

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/12/31**

1.2 Member State of notification: **Spain**

1.3 Date of consent and consent number: **20/04/12 Aragón, 25/05/12 Navarra, 16/04/12 Andalucía.**

2 Report status

2.1 Please indicate whether, according to Article 3 of the present Decision, the current report is:

- the final report
- a post-release monitoring report
- **final**
- intermediary

3 Characteristics of the release

3.1 Scientific name of the recipient organism: ***Zea mays***

3.2 Transformation event(s) (acronym(s) or vectors¹ used (if transformation event identity not available): **pAG3541 – 1 transformation event, VCO-Ø1981-5.**

3.3 Unique identifier, if available: **VCO-Ø1981-5**

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

¹ 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.

Geographical location(s) (administrative region and, where appropriate, grid reference)	Size of the release site(s) (²) (m²)	Identity (³) and approximate number of GM higher plants per event actually released (number of seeds/plants per m²)	Duration of the release(s) (from ... (day/month/year... until... (d/m/y)
ÉJEA DE LOS CABALLEROS, ZARAGOZA	4.000m² used, 1.450 m² of GMO plants	VCO-Ø1981-5 11.000 GMO plants	26/05/2012 sowing 3/12/2012 harvest
MURUZABAL DE ANDION, NAVARRA	5.000 m² used, 2.400 m² of GMO plants	VCO-Ø1981-5 18.000 GMO plants	1/06/2012 sowing 16/11/2012 harvest
MONZÓN (1), HUESCA, ARAGÓN	4.000m² used, 2.600 m² of GMO plants	VCO-Ø1981-5 19.200 GMO plants	25/05/2012 sowing 31/10/2012 harvest
MONZÓN (2), HUESCA, ARAGÓN	4.000m² used, 2.400 m² of GMO plants	VCO-Ø1981-5 16.800 GMO plants	28/05/2012 sowing 1/11/2012 harvest
ÉCIJA, SEVILLA, ANDALUCÍA	3.200m² used, 1.300 m² of GMO plants	VCO-Ø1981-5 9.400 GMO plants	3/05/2012 sowing 18/09/2012 harvest

In all cases 8 rows of non GMO maize of similar cycle was sown in the laterals of the trial. At the beginning and end of the trial a plot 6.5 meters long of non GMO maize of similar cycle is sown.

⁽²⁾ Specify the size of the GM area and, where appropriate, the size of the non-GM area (e.g. non-GM border)

⁽³⁾ Vectors used

EJEA DE LOS CABALLEROS

CONFIDENTIAL GENECTIVE												
Location Ejea		2012S										
Plan												
2695.68 m ² Total avec bordure												
Efficiency	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490
			12	13	36	37	60	61	84	85		
Rep 3	LG3490	LG3490	0HF6981	0HF6981	0HF6981	0HF6981	0HF6981	0HF6981	0HF6981	0HF6981	0HF6981	0HF6981
			11	14	35	38	59	62	83	86		
	LG3490	LG3490	0HF6981	0HF6981	0HF6981	0HF6981	0HF6981	0HF6981	0HF6981	0HF6981	0HF6981	0HF6981
			10	15	34	39	58	63	82	87		
Rep 2	LG3490	LG3490	0HF6981	0HF6981	0HF6981	0HF6981	0HF6981	0HF6981	0HF6981	0HF6981	0HF6981	0HF6981
			9	16	33	40	57	64	81	88		
	LG3490	LG3490	0HF6981	0HF6981	0HF6981	0HF6981	0HF6981	0HF6981	0HF6981	0HF6981	0HF6981	0HF6981
			8	17	32	41	56	65	80	89		
Rep 1	LG3490	LG3490	0HF6981	0HF6981	0HF6981	0HF6981	0HF6981	0HF6981	0HF6981	0HF6981	0HF6981	0HF6981
			7	18	31	42	55	66	79	90		
	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490
			6	19	30	43	54	67	78	91		
Selectivity	LG3490	LG3490	0HC6981	0HC6981	0HC6981	0HC6981	0HC6981	0HC6981	0HC6981	0HC6981	LG3490	LG3490
			5	20	29	44	53	68	77	92		
	LG3490	LG3490	0HC6981	0HC6981	0HC6981	0HC6981	0HC6981	0HC6981	0HC6981	0HC6981	LG3490	LG3490
			4	21	28	45	52	69	76	93		
	LG3490	LG3490	0HC6981	0HC6981	0HC6981	0HC6981	0HC6981	0HC6981	0HC6981	0HC6981	LG3490	LG3490
			3	22	27	46	51	70	75	94		
	LG3490	LG3490	0HC6981	0HC6981	0HC6981	0HC6981	0HC6981	0HC6981	0HC6981	0HC6981	LG3490	LG3490
			2	23	26	47	50	71	74	95		
	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490
			1	24	25	48	49	72	73	96		
	8 hileras											8 hileras

