

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/11/16**

1.2 Member State of notification: **Spain**

1.3 Date of consent and consent number: **11/03/11 Aragón, 24/06/11 Navarra, 31/03/11 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	11.000m2 occupied 2200 m2 of GMO plants	VCO-Ø1981-5 16.500 GMO plants	18/05/2011 sowing 10/10/2011 harvest
MURILLO EL CUENDE, NAVARRA	5.200 m2 occupied, 1000 m2 of GMO plants	VCO-Ø1981-5 7.500 GMO plants	26/05/2011 sowing 13/10/2011 harvest
MURUZABAL DE ANDION, NAVARRA	5.200 m2 occupied, 1000 m2 of GMO plants	VCO-Ø1981-5 7.500 GMO plants	27/05/2011 sowing 14/11/2011 harvest
MONZÓN, HUESCA, ARAGÓN	11.000m2 occupied, 2200 m2 of GMO plants	VCO-Ø1981-5 16.500 GMO plants	18/05/2011 sowing 06/10/2011 harvest
TAMARITE DE LITERA, HUESCA, ARAGON	11.000m2 occupied, 2200 m2 of GMO plants	VCO-Ø1981-5 16.500 GMO plants	17/05/2011 sowing 06/10/2011 harvest
ÉCIJA, SEVILLA, ANDALUCÍA	10.540m2, occupied 2.200 m2 of GMO plants	VCO-Ø1981-5 16.500 GMO plants	16/05/2011 sowing 27/09/2011 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

TAMARITE DE LITERA

CONFIDENTIAL VILMORIN & Cie
Location Tamarite Espagne 2011s

Parcela 1

Testing Events

	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490
			17	18	51	52	85	86		119	
	LG3490	LG3490	0HA6981C	0HE6981GL	9PR37D25	9LG30551	0AGR58036	9PR36K67	0HF0		LG3490
			16	19	50	53	84	87		118	
	LG3490	LG3490	0HF6981C	9PR35F38	0AGR7584	9LG3490	9LG3540	9LG3475	9AGRISTER		LG3490
			15	20	49	54	83	88		117	
Rep 5	LG3490	LG3490	0HE6981C	0HF6981GL	0HA0	9DKC4964	9DKC5783	0HA6981GL	0HE0		LG3490
			14	21	48	55	82	89		116	
	LG3490	LG3490	0HA6981C	9PR37D25	9DKC5783	0HF6981C	9LG3475	0HE6981C	9DKC4964		LG3490
			13	22	47	56	81	90		115	
	LG3490	LG3490	9LG3540	0AGR7584	9LG30551	9LG3490	0HE6981GL	0HF0	9PR36K67		LG3490
			12	23	46	57	80	91		114	
Rep 4	LG3490	LG3490	0HA0	0HA6981GL	9PR35F38	0HF6981GL	9AGRISTER	0HE0	0AGR58036		LG3490
			11	24	45	58	79	92		113	
	LG3490	LG3490	0HA6981GL	9PR35F38	9PR37D25	9LG3475	0HF0	9DKC4964	0HE6981GL		LG3490
			10	25	44	59	78	93		112	
	LG3490	LG3490	0AGR7584	0AGR58036	0HF6981C	0HF6981GL	9AGRISTER	9LG3490	0HE0		LG3490
			9	26	43	60	77	94		111	
Rep 3	LG3490	LG3490	9LG30551	9DKC5783	9PR36K67	0HE6981C	9LG3540	0HA0	0HA6981C		LG3490
			8	27	42	61	76	95		110	
	LG3490	LG3490	9PR35F38	0HE6981C	9PR36K67	9LG3490	0HE0	9DKC4964	0HA6981C		LG3490
			7	28	41	62	75	96		109	
	LG3490	LG3490	0HE6981GL	0AGR58036	9LG3475	0HA0	0HF0	0HF6981C	9LG30551		LG3490
			6	29	40	63	74	97		108	
Rep 2	LG3490	LG3490	0HA6981GL	0AGR7584	0HF6981GL	9PR37D25	9AGRISTER	9LG3540	9DKC5783		LG3490
			5	30	39	64	73	98		107	
	LG3490	LG3490	0HA6981GL	0AGR58036	9LG3540	9LG3475	9LG30551	0HE6981GL	0HF6981C		LG3490
			4	31	38	65	72	99		106	
	LG3490	LG3490	9DKC4964	9DKC5783	9PR37D25	9AGRISTER	0AGR7584	9LG3490	9PR35F38		LG3490
			3	32	37	66	71	100		105	
Rep 1	LG3490	LG3490	0HF6981GL	0HE6981C	0HF0	0HE0	0HA0	9PR36K67	0HA6981C		LG3490
			2	33	36	67	70	101		104	
	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490			LG3490
			1	34	35	68	69	102		103	

