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## **AN INTEGRATION IN AGRICULTURE ON THE BASIS OF COOPERATION BETWEEN PIGS PRODUCERS GROUPS AND MEAT PLANTS.**

### **Abstract.**

*Producers' group, which work successfully in EU, are alternative and chance to develop flock production in Poland. Farmers acting in the mentioned group decreased the production costs through discount to purchase the production means and higher price offered by Meat Factories. Strengthening relations with production and trade companies in the meat market is an opportunity of improving the market position of the group. The meat companies should enhance the producer groups to cooperate, i.e. they should actively improve their raw material basis.*

**Keywords:** *producers' group, production costs.*

**Introduction:** An integration of pigs producers with similarly organized meat producers and meat processing plants may be a stronger/more effective connection of national subjects on a competitive market as compared to dispersed individual farmers and small meat plants. Big traditions in fatteners production in that region of Wielkopolska contributed to faster integration processes of pigs producers. An important aim and prerequisite for that organizations formation is a creation of new, more expensive and efficient distribution channels and organization of fatteners sales.

**Material and methods:** Economic agreements, their consequences including an improvement of pigs quality, were described on the basis of the relation between meat plants and pigs producers group. The study using the method of a direct interview and survey questionnaire was conducted in 2009 on the area of Wielkopolska. The Meat Plant specialized in the production of pork meat preparations and the group of pig producers from Golejewo were used in the study.

**Results of the study:** Data describing production parameters obtained by farmers from the group on the beginning of its activity in 1999 and after 10 years are presented in Table 1.

Table 1.

**The average production values parameteres obtained in the group  
in 1999 and 2009**

| <i>Specification</i>                       | 1999 year | 2009 year | Dynamics % |
|--|-----------|-----------|------------|
| -Production scale (szt./head)              | 260       | 400       | + 53,8     |
| -Area of land (ha)                         | 15        | 22        | + 46,7     |
| -Purchase quantity                         | 18        | 25        | + 38,9     |
| -Total percent of fodder (%)               |           |           |            |
| -Quantity of self-made fodder (%)          | 82        | 75        | - 8,5      |
| -Production cost of a single head (PLN)    | 305       | 340       | +11,5      |
| -Production cost of 1kg (PLN)              | 2,9       | 3,0       | + 3,4      |
| -Fodder consumption to 1 kg of growth (kg) | 3,7       | 3,0       | - 19       |
| -Pig meatness %                            | 46        | 55        | + 19,6     |

**Conclusions:**

1. The cooperation of Meat Plants and producers groups allows for a better use made of single farmers; an intense cooperation in the period of 3 years resulted in definitely higher production results in 2009 as compared to the level from 1999.
2. Educational support organized by Meat Plant for farmers from the group and preferential conditions of the purchase of material for agricultural production improved the farmers conditions, and the most significant effect is the decrease in fodder consumption by fattener from 3.7 to 3.0 kg of fodder in the analysed period.
3. Next significant element of the group activity and self-improvement of producers was increased quality of fatteners, expressed by an increase in their meatiness from 46 to 55%.

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