

## **ANNEX 6**

### **AMFLORA FARM QUESTIONNAIRE**

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Field Plot Index / Monitoring - General Surveillance of Amflora Potatoes

1	9	-	S	T	-	A	M	-	2	0	1	1	-			-			-			
Event		Crop		Variety		Year				Country		Farmer		Area								

**Personal details**

Confidential documents

**Farm:** .....

**Farmer / contact person**

Surname: ..... First name: .....

Address: .....

Postal code: ..... Town/City: .....

Phone: .....

E-mail: .....

The personal data of the farmer will be handled in accordance with applicable data protection legislation. The personal data of the farmer may be used for the purpose of interviews necessary for the survey if the farmer has authorized this use as per the data protection legislation.

The questionnaire will be encoded to protect the farmer’s identity in the survey and confidentiality agreements will be put in place between the different parties (i.e. authorization holder, interviewers, analysts) to further enforce this. The identity of the farmer will only be revealed in case an adverse effect linked to the trait has been identified and needs to be investigated.

Furthermore, the agreements between the different parties will also ensure that any information collected in the questionnaire will not be improperly shared or used.

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Event		Crop			Variety			Year			Country			Farmer			Area		

**Form no. 3: Land Parcel Index / Monitoring**

**1 Farm**

Country and county: .....

Size of farm (ha): .....

Total area of all potatoes cultivated on farm this season (ha): .....

Total area of Amflora potatoes cultivated on farm this season (ha): ....

Size of the Amflora field covered by this Index (ha): .....

Name the conventional varieties you have cultivated this season:

1. ....
2. ....
3. ....
4. ....

How many and which starch potato varieties (not including Amflora) did you plant this season? .....

Starch potato variety used as comparator variety for Amflora potato (if available):  
.....

In case no other starch potato variety has been cultivated, what was selected for comparison (to be referred to in all answers of this index):

- Amflora variety description
- General experience in potato cultivation

**2 Location**

Local subdistrict: ..... Cadastral district: .....

Cadastral units (extract from land registry map): .....

**2.1 Soil**

Soil quality rating: ..... Humus content (%): .....

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Event		Crop			Variety			Year			Country			Farmer			Area		

Mark the predominant soil type in the area under surveillance:

- |                                  |                                       |   |
|----------------------------------|---------------------------------------|---|
| <input type="radio"/> Clay       | <input type="radio"/> Sandy loam      | <input type="radio"/> Slightly loamy sand |
| <input type="radio"/> Heavy loam | <input type="radio"/> Very loamy sand | <input type="radio"/> Sand                |
| <input type="radio"/> Loam       | <input type="radio"/> Loamy sand      | <input type="radio"/> Not known           |

Results of soil test in (year): .....

pH: ..... mg P<sub>2</sub>O<sub>5</sub>: ..... mg K<sub>2</sub>O: ..... mg MgO: ..... mg Mn: .....

N<sub>-min</sub>: Date (DD/MM): ..... kg NO<sub>3</sub>-N/ha: .....

Test for nematodes:  No  Yes (  positive  negative )

Characterize soil fertility of the area under surveillance:

<input type="radio"/> Below average – poor
<input type="radio"/> Average – normal
<input type="radio"/> Above average – good

Are the data given for the Amflora potato cultivation area the same as for the comparator variety?

Yes  No  No comparator variety

If no: In your opinion, are the differences:

considerable  moderate  minor / negligible

Please specify the differences: .....

.....

**2.2 Weather**

Average annual rainfall (mm): ..... for the years: ..... until.....

Average annual temperature (°C): ..... for the years: .....until.....

Characterize the rainfall: (during this growing season)

<input type="radio"/> Below average – dry
<input type="radio"/> Average – normal
<input type="radio"/> Above average – damp

Characterize the temperature: (during this growing season)

<input type="radio"/> Below average – cold
<input type="radio"/> Average – normal
<input type="radio"/> Above average – warm



Field Plot Index / Monitoring - General Surveillance of Amflora Potatoes

1	9	-	S	T	-	A	M	-	2	0	1	1	-			-				
Event		Crop		Variety			Year			Country			Farmer			Area				

Emergence (start , DD/MM): .....until.....

- Test for foreign varieties:
1. Date (DD/MM): .....
  2. Date (DD/MM): .....
  3. Date (DD/MM): .....
  4. Date (DD/MM): .....

Irrigation?  No  Yes, how often and total quantity:  
 .....

Characterize sprouting in comparison to reference specified in chapter 1:  As usual  
 Better  
 Poorer

If not 'As usual', please specify:  
 .....

Characterize time to emergence in comparison to reference specified in chapter 1:  As usual  
 Accelerated  
 Delayed

If not 'As usual', please specify:  
 .....

Characterize plant growth in comparison to reference specified in chapter 1:  As usual  
 Accelerated  
 Delayed

If not 'As usual', please specify:  
 .....

Characterize agronomic characteristics in comparison to reference specified in chapter 1:  As usual

If not 'As usual', please specify:  
 .....

