

**FORMAT FOR THE PRESENTATION OF THE RESULT OF  
DELIBERATE RELEASE INTO THE ENVIRONMENT OF  
GENETICALLY MODIFIED HIGHER PLANTS IN ACCORDANCE  
WITH ARTICLE 10 OF DIRECTIVE 2001/18/EC**

**1. GENERAL INFORMATION**

*1.1 European notification number*

B/ES/06/39

*1.2 Member State of notification*

Spain

*1.3 Date of consent and consent number*

12/04/2006

**2. REPORT STATUS**

*2.1 Please indicate whether, according to Article 3 of the present Decision, the*

Post-release monitoring report

**3. CHARACTERISTICS OF THE RELEASE**

*3.1 Scientific name of the recipient organism*

*Zea mays*

*3.2 Transformation event(s) (acronym(s) or vectors) used (if transformation event identity not available)*

1507 maize

*3.3 Unique identifier, if available*

DAS-01507-1

*3.4 Please provide the following information as well as the field(s) layout :*

In the case of small-scale field trials where several lines may be tested, the vectors used should be mentioned, which gives insight into the introduced traits and/or genetic elements. In the case of large-scale trials, the number of events notified is limited to only one or a few events.

Destruction date Montañana: 18th Dec 2006  
Destruction date Peñaflo: 18th Dec 2006  
Destruction date Poleñino: 15th Dec 2006

<p>Notification B/ES/06/39: Preliminary trials</p> <p>1.- Finca Estación Experimental Aula Dei  Avenida Montañana 1005  50900 - Zaragoza  Montañana – MENE  Polígono 16  Parcela 598 ARAGON</p> <p>B1146 X 4XP811HP DAS 1507 304 plants  7RN401 X 6XN442HP DAS 1507 305 plants  DKC6575 MON 810 300 plants  ARISTIS Bt MON 810 305 plants  33P67 MON 810 302 plants</p> <p>Planting date: 14/06/2006  Destruction date: 18/12/2006</p>	<p>Notification B/ES/06/39: Preliminary trials</p> <p>2.- Finca Estación Experimental Aula Dei  Avenida Montañana 1005  50900 - Zaragoza  Peñaflo – H4  Polígono 16  Parcela 19 ARAGON</p> <p>B1146 X 4XP811HP DAS 1507 300 plants  7RN401 X 6XN442HP DAS 1507 279 plants  DKC6575 MON 810 300 plants  ARISTIS Bt MON 810 297 plants  33P67 MON 810 299 plants</p> <p>Planting date: 19/06/2006  Destruction date: 18/12/2006</p>
<p>Notification B/ES/06/39: Preliminary trials</p> <p>3.- D. Roberto Bernard  Poleñino 252  Huesca 22  Polígono 10  Parcelas: 50 ARAGON</p> <p>B1146 X 4XP811HP DAS 1507 317 plants  7RN401 X 6XN442HP DAS 1507 348 plants  DKC6575 MON 810 362 plants  ARISTIS Bt MON 810 295 plants  33P67 MON 810 339 plants</p> <p>Planting date: 09/06/2006  Destruction date: 15/12/2006</p>	

**4. ANY KIND OF PRODUCT THAT THE NOTIFIER INTENDS TO NOTIFY AT A LATER STAGE**

**4.1 Does the notifier intend to notify the released transformation event(s) as product(s) for placing on the market under Community legislation(s) at a later stage ?**

Yes

If yes, indicate the country (ies) of notification

Not defined as yet

## **5. TYPE(S) OF DELIBERATE RELEASE(S)**

*5.1 Deliberate release(s) for research purposes*

Not applicable

*5.2 Deliberate release(s) for development purposes*

Not applicable

*5.3 Official testing*

The trials are for variety registration purposes

*5.4 Herbicide authorization*

Not applicable

*5.5 Deliberate release(s) for demonstration purposes*

Not applicable

*5.6 Seeds multiplication*

*5.7 Deliberate release(s) for biosafety/risk assessment research - Vertical gene transfer studies*

