



Tailion & Fils farm

OWNER
Organic farm
Sainte-Prime, QC

HERD
70 lactating Holstein cows

TRIAL PERIOD
4 months

GOAL

To evaluate the effects of TRITURO[®] extruded-pressed soybean meal on milk production and quality in dairy cows under real-world commercial farm conditions.

- 16.7% increase in milk production (kg/day)
- Gross gain of \$4.09 per cow per day
- Additional cost: \$1.30/cow/day
- Gross gain of \$71,285/year
- 13.7% (0.20 kg) increase in protein/cow/day
- 20% increase (0.18 kg) in fat/cow/day
- Increase of 0.31 kg of lactose per cow per day



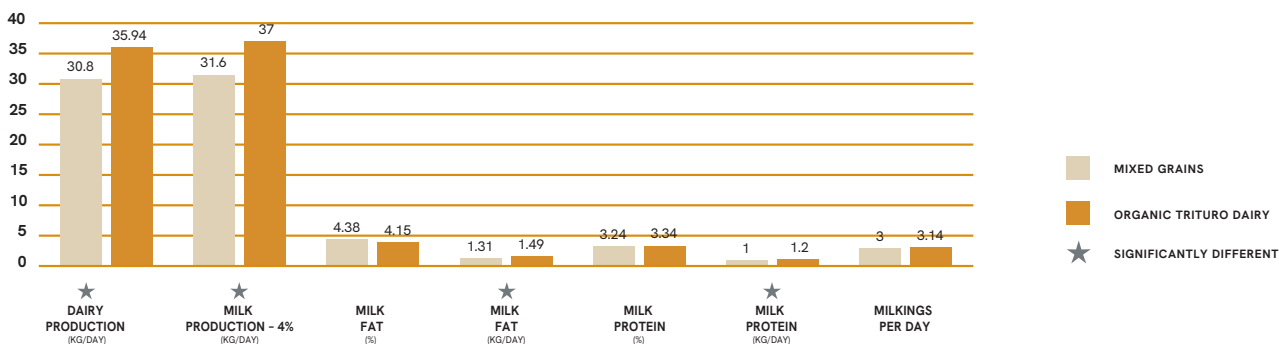
Increase in production
137,970 kg/year

Gross gain in revenue
\$71,285 \$/year

The farm produces more milk with fewer cows

Trial duration: 117 days

Graphical comparison of the study's zootechnical results



	MIXED GRAINS	ORGANIC TRITURO DAIRY
Start of the trial - 2 homogenous groups of 14 cows		
DAYS OF LACTATION	51.1	50.9
PARITY	2.9	2.6
MILK PRODUCTION (KG)	32.3	33.6
FAT CONTENT (%)	4.1	3.9
PROTEIN (%)	3.0	3.1

Composition of feed rations fed to dairy cows in both treatments

Composition	TREATMENT	
	CONTROL	TRIAL
Concentrated in Dry Matter (DM) (%)	33	32.7
Crude Protein (CP) (% of DM)	15.4	16.5
Non-Degradable Protein (NDP) (% of CP)	36.1	37.2
Net Lactation Energy (MCAL)	36.6	36.6
Fat (%)	3.1	3.1
Acid Detergent Fiber (% of DM)	26.5	26.6

Soybean processor

Soya Excel

