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## **REPORT**

### **Field (farm based) training for teaching staff**



**Hilfswerk International**

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Content

Contract realization .....2

    1.Introduction .....2

    2. Phase 1. Conduct of Webinars .....3

    3. Phase 2. Conduct of series of trainings.....4

Applications .....6

## Contract realization

### 1.Introduction

A series of practical trainings on the topic “Food safety of agricultural products based on the GLOBALG.A.P standard” were held in two Universities in Uzbekistan and two Universities in Kyrgyzstan in the framework of the AgroDev project (**Development of Higher Education Content Aimed to Support Industries for Sustainable Production of Qualitative Agri-food**) within the Erasmus + Program of the European Union for faculty of the Tashkent State Agrarian University (Uzbekistan), Samarkand branch of the Tashkent State Agrarian University (Uzbekistan), Naryn State University (Kyrgyzstan) and Kyrgyz National Agrarian University (Kyrgyzstan).

According to the Integrated Farm Assurer (IFA) framework version 5.2, the following modules were covered:

1. Joint webinar for KNAU and NSU - 3 days;
2. Joint webinar for SBTSEU and TSAU - 3 days;
3. Training on GLOBALG.A.P in crop production for SBTSEU - 3 days;
4. Training on GLOBALG.A.P in crop production for TSAU - 3 days;
5. Training on GLOBALG.A.P in crop production for NSU - 3 days;
6. Training on GLOBALG.A.P in crop production for KNAU - 3 days;
7. Training on GLOBALG.A.P in livestock sector for NSU; - 3 days
8. Training on GLOBALG.A.P in livestock sector for KNAU - 3 days;

According to the approved training concept and agenda, the following program for a series of trainings was developed:



Программа для  
ВУЗов РУ.doc



Программа для  
ВУЗов КР.doc

To prepare the participants for the trainings, 3-day webinars and extended 3-day trainings were held at universities. The total number of participants in webinars was 108 individuals, including 47 women. Altogether 68 individuals participate the trainings of which 29 were women. In terms of universities, the following results have been achieved:

№	ВУЗ	Тема	Дата	Место	Уч-ки	Ж	М
1	TSAU & SBTSU	Webinar: Field (farm based) training for TSAU & SBTSU teaching staff on GLOBALG.A.P. / general provisions	04.05.2022	онлайн	45	11	34
2			05.05.2022				
3			06.05.2022				
4	KNAU & NSU	Webinar: Field (farm based) training for KNAU & NSU teaching staff on GLOBALG.A.P. / general provisions	11.05.2022	онлайн	63	36	27
5			12.05.2022				
6			13.05.2022				
7	TSAU	Seminar: Field (farm based) training for TSAU teaching staff on GLOBALG.A.P. / planting sector	04.08.2022	Ташкент, Узбекистан	20	1	19
8			05.08.2022				
9			06.08.2022				
10	NSU	Seminar: Field (farm based) training for NSU teaching staff on GLOBALG.A.P. / planting sector	15.08.2022	Нарын, Кыргызстан	16	8	8
11			16.08.2022				
12			17.08.2022				
13	NSU		18.08.2022	Нарын, Кыргызстан	16	8	8
14			19.08.2022				

15		Seminar: Field (farm based) training for NSU teaching staff on GLOBALG.A.P. / livestock sector	20.08.2022				
16	KNAU	Seminar: Field (farm based) training for KNAU teaching staff on GLOBALG.A.P. / planting sector	22.08.2022	Бишкек, Кыргызстан	10	10	0
17			23.08.2022				
18			24.08.2022				
19	KNAU	Seminar: Field (farm based) training for KNAU teaching staff on GLOBALG.A.P. / livestock sector	25.08.2022	Бишкек, Кыргызстан	10	10	0
20			26.08.2022				
21			27.08.2022				
22	SBTSAU	Seminar: Field (farm based) training for TSAU teaching staff on GLOBALG.A.P. / planting sector	07.09.2022	Самарканд, Узбекистан	22	10	12
23			08.09.2022				
24			09.09.2022				

## 2. Phase 1. Conducting webinars

To adapt participants to the GLOBALG.A.P. 3-day webinars were held, which covered the following topics:

### GENERAL PROVISIONS PART 1

#### 1. STEPS OF OBTAINING AND CONFIRMING THE CERTIFICATE OF GLOBALG.A.P.

STEP 1: REGULATORY DOCUMENTS

STEP 2: CERTIFICATION OPTIONS AND SCOPE

STEP 3: REGISTRATION PROCESS

STEP 4: ASSESSMENT PROCESS

STEP 5: CERTIFICATION PROCESS

STEP 6: CONFIRMATION OF GLOBALG.A.P. CERTIFICATE

### BASIC MODULE

#### INTRODUCTION

AF.1 SITE HISTORY AND SITE MANAGEMENT

AF.2 RECORD KEEPING AND INTERNAL SELF-ASSESSMENT/INTERNAL INSPECTION

AF. 3 HYGIENE

AF.4 WORKERS HEALTH, SAFETY AND WELFARE

AF.5 SUBCONTRACTORS

AF.6 WASTE AND POLLUTION MANAGEMENT, RECYCLING AND RE-USE AF.

