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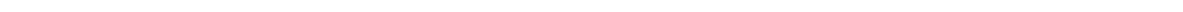
## **The Marketable Surplus of Milk Production in Egyptian Village**

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(Soliman, 1985 )

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( ) .....MMRS<sub>ijc</sub> = 932.06 + 0.82MPRODi<sub>jh</sub> + 92.1 MP<sub>ijh</sub> + 511.41R<sub>ijh</sub>  
 (0.02) (640.36) (150.11) (184.73)  
 R<sup>2</sup> = 0.97 F = 391.96

Intercept

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(Soliman, 1985)

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( ).....  $BRA_i = f(FMA_i)$

( ).....  $MPROD_{ih} = f(H_{im})$

( ).....  $H_{ih} = f(BRA_{ih})$

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$i$   $=BRA_i$

$i$   $=FMA_i$

$h$   $i$   $=MPROD_{ih}$

$h$   $=H_{ih}$

$=c$   $=b$

( ).....  $MPROD_{ih} = 130.51 + 1569.19H_{ic} + 1579.65H_{ib}$   
**(184.07) (60.98) (64.75)**

$R^2 = 0.942$   $F = 474.36$

( ).....  $BRA_i = -0.29 + 0.56 FMA_i$   
**(3.18) (0.05)**

$R^2 = 0.69$   $F = 125.44$

( ).....  $H_{ic} = 0.34 + 0.0399 BRA_i$   
**(0.33) (0.01)**

$R^2 = 0.27$   $F = 22.15$

( ).....  $H_{ib} = 0.30 + 0.037 BRA_i$   
**(0.31) (0.01)**

$R^2 = 0.28$   $F = 21.78$

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(Soliman, Fitch, Abdul Aziz, N ,1981)

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(Soliman, 1994)

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## **The Marketable Surplus of Milk Production in Egyptian Village**

### **Summary**

There is a deficit in domestic milk production to cover the national Consumption. The gap between consumption and production reached about 1.3 million tons in 2014. The slow growth in domestic production indicates that such gap is expecting to expand in the future. The traditional mixed farming system which is the common agricultural system in the Egyptian villages produces about 82% of the domestic annual milk production in Egypt. However, the traditional farmers suffer from poor marketing system including unfair transactions.

The study relied on another field survey designed and performed by this study through a Questionnaire. The data were collected during the year 2016 to cover the agricultural year 2015/ 2016. The sample size was 60 farms from two villages in Sharkia governorate. One village was near the urban markets and the other relatively far from those markets. Such field sample survey data were used to estimate an economic model of the dairy market surplus in the Egyptian village.

The results of the economic model of the dairy market surplus in the Egyptian village showed that every additional 1- kg of milk production from adds about 0.87 kilograms to the milk marketed surplus. While a same increase of cow milk adds about 0.82 kilogram to the marketed surplus., the rest of the marginal increase, is directed to the consumption of the farm household.

While the village fare from the urban market sold 64% of the milk marketed surplus to the wholesalers, only 46% was sold from the other village close to the market to the same outlet. The model, also showed that the market milk surplus from the village near the urban markets increased by 408 kilogram of buffalo milk and by 511 cow milk above that sold from the village far from the urban markets.