Growing Aegean Organic Cotton by Regenerative Practices

Why regenerative agriculture?

Ege *Organics* story traces back to **Kadıoğlu** running GMO-Free organic cotton agriculture in the Aegean region and **Egedeniz Textile** as Turkey's first organic-certified company, committed to sustainable practices in supplying textiles. With a profound grasp of agriculture and sustainability, we embraced regenerative agriculture, recognizing its vital role in ***combating climate change***, ***preserving water resources***, and ***mitigating carbon emissions***. Our vision underscores soil health regeneration as fundamental to life, ensuring farming practices benefit upcoming generations.

Regenerative Practices

No Tilling ● **Mulching** ● **Cover Crops**

Organic Fertilizer ● **Crop Rotation**

● **CO2 Emission Tracking** ●

CO2 flux tool

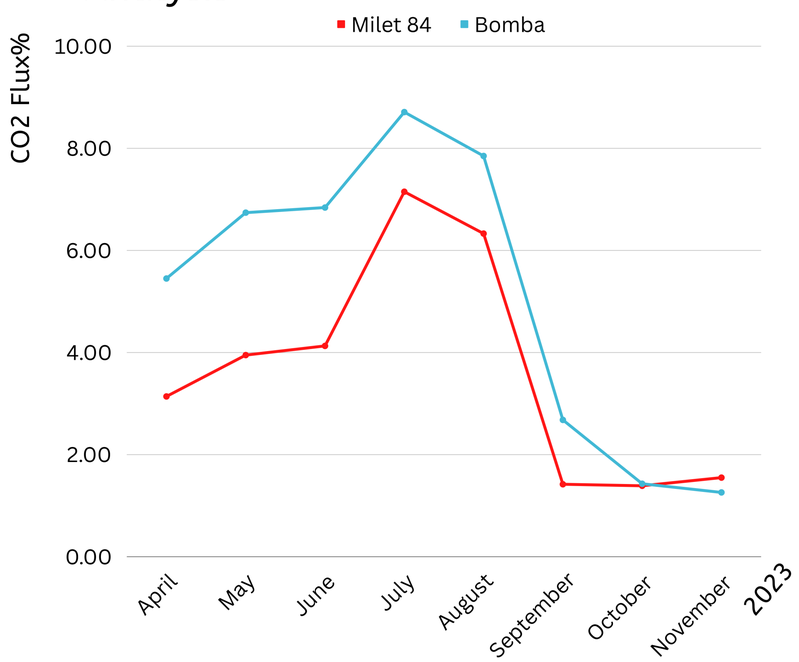
Analyzing carbon dioxide exchange rates monthly in our field.

Recognizing the diverse effects of regenerative practices based on geographical and soil variations, we're dedicated to collecting credible data and establishing a robust framework for organic cotton cultivation via regenerative practices in the Aegean Region.

Our project partners are the Ministry of Agriculture and Forestry of Türkiye and the Ecological Agriculture Association.

How to monitor soil health?

1. Biological Analysis
2. Soil Texture Analysis
3. pH Testing
4. Cation Exchange Capacity (CEC)
5. Water Holding Capacity
6. Aggregate Stability Testing
7. Root Health Assessment
8. Infiltration Rate Testing
9. Nutrient Analysis
10. Soil and Plant Leaves Carbon Absorption Analysis



**Variance in carbon dioxide (CO2) emissions over the one growing season for Milet 84 and Bomba cotton seeds.

Ege Organics
Bremen, Germany
info@egeorganics.de