

VII
congresso mundial do presunto
congreso mundial del jamón
world congress of dry-cured ham
Ourique // 28 a 31 Maio // 2013

Painel II | Produção de Matéria-prima – Alimentação / Maneio

OPTIMIZAÇÃO DA MATÉRIA-PRIMA:

COM BASE NO PESO DE ABATE

(OPTIMIZATION OF THE RAW MATERIAL: BASED UPON THE SLAUGHTERING WEIGHT)

Amadeu Borges de Freitas

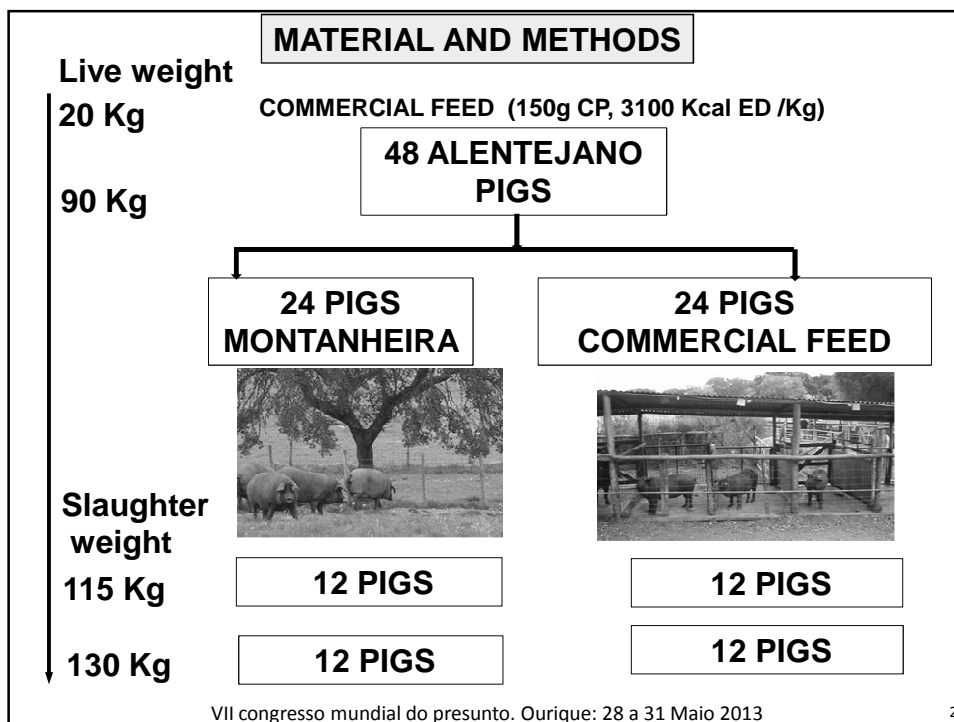


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UNIVERSIDADE DE EVORA



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MATERIAL AND METHODS

GROWTH

- FATTENING PERIOD
- DAILY GAIN

CARCASS


- CARCASS WEIGHT
- BACKFAT THICKNESS
- LONGISSIMUS DORSI AREA
- WEIGHT AND % OF HAM + SHOULDER + LOIN

HAM AND SHOULDER


- MUSCLE (Kg; %)
- FAT (Kg; %)
- BONE (Kg; %)

**BICEPS FEMORIS
INTRAMUSCULAR FAT
FATTY ACIDS**

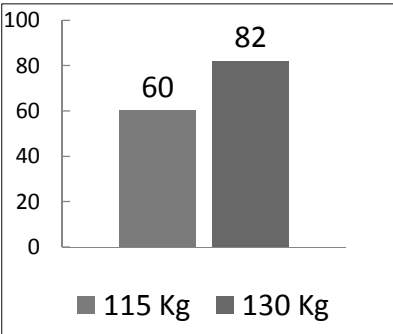
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**RESULTS
MONTANHEIRA
GROWTH**

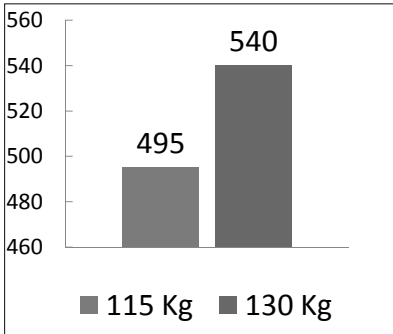


FATTENING PERIOD (DAYS)



