

## **Suggestion of the subsidy for the breeders, implementing the Polish Red-White cattle genetic resources' preservation program**

### **Summary**

The aim of the study was to design the level of direct payments for cattle breeders maintaining two cow breeds in the farm: Polish Holstein-Friesian of red-white (RW) variety, and Polish Red-White (ZR) cattle. The study included the cows kept in cowsheds of the Opolskie and Silesian Voivodeships. The differences in 305-day lactations, subsidy level, amounting to 1140 PLN/head/year, and the average milk purchase price of 1.0566 PLN/dm<sup>3</sup> in 2010 were taken into consideration in the calculations. The suggested amount of the subsidy for 1 cow of PRW breed should be equal to 1700 PLN/year. More precise subsidy rates should be employed, taking into account the size of differences in milk yield between the cows of RW and ZR breeds, depending on the specificity of a given region, cow breed and age structure and production level of the herds. It was stated, that cows of different performance types should not be maintained in a given farm.

**KEY WORDS:** cows, preservative breeding, milk yield, subsidies