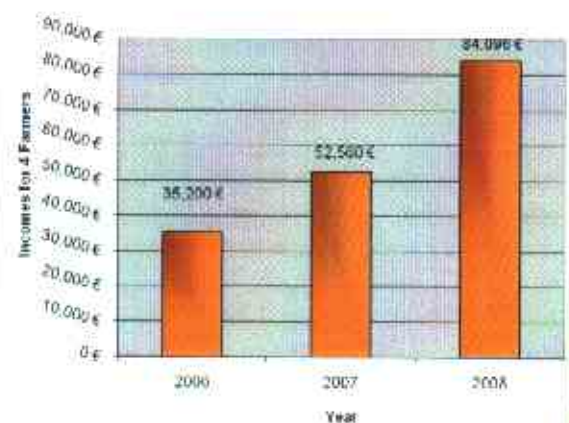
### Improving milk production

The last recent years, the section of agriculture and food in Albania has taken a very important place in the economic development. However, a considerable part of animal farms exist as households. We as a SIFE-AUT team, put in evidence these problems, so to give an example to all farmers that operate in primitive way.

SIFE-AUT train 10 farmers in Tirana area (Berxull), that possess an average of 7 cows per each. Thanks of our work, the farmers reached to improve in obvious way these conditions and as a result is reached an increase of milk production and the improvement of his quality. Also, from the training was reached an lower cost of milk. Another objective of our training was the recognition of farmers with the possibility of taking a credit for a further development of their activity.

As a result of SIFE-AUT training actually 3 or 4 farmers have apply for a credit and they reach an increase in their profits by 60%.

**We fulfill criteria number 1,2,3,4,5.**



## The training of olive production farmers

Considering that our country has a Mediterranean climate and with an appropriate geographic area for the growth and cultivation on olive tree, which is famous all around the world for his quantity and his nutritional value, we as a SIFE-AUT team thought to train farmers of Ndroq area for the olive trees maintenance, their sprinkling and the service that is done to the tree to obtain a high yielding production. We have trained the farmers keeping the data and the counting of cost per one olive and how to keep a systematically record of expenditures and incomes.

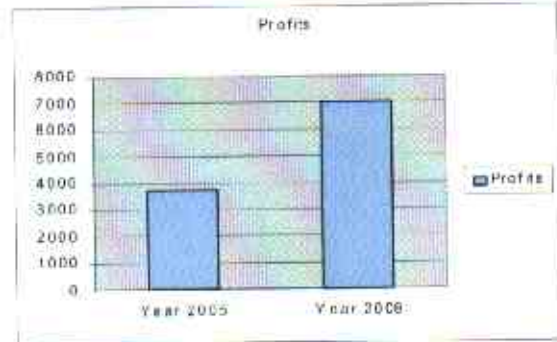
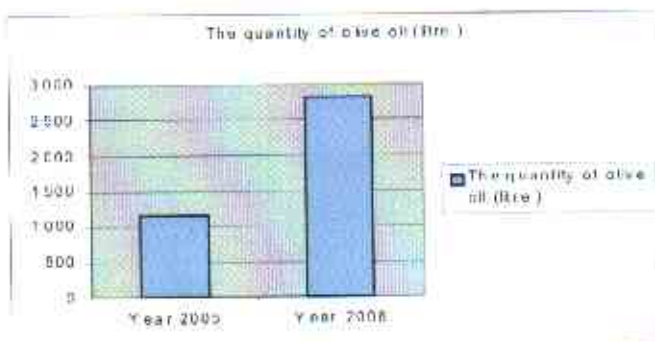
But, the biggest reach in this project for us as SIFE team was to convince 2 farmers in this area to collect their production and to send it in a manufacturing factory. The farmers and the factory's owner sign a contract for 2 production seasons and they have profits by this cooperation. The income of the farmer bided up with 50%, and also the factory has its profits because from 1000 kv that it has manufactures a year before now it is manufacture 15.000 kv olive in season.

**We fulfill criteria number 1,2,3,4,5.**



**Productivity**  
• Before 22000 liter milk  
• Now 328500 liter milk

**Annual Profit**  
• Before 32060 €  
• Now 71580 €



## Wine Production

Albania being one country in the region that has several types of climate and microclimate is very suitable in the cultivation of different kind of plants not ably in that of viticulture. So we have the courage to give ideas and implement them, so taking multiply kinds of plants and Wines.

Before we went there the management of raw materials was in very poor condition and so were the conditions of wine production. Wine packing was made in plastic bottle and wine cask. During the inspection we find a considerable amount of microorganisms in different place of the winery. Beyond the mismanagement of the production operations, the farmers don't kept bookkeeping.

We realized our development project doing investments with low cost and with high economic efficiency, which include:

The changing of plastic bottle with glass bottle.

The improvement of hygienic conditions of all the winery.

The training of the wine-grower and workers in the application of the correct production technology.

The introduction of 2 new variety of grapes

The market research and promotion of the holdover wine and new one expected.

The normalization of production term of wine.

After SIFE operation, the raw material had a better control as well and the technology processing.

With the changing of the plastic bottle with them of glass and the application of exact wine production term, the revenue had an increment as following:

Expectation of sales for 2006	9000 liters * 4 € = 36000€
<b>Sold befor</b> our contact	4000 liters * 4€ = 16000€
<b>Sold after</b> our contact	5000 liters * 6€ = 30000€
Total	46000€
<b>Profits</b> from right application technics terms	46000€ - 36000€ = <u>10000€</u>

With the research of our markets (supermarkets and groceries) we notice an increment of demand for Pino Noir so we transmit it to the farmers and did the sapling purchase. Although the farmers didn't possess Kaberne stem which is a demanded variety we purchase and the sapling of this variety.

Those 2 varieties of grapes give wines with high quality. By mixing of those varieties it derive a good wine and with good annual profit.

We fulfill criteria number 1,3,4,5,6.