CONFIDENTIAL VILMORIN & Cie											
Location Tamarite Espagne						2011S					
Parcela 2											
Efficiency	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	
			134	135	164	165	194	195	224		
Rep 3	LG3490	LG3490	OHA6981-S1-GY3	OHA6981-NT2	OHA6981-S1-GY2	OHA6981-NT1	OHA6981-NT3	OHA6981-S1-GY1	OHA6981-S1-CT1	LG3490	LG3490
			133	136	163	166	193	196	223		
NT	LG3490	LG3490	OHA6981-NT	OHA6981-NT	OHA6981-NT	OHA6981-NT	OHA6981-NT	OHA6981-NT	OHA6981-NT	LG3490	LG3490
			132	137	162	167	192	197	222		
Rep 2	LG3490	LG3490	OHA6981-NT1	OHA6981-NT3	OHA6981-S1-CT1	OHA6981-S1-GY2	OHA6981-NT2	OHA6981-S1-GY1	OHA6981-S1-GY3	LG3490	LG3490
			131	138	161	168	191	198	221		
NT	LG3490	LG3490	OHA6981-NT	OHA6981-NT	OHA6981-NT	OHA6981-NT	OHA6981-NT	OHA6981-NT	OHA6981-NT	LG3490	LG3490
			130	139	160	169	190	199	220		
Rep 1	LG3490	LG3490	OHA6981-S1-GY1	OHA6981-S1-GY2	OHA6981-S1-GY3	OHA6981-S1-CT1	OHA6981-NT3	OHA6981-NT1	OHA6981-NT2	LG3490	LG3490
			129	140	159	170	189	200	219		
	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490
			128	141	158	171	188	201	218		
	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490
			127	142	157	172	187	202	217		
Residu	LG3490	LG3490	HD6981 GL	HD6981 GL	HD6981 GL	HD6981 C	HD6981 C	HD6981 C	HD6981 C	LG3490	LG3490
			126	143	156	173	186	203	216		
	LG3490	LG3490	HD6981 GL	HD6981 GL	HD6981 GL	HD6981 C	HD6981 C	HD6981 C	HD6981 C	LG3490	LG3490
			125	144	155	174	185	204	215		
Selectivity	LG3490	LG3490	OHD6981-S1-GY1	OHD6981-S1-GY2	OHD6981-S2-GY1	OHD6981-S2-GY2	OHD6981-S-CT1	OHD6981-S-CT2	OHD6981-NT	LG3490	LG3490
			124	145	154	175	184	205	214		
	LG3490	LG3490	OHD6981-S2-GY2	OHD6981-S1-GY1	OHD6981-NT	OHD6981-S-CT2	OHD6981-S2-GY1	OHD6981-S1-GY2	OHD6981-S-CT1	LG3490	LG3490
			123	146	153	176	183	206	213		
	LG3490	LG3490	OHD6981-S-CT2	OHD6981-S2-GY1	OHD6981-S1-GY2	OHD6981-S-CT1	OHD6981-NT	OHD6981-S2-GY2	OHD6981-S1-GY1	LG3490	LG3490
			122	147	152	177	182	207	212		
	LG3490	LG3490	OHD6981-S2-GY2	OHD6981-S-CT1	OHD6981-S2-GY1	OHD6981-NT	OHD6981-S1-GY1	OHD6981-S-CT2	OHD6981-S1-GY2	LG3490	LG3490
			121	148	151	178	181	208	211		
	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490
			120	149	150	179	180	209	210		

“Selectivity” and “Testing of events” are yield trials.
 “Efficiency” is a trial about efficiency of the glyphosate. Residual is a study of herbicide residuals.
 The “Selectivity” trial is done in one transformation event VCO-Ø1981-5 (4 replications in two moments of the maize crop development).

