EFFECT OF THE MONOPROPYLENE GLYCOL ADDITION IN DRINKING WATER AT DIFFERENT PERIODS DURING MATERNITY PERIOD ON THE PERFORMANCE OF DOES AND RABBITS

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ABSTRACT

Monopropylene glycol (MPG), a complementary feed and precursor of glucose for the treatment and prevention of subclinical acetonemia in cattle, has been tested in a rabbit farm by addition in drinking water at different times during parturition period. Three groups of does received 0,4% of MPG in water either during four days before birth B (B-4 days to B, BB group), or double distribution (B-4 to B) and around the lactation peak (B+14d to B+18d, LP group), or without MPG (C group). Mortalities of does and kits were unaffected by the addition of MPG. However, the addition of MPG only before parturition had a positive effect on growths and weights of rabbits from 21 to 25 days old.

Key words: Propylene glycol, *Propane-1,2-diol*, Pre-parturition, Pre-weaning, Nutritional water product.