Appendix 2.	MON 810 Farmer Questionnaire: 2014

## EuropaBio Monitoring WG Farmer Questionnaire

Product: insect protected YieldGard® maize

Farmer personal and	id confidential data
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Name of farmer:				 
Address of farmer:				 
City:				 
Postal code:				 
Name of interviewer:				 
Date of interview (DD	/ MM / YYYY)·	1	/	

The personal data of the farmer will be handled in accordance with applicable data protection legislation. The personal data of the farmers may be used for the purpose of interviews necessary for the survey if the farmers have authorised this use as per the data protection legislation.

The questionnaires will be encoded to protect farmers' identity in the survey and confidentiality agreements will be put in place between the different parties (i.e. authorisation holders, licensees, interviewers and analyst) to further enforce this. The identity of a farmer will only be revealed to the authorisation holders if an adverse effect linked to their trait has been identified and needs to be investigated.

Furthermore, the agreements between the different parties will also ensure that any information collected in the questionnaires will not be improperly shared or used.

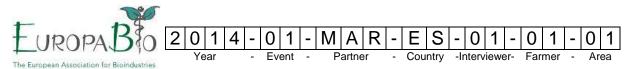
<sup>®</sup> Registered trademark of Monsanto Technology LLC.

Code: Year		Event DD	Partner		Country 🔲 🗌	Interviewer	
		Area 🗀 🗀					
Coding expla	anatio	าร:					
2 0 1 Year	3	- 0 1 - M	Partner <sup>1</sup>	E S Country	- 0 1 -	0 1 - Farmer	0 1 Y Area
			Code	Code	Code	Code	Code
Codes:							
Event:	01 02	MON 810					
Partner <sup>6</sup> :	MAR	Monsanto Markin Agro.Ges					
Country:	ES PT RO 	Spain Portugal Romania					
Interviewer <sup>7</sup>	:01 A 02 B 03						
Farmer: incr	ement	al counter within the	interviewer				
Area: increm	nental	counter within the fa	rmer				

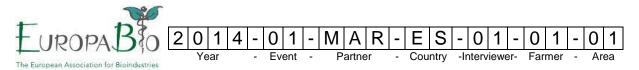
<sup>&</sup>lt;sup>6</sup> Partner is the organization that implements the survey <sup>7</sup> Interviewer is the employee from the Partner that is contacting the farmers

1 Maize grown area
1.1 Location:
Country:
County:
1.2 Surrounding environment:
Which of the following would best describe the land usage in the surrounding of the areas planted with YieldGard® maize
O Farmland
O Forest or wild habitat O Residential or industrial
1.3 Size and number of fields of the maize cultivated area:
Total area of all maize cultivated on farm (ha)
Total area of YieldGard® maize cultivated on farm (ha)
Number of fields cultivated with YieldGard® maize
1.4 Maize varieties grown:
List up to five YieldGard <sup>®</sup> maize varieties planted this season:
1
2
3
4
5
List up to five conventional varieties planted this season:
1
2
3
4
5
Are you growing any other GM maize varieties this season? <sup>8</sup>
O Yes O No

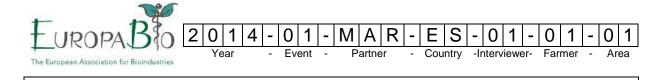
<sup>8</sup> Note: This question does not need to be asked in the 2013 season.



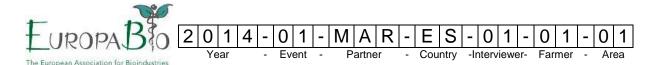
1.5	Soil characteristics of the maize grown area:							
Mark	the predominant soil type of the maize grown area (soil texture):							
	O very fine (clay)							
	O very fine (clay) O fine (clay, sandy clay, silty clay) O medium (sandy clay loam, clay loam, sandy silt) O medium-fine (silty clay loam, silt loam)loam) O coarse (sand, loamy sand, sandy loam) O no predominant soil type (too variable across the maize grown area on the farm) O I do not know							
Char	racterize soil quality of the maize grown area (fertility):							
	O below average - poor O average - normal O above average -good							
Orga	anic carbon content (%)							
1.6	Local pest and disease pressure in maize:							
Char	racterize this season's general pest pressure on the maize cultivated area:							
	Diseases (fungal, viral) O Low O As usual O High Pests (insects, mites, nematodes) O Low O As usual O High Weeds O Low O As usual O High							
2 Ty	ypical agronomic practices to grow maize on your farm							
2.1	Irrigation of maize grown area:							
	O Yes O No							
If yes	s, which type of irrigation technique do you apply:							
	O Gravity O Sprinkler O Pivot O Other							
2.2	Major rotation of the maize grown area:							
	previous year: two years ago:							
2.3	Soil tillage practices:							
	O No O Yes (mark the time of tillage: O Winter O Spring)							
2.4	Maize planting technique:							
	O Conventional planting O Mulch O Direct sowing							



