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**Applications of composite flour in development of Composite Wheat -Rye-
Okra Seed Breads****Alev AKPINAR BORAZAN^{1*}, Murat YILMAZ¹**¹ The University of Bilecik Seyh Edebali, Faculty of Engineering, Department of Chemical and Process Engineering, Bilecik/Turkey*Corresponding Author: alev.akpinar@bilecik.edu.tr**Abstract**

Bread is essential part of the diet for people especially in the developing countries. Traditionally, bread are manufactured mainly wheat and rye flours. Composite flours, containing with different vegetable flours and with or without wheat, others cereals, have increased attention in the bread making technology from researchers and customers. This study was carried out to determine the effect of different mixture blend of composite flours on the chemical, textural properties of whole composite flours as well as the breads. The different blend compositions were tested in the preparation of composite Wheat-Rye-Okra seed (WRO) breads. Wheat flour ratio was kept as 70% of whole flour by weight. But the other enrichment flours were rye (R) and okra seed (O) ratios were changed 30:0, 20:10, 10:20, 0:30 for making composite bread. Experimental results were show that used to the increasing level of okra seed flour was improved protein, minerals and some other nutrients of composite flours and their breads. This is important for metabolism and other health-related conditions.

Keywords: Composite Flour, Composite Bread, Chemical Properties, Okra Seed Flour