Not applicable

*5.8 Other(s) type(s) of deliberate release(s)*

Not applicable

## **6. METHOD(S), RESULT(S) OF THE RELEASE, MANAGEMENT AND MONITORING MEASURE(S) IN RESPECT OF ANY RISK TO HUMAN HEALTH OR THE ENVIRONMENT**

### **6.1 Risk management measure(s)**

*6.1.1 Before the sowing/planting:*

Seeds were packed and clearly labelled to avoid confusion and possible mixture with conventional seed

Seed were stored and transported to the field on the same day when the trials will take place, in the original package. Before the planting, no processing of the seeds takes place

#### *6.1.2 During the sowing/planting activities*

The local authorities were informed that the trials were going to go ahead. Isolation distances of at least 200 m away from any commercial maize were respected

Seeds were planted with a standard sowing machine which allows an easy cleaning of the remaining seeds. At the end of the individual plot sowing, the remaining seeds in the machine (if any) were buried at the end of the plot

Personnel involved with the trials have been trained to prevent involuntary release/spillage

#### *6.1.3 During the period of release*

Monitoring has taken place during the growing season; during the visits, in addition to the observations planned in the study, general observations have taken place to look for any unanticipated adverse effect such as weed tendencies, susceptibility to insect pests and diseases

The material used during the monitoring was cleaned before leaving the trial plots

#### *6.1.4 At the end of the release*

The authorities were informed when the destruction of the trials will take place

All transgenic material was clearly identifiable and none of the seeds or plant parts was moved outside the trial site

Waste from harvest along with plants which were not used in the study were chopped and ploughed in the plot

All the machinery used in the trial was cleaned on the release site before leaving the plot

#### *6.1.5 Post-harvest measures*

The release site will be visited several times, in particular when the weather conditions will favour germination

Avoid growing maize on this site on the following year

If needed, any undesired plant emerged would be mechanically destroyed or by using herbicides (other than glufosinate ammonium)

#### *6.1.6 Other(s) measure(s) (describe)*

Not applicable

#### *6.1.7 Emergency plan(s)*

All biosafety measures aimed at preventing escapes into the environment will be implemented. However, in the unlikely eventuality of an escape, an ELISA screening will be performed and all positive plants will be destroyed. The competent authorities will be immediately informed of any incident affecting the trials

*Indicate:*

*(a) of the release proceeded s planned*

Yes

*No (describe for which reason)*

*(b) if measures according to the emergency plan(s) (Article 6(2)(a)(vi) and Annex III.B of Directive 2001/18/EC) had to be taken:*

No

## **6.2 Post-release monitoring measures**

Monitoring results confirm that 1507 maize plants do not present a risk for the human, animal health and the environment

*Specify*

*Monitoring measures within site*

The trial sites will be visited in the following growing season to control the growth of volunteer plants

Monitoring measures of adjacent areas

Not applicable

## **6.3 Plan for observation(s)/method(s) involved**

General observations on plant health, susceptibility to diseases, on development of the plants will be carried out along with any other unusual and unanticipated characteristics

## **6.4 Observed effect(s)**

1507 maize plants didn't show any risk to human, animal health and the environment when compared with conventional maize.

### *6.4.1 Explanatory note*

All results of the deliberate release(s) in respect of any risk for human health or the environment shall be stated, without prejudice to whether the results indicate that any risk is increased, reduced or remains unchanged.

1507 maize plants didn't show any risk to human, animal health and the environment.

### *6.4.2 Expected effect(s)*

1507 maize plants have developed normally, in a comparable way with the non GM near isogenic line differing only in the resistance against lepidopteran pest insects, were there is high infestation pressure

### *6.4.3 Unexpected effect(s)*

No unexpected effects posing risks to the environment were identified

#### *6.4.4 Other information*

Not relevant

### **7. CONCLUSION**

The trials have been carried out in the predicted manner. No negative effects to human health or the environment have been observed. 1507 maize plants have grown as expected.