

# 17. Bölüm

## KARABALIK (*CLARIAS GARIEPINUS*; BURCHELL, 1822) YETİŞTİRİCİLİĞİ

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Karabalık (*Clarias gariepinus*) – (FAO, 2012)

### BİYOLOJİK VE ANATOMİK ÖZELLİKLERİ

Karabalık; küçük gözlerin bulunduğu büyük, kemikli ve basık bir kafaya ve uzun-ince bir vücuda sahiptir. Kafanın arka tarafında dar ve kemiksi bir çıkıntı bulunur. Geniş bir solungaç açıklığına ve havadaki oksijeni kullanabilmesi için solungaç kemerlerinden çıkan labirent organına sahiptir. İlk solungaç kemeri diğer *Clarias* türlerinin aksine 24-110 arasında değişen çok sayıda solungaç dikenine sahiptir. Bu dikenlerin sayısı balık boyu ile doğru orantılı olarak artmaktadır. Cleithrum sivri uçlu, boylamasına sırt ile dardır. Ağız terminal ve büyük olup etrafında, üst ve alt çenede ikişer çift olmak üzere toplam dört çift bıyık vardır. Bıyıkların uzunluğu 12 cm'den uzun balıklarda baş uzunluğunun

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Sub-Sahra Afrika'da karabalık pazarı hızla gelişmeye devam ediyor. Balığa olan talep sürekli artmaktadır ve çoğu büyük üretici ülke, nüfus ihtiyaçlarını karşılamak için önemli miktarda balık ithal etmektedir. Kültüre alınmış olan karabalığın yaklaşık %70'i canlı olarak satılmaktadır (De Graaf ve Janssen, 1996; De Kimpe ve Micha, 1974).

## ANA SORUNLAR

Karabalık, neredeyse yalnızca özel arazide ve çevre yasasına uyan sistemlerde üretilmektedir. Geleneksel taşkın havuzlarında, yerli çiftçiler onlarca yıldır sürdürülebilir uygulamaları benimsememektedirler. Yerel toplulukların kendi içerisinde örgütlenmeleri, balıkçılık kaynaklarını korumak için yöneticiler ve sivil toplum kuruluşları tarafından kolaylaştırılmaktadır (De Kimpe ve Micha, 1974).

Havuzların veya intensif kültür tesisi atık sularının kamusal sulara girmesi durumunda ötrofikasyon sorunu oluşmaktadır (Hogendorn, 1983).

Güney Afrika'daki karabalık pazarının yakın zamanda başarısız olmasıyla birlikte, hızla gelişen işletmelerde rekabetçi kalabilmek için üretim maliyetlerini düşürmek giderek daha önemli hale gelmektedir. Bu durum, daha yoğun resirküle kültür balıkçılığı sistemleri ve gelişmiş yem teknolojisi ile devam etmek yerine havuz ekosistemindeki iyileştirmeler yoluyla gerçekleştirilebilir (Hogendorn, 1983; De Kimpe ve Micha, 1974).

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