

# **FNC & Silo and Production Farm**

Bașta, Romania







FNC & Silo









## COMBINED FODDER PLANT (FNC)

The **FNC** (COMBINED FODDER PLANT) is a unit provided with equipments manufactured in 2014 and installed in 2015, able to produce combined fodder for any species under the form of flour, granules or broken cereals.

The entire production process is automated and electronically controlled, from the raw material reception stage until delivery of the finished product to the storage bunkers, bulk delivery in means of transport or towards the bag line.

The granulation capacity is up to **12 tons/ hour**.  
(large ruminant recipe)



Investments 2014-2020

**5.600.000 Euro**





GRANULATION  
CAPACITY

Up to

**12**

tons/hour









## THE SILO

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The silo, as cereal reception/ conditioning/ storage unit was conceived to serve, to the greatest extent possible, the raw material needed to FNC (COMBINED FODDER PLANT) and it can also provide services for third parties.

The silo is totally automated, it has a storage capacity of 18.000 cubic meters and it is composed of 8 storage cells and 2 intermediary cells serving the drier provided.

The equipments provided into the silo allow the performance of all operations, from the product reception up to storage, at a capacity of approximately 60 tons/ hour.



Investments 2014-2020

**1.900.000 Euro**





**18.000** cubic meters

**DRIER**

**8** storages cells    **2** intermediary cells

**OPERATION CAPACITY**

**60** tons/hour



FNC - Granulation capacity

**12**

**tons/hour**

Both the Fnc and the silo are provided with a modern laboratory which secures quality control of raw materials and end-product throughout the technological flow stages.

SILO - Operation capacity

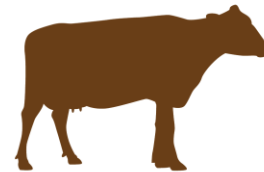
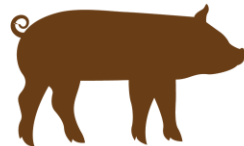
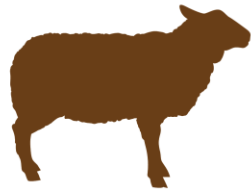
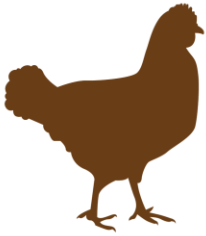
**60**

**tons/hour**





# Healthy and efficient feeding for ANIMALS and BIRDS







**PRODUCTION FARM**



# PRODUCTION FARM

In 2012, we accessed European funds on Measure 121 for the complete modernization of the pig farm. 11 modern halls have been rebuilt, with an accommodation capacity of 25,000 heads, with a production capacity of approx. 45,000 heads / year.

Investments 2014-2020

**5.800.000 Euro**



sewer system

boxing system

adaptation

feeding

controlled microclimate

thermal isolation

replacement of the entire power line

Currently, the farm has a capacity of 1400 sows actually queen.

- calving rate: 2.35 calving / sow / year
- prolificacy: 13.5 calves / sow / year
- birth rate: 92%
- weaned piglets: 12.2 head / sow
- sow replacement percentage year: 50%
- delivery of animals: 108-110 kg in 170 days

11

**MODERN HALLS**

**25000**

**HEADS**





Artificial insemination is performed in a modern laboratory, the reproduction and gestation sector being divided as follows:

- Early gestation - 372 places
- Joint gestation - 850 places
- Maternity - 350 birthplaces
- Youth sector 10 - 30 kg - 6000 places
- Fat pig sector 30 - 120 kg - 9000 places
- Total value of the investment: approx. 1,900,000 Euro



The accommodation capacity of the farm is 23000-25000 heads/series, for all fi zoological categories, including the breeding sector. The genetics used is the PIC breed, with an ideal meat content in the carcass, a good resistance and health, adapted to the environmental conditions in our area.

Calving rate

**2.35**  
calving/sow/year

Prolificity

**13.5**  
fetus/sow/year

Birth rate

**92%**

Weaned piglets

**12.2**  
head/sow

Percentage of sows  
replacement year

**50%**

Delivery  
of animals

**108-110 kg**  
at 170 days



















