

- growth rates and increased mortality in pigs of all ages.
- intramuscular fat.
- acceptability by consumers.
- of marbling. No studies have been carried out in this regard in pigs.

the loin.



Evaluation of the impact of diseases in pig production on carcass and meat quality

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Well known production impact

The presence of PRRS and other diseases had a significant impact on the growth performance of pigs in fattening and demonstrates that the presence of the virus in the herd significantly decreases the average daily gain (ADG). This difference has a direct impact on the number of days in fattening (Figure 2).



Figure 2. Average daily gain and number of additional days of breeding to lead a pig to 100 kg.

Limited impact on quality product

- nursery and fattening.
- The presence of PRRS and other diseases did not have a significant impact on the various quality parameters measured (P > 0.05).
- animals

Conclusion

• The work carried out by the CDPQ has made it possible to quantify the impact of develop means to mitigate the effects of these diseases.



IMF results measured at the end of fattening show that the presence of diseases did not have a significant impact on the level of final intramuscular fat (P > 0.10). All pigs in the different groups obtained a similar percentage of intramuscular fat, ranging from 2.05% for healthy pigs to 2.13% for animals that had been sick in

Only drip loss shows a significant difference (P < 0.05) between healthy and sick

diseases, in particular PRRS, by providing a better understanding of their impact on product quality. A better knowledge of the impacts on carcass and meat quality makes it possible to raise awareness in the sector and, in the longer term, to

