

**THE NORMANDE RACE AND QUALITY OF IT'S PRODUCTION
IN CONDITIONS OF CZECH REPUBLIC**

NORMANDE RACE AND CZECH NORMANDE ASSOCIATION IS PRESENT IN CZECH REPUBLIC FROM THE YEAR 2002.
DURING THOSE 12 YEARS WE HAD POSSIBILITY TO TEST NORMANDE IN OUR CONDITIONS VERY CAREFULLY.

HOW LOOKS OUR CONDITIONS?

FEW KEY NUMBERS TO INTRODUCE SITUATION IN CZECH REPUBLIC :

CZECH REPUBLIC- SMALL COUNTRY WITH 10.000 000 INHABITANTS GEOGRAFICALLY LAYS IN THE CENTER OF MIDDLE EUROPE.

Czech Republic 2013 RACES and Ø milk yield		number of MC cows in Czech herdbook	lact. days	milk	% F	kg F	% A	kg A
Holstein	H	194 384	299	9315	3,76	350	3,31	309
Czech Red&White spotted	C	132 691	295	7003	3,97	278	3,50	245
Normande	N	211	295	6502	4,10	266	3,60	234



Czech Republic 2013		number of cows
Ø dairy herd size		238

Czech Republic 2013		milk cows in %
pasture system		4

		for farmer		in market
Czech Republic 2013			€	€
Ø milk price per 1000 lt		335	in exchange rate 2013, CZK/€=25,5	712

+ UNFAVORABLE MILK PRICE CONSTRUCTION (not only kg of Fat and Protein, but always some part (not small one) of price is based on plasma-water)



for farmer		
Czech Republic 2013		SEU class only in €
Ø price/kg life weight	BULL	1,785

in exchange rate 2013, CZK/€=25,5

in market	
front beef with bone	back beef without bone
4,155	8,098

for farmer		
Czech Republic 2013		SEU class only in €
Ø price/kg life weight	COW	1,220

in exchange rate 2013, CZK/€=25,5

in market	
front beef with bone	back beef without bone
4,155	8,098



bull from crossing H x N

ONLY LACONIC VALUATION ON THE END OF INTRODUCTION PART: AS SEEN, WORSE CONDITIONS FOR NORMANDE DEVELOPEMENT IS NOT EASY TO IMAGINE.

CZECH NORMANDE RACE EVOLUTION:

OF COURSE, WE DID NOT MAKE ALL STEPS RIGHT, ON OUR WAY OF DISCOVERING NORMANDE RACE.

WE HAVE FOUND OUT ALSO DIRECTION WHICH SEEMS TO BE BLIND WAY. IT IS KEEPING NORMANDE TOGETHER WITH HOLSTEIN ON VERY INTENSIVE FEEDING SYSTEM, WITH HIGH SUBVENTION OF CONCENTRATES ON MILKING LEVEL MORE THAN 10.500 kg. ESPECIALLY IN THE SAME BARN AND ON CONCRETE GROUND. NEVERTHELESS, AFTER OUR WRONG WAYS WE HAVE SLOWLY DISCOVERED REAL QUALITY OF THIS INTERESTING AND PERSPECTIVE RACE, TRULLY WELL. AND WHAT IS THE MOST IMPORTANT WHAT WE CAN SAFELY TO SAY? TODAY WE KNOW HOW TO USE NORMAND'S PRIORITY LUCRATIVE IN OUR ECONOMIC.

WHAT WE SEE LIKE THE MOST IMPORTANT PRIORITY OF NORMANDE FROM OUR POINT OF VIEW.

1. TOP QUALITY OF PRODUCTS (HIGH CONTENT MILK WITH THE TOP CHEESE YIELD (CASEIN) QUALITY AND ALSO VERY GOOD GROWS AND MEAT YIELD OF BULLS)
2. EXCELLENT CONVERSION FROM FIBROUS FODDER CROPS, ESPECIALLY PASTURE
3. UNUSUAL DOCILITY
4. PERFECT ADAPTABILITY INCLUDED GOOD FERTILITY IN MORE EXTENSIVE BREEDING CONDITIONS
5. VERY LOW COSTS FOR KEEPING HERD IN GOOD HEALTH



