



# Busha; Illyrian Cattle; Brachyceros





- **Farms of Busha cattle are small (2 head),**
- **Oriented in meet their own family consumption.**
- **A Cow per year, one lactation and a calf.**
- **More than 8 lactation**
- **Good fertility**
- **High resistance**
- **Compared to live body weight, produce reasonably well...**

# **The overall activities undertaken in 2012:**

- **Identification of bovine bush in Kosovo.**
- **The advantages of breeding cattle Bush compared with other breeds of cattle and other species.**
- **Identification of Busha products and marketing.**
- **Study breeding Busha in relation to the environment.**
- **The study of economic parameters for different features.**
- **Recommendations for stakeholders (farmers, government institutions, associations, processors, consumers, tourism, etc..),**

Municipality	Total cattle	Declared by outhorities Busha cattle (head)	Only Busha (%)	Busha present after monitoring (%)
Deçani	7661	3225	42.0	14.5
Dragashi	7223	1483	20.5	7.0
F.Kosova	3780	88	2.32	0.2
Ferizaj	13863	440	3.17	0.6
Gjakova	25664	9285	36.17	9.5
Gjilani	7346	602	8.19	1.3
Glllogoci	11483	733	6.38	0.4
Istogu	8172	99	1.21	0.2
Kamenica	13501	449	3.32	1
Kaçaniku	6816	1827	26.8	9.5
Klina	10405	2512	24.14	0.6
Lipjani	14882	2067	13.88	0.1
Malisheva	12844	4814	37.48	5.6
Mitrovica	8876	1794	20.21	3.3
Novobërda	2140	869	40.61	7.4
Obiliqi	5297	83	1.56	0.4
Peja	16800	3536	21.04	0.3
Podujeva	20311	441	2,17	0.5
Prishtina	6652	611	9.18	2.0
Prizreni	8012	1896	23.66	9.0
Rahoveci	7137	990	13.87	3.8
Shtërpca	1289	308	23.89	7.0
Shtimja	5726	348	6.07	0.7
Skenderaj	20420	2562	7.64	1.0
Suhareka	9784	1037	10.59	4.0
Vitia	3855	581	15.07	4.5
Leposavic				~ 0.5
Zubinpotok				~ 0.5
Zvecan				~ 0.5
Vushtrria	12482	480	3.84	0.4
<b>Total</b>	<b>272.421</b>	<b>4.3160</b>	<b>16.26</b>	<b>3.21</b>



 Vendet ku jane marre mostrat  
 Vendet ku Busha eshte me e pranishme

Busha presence above 5% (dark); less than 5% (yellow)

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<b>Traits</b>	<b>BSH</b>	<b>BD</b>
<b>Milk kg /head</b>	1700.0	2300.0
<b>Fat (%)</b>	4.19	4.14
<b>Protein (%)</b>	3.38	3.34
<b>Laktoz (%)</b>	4.58	4.46
<b>Dray matter (%)</b>	12.7	12.66
<b>Acidity (SH°)</b>	7.47	7.6

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**Milk quality**

**BSH**

**BD**

**CFU/mL**

114.0

120.72

**SCC/mL**

168.0

164.4

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# *Effect of breed on first insemination*

Effect of breed	N	First insemination	
		X	SE
Simental	77	102.03	1.49 <sup>b</sup>
Brown Swiss	96	112.74	3.22 <sup>a</sup>
Busha	45	64.15	2.42 <sup>c</sup>
Analyses of Variance	<i>df</i>		Pr>F
Breed	2		0.0001



# *Effect of breed on number of insemination per pregnancy*

Effect of breed	N	Insemination per pregnancy	
		X	SE
Simental	77	1.74 <sup>b</sup>	0.02
Brown Swiss	96	1.82 <sup>a</sup>	0.04
Busha	45	1.20 <sup>c</sup>	0.01
Analyses of Variance	<i>df</i>		Pr>F
Breed	2		0.0022

## *Effect of breed on open period*

Effect of breed	N	Open period	
		X	SE
Simental	77	143.45 <sup>b</sup>	2.08
Brown Swiss	96	159.31 <sup>a</sup>	3.11
Busha	45	83.01 <sup>c</sup>	0.56
Analyses of Variance	<i>df</i>		Pr>F
Breed	2		0.0001

# *Effect of breed on pregnancy rate at insemination 1<sup>st</sup>*

Effect of breed	N	Pregnancy rate at insemination 1 <sup>st</sup>	
		X	SE
Simental	77	39.9 <sup>b</sup>	0.55
Brown Swiss	96	30.4 <sup>a</sup>	0.39
Busha	45	62.8 <sup>c</sup>	0.22
Analyses of Variance	<i>df</i>		Pr>F
Breed	2		0.0001

# Dukagjini Busha



# Sharri Busha



# Grazing environment for cattle in Kosova.....



# Cattle fairs in Kosovo !!!!



# To compete with other breeds!!!!





# What next.....

- **Joint project application, including:**
  - **Wider traits (production, fertility, resistance, etc).**
  - **Management advantages,**
  - **Rural development impact**
  - **Country Research and development (R&D) strategies .**
  - **Potential target: FP7, FAO.....**
  - **Network existing**