The “Testing of events” is a trial of observation and yield measurement with the transformation event VCO-Ø1981-5 in 3 experimental varieties treated with conventional maize herbicides or with Gliphosate (5 replications).

“Efficiency” was made to check the efficacy of Gliphosate in the weeds (3 replications, different crop development stages, comparison with plots with no herbicide treatment NT or with conventional herbicide).

Plots with light green color are border rows of a conventional maize variety of the same cycle as the transgenic plants.

EJE DE LOS CABALLEROS:

CONFIDENTIAL VILMORIN & Cie											
Location Eje Espagne 2011S											
Selectivity	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	
			28	29	84	85	140	141	196		
	Résidu	HA6981	HA6981	HA6981	HA6981	HA6981	HA6981	HA6981	HA6981	LG3490	LG3490
			C	C	C	C	GL	GL	GL		
	Résidu	HA6981	HA6981	HA6981	HA6981	HA6981	HA6981	HA6981	HA6981	LG3490	LG3490
			C	C	C	C	GL	GL	GL		
	Rep 4	OHA69	OHA69	OHA69	OHA69	OHA69	OHA69	OHA69	OHA69	LG3490	LG3490
			81-S2-	81-S2-	1-NT	81-S1-	81-S-	81-S1-	81-S-		
			GY1	GY2	1-NT	GY1	CT1	GY2	CT2		
			25	32	81	88	137	144	193		
Rep 3	OHA69	OHA69	OHA69	OHA69	OHA69	OHA69	OHA69	OHA69	LG3490	LG3490	
		81-S-	81-S-	81-S1-	81-S2-	1-NT	81-S2-	81-S1-			
		CT2	CT1	GY1	GY1	1-NT	GY2	GY2			
		24	33	80	89	136	145	192			
Rep 2	OHA69	OHA69	OHA69	OHA69	OHA69	OHA69	OHA69	OHA69	LG3490	LG3490	
		81-S-	81-S-	81-S2-	81-S1-	81-S-	81-S1-	81-S2-			
		1-NT	1-NT	GY2	GY1	CT2	GY2	GY1			
		23	34	79	90	135	146	191			
Rep 1	OHA69	OHA69	OHA69	OHA69	OHA69	OHA69	OHA69	OHA69	LG3490	LG3490	
		81-S1-	81-S1-	81-S2-	81-S2-	81-S-	81-S-	1-NT			
		GY1	GY2	GY1	GY2	CT1	CT2	1-NT			
		22	35	78	91	134	147	190			
Tersting Events	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	
			21	36	77	92	133	148	189		
	Résidu	OHA0	OAGR580	9LG3055	OAGR758	9PR35F3	9AGRISTE	9PR36K6	9PR36K6	LG3490	LG3490
			20	37	76	93	132	149	188		
	Rep 5	OHE6981	9LG3540	OHE6981	9DKC496	9PR37D2	OHE6981	9LG3490	9LG3490	LG3490	LG3490
			19	38	75	94	131	150	187		