“Selectivity” were yield trials.

“Efficiency” were trials of efficacy of the herbicide.

MURUZÁBAL DE ANDIÓN:

CONFIDENTIAL GENECTIVE												
Location Andion Espagne						2012S						
PLAN												
4043.52 m2												
Efficiency	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490
	18	19	54	55	90	91	126	127				
Rep 3	LG3490	LG3490	OHC6981	OHC6981	OHC6981	OHC6981	OHC6981	OHC6981	OHC6981	OHC6981	OHA6981	LG3490
	17	20	53	56	89	92	125	128				
Rep 2	LG3490	LG3490	OHC6981	OHC6981	OHC6981	OHC6981	OHC6981	OHC6981	OHC6981	OHC6981	OHA6981	LG3490
	16	21	52	57	88	93	124	129				
Rep 1	LG3490	LG3490	OHC6981	OHC6981	OHC6981	OHC6981	OHC6981	OHC6981	OHC6981	OHC6981	OHA6981	LG3490
	15	22	51	58	87	94	123	130				
Rep 1	LG3490	LG3490	OHC6981	OHC6981	OHC6981	OHC6981	OHC6981	OHC6981	OHC6981	OHC6981	OHA6981	LG3490
	14	23	50	59	86	95	122	131				
Selectivity	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490
	12	25	48	61	84	97	120	133				
Rep 3	LG3490	LG3490	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	LG3490	LG3490
	11	26	47	62	83	98	119	134				
Rep 2	LG3490	LG3490	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	LG3490	LG3490
	10	27	46	63	82	99	118	135				
Rep 1	LG3490	LG3490	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	LG3490	LG3490
	9	28	45	64	81	100	117	136				
Rep 1	LG3490	LG3490	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	LG3490	LG3490
	8	29	44	65	80	101	116	137				
Residu	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490
	7	30	43	103	79	102	115	138				
Rep 3	LG3490	LG3490	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	LG3490	LG3490
	6	31	42	67	78	103	114	139				
Rep 2	LG3490	LG3490	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	LG3490	LG3490
	5	32	41	68	77	104	113	140				
Rep 1	LG3490	LG3490	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	LG3490	LG3490
	4	33	40	69	76	105	112	141				
Rep 1	LG3490	LG3490	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	LG3490	LG3490
	3	34	39	70	75	106	111	142				
Rep 1	LG3490	LG3490	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	LG3490	LG3490
	2	35	38	71	74	107	110	143				
Rep 1	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490
	1	36	37	72	73	108	109	144				

“Selectivity” were yield trials.
 “Efficiency” were trials of efficacy of the herbicide.
 “Residu” is a trial of residual of the herbicide .

MONZÓN (1):