2.5	Mark all typical weed ar	nd pest control practices in maize at your farm:
	O Herbicide(s)	
	O Insecticide(s) If box checked, do y	ou treat against maize borers? O Yes O No
		trol tments (e.g. Trichogramma)
2.6	Application of fertilizer	to maize grown area:
	O Yes O No	
2.7	Typical time of maize s	owing range (DD:MM – DD:MM):
2.8	Typical time of maize h	arvest range (DD:MM – DD:MM):
	Grain maize: Forage maize:	
3 O	Observations of YieldGard	d® maize
3.1	Agricultural practices in maize)	n YieldGard® maize (compared to conventional
conv		ral practices in YieldGard <sup>®</sup> maize compared to the answers is different from «As usual», please
	w did you perform your crop nventional maize?	o rotate for YieldGard <sup>®</sup> maize compared with
	O As usual O Chang	ged, because ( describe the rotation):
Did	Lyou plant VioldCard® maiz	e earlier or later than conventional maize?
Dia y	•	
	O As usual O Earlier	O Later, because:
Did y maiz		e or maize planting techniques to plant YieldGard <sup>®</sup>
	O As usual O Chang	ged, because:



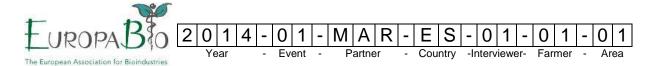
Full commerci seed treatmer		secticides you applied in YieldGard® maize field, including	
1			
2			
4			
Full commerci	al name of he	erbicides you applied in YieldGard <sup>®</sup> maize field:	
1 2 3		ngicides you applied in YieldGard <sup>®</sup> maize field:	
In 2013, how compared to d		d and pest control practices in YieldGard <sup>®</sup> maize when naize?	
Insecticides	: O Similar	O Different, because:	
Herbicides:	O Similar	O Different, because:	
Fungicides	O Similar	O Different, because:	
In 2013, did yo compared to o		aize borer control practices in YieldGard <sup>®</sup> maize when naize?	
O Simila	r O Cha	anged, because:	
In 2013, how compared to compared		zer application practices in YieldGard <sup>®</sup> maize when naize?	
O Simila	r O Cha	anged, because:	



	O Similar O Ch	nange	ed, because	o:	
Did y	you harvest YieldGard	® ma	ize earlier o	r later than conventior	nal maize?
	O Similar O Earlie	er	O Later	Because:	
3.2	Characteristics of Y conventional maize		Gard® maiz	ze in the field (compa	red to
	Germination vigour	0	As usual	O More vigourous	O Less vigourous
	Time to emergence	0	As usual	O Accelerated	O Delayed
	Time to male flowering	ıg O	As usual	O Accelerated	O Delayed
	Plant growth and development	0	As usual	O Accelerated	O Delayed
	Incidence of stalk/roo lodging		As usual	O More often	O Less often
	Time to maturity	0	As usual	O Accelerated	O Delayed
	Yield	0	As usual	O Higher yield	O Lower yield
	Occurrence of volunt from previous year planting (if relevant)		As usual	O More often	O Less often
: a	ny of the answers	abov	/e is diffe	rent from «As usua	al», please specify:
lea	se detail any additior ze during its growth:	nal ui	nusual obse	ervations regarding th	e YieldGard <sup>®</sup> maize

