**Objectives:** The present study aimed to monitor dermatophytes and othe keratinophilic fungi in soil, and composts.

**Materials & Methods**: During 11 months, from October 2019 to August 2020, 122 samples of soil and compost were collected from the rural area of Northwestern Iran, and studied for the identification of dermatophytes at species level. PCR-Sequencing on rDNA gene were used as the main method of differentiation .

**Results**: From 122 collected environmental specimens 10(8.2%) isolates of dermatophyte fungi were obtained including: *Microsporum gypseum*, *Arthroderma multifidum,* and *Arthroderma fulvum.*

**Conclusions**: As the approximation, less than 10 percent of soil and compost sources in the studied area were contaminated by keratinophilic fungi.