Weight (Kg)	Fattening Period (Days)
115	60
130	82

DAILY GAIN (g/day)



Weight (Kg)	Daily Gain (g/day)
115	495
130	540

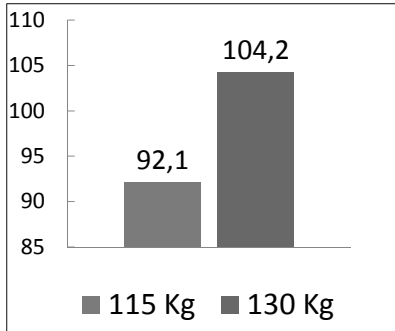
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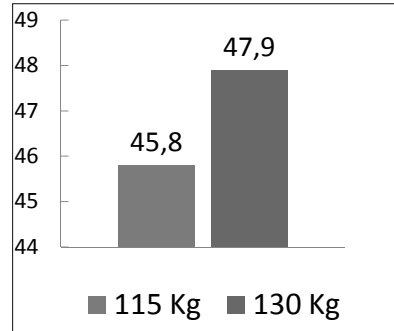
RESULTS MONTANHEIRA CARCASS



CARCASS WEIGHT (Kg)



COMMERCIAL CUTS (%)



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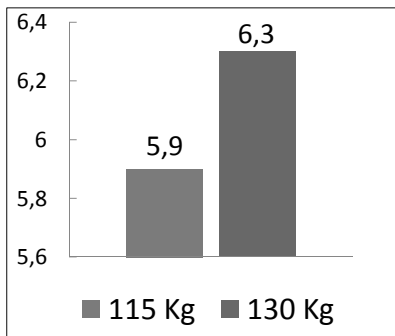
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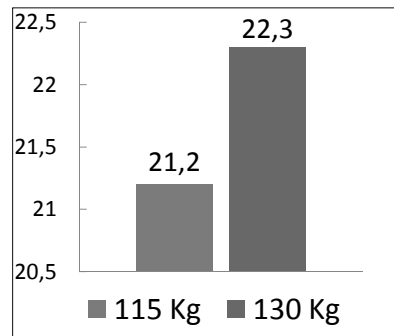
RESULTS MONTANHEIRA CARCASS



BACKFAT THICKNESS (Cm)



LD AREA (Cm²)



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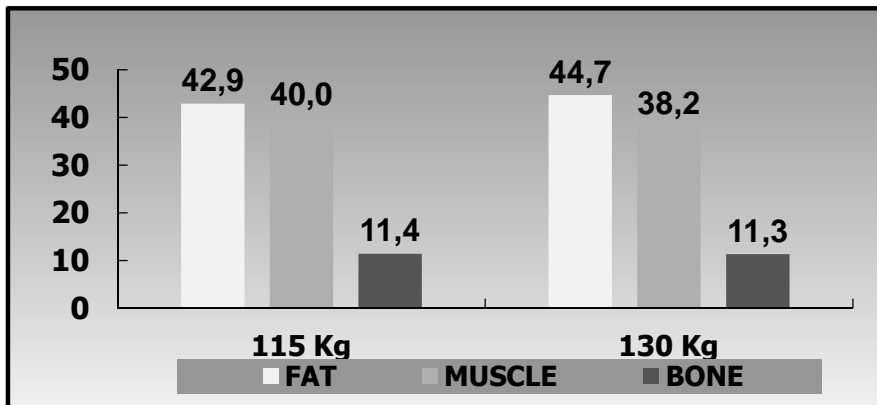


**RESULTS
MONTANHEIRA-SHOULDER**



SLAUGHTER	115 Kg	130 Kg
Shoulder (kg)	8,8	10,0

DISSECTIBLE COMPONENTS OF SHOULDER (%)