	Résidu	OHE0	OHA6981	9DKC578	OHE0	OHE6981	9LG3475	OHA6981	OHA6981	LG3490	LG3490
			18	39	74	95	130	151	186		
	Rep 4	OHE6981	OAGR580	OAGR758	9PR37D2	OHA0	9PR36K6	OHE6981	OHE6981	LG3490	LG3490
			17	40	73	96	129	152	185		
Rep 4	OHE6981	9DKC496	9DKC578	9AGRISTE	9LG3475	9LG3490	9LG3055	9LG3055	LG3490	LG3490	
		16	41	72	97	128	153	184			
Rep 4	9LG3540	OHA6981	OHE0	9PR35F3	OHE0	OHA6981	OHE6981	OHE6981	LG3490	LG3490	
		15	42	71	98	127	154	183			
Rep 3	9LG3055	OHA6981	OHE6981	OHE6981	9LG3475	OHE0	OHE6981	OHE6981	LG3490	LG3490	
		14	43	70	99	126	155	182			
Rep 3	9AGRISTE	OAGR758	9DKC496	9DKC578	OAGR580	OHE0	9PR35F3	9PR35F3	LG3490	LG3490	
		13	44	69	100	125	156	181			
Rep 3	9LG3490	OHE6981	9PR37D2	OHA0	OHA6981	9LG3540	9PR36K6	9PR36K6	LG3490	LG3490	
		12	45	68	101	124	157	180			
Rep 3	9LG3490	9PR35F3	9LG3540	9DKC578	9PR37D2	OAGR580	OHA6981	OHA6981	LG3490	LG3490	
		11	46	67	102	123	158	179			
Rep 2	OAGR758	OHA6981	9LG3475	9AGRISTE	OHA0	OHE6981	OHE6981	OHE6981	LG3490	LG3490	
		10	47	66	103	122	159	178			
Rep 2	OHE0	OHE6981	9LG3055	9PR36K6	9DKC496	OHE6981	OHE0	OHE0	LG3490	LG3490	
		9	48	65	104	121	160	177			
Rep 2	9LG3055	OHE0	9LG3490	9LG3540	OAGR758	OHE6981	9PR37D2	9PR37D2	LG3490	LG3490	
		8	49	64	105	120	161	176			
Rep 1	9LG3475	9PR35F3	9DKC496	OHE6981	OHE6981	9AGRISTE	OHE6981	OHE6981	LG3490	LG3490	
		7	50	63	106	119	162	175			
Rep 1	OAGR580	OHA0	OHA6981	9PR36K6	9DKC578	OHE0	OHA6981	OHA6981	LG3490	LG3490	
		6	51	62	107	118	163	174			
Efficiency	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	
			5	52	61	108	117	164	173		
	Rep 3	OHA69	OHA6981	OHA69	OHA69	OHA6981	OHA6981	OHA6981	OHA6981	LG3490	LG3490
			4	53	60	109	116	165	172		
	Rep 2	OHA6981	OHA69	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	LG3490	LG3490
			3	54	59	110	115	166	171		
	Rep 1	OHA69	OHA6981	OHA69	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	LG3490	LG3490
			2	55	58	111	114	167	170		
	Rep 1	OHA69	OHA6981	OHA69	OHA6981	OHA6981	OHA6981	OHA6981	OHA6981	LG3490	LG3490
			1	56	57	112	113	168	169		

