

EFFECT OF DRINKING WATER COOLING ON THE REPRODUCTIVE PERFORMANCE OF RABBIT DOES HOUSED UNDER HIGH AMBIENT TEMPERATURE

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Material and methods

Experimental groups:

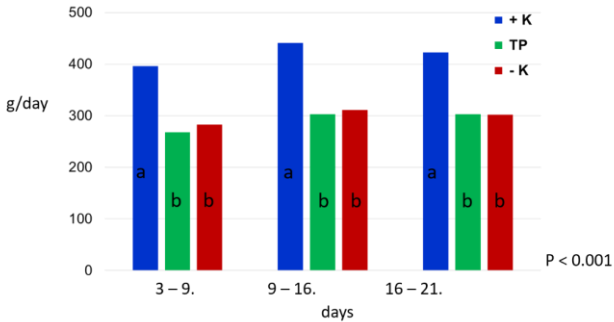
1st experiment	Positive control (+K)	Temperated group (TP)	Negative control (-K)
Ambient temperature	20 °C	28 °C	28 °C
Temperature of water	20 °C	17-18 °C	28 °C

Water cooling did not improve the performance!

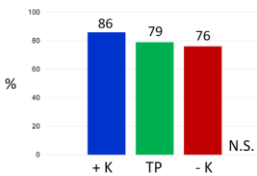
2nd experiment	Positive control (+K)	Temperated group (TP)	Negative control (-K)
Ambient temperature	20 °C	28 °C	28 °C
Temperature of water	19 °C	12 °C	28 °C

Results

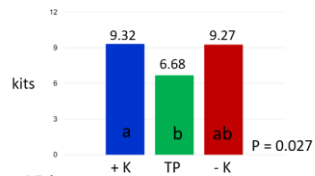
Feed intake (3-21d)



Kindling rate



Litter size - born total



Litter weight - 35d



Conclusion

Based on the results it can be concluded that water cooling was not an effective strategy to improve the reproductive performance of rabbit does kept under hot ambient temperature.