

ANNEX 3

INTEGRITY OF THE AMFLORA IDENTITY PRESERVATION SYSTEM

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General

The following provides an outline of all elements of the Amflora Identity Preservation (IP) system that are relevant in addressing the Amflora Post-Market Monitoring Plan as well as the monitoring conditions of the consent for Amflora cultivation issued by the Swedish Board of Agriculture. General surveillance as described in the Amflora monitoring plan includes the integrity of the IP system, as well as the general observations of all growers throughout the growing season. The IP system manual, version 21 May 2003, was used in the 2012 season and is provided as Annex 1 to the 2012 monitoring report. All IP system documents were distributed to contractors and users of Amflora. All records relating to the IP system are kept by BASF Plant Science.

Transport

In order to cover all steps of transportation and shipment of Amflora tubers the IP system manual requires the use of Form 1 (Checklist for the packaging and transport of seed potatoes) and Form 2 (Checklist for the receipt and storage of seed potatoes at the farm) as checklists for all sealed seed potato transports to the farms, and Form A (Record of shipment of potatoes) and Form B (Record of receipt of shipment of potatoes) to document potato shipments accompanied by sample lists (for forms see Annex 1). This measure enabled to establish a complete list of all potato tuber containers moved. In addition, the forms were also used for other transports of Amflora potatoes. The checklists ensure and document that relevant IP system rules have been followed. The described process is in compliance with the condition of the consent to separate Amflora tubers during transport, storage and handling from potato tubers intended for food or feed use (Conditions 8(a) and (b) of the Consent or Articles 3(h)(i) and (ii) of Commission Decision 2010/135/EU).

Planting

In 2012, no planting of Amflora potatoes took place.

Monitoring

As part of the Amflora quality management and as implemented by the IP system growers are required to keep records of relevant farm data and the agricultural practice that is applied to cultivating Amflora potatoes.

Observations relating to the volunteer management as described in the IP system have been performed in the 2012 growing season at least three times during the vegetation period by the grower who cultivated Amflora in 2011 (Table 2). In addition, BASF Plant

Science personnel has conducted several controls to ensure that the volunteer monitoring has been done appropriately.

In addition to the requirements laid down in the IP system BASF asked the growers who cultivated Amflora potato in 2010 to continue monitoring for volunteers at fields where volunteer potatoes were observed during the 2011 growing period (Table 1).

Table 1. Dates for volunteer monitoring in 2012 at fields cultivated 2010 with Amflora potato on which volunteers were detected in cultivation period 2011. Monitoring was conducted by the grower in 2012.

Field	Dates 2012 [dd.mm.]	Potato volunteer plants found [yes/no]
SE		
10Amflora-LBS1	08.06., 01.07., 16.08., 28.08., 04.09., 11.10.	yes
10Amflora-LBS2	08.06., 01.07., 16.08., 28.08., 04.09., 11.10.	yes
10Amflora-LBS3	06.07., 02.08., 16.08., 21.08., 04.09., 18.09., 10.10.	yes
10Amflora-EH2	15.07., 16.08., 17.08., 19.08., 17.09., 18.09.	yes
10Amflora-ML2	20.06., 29.06., 18.07., 07.09.	no
10Amflora-ML5	20.06., 29.06., 18.07., 08.09.	yes
10Amflora-ML7	20.06., 29.06., 18.07., 07.09.	yes
DE		
10Amflora-N1&N2	24.04., 15.05., 24.05., 13.06., 19.07., 23.08., 26.09., 25.10.	no
CZ		
CZ01-5502	30.05., 15.06., 18.07., 16.08., 27.08., 11.09.	no

Table 2. Dates for volunteer monitoring in 2012 at all fields cultivated 2011 with Amflora potato. Monitoring was conducted by the grower in 2012.

Field	Dates 2012 [dd.mm.]	Potato volunteer plants found [yes/no]
SE		
11STAMSE5VOJ001	20.06., 29.06., 18.07., 07.09.	no
11STAMSE5VIN001	08.06., 01.07., 25.07., 27.08.	no
11STAMSE5SKA001	07.06., 13.07., 27.07., 16.08., 20.08.	no
11STAMSE5UNB001	18.07., 17.08., 28.08., 08.09.	no
DE		
19-ST-AM-2011-DE-01-01	23.04., 21.05., 12.06., 06.07., 14.08., 19.09.	no

Harvest

In 2012, no harvest of Amflora potatoes took place.