CONFIDENTIAL GENECTIVE												
Location Monzon1 (Alumnia) Espagne 20125												
Plan												
4043.52 m2 total												
Efficiency	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490
			18	19	54	55	90	91	126	127		
Rep 3	LG3490	LG3490	OHF6981	OHF6981	OHF6981	OHF6981	OHF6981	OHF6981	OHF6981	OHF6981	OHF6981	OHF6981
			17	20	53	56	89	92	125	128		
Rep 2	LG3490	LG3490	OHF6981	OHF6981	OHF6981	OHF6981	OHF6981	OHF6981	OHF6981	OHF6981	OHF6981	OHF6981
			16	21	52	57	88	93	124	129		
Rep 1	LG3490	LG3490	OHF6981	OHF6981	OHF6981	OHF6981	OHF6981	OHF6981	OHF6981	OHF6981	OHF6981	OHF6981
			15	22	51	58	87	94	123	130		
Selectivity	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490
			12	25	48	61	84	97	120	133		
Residu	LG3490	LG3490	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	LG3490	LG3490
			11	26	47	62	83	98	119	134		
	LG3490	LG3490	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	LG3490	LG3490
			10	27	46	63	82	99	118	135		
	LG3490	LG3490	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	LG3490	LG3490
			9	28	45	64	81	100	117	136		
	LG3490	LG3490	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	LG3490	LG3490
			8	29	44	65	80	101	116	137		
	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490
			7	30	43	103	79	102	115	138		
	LG3490	LG3490	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	LG3490	LG3490
			6	31	42	67	78	103	114	139		
	LG3490	LG3490	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	LG3490	LG3490
			5	32	41	68	77	104	113	140		
	LG3490	LG3490	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	LG3490	LG3490
			4	33	40	69	76	105	112	141		
	LG3490	LG3490	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	LG3490	LG3490
			3	34	39	70	75	106	111	142		
	LG3490	LG3490	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	LG3490	LG3490
			2	35	38	71	74	107	110	143		
	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490
			1	36	37	72	73	108	109	144		
8 hileras												

“Selectivity” were yield trials.
 “Efficiency” were trials of efficacy of the herbicide.
 “Residu” is a trial of residual of the herbicide .

MONZÓN (2):

CONFIDENTIAL GENECTIVE											
Location Monzon2 Espagne 20125											
Plan											
4043.52 m ²											
Efficiency	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490
	18	19	54	55	90	91	126	127			
Rep 3	LG3490	LG3490	OHD6981	OHD6981	OHD6981	OHD6981	OHD6981	OHD6981	OHD6981	OHA6981	LG3490
	17	20	53	56	89	92	125	128			
Rep 2	LG3490	LG3490	OHD6981	OHD6981	OHD6981	OHD6981	OHD6981	OHD6981	OHA6981	LG3490	LG3490
	16	21	52	57	88	93	124	129			
Rep 1	LG3490	LG3490	OHD6981	OHD6981	OHD6981	OHD6981	OHD6981	OHD6981	OHA6981	LG3490	LG3490
	15	22	51	58	87	94	123	130			
Selectivity	LG3490	LG3490	OHD6981	OHD6981	OHD6981	OHD6981	OHD6981	OHD6981	LG3490	LG3490	LG3490
	14	23	50	59	86	95	122	131			
Residu	LG3490	LG3490	OHD6981	OHD6981	OHD6981	OHD6981	OHD6981	OHD6981	OHA6981	LG3490	LG3490
	13	24	49	60	85	96	121	132			
Efficiency	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490
	12	25	48	61	84	97	120	133			
Rep 3	LG3490	LG3490	OHD6981	OHD6981	OHD6981	OHD6981	OHD6981	OHD6981	LG3490	LG3490	LG3490
	11	26	47	62	83	98	119	134			
Rep 2	LG3490	LG3490	OHD6981	OHD6981	OHD6981	OHD6981	OHD6981	OHD6981	LG3490	LG3490	LG3490
	10	27	46	63	82	99	118	135			
Rep 1	LG3490	LG3490	OHD6981	OHD6981	OHD6981	OHD6981	OHD6981	OHD6981	LG3490	LG3490	LG3490
	9	28	45	64	81	100	117	136			
Efficiency	LG3490	LG3490	OHD6981	OHD6981	OHD6981	OHD6981	OHD6981	OHD6981	LG3490	LG3490	LG3490
	8	29	44	65	80	101	116	137			
Rep 3	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490
	7	30	43	103	79	102	115	138			
Rep 2	LG3490	LG3490	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	LG3490	LG3490	LG3490
	6	31	42	67	78	103	114	139			
Rep 1	LG3490	LG3490	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	LG3490	LG3490	LG3490
	5	32	41	68	77	104	113	140			
Efficiency	LG3490	LG3490	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	LG3490	LG3490	LG3490
	4	33	40	69	76	105	112	141			
Rep 3	LG3490	LG3490	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	LG3490	LG3490	LG3490
	3	34	39	70	75	106	111	142			
Rep 2	LG3490	LG3490	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	LG3490	LG3490	LG3490
	2	35	38	71	74	107	110	143			
Rep 1	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490
	1	36	37	72	73	108	109	144			

“Selectivity” were yield trials.
 “Efficiency” were trials of efficacy of the herbicide.
 “Residu” is a trial of residual of the herbicide .

