

ABSTRACT

Highland, Richlife, Newdale and Kotmale yogurts were checked for E-coli followed by the test for presumptive coliform positivity, presence of yeasts and moulds and for acidity of the 1st, 4th, 8th and the 12th day from the day of preparation of yogurt, under 8°C cold storage. Trials were conducted for eleven weeks.

Richlife, Newdale and Kotmale yogurts were checked for the presence of Sorbate and Benzoate preservatives. No preservatives were added to the Highland yogurt.

Yogurt brands did not show a significant difference with the presumptive positive coliform counts and mould counts. Yogurt brands showed a significant difference with the yeast counts and the acidity.

Ascending order of the yeasts counts was recorded as Newdale, Highland, Richlife and Kotmale yogurt respectively. Ascending order of the acidity of yogurt brands was recorded as Richlife, Newdale, Highland and Kotmale respectively.

Yogurt brands were negative for E-coli and Sorbate, Benzoate preservatives.

According to the tested parameters, the keeping qualities of yogurt brands Newdale, Highland, Richlife and Kotmale were shown as the highest, the 2nd highest, the 3rd highest and the lowest respectively.