BÖLÜM 15

TOPRAK ANALİZ SONUÇLARININ DEĞERLENDİRİLMESİ

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Toprak analizi (testi), bir toprağın mevcut fiziko-kimyasal yapısı içerisinde bulundurduğu (kapsadığı) bitki besin elementi miktarının ve özelliğinin, yetiştirilecek olan bitkilerin ürün miktar ve kalitesi üzerine etkisini belirlemek amacıyla yapılan fiziksel, kimyasal ve biyolojik metotlardır. Bu sayede, toprağın üretkenlik potansiyeline bağlı yetiştirilecek ürüne göre toprağa verilmesi gereken gübre ihtiyac ve miktarı tespit edilmiş olur.

Toprak verimliliğinin korunması bakımından, tarlalarda her yıl; bahçelerde ise en az üç yılda bir toprak analizi yapılmalıdır. Çünkü gübre önerileri, aynı tür bitki için 2 ile 3 yıl boyunca geçerliliğini koruyabilir. Bu sürenin ardından, besin seviyelerinde önemli değişiklikler olup olmadığını belirlemek amacıyla toprağın tekrar test ettirilmesi gerekebilir/gereklidir. Örneğin, toprak analiz sonucu fosfor veya potasyum çok yüksek düzeyde bulunduğunda ve bu besinler için gübre önerilmediği durumlarda, toprağın gübreye ihtiyaç duyup duymadığını değerlendirmek amacıyla ertesi yıl tekrar analiz yapılmalıdır. Örneklemeye bağlı değişkenlik nedeniyle, gübre uygulama oranları ± % 10 oranında farklılık gösterebilir. Toprak analizi gübreleme programlarında kullanılan bir uygulama aracıdır (1). Toprakta besin maddelerinin bitkilere yarayışlılığını sınırlandıran pek çok fiziksel, kimyasal ve biyolojik toprak koşulları mevcuttur (2).

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