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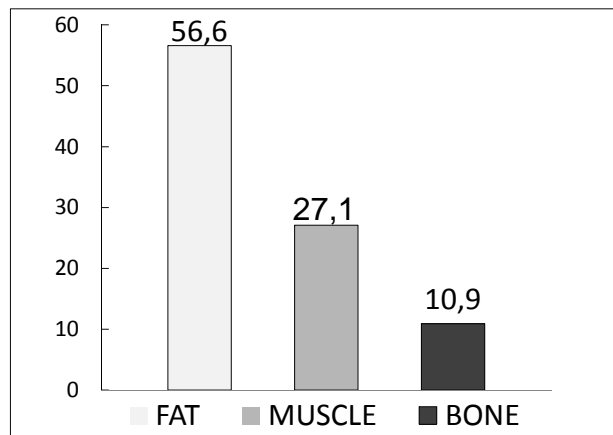
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**RESULTS
MONTANHEIRA - SHOULDER**

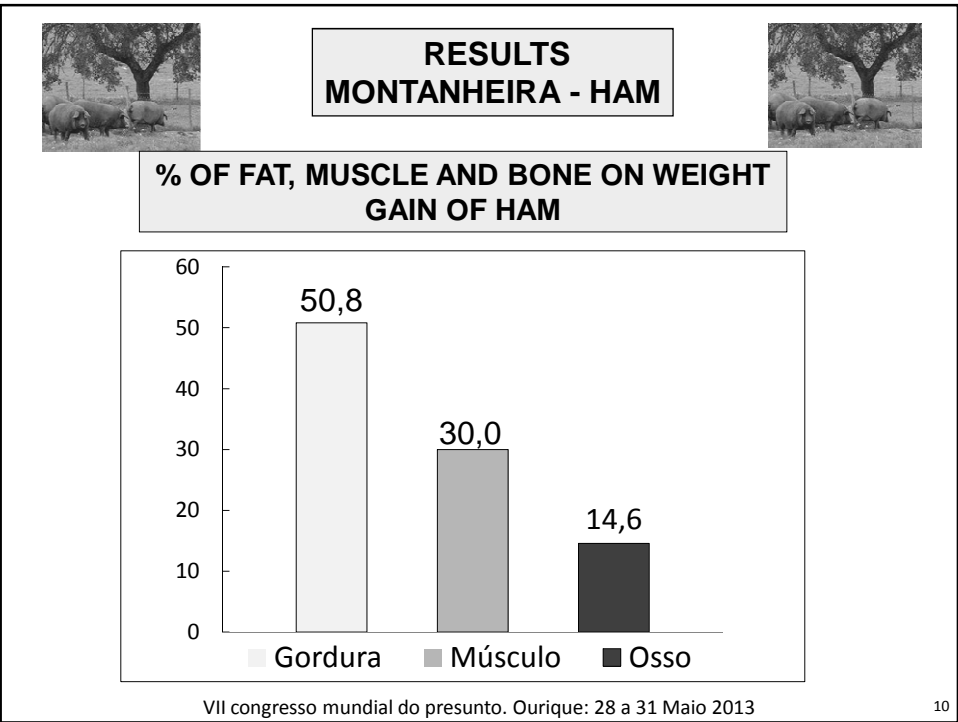
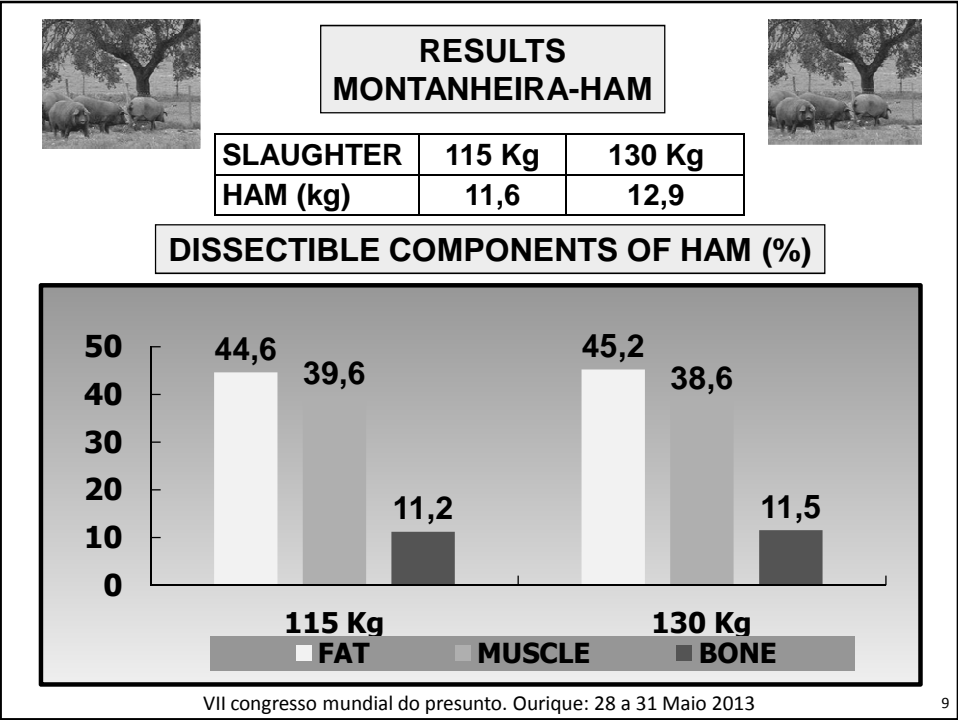