CONFIDENTIAL GENECTIVE												
Location Ecija					2012S							
Plan												
2471.04 m ² total avec bordure												
Efficiency	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	
			12	13	36	37	60	61	84			
Rep 3	LG3490	LG3490	OHF6981-S1-GY3	OHF6981-NT2	OHF6981-S1-GY2	OHF6981-NT1	OHF6981-NT3	OHF6981-S1-GY1	OHF6981-S1-CT1	LG3490	LG3490	
			11	14	35	38	59	62	83			
	LG3490	LG3490	OHF6981-NT	OHF6981-NT	OHF6981-NT	OHF6981-NT	OHF6981-NT	OHF6981-NT	OHF6981-NT	LG3490	LG3490	
			10	15	34	39	58	63	82			
Rep 2	LG3490	LG3490	OHF6981-NT1	OHF6981-NT3	OHF6981-S1-CT1	OHF6981-S1-GY2	OHF6981-NT2	OHF6981-S1-GY1	OHF6981-S1-GY3	LG3490	LG3490	
			9	16	33	40	57	64	81			
	LG3490	LG3490	OHF6981-NT	OHF6981-NT	OHF6981-NT	OHF6981-NT	OHF6981-NT	OHF6981-NT	OHF6981-NT	LG3490	LG3490	
			8	17	32	41	56	65	80			
Rep 1	LG3490	LG3490	OHF6981-S1-GY1	OHF6981-S1-GY2	OHF6981-S1-GY3	OHF6981-S1-CT1	OHF6981-NT3	OHF6981-NT1	OHF6981-NT2	LG3490	LG3490	
			7	18	31	42	55	66	79			
	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	
			6	19	30	43	54	67	78			
Selectivity	LG3490	LG3490	OHA6981-S1-GY1	OHA6981-S1-GY2	OHA6981-S2-GY1	OHA6981-S2-GY2	OHA6981-SCT1	OHA6981-SCT2	OHA6981-NT	LG3490	LG3490	
			5	20	29	44	53	68	77			
	LG3490	LG3490	OHA6981-S2-GY2	OHA6981-S1-GY1	OHA6981-NT	OHA6981-SCT2	OHA6981-S2-GY1	OHA6981-S1-GY2	OHA6981-SCT1	LG3490	LG3490	
			4	21	28	45	52	69	76			
	LG3490	LG3490	OHA6981-SCT2	OHA6981-S2-GY1	OHA6981-S1-GY2	OHA6981-SCT1	OHA6981-NT	OHA6981-S2-GY2	OHA6981-S1-GY1	LG3490	LG3490	
			3	22	27	46	51	70	75			
	LG3490	LG3490	OHA6981-S2-GY2	OHA6981-SCT1	OHA6981-S2-GY1	OHA6981-NT	OHA6981-S1-GY1	OHA6981-SCT2	OHA6981-S1-GY2	LG3490	LG3490	
			2	23	26	47	50	71	74			
	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	
			1	24	25	48	49	72	73			
	8 hileras										8 hileras	

“Selectivity” were yield trials.

“Efficiency” were trials of efficacy of the herbicide.

4 Any kind of product that the notifier intends to notify at 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?

4.2 Yes Unknown to date

If yes, indicate the country (ies) of notification:.....

If yes, specify for which use(s):

- Import.
- Cultivation (e.g.; seed/planting material production).
- Food.
- Feed.
- Pharmaceutical use (or processing for pharmaceutical use).
- Processing for pour.
 - Food use
 - Feed use
 - Industrial use.
- Others (specify):

5 Type(s) of deliberate release(s)

Please select the main type(s) (in boxes) as well as subtype(s) of the release(s). In the case of multi-sites, multi-events and/or multi-annual release(s), please provide a general overview of the type(s) of deliberate release(s) which has/have been carried out for the full duration of the consent. Please tick the appropriate type(s):

5.1 Deliberate release(s) for research purposes

5.2 Deliberate release(s) for development purposes

- Event screening.
- Proof of concept ².