“Testing of events” is a yield trial.

“Efficiency” is a trial about efficiency of the glyphosate.

The “Testing of events” is a trial of observation and yield measurement with the transformation event VCO-Ø1981-5 in 3 experimental varieties treated with conventional maize herbicides or with Gliphosate (5 replications).

“Efficiency” was made to check the efficacy of Glyphosate in the weeds (3 replications, different crop development stages, comparison with plots with no herbicide treatment NT or with conventional herbicide).

Plots with no color are border rows of a conventional maize variety of the same cycle as the transgenic plants.

MURUZABAL DE ANDION

CONFIDENTIAL VILMORIN & Cie

Location Andion Espagne 2011s

	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	
Efficiency			21	22	63	64	105	106	147			
Rep 3	LG3490	LG3490	OHA69 81-S1- CT1	OHA69 81-S1- NT1	OHA69 81-S1- GY3	OHA69 81-S1- GY2	OHA69 81-S1- NT3	OHA69 81-S1- GY1	OHA69 81-S1- NT2	LG3490	LG3490	
			20	23	62	65	104	107	146			
Rep 2	LG3490	LG3490	OHA69 81-S1- NT3	OHA69 81-S1- CT1	OHA69 81-S1- NT1	OHA69 81-S1- GY1	OHA69 81-S1- NT2	OHA69 81-S1- GY3		LG3490	LG3490	
			19	24	61	66	103	108	145			
Rep 1	LG3490	LG3490	OHA69 81-S1- GY1	OHA69 81-S1- NT1	OHA69 81-S1- GY2	OHA69 81-S1- GY3	OHA69 81-S1- NT2	OHA69 81-S1- CT1	OHA69 81-S1- NT3	LG3490	LG3490	
			18	25	60	67	102	109	144			
	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	
Testing Event			17	26	59	68	101	110	148			
	LG3490	LG3490	OHE69 81C	9PR36 K67	OHF69 81GL	OAGR7 584	OHA0	OAGR5 8036	OHE0	LG3490	LG3490	
			16	27	58	69	100	111	142			
	LG3490	LG3490	OHA69 81GL	9LG354 0	9AGRI STER	9PR37 D25	9DKC5 783	9PR35 F38	OHE69 81GL	LG3490	LG3490	
			15	28	57	70	99	112	141			
Rep 5	LG3490	LG3490	9LG347 5	OHA69 81C	OHF69 81C	9DKC4 964	9LG305 51	OHF0	9LG349 0	LG3490	LG3490	
			14	29	56	71	98	113	140			
	LG3490	LG3490	OHA0	9DKC5 783	OHA69 81C	9PR35 F38	9LG347 5	OHF0	OHE69 81C	LG3490	LG3490	
			13	30	55	72	97	114	139			
	LG3490	LG3490	OHF69 81C	9PR36 K67	9LG349 0	9DKC4 964	OHE69 81GL	9LG305 51	9AGRI STER	LG3490	LG3490	
			12	31	54	73	96	115	138			
Rep 4	LG3490	LG3490	OHA69 81GL	OHF69 81GL	9LG354 0	OAGR5 8036	OAGR7 584	9PR37 D25	OHE0	LG3490	LG3490	
			11	32	53	74	95	116	137			
	LG3490	LG3490	OHE69 81GL	OHF69 81C	OHA69 81GL	9LG354 0	OHE69 81C	OAGR5 8036	9DKC5 783	LG3490	LG3490	
			10	33	52	75	94	117	136			
	LG3490	LG3490	OHA0	9DKC4 964	9LG349 0	OAGR7 584	OHF69 81GL	9PR37 D25	9PR35 F38	LG3490	LG3490	
			9	34	51	76	93	118	135			
Rep 3	LG3490	LG3490	OHE0	9LG305 51	OHF0	9AGRI STER	9LG347 5	9PR36 K67	OHA69 81C	LG3490	LG3490	
			8	35	50	77	92	119	134			
	LG3490	LG3490	OHF69 81C	OHF0	9LG354 0	OHE69 81C	OHA69 81GL	9AGRI STER	9LG347 5	LG3490	LG3490	
			7	36	49	78	91	120	133			
	LG3490	LG3490	OHF69 81GL	9PR36 K67	9LG305 51	9PR35 F38	9DKC4 964	OHA0	OAGR5 8036	LG3490	LG3490	
			6	37	48	79	90	121	132			
Rep 2	LG3490	LG3490	OHE69 81GL	9PR37 D25	9LG349 0	9DKC5 783	OHA69 81C	OAGR7 584	OHE0	LG3490	LG3490	
			5	38	47	80	89	122	131			
	LG3490	LG3490	OHF69 81GL	9PR37 D25	9PR35 F38	9DKC5 783	9LG354 0	9DKC4 964	9PR36 K67	LG3490	LG3490	
			4	39	46	81	88	123	130			
	LG3490	LG3490	OHA0	OAGR5 8036	OHA69 81C	9LG349 0	9LG347 5	9AGRI STER	OHE69 81C	LG3490	LG3490	
			3	40	45	82	87	124	129			
Rep 1	LG3490	LG3490	OAGR7 584	OHF69 81C	OHF0	OHE0	OHE69 81GL	OHA69 81GL	9LG305 51	LG3490	LG3490	
			2	41	44	83	86	125	128			
	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	
			1	42	43	84	85	126	127			

“Testing of events” is a yield trial.