**% OF FAT, MUSCLE AND BONE ON WEIGHT
GAIN OF SHOULDER**



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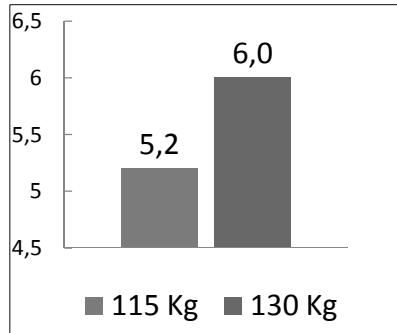




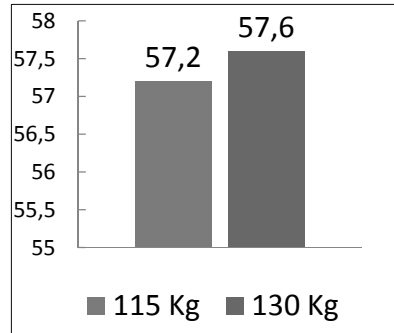
RESULTS MONTANHEIRA – HAM Biceps Femoris



INTRAMUSCULAR FAT (%)



UNSATURATED FATTY ACIDS (%)



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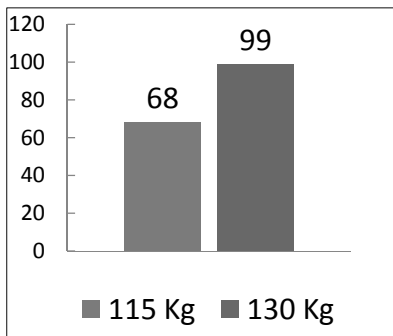
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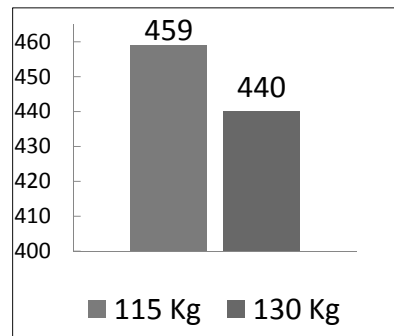
RESULTS COMMERCIAL FEED GROWTH



FATTENING PERIOD (DAYS)



DAILY GAIN (g/day)



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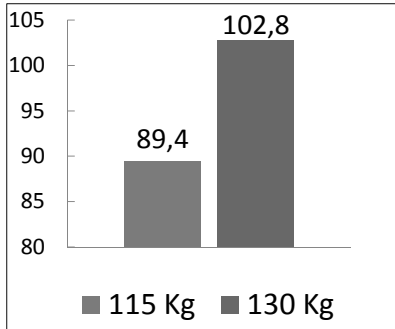
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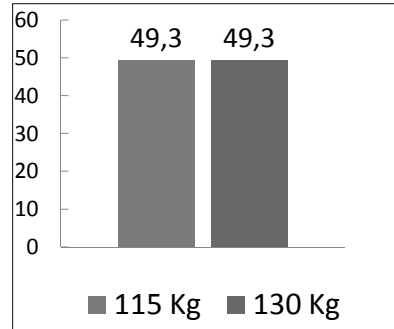
RESULTS COMMERCIAL FEED CARCASS



