

BİTKİ HASTALIKLARI İLE SAVAŞ YÖNTEMLERİ VE İLAÇLAR

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ÖNSÖZ

Mevcut bitkisel üretim sistemlerinde bitkilerde ortaya çıkan en önemli sorun, hastalıkların yol açtığı ekonomik kayıplardır. Bitki hastalıkları, tarihsel gelişim süreci içerisinde insanoğlu için birçok şekilde şiddetli kayıplara yol açmıştır. Bu kayıpları önlemenin en etkili yolu, entegre hastalık yönetim stratejileri uygulamaktır. Bilindiği gibi II. Dünya savaşından bu yana tarımsal üretimi herhangi bir pestisit kullanmadan gerçekleştirmek artık mümkün olmamaktadır. Aynı şekilde bu durum, çiftçilerin ve kimya endüstrisinin ekonomik yönden ilgi görmelerine yol açmıştır. Genel olarak uygulanan tarımsal politikalar, günümüze kadar pestisit kullanımını destekler nitelikte olmuştur.

İlkesel ve yöntemlere dayalı olarak bitki hastalıkları ile savaşımın ayrı ayrı detaylı olarak açıklandığı bu kitapta, en yaygın ve sık başvurulmuş kimyasal yöntemlerin entegre hastalık yönetim stratejisindeki yeri ve önemi ayrıca vurgulanmıştır. Bu bilgi, üretim süreci sonunda elde edilecek olan sağlıklı ve kaliteli ürün ile sanayicinin ihracat potansiyelinin artırılmasında ve tarladan sofraya sağlıklı ürün anlayışı ile temiz ve sağlıklı gıda üretilerek tarım sektöründe insan sağlığının ön plana çıkarılmasında önemli olacaktır. Böylece, temiz ve yaşanabilir ekosistemlerin oluşumu ile çevresel kirlilik, hastalık etmenlerinin fungusitlere karşı direnç geliştirmeleri, yanlış kimyasal kullanımından dolayı etkisiz sonuç ve buna bağlı olarak girdi maliyetinin artması, ürünlerde aşırı pestisit kalıntı sorununun ihracatta oluşturduğu problemler ve en önemlisi insan sağlığını tehdit eden kanserojen etkiler önlenmiş olacaktır.

Nicelik olarak fazla olan bitki hastalıkları ile savaşımında kullanılan ruhsatlı fungusit ve bakterisitler, etken maddenin bağlı olduğu kimyasal gruplara göre ele alınarak her bir etken maddenin kimyasal ve ekotoksikolojik özellikleri ayrıntılı olarak irdelenmiştir. Ayrıca ülkemizde belirli hastalıklara karşı ruhsat almış olan bu kimyasalların, Avrupa Birliği üyesi ülkelerdeki durumu ve önerildikleri hastalıklar ve dozlarına ilişkin bilgilere yer verilmiştir. Ayrıca kitabın sonunda bu kimyasallarla ruhsat almış olan ticari preparatlar, kullanımı önerilen hastalıklar ve etmenler hakkında özet bilgilere yer verilmiştir. Diğer bir deyişle bu kitap, bize tarımda pestisit kullanımına alternatif yolları ve temel stratejileri teknik bir bakış açısıyla kazandırmaktadır. Sonuç olarak bu çalışma, gelişen dünya nüfusunu besleyebilen sürdürülebilir tarımın insan sağlığına uygun ve çevre dostu üretim temeline yönelik önemli bilgileri, okuyucunun bilgi ve değerlendirmesine sunmaktadır.

Emek yoğunluğu fazla olan bu kitapta, pestisitlerin dinamik ve üretken bir sektör içerisinde yer alması nedeniyle baskı öncesine kadar güncelliğin korunması noktasında gerekli titizliğe önem verilmiştir. Tarım Bilimleri, Tarım Teknolojileri ve Ziraat Fakültelerinde Lisans ve lisansüstü eğitim alan öğrencilere yönelik olarak hazırlanmış olan bu kitabın, ayrıca üniversite, kamu ve özel sektörde halen görev yapan meslektaşlarıma faydalı olmasını diliyorum. Bu yayının, ileride yeniden gözden geçirilmiş baskısının hazırlanması aşamasında daha fazla yararlı olması için görüş ve önerilerinizi e-posta yolu ile iletmeniz, kitap için önemli katkı sağlayacaktır.

Temmuz, 2013

Prof. Dr. Şener KURT

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Bu kitap ve ödülü, genç yaşta aramızdan ayrılan güzel insan
ve değerli ağabeyim Caner KURT'a adıyorum.

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