



# Effect of Thermoplus supplementation on performance under conditions of heat stress during summer period with a cooling system

## Trial context:

The Experiment was conducted in Turkey with high level producing cows (10800kg of milk/year). Farm belongs to milk company SUTAS and was already equipped with fans and sprinklers

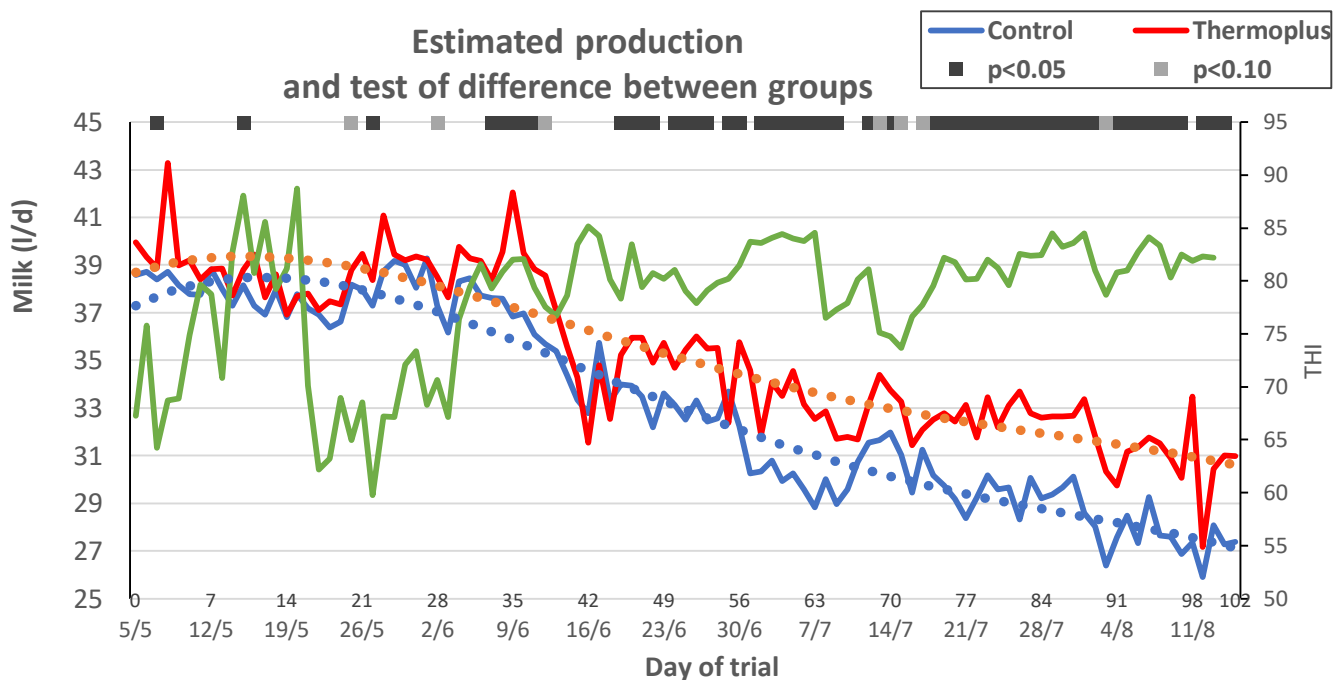
The objective of the experiment was to see if there is an additive effect of Thermoplus, even in a building well equipped to reduce the impact of warm periods on the animals.

Records daily THI (sensor and local meteo station) and total intake. Milking 3 times a day

## PROTOCOL

120 selected cows within the herd : only multiparous, after peak of lactation (>60 days in milk). Split in 2 groups control and test. Thermoplus 100g/day in test group

## Thermoplus improves milk production during heat stress



## Conclusions:

- Thermoplus increases milk production by 2.1l for global period and 3.1 l after 20th of June
- No difference in milk composition
- THI in the building was below external THI : 78 in Average and 81 after 20th of June

Trial code 0300 2020-13  
Trial Site: Turkey