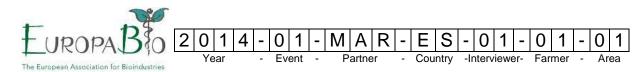
3.3	Characterise the conventional mai		naize sus	ceptibility t	o disease	e (compared to
	rall assessment of d ventional maize (fun			YieldGard <sup>®</sup> ।	maize con	npared to
	O As usual	O More susce	eptible <sup>9</sup>	O Less sus	ceptible4	
	e above answer is d ase susceptibility in					ifference in
	<ol> <li>Fusarium spp</li> <li>Ustilago mayo</li> <li>xxx</li> <li>xxx</li> <li>xxx</li> <li>xxx</li> <li>0ther:</li> </ol>	lis = U. zeae		(	O More	O Less O Less O Less
Add	itional comments:					
	Characterise the compared to continue two insects continues on:	ventional ma	aize)			
On varie	(compared to continue two insects co	ntrolled by Y	<b>aize)</b> ′ieldGard <sup>®</sup>			
On varie	the two insects coeties on:  L. European corn bo	ntrolled by Y	<b>rize)</b> ′ieldGard <sup>®</sup> nubilalis):	maize, ov	erall effic	
On varie	the two insects coeties on:  L. European corn bo	ontrolled by Yorer (Ostrinia r	<b>rize)</b> ′ieldGard <sup>®</sup> nubilalis):	maize, ov	erall effic	
On varie	the two insects coefficies on:  European corn bo O Very good Pink borer (Sesai	ontrolled by Yorer (Ostrinia r	rize) YieldGard <sup>®</sup> nubilalis): O Wea	maize, ov	rerall effic	
On varie 1	the two insects coefficies on:  European corn bo O Very good Pink borer (Sesai	ontrolled by Your (Ostrinia roog Good mia spp):  O Good	rize) TieldGard <sup>®</sup> nubilalis): O Wea	maize, ov k O Doi	rerall effic n't Know n't Know	acy of the GM
On varie 1	the two insects contents on:  L. European corn book O Very good Pink borer (Sesai	ontrolled by Your (Ostrinia roog Good mia spp):  O Good	rize) TieldGard <sup>®</sup> nubilalis): O Wea	maize, ov k O Doi	rerall effic n't Know n't Know	acy of the GM
On varie 1	the two insects contents on:  L. European corn book O Very good Pink borer (Sesai	ontrolled by Your (Ostrinia roog Good mia spp):  O Good	rize) TieldGard <sup>®</sup> nubilalis): O Wea	maize, ov k O Doi	rerall effic n't Know n't Know	acy of the GM
On varie 1	the two insects contents on:  L. European corn book O Very good Pink borer (Sesai	ontrolled by Your (Ostrinia rook Good mia spp):  O Good  O Good  O Good	rize)  rieldGard®  nubilalis):  O Wea  O Wea	maize, ov	rerall effic	acy of the GM
On varied Add	the two insects coefficies on:  Description:  Characterise to continuo on the two insects on:  Overy good  Characterise the	ontrolled by Your (Ostrinia rook Good mia spp):  O Good  YieldGard® nompared to comentioned about the speciment of the specim	rize) rieldGard® riubilalis): O Wea O Wea maize sus	maize, ov k O Dor k O Dor ceptibility tal maize)	rerall efficient of pest series	eacy of the GM

<sup>&</sup>lt;sup>9</sup> More susceptible than conventional maize or <u>Less susceptible</u> than conventional maize



Jccl	rrence of insects (arthropods):  O As usual O More O Less O	Do not know	
Yield	eral impression of the occurrence of wildlife (inse Gard® maize compared to conventional maize fi		nmals) in
3.7	Occurrence of wildlife in YieldGard® maize to conventional maize)	fields (compared to	0
Yield	there any unusual observations regarding the c Gard <sup>®</sup> maize?		S III
			- i
1.			
_ist t	he three most abundant weeds in your YieldGar	d <sup>®</sup> maize field:	
	O As usual O More weeds O Less	weeds	
	all assessment of the weed pressure in YieldGa entional maize:	rd <sup>®</sup> maize compare	d to
3.6	Characterise the weed pressure in YieldGard conventional maize)	d® maize fields (co	ompared to
Addit	ional comments:		
5.		O More	O Less
		O More	O Less
		O More	O Less
		O More	O Less
		O More	O Less

Occurrence of birds:	
O As usual O More O Less O Do not know	
If the answer above is «More» or «Less», please specify your observation:	
Occurrence of mammals:	
O As usual O More O Less O Do not know	
If the answer above is «More» or «Less», please specify your observation:	
3.8 Feed use of YieldGard® maize (if previous year experience with this even	nt)
Did you use the YieldGard® maize harvest for animal feed on your farm?	
O Yes O No	
If "Yes", please give your general impression of the performance of the animals YieldGard® maize compared to animals fed conventional maize.	fed
O As usual O Different O Do not know	
If the answer above is «Different», please specify your observati	on:
	_
	_
2.0. Any additional remarks or absorvations to a from fields planted with	
3.9 Any additional remarks or observations [e.g. from fields planted with event xxxx that were not selected for the survey]	
	_
	_



4 Im	nplementation of Bt-maize specific measures
4.1	Have you been informed on good agricultural practices for YieldGard®
	maize?
	O Yes O No
Only	if you answered "Yes", would you evaluate these technical sessions as:
	O Very useful O Useful O Not useful
4.2	Seed
	the seed bag labelled with accompanying specific documentation indicating the product is genetically modified maize YieldGard <sup>®</sup> maize?
	O Yes O No
Did you comply with the label recommendations on seed bags?	
	O Yes O No, because:
4.3	Prevention of insect resistance
Did y	ou plant a refuge in accordance to the technical guidelines?
	O Yes O No, because the surface of YieldGard® maize planted on the farm is < 5 ha O No, because