² For example, testing the new trait under environmental conditions.

- Agronomic performances (e.g. efficiency/selectivity of plant protection product, yield capacity, ~~germination capacity~~, crop establishment, plant vigor, plant height, ~~susceptibility to climatic factors/diseases, etc.~~) (specify). X
- Altered agronomic properties (e.g. disease/pest/drought/frost-resistance, etc.) (specify).
- Altered qualitative properties (prolonged shelf-life, enhanced nutritional value, modified composition, etc.) (specify).
- Stability of the expression.
- Multiplication of lines.
- Hybrid vigour study.
- Molecular farming³.
- Phyto-remediation.
- Others : (specify)

5.3 Official testing

- Variety registration on a national variety catalogue
 - DUS (=Distinctness, Uniformity and Stability)
 - VCU (=Value of Cultivation and Use)
- Others: (specify):

5.4 Herbicide authorization

5.5 Deliberate release(s) for demonstration purposes

5.6 Seeds multiplication

5.7 Deliberate release(s) for biosafety/risk assessment research

³ « Molecular farming » means the production of substances (for instance, proteins, pharmaceuticals) by plants, which have been genetically modified for a particular trait. “Molecular farming” could be defined as well as the production of plant-synthesised pharmaceuticals, plant-made pharmaceuticals, plant-based proteins production, etc.

- Vertical gene transfer studies.
 - Out-crossing with conventional crops
 - Out-crossing with wild relatives
- Horizontal gene transfer studies (gene transfer to micro-organisms).
- Management of volunteers.
- Potential changes in persistence or dispersal.
- Potential invasiveness.
- Potential effects on target organisms.
- Potential effects on non-target organisms.
- Observation of resistant relatives.
- Observation of resistant insects.
- Others: (describe)
-

5.8 Other(s) type(s) of deliberate release(s):
 (describe) :

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)

Please report the risk-management measures, which have been used to avoid or minimise the spread of the GMO(s) outside the site(s) of release, and in particular those measures:

- Which were not originally notified in the application,
- Which were applied in addition to the conditions in the consent,
- Which the consent required only under certain conditions (e.g. dry periods, flooding),
- For which the consent allowed the notifier a choice among different measures.

Tick the examples where appropriate:

6.1.1 Before the sowing/planting:

- Clear labelling of the GM seeds (distinct from other seeds/tubers/etc.) (describe).
The GMO seeds were placed in individual envelopes of 100 seeds (needed for 2 rows; 2 envelopes were used for each plot), each envelope labeled with the corresponding transformation event code VCO-Ø1981-5, the name of the experimental variety and the plot number according to the field layout shown above.
- Segregation during the processing and transport of the seed/planting material (describe the method involved; provide example(s) of containment to prevent spillage during the processing and transport).
The envelopes were placed, in the sowing order in cardboard boxes then in a polypropylene bag, sealed before transport. The seeds preparation was done in the Laboratory of Limagrain in France. Transport was made in a Limagrain car by persons aware of the nature of the seeds.
- Destruction of superfluous seeds/planting material (describe the method involved).
After sowing, the remaining seeds were brought back to the laboratory for destruction. The planter was carefully cleaned on the experimental field (in the borders).
- Temporal isolation (specify).
No temporal isolation.
- Rotation (specify the previous crop).
Ejea de los Caballeros: cereal
Monzón (1): maize.
Monzón (2): ray-grass
Écija: cereal
Muruzábal de Andión: cereal and faba beans.
- Other(s): (specify)

6.1.2 During the sowing/planting activities:

- Method of sowing/planting.
Planting was using a sowing machine for experimental trials. A system of auto cleaning sends the remaining seeds in a container where the seeds are collected.
- Emptying and cleaning of the sowing machinery on the field of release.
The sowing machine was cleaned on the release site; remaining seeds were collected by an aspiration system and after opening the sowing elements.
- Segregation during the sowing (provide example of containment to prevent spillage during the sowing/planting).
Each bag of seeds was open only on the release site; after control of the label and of the position of the plot (using a map/design of the assay), the seeds were poured into the sowing elements.