AF.7 ENVIRONMENT AND CONSERVATION

AF.8 COMPLAINTS AND COMMENTS

AF.9 RECALL/WITHDRAWAL PROCEDURE

AF.10 FOOD DEFENSE (not applicable for Flowers and Ornamentals)

AF.11 STATUS GLOBALG.A.P

AF.12 LOGO USE

AF.13 TRACEABILITY AND SEGREGATION obligatory when producer is registered for Parallel Production/Parallel Ownership

AF 14 FOOD SAFETY STRATEGY STATEMENT (N/A FOR Flowers and Ornamentals)

AF. 15 FOOD SAFETY POLICY DECLARATION (N/A FOR FLOWERS AND ORNAMENTS)

AF. 16 FOOD FRAUD MITIGATION (N/A FOR FLOWERS AND ORNAMENTS)

### **3. Phase 2. Conducting series of trainings**

After a series of webinars were conducted, the dates of trainings were agreed, and a series of practical trainings were held, where the participants studied all the control points of the GLOBALG.A.P. on crop production and livestock.

The training was organized by studying the requirements of the standard, considering the requirements of national legislation, as well as the actual provisions for the implementation of the relevant... Also, all participants studied the control points in turn and provided options for implementing the requirements at the local level.

The main principle in studying the requirements of the standard was the separate study of all the control points. Options for documentation, procedures, instructions and forms were also considered. Also during the training, a "Field Journal" was provided to all participants. The main sections of the studied modules are as follow:

- 1) Control points and compliance criteria «Crop base»;
- 2) Control points and compliance criteria «Fruit and vegetable»;
- 3) Control points and compliance criteria «Livestock» (for KNAU & NSU);
- 4) Control points and compliance criteria «Cattle and sheep» (for KNAU & NSU);
- 5) Control points and compliance criteria «Calf and Young beef» (for KNAU & NSU);
- 6) Control points and compliance criteria «Diary» (for KNAU & NSU).

#### **Basic module: Crop base**

1. CB.1 TRACEABILITY
2. CB.2 PLANTING/SEED MATERIAL
3. CB.3 SOIL CARE AND SUSTAINABILITY
4. USE
5. CB.4 FERTILIZER APPLICATION
6. CB.5 USE OF WATER RESOURCES
7. CB.6 INTEGRATED PEST PROTECTION
8. CB.7 PLANT PROTECTION
9. CB.8 FACILITIES AND EQUIPMENT

#### **Fruits and Vegetables**

- FV.1 SITE MANAGEMENT
- FV.2 GOOD SOIL MANAGEMENT
- FV.3 SUBSTRATES
- FV.4 PRE-HARVEST PERIOD
- FV.5 MEASURES TAKEN BEFORE HARVESTING AND AFTER PRODUCE HANDLING

**Livestock base**

1. LB 1. Site
2. LB 2. Workers' health, safety and welfare
3. LB 3. Livestock sourcing, identification, traceability
4. LB 4. Livestock Feed and Water
5. LB 5. Livestock housing and Facilities
6. LB 6. Livestock Health
7. LB 7. Medicines
8. LB 8. Fallen stock disposal
9. LB 9. Livestock dispatch / traceability

**Cattle and sheep**

1. CS 1 Identification and traceability
2. CS 2 Breeding and young stock
3. CS 3 Feed, forage
4. CS 4 Housing facilities
5. CS 5 Hygiene
6. CS 6 Animal handling

**Calf and young beef**

1. CYB. 1. GENERAL PROVISIONS
2. CYB. 2 IDENTIFICATION AND Traceability
3. CYB. 3 FEED AND WATER
4. CYB. 4 HOUSING AND FACILITIES
5. CYB. 5 HEALTH OF CALVES
6. CYB. 6 LOADING TO DISPATCH FOR SLAUGHTER
7. CYB. 7 CAUSALITY CALVES AND FALLEN STOCK
8. CYB. 8 FINDINGS
9. CYB. 9 OUTDOOR CALVES

**Dairy production**

1. DY 1 Legal Registration
2. DY 2 Feed
3. DY 3 Housing and facilities

4. DY 4 Dairy Cattle Health
5. DY 5 Milking
6. DY 6 Milking equipment
7. DY 7 Hygiene
8. DY 8 Cleaning agents and other chemicalsDY 7 Гигиена

## Field Journal



Полевой журнал  
1.22 (last edition).pc

To consolidate the material covered, the universities organized field trips to farms, where the participants conducted a short internal audit. Also, after completing the course, all participants successfully passed a written exam in order to receive certificates with points.

Additionally, as part of further cooperation a decision was made together with KNAU to develop a mobile application for small livestock farmers to keep records until the end of 2022.

As a result of the training, the participants not only studied the requirements of the standard, but also considered and in some aspects, developed approaches to implement the standard in existing production conditions at the country level.

According to the task set earlier, based on a series of trainings all participants can:

- 1) Conduct separate trainings for farmers
- 2) Implement basic agricultural practices and the GLOBALGAP standard on farms.

For this, all participants were provided with relevant materials. Also, all participants were provided with unlimited access to remote consultations from "Markazi Idorakuniya Sifat" <http://qmc.tj/> , both for conducting trainings and for piloting the implementation of the standard on selected farms.

## Applications

University	LOP	Photo
Tashkent State Agrarian University	<a href="#">here</a>	<a href="#">here</a>
Samarkand branch of Tashkent State University of Economics	<a href="#">here</a>	<a href="#">here</a>
Naryn State University	<a href="#">here</a>	<a href="#">here</a>
Kyrgyz National Agrarian University	<a href="#">here</a>	<a href="#">here</a>