

## **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	0	-		-		-		
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: .....

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Field Plot Index / Monitoring - General Surveillance of Amflora Potatoes

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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): .....

Name the conventional varieties you have cultivated this season:

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

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

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

**2 Location**

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

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

**2.1 Soil**

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

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>: ..... K<sub>2</sub>O: ..... MgO: ..... Mn: .....

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

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Event		Crop			Variety			Year			Country			Farmer			Area		

Test for nematodes:  No  Yes ( positive  negative)

Characterize soil fertility of the area under surveillance:  Below average – poor  
 Average – normal  
 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 period: .....

Average annual temperature (°C): ..... for the period: .....

Characterize the rainfall: (during growing season)  Below average – dry  
 Average – normal  
 Above average – damp

Characterize the temperature: (during growing season)  Below average – cold  
 Average – normal  
 Above average – warm

**3 Cultivation measures**

**3.1 Cultivation, beginning after harvest of preceding crop**

Preceding crop 2 years ago: .....

Preceding crop last year: .....

Tillage:  No  Yes (time:  Fall  Spring)

Tillage method:  Turning  
 Non-turning  
 Separating

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

Inter crop: .....

Other tillage prior to planting:

.....

**3.2 Data relating to seed potatoes**

Category: .....

Sprouting: ..... Calibration (mm): .....

Quantity of seed potatoes (t)/ha: .....

Treatment / coating:

.....

Comments: .....

**3.3 Planting / Cultivation / Development**

Planting date (DD/MM): .....

Soil temperature during planting (°C): .....

Planting method:             Standard planting (with plowed furrows)  
                                      Mulch planting  
                                      Bed system

Row distance (cm): ..... Plant distance (cm): .....

Forming ridges (DD/MM): ..... Emergence (DD/MM): .....

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

Irrigation? Yes / No

.....

Characterize sprouting in comparison to the Amflora variety description and similar varieties:     As usual  
    Better  
    Poorer

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

If not 'As usual', please specify:

.....

Characterize time to emergence in comparison to the Amflora variety description and similar varieties:

As usual

Accelerated

Delayed

If not 'As usual', please specify:

.....

Characterize plant growth in comparison to the Amflora variety description and similar varieties:

As usual

Accelerated

Delayed

If not 'As usual', please specify:

.....

Characterize phenotype in comparison to the Amflora variety description:

As usual

If not 'As usual', please specify:

.....

**3.4 Fertilization**

**3.4.1 Organic fertilizers**

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

**3.4.2 Mineral fertilizers**

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

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Event		Crop		Variety		Year		Country		Farmer		Area							


**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

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:

.....

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

**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 and the insecticides used with details of date and quantity.

Pest	Insecticide	Date	Quantity
Potato beetle			
Aphids			

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:

.....



Field Plot Index / Monitoring - General Surveillance of Amflora Potatoes

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

**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

**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

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

- As usual  
 Better  
 Poorer

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

If not 'As usual', please specify:

.....

**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

Field Plot Index / Monitoring - General Surveillance of Amflora Potatoes

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

If not 'As usual', please specify:

.....

**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 (DD/MM): .....

Yield/ha: .....

- Characterize the maturity in comparison to the Amflora variety description and similar varieties:
- As usual
  - Accelerated
  - Delayed

If not 'As usual', please specify:

.....

- Characterize the date of harvest in comparison to the Amflora variety description and similar varieties:
- As usual
  - Accelerated
  - Delayed

If not 'As usual', please specify:

.....

- Characterize the yield in comparison to the Amflora variety description and similar varieties:
- As usual
  - More
  - Less

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

If not 'As usual', please specify:

.....

**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.

- 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:**

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**Information should be filled in promptly!**