FATTENING PROGRAM USING DIFFERENT TYPES OF CATTLE FEED FERMENTED RICE STRAW AND GROWTH PROMOTER FOR INCREASING WEIGHT

Abstrak:

The aims of Science and technology for society (IbM) on UMKM are as follows: processing rice straw into tape straw as animal feed (2) Processing growth promoter to accelerate body growth (3) weight gain of local beef, crossbred Ongol (PO), crossbred Limousine (PL) and the crossbred Simmental (PS) per tail per day using fermented straw feed and growth promoters. The advantage of IBM is to increase the weight and reduce the cost of production thereby increasing farmer’s income.

The method used is the processing of rice straw into fermented (tape) straw by simple fermentation of the rice straw, molasses, urea and probiotics. Processing fermentation using medicinal spices, molasses and probiotics into growth promoter. The number of local cattle used as animal model in UMKM beef cattle, PO, PL and PS respectively by 10 tails fed by fermented straw and growth promoter.

The result of this research is a fermented straw as animal feed has 7-8% protein content. Cow weight gains per day on average between local beef, PO, PL and PS using fermented straw and growth promoters is 0.586 kg, 0.841 kg, 1.738 kg and 2.066 kg respectively.

This research suggested that IBM fattening programme provide the highest daily weight gain, respectively, followed by bovine PL, PO, and local beef.

Keyword:

Fattening, fermented straw, growth promoters, local beef, crossbred Ongol (PO)

Daftar Pustaka:

Retnaningati T. Potensi tepung jahe, kunyit dan temulawak sebagai pakan tambahan terhadap konsumsi pakan, pertambahan berat badan dan konversi pakan pada ayam pedaging. Sripsi. FKH Unair. FKH Unair 2003 Surabaya