OUR MEMBER - MR. ZAORAL OWN FARM WITH 40 HOLSTEIN AND SOME NORMANDE COWS. FEW PUREBRED AND FEW CROSSED WITH HOLSTEIN. HE IS WORKING IN ECOLOGICAL FARMING CONDITIONS WITHOUT CORN SILAGE AND WITH A LOT OF HOLSTEIN REPRODUCTION TROUBLES. HIS WIFE IS MAKING IN THEIR SMALL MILK FACTORY HALFHARD CHEESES FROM SOME PART OF MILK. AFTER OUR DISCUSSIONS MR. ZAORAL TOOK DECISION TO MAKE WORKING TRIAL - COMPARISON IN CHEESE YIELD BETWEEN HOLSTEIN AND NORMAND MILK. HE ASSEMBLED TOGETHER 4 GROUPS OF COWS ACCORDING TO DIFFERENT % **H** AND **N** BLOOD. FROM EVERY GROUP HE GAINED 200 LT OF MILK FOR CHEESE PRODUCTION. SORRY FOR STILL NOT ENOUGH PUREBRED NORMANDE COWS TO PUT TOGETHER GROUP no.5 - WITH ONLY (**N100**) AFTER ALWAYS THE SAME PROCESS OF CHEESE PRODUCTION WAS MADE WEIGHING OF FINAL CHEESE.



„STATEK ZAORAL“



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HERE ARE THE RESULTS:

	milk	cheese	yield	difference
	lt	kg	%	%
1. GROUP 100 % HOLSTEIN (H100)	200	24,00	12,00 control group	0,00
2. GROUP 30,7% NORMANDE (N30H70)	200	26,00	13,00	8,33
3. GROUP 58,3% NORMANDE (N58H42)	200	28,00	14,00	16,67
4. GROUP 76,7% NORMANDE (N77H23)	200	29,30	14,67	22,30

HUGE DIFFERENCE IN CHEESE YIELD !!!

IS NOT UNREALISTIC TO EXPECT DIFFERENCE BETWEEN PUREBRED **H** AND PUREBRED **N** 25-30%.

WITH SUCH RESULTS WE COULD COMPARE ECONOMIC EQUIVALENT IN CHEESE PRODUCTION BETWEEN **H** AND **N** IN FOLLOWING MILK PRODUCTIONS:

HOLSTEIN	milk/lactation	10000	9000	8000	7500	7000
NORMANDE	milk/lactation	8000	7200	6400	6000	5600

MR ZAORAL IS CONVINCED THAT FOR HIM AND HIS CONDITIONS IS CHEAPER TO MILK 6400 WITH NORMANDE COWS, THAN 8000 WITH HOLSTEIN COWS.

IF NO CONDITIONS FOR MAIZE, HE NEEDS BETTER COW'S REPRODUCTION AND LESS ORGANIC CONCENTRATES. ALSO LESS HEALTH COMPLICATED COWS.

FOR HIM IS VERY IMPORTANT TO PROCESS MILK IN OWN HANDS AND DON'T SELL IT TO BIG MILK FACTORY ALONG OF UNFAVORABLE MILK PRICE CONSTRUCTION.

UNFORTUNATELY THERE IS MINIMUM MILK FACTORIES (COOPERATIVE TYPE) OWNED BY FARMERS IN OUR COUNTRY.

AND FINALLY: WHERE IS POSSIBLE TO EXPECT FAVORABLE SITUATION FOR NORMANDE CATTLE IN CZECH REPUBLIC ?

1. IN MORE HIGHLAND REGIONS WITH LOW-BUDGET HERDS. RATHER WITH AVERAGE AND MORE EXTENSIVE FEEDING SYSTEMS.

2. IN HERDS WHERE SUCCESSFULLY USE PASTURE. IT MEANS GROUPS UP TO 150 COWS ALONG OF RATIONAL PASTURE UTILIZATION.

3. IN FARMS WHERE IS CHANCE TO EXPECT ADEQUATE MILK PRICE CONSTRUCTION OR CONTROL ABOVE MILK TRANSFORMATION AND PROCESSING.

SUCH TYPES COULD BE, FOR EXAMPLE, ORGANIC FARMS WITH OWN NORMANDE PRODUCTION PROCESSING.

LADIES AND GENTLEMEN, THANK YOU FOR YOUR ATTENTION ! AND LET ME INTRODUCE MR. DR. JIŘÍ KRÁTKÝ TO CONTINUE.



JAN ZÁMEČNÍK

vicepresident of Czech Normande Association