


# FARM VISIT - DAN SLOVAKIA AGRAR




**WELCOME**  
to  
**DAN Slovakia AGRAR (JsC.),**  
**Veľký Meder**

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## Location





## HISTORY

- 11-th September 2001  
Dan-Slovakia Agrar a.s. Established

Till the end of 2001  
-purchase of 3 empty pig farms  
(Nagy Dur, Urbina and Dolny Stal)

- 2002 Reconstruction of pig farms
- Since 2002 Novy Dvor has been continuously reconstructed.




## PRESENT SITUATION

- Modern dairy production with 1300 cows with the highest milking yields in Slovakia.  
(11 146 kg/cow/year 2006)

3700 ha of agricultural land



Mogens HANSEN,  
General Director



## ACTIVITIES

PLANT PRODUCTION		ANIMAL PRODUCTION	
maize - corn	1200 ha	• Cattle Production (2 400 heads)	• Pig Production (70 000 heads, incl. 3000 sows)
wheat	800 ha		
barley	500 ha		
oil rape-seed	400 ha		
maize - silage	500 ha		
alfa-alfa	200		
grassland	100 ha		

**CALF MANAGEMENT**



**HEIFER MANAGEMENT**


- TMR 1
- 66% haylage
- 33% corn silage
- + straw
- + grain supplement
- 
- TMR 2
- alfalfa haylage
- straw
- corn silage
- Minerals
- sunflower-cake



**DRY COWS and CLOSE UP HEIFERS**

**TMR:**

- 3,5 kg wheat straw
- 16 kg maize silage
- 3 kg grass senage
- 1kg grass hay
- 1 kg soybean meal
- 0,15 kg special dry cow premix



**MILKING HERD MANAGEMENT**



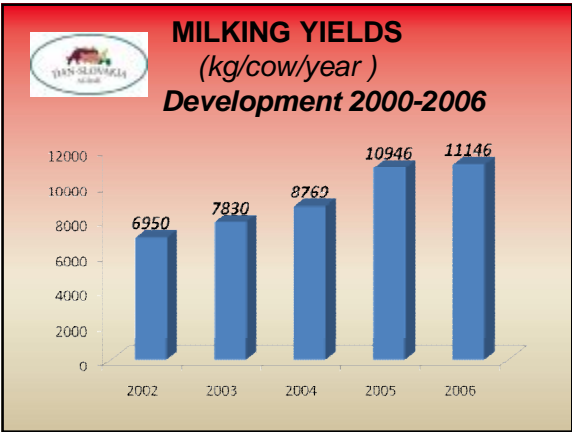

5 groups:

- Fresh cows
- 1st lactation cows
- 45 litres cows
- 40 litres cows
- 30 litres cows:
- Older cows
- First lactation cows

TMR:

- maize silage
- alfa-alfa senage
- wheat straw
- sugar-beet pulp
- soya mix:
  - 65% soya-bean meal
  - 22% maize fodder
  - 13% wheat bran (otruby)
- rape-seed cake
- sun flower cake
- bypass
- premix
- protected fat
- alfa-alfa hay

**MILKING SYSTEM**


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**TOP 200 FARMS IN SLOVAKIA - 2006**



Rank: 1.  
 Average Milking Yields: 11 146 kg/cow/year  
 Milk Quality: Fat: 3,75 %  
 Protein: 3,18 % ?

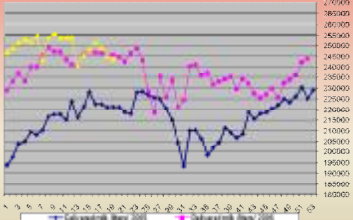
**100 TOP HOLSTEIN COWS - 2006**



Rank	Sire	Lactation	Milk kg	Fat %	Prot. %
1	JORRBLAKE	2	16 276	3,31	2,71
5.	MANAT ET	2	15 456	3,61	2,97
7.	RICECREST MONDAY ET	2	15 280	3,56	3,05
10.	RICECREST MONDAY ET	2	15 120	3,44	3,01

Out of 100 TOP Holstein Cows – 30 cows come from Dan Slovakia Agrar a.s.

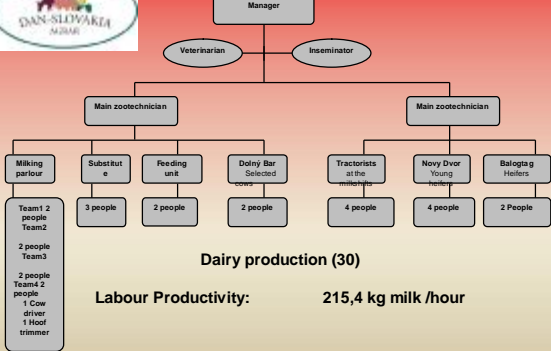
**MILK PRODUCTION Development 2001-2006**



**CATTLE PRODUCTION 2006**

Item	Information
Dairy Cows (heads)	1300
Heifers (heads)	900
Calves and Young Cattle (heads)	200
Breed	Black Holstein
Housing System	Loose Housing in Cubicles with rubber mattresses
Pasture	No
Milking Parlour (type)	Boumatic 2 x 24, side by side
Milking Times (times/day)	3
Milking Yields	11 146 (kg/cow/year)
Milking Cow Record	17 344 (kg/cow/year)
Milk Sale	12,73 mil. kg
Milk Quota	16 mil. kg
Age at the first calving	27 months
Time between 2 calvings	415 days
Average age of dairy cows	4 years
Culling rate dairy cows	29,7 %
Calf Mortality	3,3 %

**MANPOWER**



Dairy production (30)  
 Labour Productivity: 215,4 kg milk / hour

**RESULTS OF EDF ANALYSIS**

Total of returns	26,56 €
Milk sales	24,33 €
Cattle sales Change in livestock	2,23 €
Direct payments	0,00 €
Other returns	0,00 €
<b>Total costs</b>	<b>25,16 €</b>
Animal purchases	0,00 €
Vet and medicine costs	1,06 €
Insemination and embryo transfer	0,38 €
Other direct costs animal production	0,79 €

## RESULTS of EDF Analysis

Purchased feed	11,14 €
Personnel expenses	2,92 €
Maintenance of machinery	1,13 €
Fuel and energy	1,41 €
Depreciation of machinery	2,39 €
Maintenance of buildings	0,48 €
Depreciation of buildings and rent	2,28 €
Overhead costs	1,18 €
All opportunity costs	0,37 €
<b>Family farm profit</b>	<b>1,76 €</b>
<b>Entrepreneurs profit</b>	<b>1,39 €</b>

## INVESTMENTS 2001-2006:

- Reconstruction of all barns
- Reconstruction of milking parlour
- Purchase of new milking technology
- Purchase of new Steiman and group sheds for calves
- Reconstruction of calves barns
- Construction of the storages for feedstuff components
- Purchase of technique (feeding machine, tractors....)

## STRATEGY and OBJECTIVES

- Extension of the herd to 1800 cows within next 2 years.
- Increase of the milk sale for 16 mil. kg within next 2 years
- Reconstruction of the outdoor facilities of the barns (feeding corridors)
- Reconstruction of the calving barn and boxes
- Increase of feedstuff storages capacity



***Thanks for Your Attention***

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