“Efficiency” is a trial about efficiency of the glyphosate.

The “Testing of events” is a trial of observation and yield measurement with the transformation event VCO-Ø1981-5 in 3 experimental varieties treated with conventional maize herbicides or with Glyphosate (5 replications).

“Efficiency” was made to check the efficacy of Glyphosate in the weeds (3 replications, different crop development stages, comparison with plots with no herbicide treatment NT or with conventional herbicide).

“Efficiency” is a trial about efficiency of the glyphosate. Residual is a study of herbicide residuals.

The “Selectivity” trial is done in one transformation event VCO-Ø1981-5 (4 replications in two moments of the maize crop development).

The “Testing of events” is a trial of observation and yield measurement with the transformation event VCO-Ø1981-5 in 3 experimental varieties treated with conventional maize herbicides or with Glipfhosate (5 replications).

“Efficiency” was made to check the efficacy of Gliphosate in the weeds (3 replications, different crop development stages, comparison with plots with no herbicide treatment NT or with conventional herbicide).

Plots with light green color are border rows of a conventional maize variety of the same cycle as the transgenic plants.

MONZÓN

CONFIDENTIAL VILMORIN & Cie									
Location Monzon Esp 2011S									
Herbicide selec	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490
			25	26	75	76	125	126	175
Résidu	LG3490	LG3490	HD6981 GL	HD6981 GL	HD6981 GL	HD6981C	HD6981C	HD6981C	HD6981C
			24	27	74	77	124	127	174
Résidu	LG3490	LG3490	HD6981 GL	HD6981 GL	HD6981 GL	HD6981C	HD6981C	HD6981C	HD6981C
			23	28	73	78	123	128	173
Rep 4	LG3490	LG3490	0HD6981- S1-GY1	0HD6981- S1-GY2	0HD6981- S2-GY1	0HD6981- S2-GY2	0HD6981- S-CT1	0HD6981- S-CT2	0HD6981- NT
			22	29	72	79	122	129	172
Rep 3	LG3490	LG3490	0HD6981- S2-GY2	0HD6981- S1-GY1	0HD6981- NT	0HD6981- S-CT2	0HD6981- S2-GY1	0HD6981- S1-GY2	0HD6981- S-CT1
			21	30	71	80	121	130	171
Rep 2	LG3490	LG3490	0HD6981- S-CT2	0HD6981- S2-GY1	0HD6981- S1-GY2	0HD6981- S-CT1	0HD6981- NT	0HD6981- S2-GY2	0HD6981- S1-GY1
			20	31	70	81	120	131	170
Rep 1	LG3490	LG3490	0HD6981- S2-GY2	0HD6981- S-CT1	0HD6981- S2-GY1	0HD6981- NT	0HD6981- S1-GY1	0HD6981- S-CT2	0HD6981- S1-GY2
			19	32	69	82	119	132	169
	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490
			18	33	68	83	118	133	168
	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490
			17	34	67	84	117	134	167
Testing Events	LG3490	LG3490	0HA6981 GL	9LG30551	0HF6981G L	0HE6981G L	9AGRIST ER	9LG3540	9LG3475
			16	35	66	85	116	135	166
	LG3490	LG3490	9PR37D2 5	0HE6981C	9DKC496 4	0AGR580 36	0HF0	0HE0	0AGR758 4
			15	36	65	86	115	136	165
Rep 5	LG3490	LG3490	0HA0	9DKC578 3	9PR35F3 8	0HF6981C	0HA6981 C	9PR36K6 7	9LG3490
			14	37	64	87	114	137	164
	LG3490	LG3490	9LG3490	0HF6981G L	0AGR580 36	0HE6981G L	9LG3540	9PR35F3 8	0HE6981C
			13	38	63	88	113	138	163
	LG3490	LG3490	0HA6981 C	0AGR758 4	0HF0	0HA0	9LG3475	9DKC578 3	9PR37D2 5
			12	39	62	89	112	139	162
Rep 4	LG3490	LG3490	0HE0	9DKC496 4	0HF6981C	0HA6981 GL	9AGRIST ER	9PR36K6 7	9LG30551
			11	40	61	90	111	140	161
	LG3490	LG3490	0HE6981C	9LG3475	0HF6981C	0HA0	9DKC578 3	0AGR580 36	9PR36K6 7
			10	41	60	91	110	141	160
	LG3490	LG3490	0AGR758 4	0HA6981 GL	9LG3490	9PR37D2 5	0HE6981G L	9PR35F3 8	0HF0
			9	42	59	92	109	142	159
Rep 3	LG3490	LG3490	9DKC496 4	9LG3540	0HF6981G L	0HE0	9LG30551	0HA6981 C	9AGRIST ER
			8	43	58	93	108	143	158
	LG3490	LG3490	9LG3490	0HF6981G L	9DKC578 3	9LG30551	0HA0	0HF6981C	0HA6981 GL
			7	44	57	94	107	144	157
	LG3490	LG3490	9PR37D2 5	0HF0	0AGR580 36	9LG3540	0HE0	0AGR758 4	9PR35F3 8
			6	45	56	95	106	145	156
Rep 2	LG3490	LG3490	0HA6981 C	9LG3475	0HE6981G L	9PR36K6 7	0HE6981C	9DKC496 4	9AGRIST ER
			5	46	55	96	105	146	155
	LG3490	LG3490	9LG3475	0HE0	0HA0	0HF6981G L	0HA6981 C	9PR35F3 8	9LG30551
			4	47	54	97	104	147	154
	LG3490	LG3490	9PR37D2 5	0HF0	9DKC578 3	9PR36K6 7	0AGR758 4	9LG3490	0AGR580 36
			3	48	53	98	103	148	153
Rep 1	LG3490	LG3490	9DKC496 4	0HE6981G L	0HE6981C	9LG3540	9AGRIST ER	0HA6981 GL	0HF6981C
			2	49	52	99	102	149	152
	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490	LG3490
			1	50	51	100	101	150	151