CARCASS WEIGHT (Kg)



COMMERCIAL CUTS (%)



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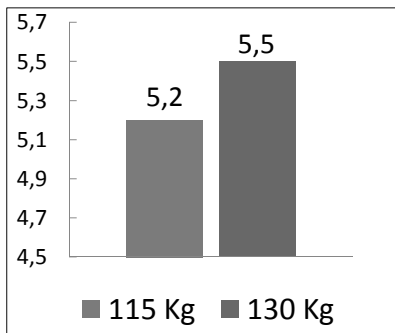
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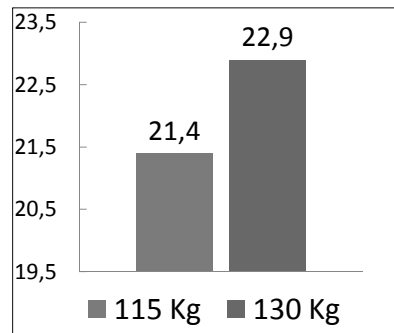
RESULTS COMMERCIAL FEED CARCASS



BACKFAT THICKNESS (Cm)



LD AREA (Cm²)



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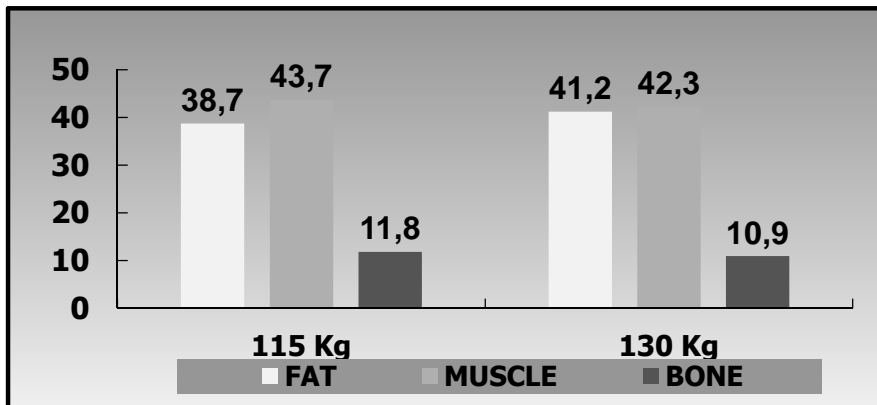


**RESULTS
COMMERCIAL FEED**



SLAUGHTER	115 Kg	130 Kg
SHOULDER (kg)	8,8	10,1

DISSECTIBLE COMPONENTS OF SHOULDER (%)



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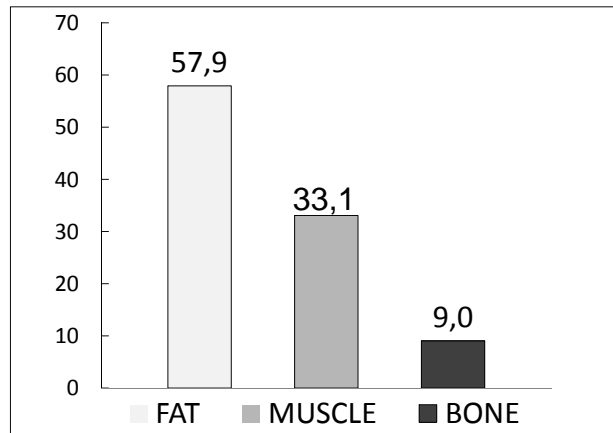
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**RESULTS
COMMERCIAL FEED**



