



# Pig: Monthly remainders (new methodology)

# Inputs

- **Price of piglets**
- **Price basic feed ingredients**
- **Pig carcasse price**
- **Basic parameters on fattening cycle:**
  - Initial live weight (Kg): fixed
  - Average daily gain-ADG (Kg): fixed
  - Fattening period (months): fixed
  - Feed conversion (Kg feed per Kg ADG): fixed
  - Carcass yield (index): fixed
  - Final live weight (Kg): calculated (Initial live weight+(ADG\*days fattening period))
  - Carcass weight (Kg): calculated (final live weight\*Carcass yield)
  - Amount of feed needed (Kg per 100kg carcass weight)= (ADG\*days fattening period\*feed conversion)\*100/carcass weight
  - Formula feed (basic ingredients)



# Data Sources

- *DG AGRI weekly prices (monthly averages) live animals and carcasses*
- *DG AGRI commodity price monitoring: Monthly commodity dashboard*

[http://ec.europa.eu/agriculture/markets-and-prices/price-monitoring/index\\_en.htm](http://ec.europa.eu/agriculture/markets-and-prices/price-monitoring/index_en.htm)

# Calculation basic parameters

- **Initial live weight (Kg):** fixed
- **Average daily gain-ADG (Kg):** fixed
- **Fattening period (months):** fixed
- **Feed conversion (Kg feed per Kg ADG):** fixed
- **Carcass yield (index):** fixed
- **Final live weight (Kg):** calculated = Initial live weight + (ADG \* days fattening period)
- **Carcass weight (Kg):** calculated = final live weight \* Carcass yield)
- **Amount of feed needed (Kg per 100kg carcass weight):** calculated = (ADG \* days fattening period \* feed conversion) \* 100 / carcass weight

## Calculation cost feed (monthly)

- **Average feed price (€/Kg)** = monthly price of ingredients \* coefficients feed formula
- **Cost main feed ingredients (€/100kg cwe)** = Average feed price (€/Kg) \* Amount of feed needed (Kg per 100kg carcass weight)

# Calculations cost animal purchase (monthly)

- **Price live animals (€/head):** fixed for piglet
- **Cost animal purchase (€/100Kgr cwe) =** Price live animals \* 100 / carcass weight



# Methodology: Calculation remainder (monthly)

- **Remainder (€/100Kg cwe)** = carcass price - (cost main feed ingredients + cost animal purchase)

# Pigs

## Pig fattening

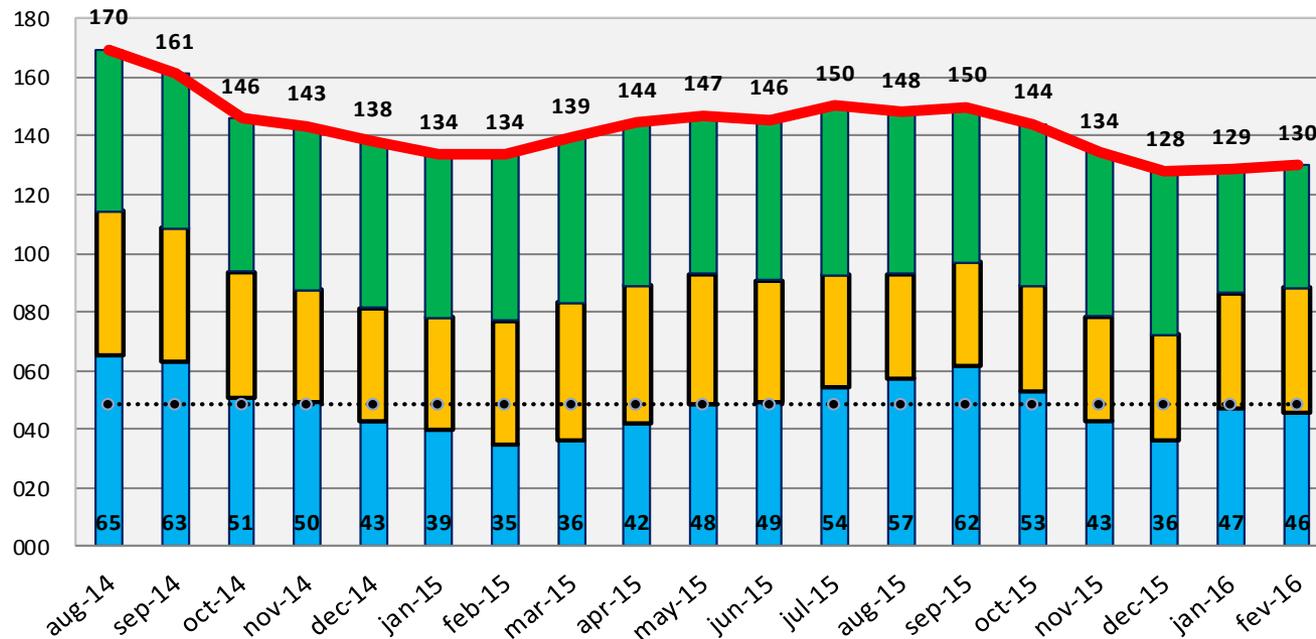
Initial live weight (Kg)	25,00
Average daily gain: ADG (Kg)	0,80
Fattening period (months)	4,00
Feed conversion (Kg feed per Kg ADG)	3,00
Carcass yield	0,78
Final live weight (Kg)	121,00
Carcass weight (Kg)	94,38
Amount of feed needed (Kg per 100kg carcass weight)	305,15
<b>Formula feed example:</b>	
<b>Ingredients:</b>	<b>100%</b>
<b>Cereals:</b>	<b>85%</b>
Corn	5%
Barley	40%
Wheat	40%
Rye	
Oats	
<b>Protein source:</b>	<b>15%</b>
Rapeseed	
Soyameal	15%
Soybean	

- *Inputs:*
  - **Price live animals:**
    - Piglets' EU monthly averages
    - Source: weekly MS notifications
  - **Price feed commodities:**
    - EU monthly averages for corn, barley, wheat and monthly world average for soybean
    - Source: Monthly commodity dashboard
  - **Price carcasses:**
    - EU monthly average for class S, E and R.



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### Remainder for pig fattening



Remainder (€/100Kgr cwe)

Cost of piglet (€/100Kgr cwe)

Feed cost (€/100kg cwe)

Pig carcass price (€/100Kg)

Average remainder (€/100Kg)



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**Thank You**