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## Some Soil Physical and Chemical Properties in Harran Plain

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### Abstract

Harran Plain with the total area of 225.000 ha and irrigated area of 152.000 ha. When the plain having potential of high agricultural production faced the irrigation facilities, the agricultural production increased sharply. Currently, the area of 132000 ha has been irrigated. The Harran Plain was sampled at 1x2 km intervals on the grid system, and the soil samples from the detected points (516) were obtained from depths of 0-30 and 30-60 cm. The soil properties in the plain were detected as 92% clay texture, organic matter (OM (%0,1-6,4)), pH (6,5-9,5), EC (0,1-3,0 mS cm<sup>-1</sup>), and lime (%10-68). The soil in most of the plain had a low OM content 0-2% (95.6% of the plain) and low EC, while high soil pH and lime.

**Keywords:** Soil texture, Organic matter, Soil pH, EC