Field Plot Index / Monitoring - General Surveillance of Amflora Potatoes

1	9	-	S	T	-	A	M	-	2	0	1	1	-			-				
Event		Crop		Variety		Year		Country		Farmer		Area								

**3.4 Fertilization**

**3.4.1 Organic fertilizers [kg/ha]**

Date	Name	Quantity	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	MgO

**3.4.2 Mineral fertilizers [kg/ha]**

Date	Name	Quantity	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	MgO

**3.5 Chemical weed control**

General evaluation of weed pressure on Amflora potatoes in the growing year in relation to comparator variety (if available):

- As usual     More weeds     Fewer weeds

Please list the weeds noted and the herbicides used with details of date and quantity.

Weed	Herbicide	Date	Quantity [kg/ha, l/ha]

# Field Plot Index / Monitoring - General Surveillance of Amflora Potatoes

1	9	-	S	T	-	A	M	-	2	0	1	1	-		-		-		
Event		Crop		Variety		Year				Country		Farmer		Area					


Characterize the success of weed control on Amflora potatoes in relation to comparator variety (if available):

As usual  
 Better  
 Poorer

If not 'As usual', please specify:

.....

### 3.6 Occurrence of Pests / Treatment

General evaluation of pest occurrence in Amflora potatoes in relation to comparator variety (if available):

As usual       More pests       Fewer pests

Susceptibility of Amflora potatoes to pests in relation to comparator variety (if available):

As usual       More susceptible       Less susceptible

Please list the pests noted (e.g. potato beetle, aphids...) and the insecticides used with details of date and quantity.

Pest	Insecticide	Date	Quantity [kg/ha, l/ha]



# Field Plot Index / Monitoring - General Surveillance of Amflora Potatoes

1	9	-	S	T	-	A	M	-	2	0	1	1	-		-		-		
Event		Crop			Variety			Year			Country			Farmer			Area		


Characterize the success of pest control on Amflora potatoes in relation to comparator variety (if available):

As usual  
 Better  
 Poorer

If not 'As usual', please specify:

.....

### 3.7 Occurrence of Disease / Treatment

General evaluation of disease occurrence in Amflora potatoes in relation to comparator variety (if available):

As usual       More diseases       Fewer diseases

Susceptibility of Amflora potatoes to disease in relation to comparator variety (if available):

As usual       More susceptible       Less susceptible

Field Plot Index / Monitoring - General Surveillance of Amflora Potatoes

1	9	-	S	T	-	A	M	-	2	0	1	1	-		-		-	
Event		Crop		Variety			Year			Country		Farmer		Area				

**3.7.1 Late blight**

General evaluation of pressure caused by late blight in Amflora potatoes in relation to comparator variety (if available):

- As usual
  More
  Less

List the fungicides used with details of date and quantity.

Fungicide	Date	Quantity [kg/ha, l/ha]

Characterize the success of control measures for late blight in Amflora potatoes in relation to comparator variety (if available):

- As usual  
 Better  
 Poorer

If not 'As usual', please specify:  
 .....

## Field Plot Index / Monitoring - General Surveillance of Amflora Potatoes

1	9	-	S	T	-	A	M	-	2	0	1	1	-		-	-			
Event		Crop		Variety			Year			Country		Farmer		Area					

### 3.7.2 Other diseases

Please list any other diseases that occurred in Amflora potatoes and list the measures taken and the relevant dates.

Disease	Measure	Date
Rhizoctonia solani (black scurf)		
Alternaria solani (early blight)		
Streptomyces scabies (common scab)		
Blackleg, stem canker		
Potato virus Y (PVY)		
Potato leaf roll virus (PLRV)		

Characterize the success of control measures in Amflora potatoes in relation to comparator variety (if available):

- As usual  
 Better  
 Poorer

If not 'As usual', please specify:

Field Plot Index / Monitoring - General Surveillance of Amflora Potatoes

1	9	-	S	T	-	A	M	-	2	0	1	1	-						
Event		Crop		Variety		Year		Country		Farmer		Area							

**3.8 Use of herbicides for haulm killing**

Haulm killing for Amflora potatoes by:

- chemical measures only, use of herbicides
- mechanically only
- both methods
- no haulm killing

If herbicides were used, please give the full commercial name of the herbicides.

- 1. ....
- 2. ....
- 3. ....

**3.9 Harvest**

Date of harvest (start/end, DD/MM): .....until.....

Yield/ha: .....

- Characterize the maturity in comparison to the reference specified in chapter 1:
- As usual
  - Accelerated
  - Delayed

If not 'As usual', please specify:

- Characterize the date of harvest in comparison to the reference specified in chapter 1:
- As usual
  - Accelerated
  - Delayed

If not 'As usual', please specify:

- Characterize the yield in comparison to the reference specified in chapter 1:
- As usual
  - More
  - Less

If not 'As usual', please specify:

Field Plot Index / Monitoring - General Surveillance of Amflora Potatoes

1	9	-	S	T	-	A	M	-	2	0	1	1	-		-		-		
Event		Crop			Variety			Year			Country			Farmer			Area		

**4 Presence of wild animals**

General impression regarding presence of wild animals (mammals, birds, insects) in the Amflora potato cultivation area in relation to the comparator variety (if available).

- As usual     More     Less     Don't know

If not 'As usual', please specify your observations:

.....

.....

**5 Additional comments**

.....

.....

.....

**Send completed form to Amflora IP system administrator no more than two weeks after harvest:**

*[personal details deleted]*  
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 67117 Limburgerhof  
 Germany  
 Fax:  
 E-mail:

**Information should be filled in promptly!**