

FINAL GROSS PRODUCTION VALUE IN ŽABLJAK

DAIRY PRODUCTION

- production of sheep's milk $3000 \times 50 \text{ l} = 150000 \text{ l}$
- production of sheep's milk cream $150000 : 20 \text{ l} = 7500 \text{ kg}$
- production of sheep's cheese $142500 \times 8 = 11400 \text{ kg}$
- production of cow's milk $1000 \times 2000 \text{ l} = 2000000 \text{ l}$
- production of cow milk cream $2000000 : 2 (50\%) \text{ l} = 1000000 : 20 \text{ for } 1 \text{ kg} = 50000 \text{ kg}$.
- production of cow's cheese $2000000 : 2 = 1000000 : 12 \text{ for } 1 \text{ kg} = 83333 \text{ kg}$.

TOTAL VALUE OF DAIRY PRODUCTION

Product type	Production (kg)	Value (€)	Rebate	Possible income (€)
Sheep milk cream	7500	20	20%	120.000
Sheep cheese	11400	6	20%	54.720
Cow milk cream	50000	14	20%	560.000
Cow cheese	83333	4	20%	266.665

Total dairy production: 1.001.385 €

MEAT PRODUCTION

- production of beef meat $300 \times 300 \times 1.8 \text{ e} = 162000\text{€}$
- production of older cows $300 \times 420 \times 1.00 \text{ e} = 126000 \text{ €}$
- sale of lambs $2500 \times 40 \times 2.4 = 240000\text{€}$
- Sale of older sheeps $300 \times 57 \times 1.40 = 23940\text{€}$

RECAPITULATION OF MEAT PRODUCTION

Type of meat	Kg	Value (€)
Beef	90.000	162.000
Cow	126.000	126.000
Lamb	100.000	240.000
Sheep	171.00	23.940

Total livestock production (dairy and meat products): 1553325 €

PLANT PRODUCTION

-production of barley 20 ha x 1500 kg = 30000 €

-production of rye 10 ha x 2000 kg = 20000 €

-production of potatoes 120ha x 20000kg = 2400000kgx0.50 = 1200000 €

-production of cabbage 5 ha x 8000kg = 40000 x 0.20 = 8000 €

AVERAGE VALUE OF AGRICULTURAL LAND

-grazing land 15000ha x 10000m = 150.000.000x1€ = 150.000.000€

- meadows 6500 ha x 10000 m² = 65.000.000x3€ = 195.000.000 €

Total = 345.000.000 €

ECONOMIC SIZE OF HOUSEHOLDS According to MONSTAT statistics for ŽABLJAK

1.867,398 €: 623 households = 2,997 € per household

The meadow area is 6500 ha when we divide that number by the average population of 3500 in Zabljak we get $6500: 3500 = 1.85$ ha of arable land per capita.

This data corresponds to the agro-economic parameters of the WTO methodology and calculation. So the estimated average value per cow would be from 1000-1200 Euros and 100-120 Euros per sheep, from which follows the following calculation:

$1000 \times 1000 = 1000000$ (1200000)

$3000 \times 100 = 300000$ (360000) = 1300000 (1560000)

The total amount of 1300000 is approximately 1553325 or 1560000.

According to MONSTAT official data the total number of households in Zabljak is 623,

The average number of cows per holding is $4 \times 1000 \text{€} = 4.000 \text{€}$

The average number of sheep per holding is $60 \times 100 \text{€} = 6.000 \text{€}$

Balance $4000 + 6000 = 10.000 \text{€}$

The average number of active farmers on the farm is 2 or 3 members, which is divided by the total value of production $10000: 3 = 3.333 \text{€}$: 12 months. = 277€ which is the amount of average earnings per household member.