

BÖLÜM 8

KÜRESEL ISINMA İLE BİRLİKTE BAĞ SULAMA KISITLARININ OLUMSUZ ETKİLERİNİN ÖNLENMESİ

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GİRİŞ

İklim değişikliğine bağlı olarak artan sıcaklığın küresel düzeyde devam etmesi beklenmektedir. Bu durum, hidrolojik ve enerji döngülerinde önemli değişikliklere yol açabilir. Bunun sonucunda, radyasyon seviyeleri yükselebilir ve aşırı hava olaylarının sıklığı ve şiddeti artabilir. Bu olumsuzluklar tarım faaliyetlerini ekonomik ve sosyal ölçekte etkileyebilir.

Bitkilerin büyüme ve gelişmesi için hava koşulları hayati öneme sahiptir. Bu nedenle, tarımsal üretimin miktarı ve kalitesi, hava koşullarının değişmesiyle doğrudan ilişkilidir. Bu durum ekonomik sürdürülebilirliği olumsuz yönde etkileyebilir (1,2,3).

Dünyadaki toplam bağ alanı yaklaşık 6.7 milyon hektar olup, bu alandan elde edilen üretim 73.5 milyon ton civarındadır. Dünyada bağ alanının en fazla olduğu ülkeler İspanya (%13), Çin (%12), Fransa (%11), İtalya (%9) ve Türkiye (%6)' dir (Şekil 1). Bu beş ülke küresel bağ alanının yaklaşık yarısını temsil etmektedir (4).

Üzüm, alan ve miktar bakımından oldukça fazla üretilse de son yıllarda değişen iklim koşullarından hızla etkilenmekte olup, bu etkinin bazı olumsuz sonuçları bağ alanlarında da görülmeye başlanmıştır. 2020 ve 2021 yılı verileri karşılaştırıldığında hem alan hem de miktar açısından ciddi düşüşler gözlenmektedir. Bu durumun önemli ölçüde iklim değişikliğinin olumsuz etkilerinin artmasıyla ilişkili olduğu bildirilmektedir (5).

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SONUÇ

İklim değışiklięi tüm dünyada farklı tür ve çeşitlere kaçınılmaz zararlar vermekte ve ne yazık ki bu zararlar her geçen gün artmaktadır. Bu duruma karşı uygun stratejiler belirlenmeli ve sürdürülebilir baęcılık modelleri geliştirilmelidir. Yüksek sıcaklıklara daha dayanıklı çeşit ve anaçlar geliştirilirken bunların uygun yer ve yönde dikilmesi gerekir. Teknolojiden ve özellikle hassas baęcılıktan mutlaka faydalanılmalıdır. Baęlar farklı plastik malzemelerle kaplanarak iklimin olumsuz etkilerinden korunmalıdır. Su kıtlığına karşı yer altı sulama sistemleri tercih edilmeli, özellikle yüksek sıcaklık ve kuraklığa karşı yetiştirme tekniğinde uygun değışiklikler yapılmalıdır.

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