- Other(s): (specify)

6.1.3 During the period of release:

- Isolation distance (x meters)
 - From sexually compatible commercial plant species.
 - **Ejea de los Caballeros: 245 m from maize**
 - **Monzón (1): more than 350 m from maize**
 - **Muruzábal de Andión 450 m from maize**
 - **Écija: more than 300 m from any other maize**
 - **Monzón (2): 240 m from maize**
 - From sexually compatible wild relatives.
 - **Maize has no wild relatives in Spain**
- Border rows (with the same crop or a different one, with a non-transgenic crop, x meters, etc).
 - **At least 8 border rows of non GM maize.**
- Cage/net/fence/signpost (specify).
 - **No**
- Pollen trap (specify).
 - **No**
- Removal of GM inflorescences before flowering (indicate the frequency of removal).
 - **No**
- Removal of bolters/relatives/hybrid partners (indicate the frequency of the removal, x metres around the GM field, etc).
 - **No**
- Other(s): (specify).....

6.1.4 At the end of the release:

- Harvest/destruction methods (of crop or part of it) / other means (e.g.: sampling) (describe).
- Harvest / destruction before the ripeness of the seeds.
 - **Grain harvest by a combine having weight meter unit and water content measurement unit. Later the grain is recovered from the machine and buried in the liberation site in presence of technicians from the “Comunidad Autónoma” that is the Local Competent Authorities.**
- Effective removal of plant parts.
 - **Chopping of the plant parts and bury in the liberation site.**
- Segregated storage and transport of crop/waste (provide examples of containment to prevent spillage of collected seeds/crops/wastes).

Cob samples were hand harvested, placed in bags, each bag labeled with the identification of the plot from which the cobs were taken, (location, trial, genotype, identification that it is GMO with the event code, indication it is not to be used for animal or human consumption) and transported to the Limagrain laboratory in France by Limagrain vehicle and by Limagrain personal.

- Clean up of machinery on the release site.
The combine is cleaned of rests of grain and other plant material in the liberation site, the residues are buried in place.
- Destination of the waste, treatment of waste/ surplus yield/plant residues (describe).
Buried on the experimental release site.
- Post-harvest treatment and cultivation measures on the release site (describe the method for preparing and managing the release site at the end of the release, including cultivation practices).
Soil preparation for next crop that is not maize.

Other(s): (describe):

6.1.5 Post-harvest measures:

Please indicate which measures were taken on the release site after harvest:

Frequency of visits (average) **Monthly.**

- Subsequent crop (specify).
Ejea de los Caballeros: cereal, barley
Monzón (1): cereal.
Muruzábal de Andión: cereal
Écija: cereal
Monzón (2): cereal
- Crop rotation (specify).
- Fallow/no crop (specify).
- Superficial soil work / no deep ploughing.
- False-sowing beds.
- Control of volunteers (specify intervals and duration).
- Appropriate chemical treatment(s) (specify).
- Appropriate soil treatment(s) (specify).
- Other(s) (specify)

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

The monthly visits make sure there is no re-grown of maize. Not found till now.

6.1.7 *Emergency plan(s).*

Indicate:

a) If the release proceeded as planned:

- Yes
- No (describe for which reason, e.g. vandalism, climatic conditions, etc.) **No incidence to report**

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**
- Yes (describe)

6.2 Post-release monitoring measures

Due to the fact that the current report format can be used for the final and post-release monitoring report(s), the notifier is asked to clearly make the difference between both types of report through this section 2 of Chapter 6. Please indicate whether

- **The post-release monitoring plan will start** (in the case of a final report, after the last harvest of the GM higher plants).
- **The post-release monitoring plan is ongoing** (in the case of an intermediary post-release monitoring report).

The monitoring plan post-release goes on. The monthly visits have nothing to report till now.

- **The post-release monitoring plan has been completed** (in the case of the final post-release monitoring report).
- **No post-release monitoring plan has to be fulfilled.**

The results of this monitoring are meant to confirm or invalidate earlier assumptions in the risk assessment.

According to the aforementioned cases, please indicate which monitoring measure(s) will be/are/were taken and where (on the release site/near the site (e.g. on fields edges)). Please be aware that all post-release monitoring measures taken during the whole post-release period shall be indicated here.