Grading (Sorting)

In 2012, no grading or sorting of Amflora potatoes took place.

Processing

In 2012, no processing of Amflora potatoes took place.

Labelling

An important element of a quality management tool such as the Amflora IP system manual is to ensure traceability and labelling. A document was developed to capture all labelling rules as applicable to seed potatoes, starch potatoes, starch, and pulp, and was added to the IP system as Document A. It is attached to this IP system report (see Document 1). This document thereby also addresses Articles 2, 5 and 6 of the Consent or Articles 3(b), 3(e) and 3(f) of Commission Decision 2010/135/EU.

Storage

In order to comply with the condition of the consent to physically separate Amflora tubers in storage from potato tubers intended for food or feed use (Articles 8(a) and (b) of the Consent or Articles 3(h)(i) and (ii) of Commission Decision 2010/135/EU) the Amflora IP system manual was complemented with Form 109 on storage. This Storage Index form is attached to this IP system report (see Document 2), and was used in the storage period 2011/2012.

Visits and Audits

In 2012, the fields on which amylopectin potato EH92-527-1 was cultivated in 2011 and the fields from 2010 cultivation season on which in 2011 potato volunteer plants emerged were controlled. The controls included volunteer monitoring and checking the crop being cultivated after EH92-527-1 potato cultivation to ensure compliance to the crop rotation requirements. The dates for these controls are given Table 1 and 2 in chapter "monitoring".

Document 1. Document A Labelling

**Document A:
Labelling**

Amflora potatoes and the products produced from them require at least the following labelling on the packaging and the relevant accompanying documents. The labelling specification results from the provisions contained in the decisions of the Commission 2010/135/EU and 2010/136/EU.

Product	Labelling
Seed potatoes	<i>This product contains genetically modified amylopectin starch potatoes. Unique identifier BPS-25271-9. Not for human consumption. Not for animal consumption.</i>
Starch potatoes	<i>This product contains genetically modified amylopectin starch potatoes. Unique identifier BPS-25271-9. Not for human consumption. Not for animal consumption.</i>
Potato tubers for disposal	<i>This product contains genetically modified amylopectin starch potatoes. Unique identifier BPS-25271-9. Not for human consumption. Not for animal consumption.</i>
Starch	<i>Produced from amylopectin starch potatoes. For industrial use only. Not for human consumption.</i>
Pulp for disposal	<i>Produced from amylopectin starch potatoes. By-product for disposal.</i>
Pulp for animal feed	<i>Produced from genetically modified amylopectin starch potatoes. Unique identifier BPS-25271-9. Not for human consumption.</i>

Additional labelling specifications may apply as a result of national seed potato legislation and other applicable legislation.

Document 2. Form 111 Observations on Volunteer Plants

**Form 111:
Observations on Volunteer Plants**

Must be used!

Operation name, address: _____

Amflora cultivated in year: _____

Field identification (GPS data): _____

Field name: _____

Field size (ha): _____

Current crop: _____

Planting date: _____ Harvest date: _____

Date observations made	Volunteer plants observed (Y/N)	Volunteer plants destroyed	Means of destruction of volunteer plants	Signature of responsible person

For starch potatoes, see also document: Record of Monitoring for Volunteer Plants

Document 3. Form 109 Storage Index

**Form 109:
Storage Index**

Must be used!

Warehouse designation: _____

Seed stock <input type="checkbox"/>	Only complete for seed stock
Starch potatoes <input type="checkbox"/>	
Starch <input type="checkbox"/>	
<input type="checkbox"/>	
Serial number / batch number:	Land parcel:
Labelling:	
Tonnage / no. of containers:	Area in ha:
Put into storage on:	Put into storage by: surname, first name; signature
Taken from storage on: Transferred to: place	Taken from storage by: surname, first name; signature