**% OF FAT, MUSCLE AND BONE ON WEIGHT
GAIN OF SHOULDER**



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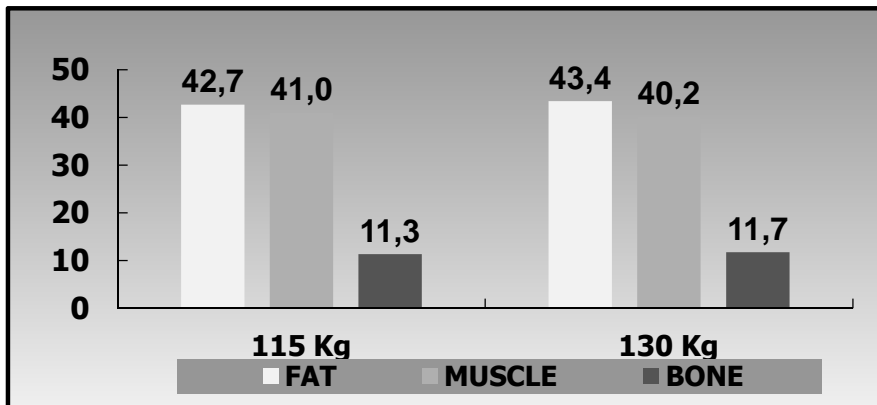


**RESULTS
COMMERCIAL FEED-HAM**



SLAUGHTER	115 Kg	130 Kg
HAM (kg)	11,4	12,6

DISSECTIBLE COMPONENTS OF HAM (%)



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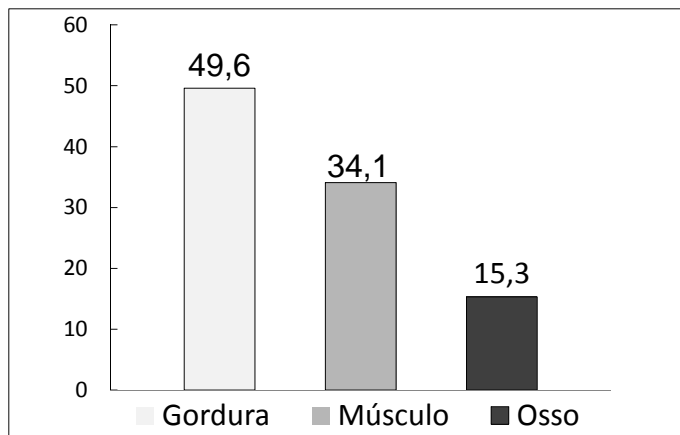
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**RESULTS
COMMERCIAL FEED- HAM**

