



English

**PRE-SLAUGHTER
OPERATIONS AND
ANAESTHESIA:
LESS STRESS IMPROVES
PIG WELFARE
CHEVILLON P.**

The reduction of stress of pigs must be a permanent aim to improve the pig welfare from fathering pen to stunning. Material, logistic and human measures are necessary during breeding, transport and stunning phase

Key words: pig Welfare, showering, cleanliness, quality of meat

**ROLE OF MEAT IN
PROTEIN NUTRITION IS
SUPPORTED BY NEW
KNOWLEDGE
PATUREAU MIRAND P.,
RÉMOND D.**

The fit between the essential amino acid composition of meat and new estimates of human requirements emphasises the high nutritional value of meat. New nutritional quality components must be taken into account for a more rational use.

Key words: amino acids, nutritional value

**DRENCHING IN PIG
SLAUGHTERHOUSES:
MANY ADVANTAGES
THROUGHOUT THE
PROCESS
VANDENBERGHE S.,
CHEVILLON P.**

The showering of pigs in slaughterhouse during summer improves the pig welfare, the cleanliness of pigs and the quality of anaesthesia. The working conditions of pigmen are also improved.

Key words: pig Welfare, showering, cleanliness, quality of meat

**CONSUMPTION OF BEEF IS
CHALLENGED IN
DEVELOPED COUNTRIES
SANS P.**

The consumption of beef is in decline in many countries in the developed world. This contribution sets out to chart the trends in beef consumption during the period 1961-1999, to isolate the main factors (economic and sociological) that account for them, and to present the results of prospective studies of beef consumption up to 2020.

Key words: consumption, beef, developed countries, prospective.