“Testing of events” is a yield trial.

“Efficiency” is a trial about efficiency of the glyphosate.

The “Testing of events” is a trial of observation and yield measurement with the transformation event VCO-Ø1981-5 in 3 experimental varieties treated with conventional maize herbicides or with Gliphosate (5 replications).

“Efficiency” was made to check the efficacy of Gliphosate in the weeds (3 replications, different crop development stages, comparison with plots with no herbicide treatment NT or with conventional herbicide).

Plots with no color are border rows of a conventional maize variety of the same cycle as the transgenic plants.

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.
- Agronomic performances (e.g. efficiency/selectivity of plant protection product, yield capacity, ~~germination capacity~~, crop establishment, plant vigour, 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)

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

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.

- 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

- 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 envelops of 100 seeds, each envelop labeled with the corresponding transformation event code VCO-Ø1981-5 and the name of the experimental variety.
- 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 envelops 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
Murillo el Cuende: cereal.
Muruzábal de Andiön cereal
Écija: cereal
Tamarite: cereal
Monzón: maíz.
- 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 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: 384 m from maize**
 - **Murillo el Cuende: 800 m from maize**
 - **Muruzábal de Andi6n 620 m from maize**
 - **6cija: more tan 2 km from any other maize**
 - **Tamarite: 320 m from maize**
 - **Monz6n: 400 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 labelled 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 due to be sown in December 2011

Murillo el Cuende: cereal.

Muruzábal de Andión, cereal

Écija: cereal

Tamarite: cereal

Monzón: 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 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).

⁴ Summary notification information format (=SNIF)

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.

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

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 29 noviembre de 2011.**

Enrique Sánchez-Monge