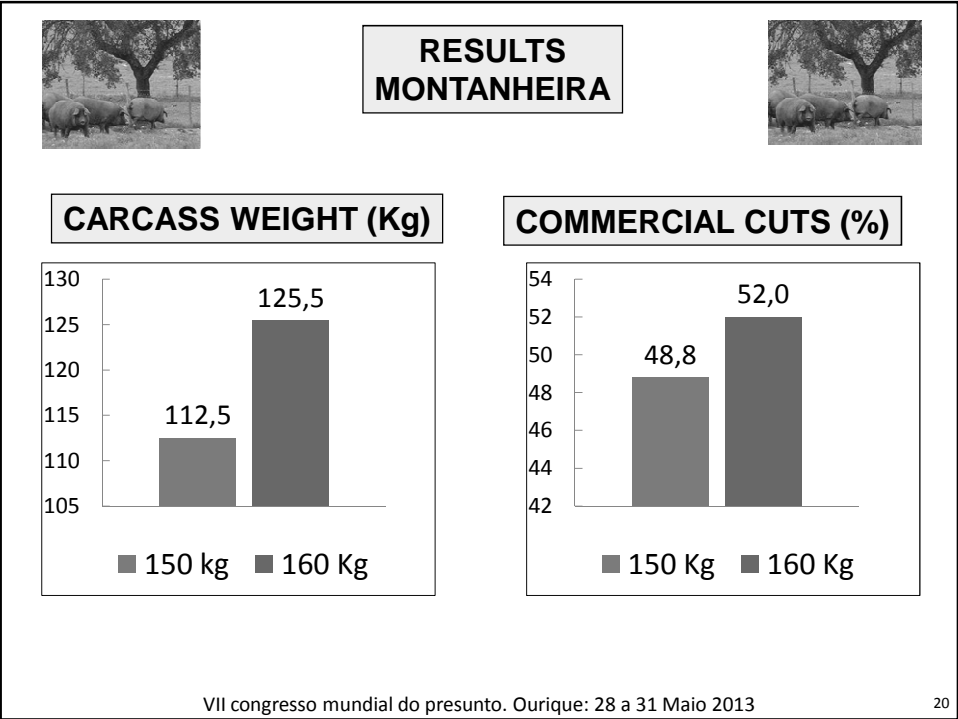
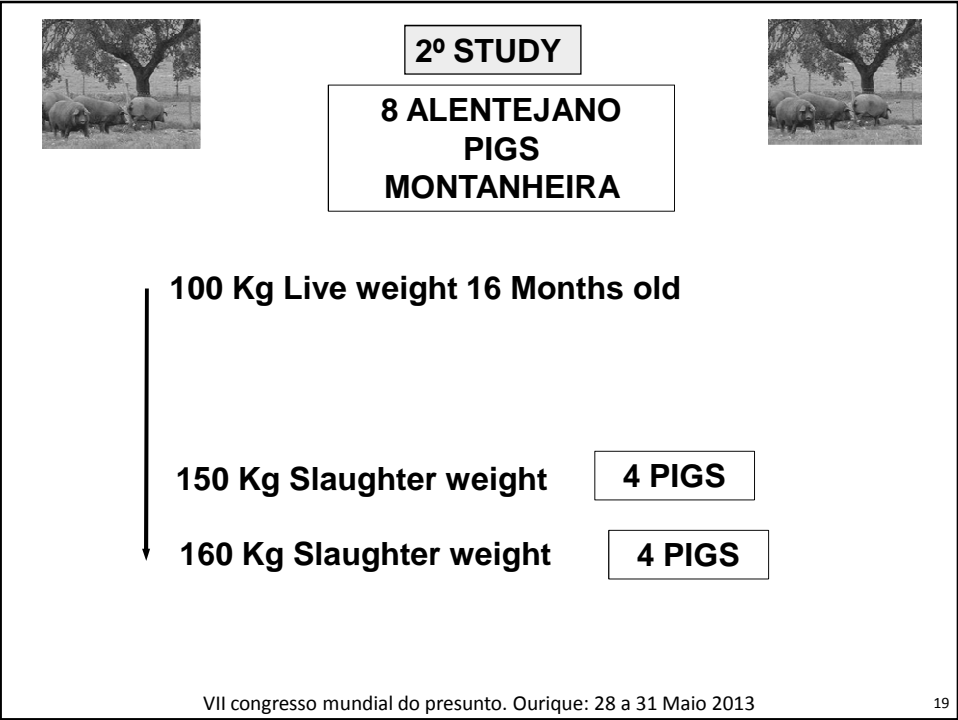


**% OF FAT, MUSCLE AND BONE ON WEIGHT
GAIN OF HAM**



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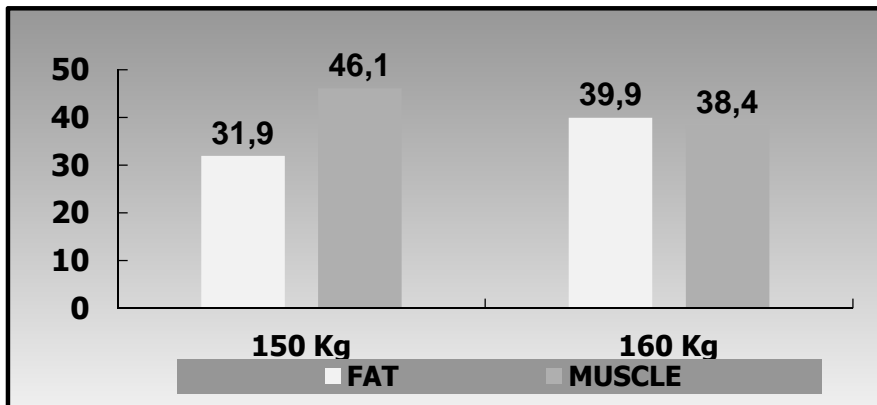


**RESULTS
MONTANHEIRA-SHOULDER**



SLAUGHTER	150 Kg	160 Kg
SHOULDER (kg)	9,6	10,7

DISSECTIBLE COMPONENTS OF SHOULDER (%)



