

### SUSTAINABILITY NEWSLETTER DECEMBER 2023



#### **Balsu Attended Meetings** In Collaboration With UNICEF

In the Context of Increased Vulnerability of Seasonal Migrant **Agricultural Workers' Households in Disasters and Emergencies:** "Ankara" Meeting:

Balsu attended the launch meeting of the guidebook, prepared in collaboration with the Development Workshop Cooperative and UNICEF Turkey Office, which aims to prepare seasonal migrant agricultural workers for disasters and crises. The primary objective was to draw attention to the challenges faced by workers during disasters and crises and to take necessary steps in line with the disaster management cycle to minimize potential impacts.

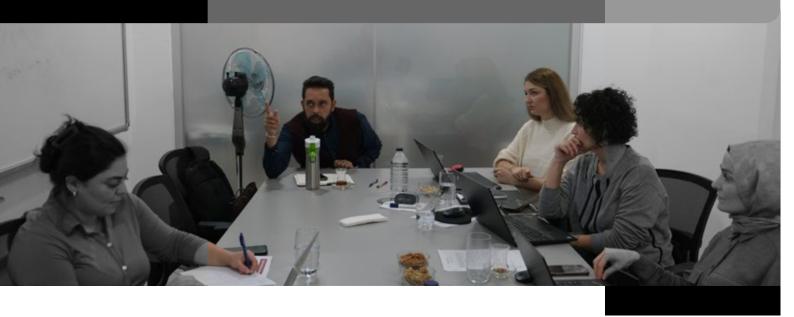
#### National Occupational Standard of Agricultural Intermediary 'Adana' Meeting:

The "Agricultural Intermediary National Occupational Standard" launch meeting was well attended in order to determine the roles and responsibilities of agricultural intermediaries and to take an active role in the prevention of child labor. The meeting brought together representatives of the Vocational Qualifications Authority of the Ministry of Labor and Social Security, UNICEF Turkey, Heads of Agricultural Labor Associations, Agency of Employment (ISKUR) Directorates, NGOs and private sector organizations.





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#### **Young Lives Foundation Child Protection Case Management**

As a result of the meeting between the Balsu and Young Lives Foundation teams, the case management procedure, which was developed in parallel with UNESCO's efforts in the fields of education and child rights and supports an effective strategy in the eradicating of child labor, aims to take urgent and effective measures by focusing on goal 8.7 of the United Nations Sustainable **Development Goals 2030.** 

The procedure prioritizes the situations that most affect child labor under the following headings:

- Forced labor and child labor
- Child abuses
- Failure to meet basic needs/Extreme poverty (financial insufficiency)

Each situation has been evaluated and prioritized separately under these sensitivities. In addition, the case management procedure will be implemented in accordance with the Young Lives Foundation Service Map, which will contribute to the implementation of an effective strategy in the eradicating of child labor. In this context, an effective child labor prevention strategy will be determined by evaluating the case management processes.





## Using Data for Sustainable Hazelnut Farming in Changing Climate Conditions

Hazelnut development processes vary by region depending on climate conditions. Regularly tracking these differences provides valuable information about the yield and quality of the upcoming harvest season.

As Balsu, we are currently conducting field visits to collect data on the structure and density of hazelnut bushes in close cooperation with our farmers. Along with these observations that will continue until the hazelnut harvest, we are closely monitoring stages such as the flowering period, pollination stage, time of bud opening, fruit formation, and time of ripening of the hazelnut plant.

Real-time tracking of phenological stages allows us to assess the effects of temperature and rainfall on hazelnut development. This approach helps us to guide farmers in developing effective strategies to cope with climate change by identifying the factors that affect hazelnut production.

As Balsu, our aim is to support our farmers in taking the right steps at the right time thanks to the data obtained from the field and to provide the necessary information and resources for a sustainable hazelnut production.





# Innovative Hazelnut Cultivation Research with Sakarya Applied Sciences University: Investigating Optimal Pollination for Improved Yield and Quality

Sakarya University of Applied Sciences is collaborating with Balsu to research the contribution of effective pollination to increasing hazelnut yield and quality. As part of this, research and experimental studies are being carried out at the Balsu model farm.

To increase yield and quality, researchers from Sakarya University planted different pollinators on the çakıldak rootstock in 40 plots in the hazelnut farm. These pollinators were used to fertilize the hazelnut tree's flowers and increase fruit yield.

In the later stages of the study, controlled hybridization studies will be carried out with pollinator varieties, taking into account the flower development processes.





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#### **Good Agricultural Practices Certificates Awarded to Holders in Zonguldak**

Good Agricultural Practices certificates were awarded to farmers in Başören village in the Black Sea Ereğli district of Zonguldak, as part of the 'Agriculture for Our Future, Good Agriculture for the Future of Hazelnuts Project' being implemented in the district.

Zonguldak Provincial Director of Agriculture and Forestry, Nihat Ağan, presented Balsu with a special plaque to thank them for their contributions.

The promotion of good agricultural practices increases productivity in the sector and contributes to the protection of natural resources and the strengthening of sustainable agriculture.

