

small part of an egg, it has received as much attention as the major yolk components because of its continuing interest for human nutrition [1]. The result about cholesterol in this study was in line with [18] that reported tomato pomace inclusion in the layers hen had no significant effect on the yolk cholesterol. Moreover, the high content of fibre in tomato meal will definitely limit its use as poultry feed as it interferes with nutrient digestion and absorption [19]. Its inclusion at a lower level may however be an advantage in that it may help to reduce production cost and cholesterol level of egg

Generally, the obtained whole egg nutrients results indicated that the tomato diet up to 8% have similar quality to based diet, so, that could have beneficial nutritional impact for laying hens. These result suggest that the use of tomato meal in laying hen diets might have positive effects on whole egg quality. So, it is a possible alternative for satisfying consumers' preferences about egg quality.

IV. CONCLUSIONS

No differences were observed in hen egg nutrients and cholesterol between treatments with increasing levels of tomato meal compared to treatment R0 (control). Thus, tomato meal can be used as an alternative feedstuff in laying hen diets to substitute based diet, at inclusion levels up to 8% without negative effects on egg quality.

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