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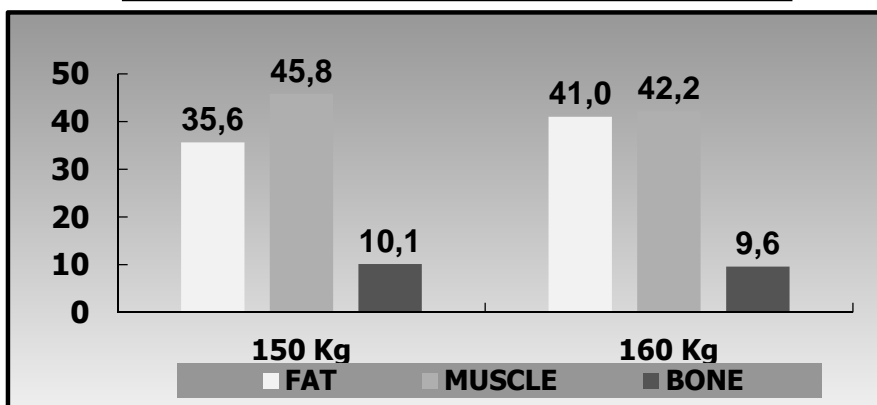


**RESULTS
MONTANHEIRA-HAM**



SLAUGHTER	150 Kg	160 Kg
HAM (kg)	13,4	15,5

DISSECTIBLE COMPONENTS OF HAM (%)



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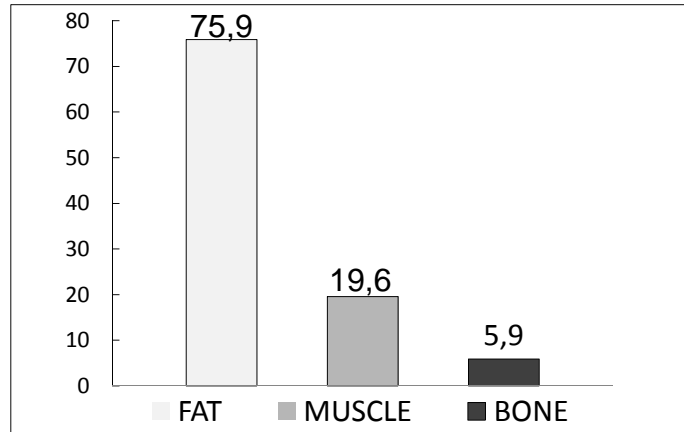
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RESULTS MONTANHEIRA-HAM



% OF FAT, MUSCLE AND BONE ON WEIGHT GAIN OF HAM



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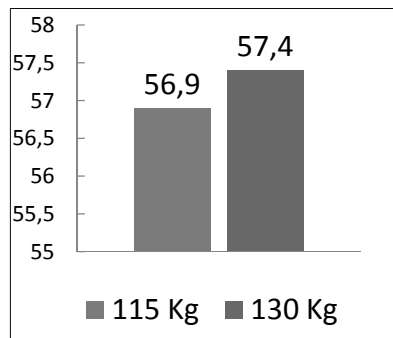
RESULTS MONTANHEIRA – HAM Biceps Femoris



INTRAMUSCULAR FAT (%)



UNSATURATED FATTY ACIDS (%)



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CONCLUSIONS

INCREASE OF SLAUGHTER WEIGHT

**CARCASS: INCREASE OF ADIPOSITIY
INCREASE OF COMMERCIAL CUTS**

HAM AND SHOULDER:

**STRONG INCREASE OF ADIPOSE TISSUE
SLOW INCREASE OF MUSCULAR TISSUE**

% FAT INCREASE

% MUSCLE AND BONE DECREASE

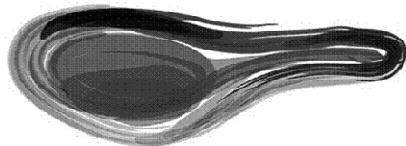
DECREASE OF MUSCLE / FAT

INCREASE OF % INTRAMUSCULAR FAT

INCREASE OF % UNSATURATED FATTY ACIDS

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