Specify:

- Monitoring measures within site

Duration: **one year**

Frequency of visits (average): **monthly**

- Observation of resistant relatives.
- Observation of resistant insects.
- Control of volunteers (specify intervals and duration).
Control of volunteers for one year monthly, nothing to report till now.
- Monitoring of gene flow (specify).
- Appropriate chemical treatment(s) and/or soil treatment(s).
- Others (specify).

- Monitoring measures of adjacent areas:

Duration: **One year, at the same time of the visits to the release site, to date no incidence or re-growth to report in the adjacent plots.**

Frequency of visits (average): **monthly**

Area monitored:

- Observation of resistant relatives.
- Observation of resistant insects.
- **Control of volunteers X**
and/or monitoring of feral populations (specify intervals and duration).
- Monitoring of gene flow (specify).
- Appropriate chemical treatment(s) and/or soil treatment(s).
- Others (specify).

6.3 Plan for observation(s)/methods(s) involved

In this section the observation plan and the methods used to collect the effects which have to be reported under the next section (section 6.4) need to be specified. Any amendments or modifications to the plan as proposed in the application and the SNIF⁴ part B need to be specified in detail.

During the time between the notification and the final report submission, new scientific insights or methods may be developed which cause a change in the methods used. In particular these modifications need to be specified under this section.

During the field trial observations made do not lead to change the conclusions of the risk assessment made in the application. No changes were found, as compared to conventional maize in terms of persistence or invasiveness, advantages, potential of

⁴ Summary notification information format (=SNIF)

transfer of genetic material, or biological interactions, etc. The only difference found was the tolerance to the herbicide glyphosate which is the trait introduced into these transgenic maize plants.

6.4 Observed effect(s)

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.

The main objectives of the information given in this section are:

- to confirm or invalidate any assumption regarding the occurrence and impact of potential effect(s) of the GMO(s) which was/were identified in the environmental risk assessment,
- to identify effect(s) of the GMO(s) which was/were not anticipated in the environmental risk assessment.

The observed **effect(s)/interaction(s)** of the GMO(s)

- with respect to any risk to human health,
- with respect to any risk to the environment

shall be reported under this section.

Particular attention shall be drawn to unexpected and unintended effect(s).

Nothing has been detected in effects over the human health or environment, different to the effects related to a normal maize cultivation in the relative to agriculture land preparation, etc.

No unexpected or unintended effect to report.

Indications as regards the effects, that the notifier may have to report, are provided hereunder. The effects have obviously to be considered in the light of the crop, the new trait, the receiving environment as well as the conclusions of the environmental risk assessment, which is carried out on a case-by-case basis.

In order to structure the information and to facilitate and efficient search within the given information, the notifier shall use, as far as possible, specific keywords to fill in the text fields under Chapter 6, especially sections 6.4.2, 6.4.3 and 6.4.4. A most updated list of those specific keywords is available on the Internet at: <http://gmoinfo.jrc.it>.

6.4.2 Expected effect(s)

This section concerns « expected effects », that is to say, potential effects which were already identified in the environmental risk assessment of the notification and could therefore be anticipated.

Notifiers should supply data from the deliberate release(s) which validate the assumptions made in the environmental risk assessment.

Nothing could be detected in relation to biodiversity in general different to what can happen with a normal non GMO maize cultivation.

6.4.3 *Unexpected effect(s)*⁵

“Unexpected effects” refer to effects on human health or the environment which were not foreseen or identified in the environmental risk assessment of the notification. This part of the report should contain any information with regard to unexpected effects or observations relevant for the initial environmental risk assessment. In case of any observed unexpected effects or observations, this section should be as detailed as possible to allow a proper interpretation of the data.

6.4.4 *Other information*

Notifiers are encouraged to supply information, which is outside the scope of the notification but which might be relevant to the field trials in question. This may also include observations of beneficial effects.

Nothing could be detected in relation to biodiversity in general different to what can happen with a normal non GMO maize cultivation.

7 Conclusion

In this chapter, the notifier should specify the conclusions drawn and the measures taken or to be taken on the basis of the results of the release with regard to further release(s) and where appropriate, make reference to any kind of product the notifier intends to notify at a later stage.

DATE: **Elorz 18 December 2012.**

Enrique Sánchez-Monge

⁵ Without prejudice to Article 8 OF Directive 2001/18/EC as regards handling of modifications or new information.