## GMO Survey

\* Required

1.	E-mail address. By submitting your email, you allow us to contact you once about the results of this survey (optional)
2.	What is your gender? *
	Mark only one oval.
	Female
	Male
	Other
	Prefer not to say
3.	What is your age? *
	Mark only one oval.
	Under 12
	13-17
	18-24
	25-34
	35-44
	45-54
	55-64
	65-74
	75 or older
4.	What country are you from? *

5.	What is the highest eduation level you have completed? *									
	Mark only one oval.									
	No schooling completed  Basic elementary school  Some high school, no diploma  High school diploma  Trade/technical/vocational school  University: Bachelor's degree  University: Master's degree  Doctorate  Other:									
6.	Are you currently doing or have you finished a biology-related study (e.g. Biology, Life Science and Technology, Biomedical/Pharmaceutical Sciences etc.) *  Mark only one oval.  Yes  No  Other:									
7.	Have you heard of biosafety and biocontainment of genetically modified organisms (GMOs)? *  Mark only one oval.  Yes  No									

	Tele New Gov Soci	vision vspapers ernment ial media entific literature ks nds and family
	Other:	
9.	Check al  Tele  New  Gov  Soci	sources do you think contain trust-worthy information about GMOs?  I that apply.  vision  vspapers  ernment  ial media entific literature  ks  nds and family
	oout MOs	With current technology, it is possible to modify the DNA of living organisms. These modified organisms are called genetically modified organisms (GMOs). GMOs have the potential to solve many of the major problems of our time. Food security, climate change, plastic pollution, nitrogen fixation; all can potentially be solved with GMO's. Many of these potential breakthroughs, however, do not make it to the real world. The safe release of the GMOs can, namely, respectively. Proving the biosafety and biocontainment possibilities of the GMO are necessary, since the GMO coube harmful to other organisms or spread easily around the world. The GMO should be safe and unspreadable, as that could harm the natural balance in the ecosystem and/or health of animals and humans.
10.	Mark o	mportant do you think biosafety and biocontainment is?  only one oval.  think it is very important to prevent outbreaks of GMOs regardless of the possible benefits.
		think it depends on the application as the GMO benefits could outweigh the risks.  think it is not very important as they are not that dangerous.  Other:

From which sources do you obtain the majority of your information about GMOs?

	What statement fits best with your view on the biosafety regulations?							
	Mark only one oval.							
	I think the biosafety regulations should inhibit all possible risks, so should be very strict on what gets approved							
	I think the biosafety regulations should allow as much research as possible without allowing the risks to become too high, so the regulations should become a bit less strict							
	I think the biosafety regulations should be more lenient to not restrict research, so the regulations should become a lot less strict							
	I think the biosafety regulations are not necessary, scientists can determine themselves what research is to risky							
	Other:							
	Could you elaborate on your standpoint in regards to the current biosafety and biocontainment regulations?							
	If scientists would show that the biosafety and biocontainment of a GMO is feasible, would you trus that the application of GMOs outside of a lab environment is safe?  Mark only one oval.							
	Yes, I do not think there are any risks with the application of GMOs							
	Yes, I think we can mitigate the risk enough with the current developed biocontainment systems							
	No, the current biocontainment systems are not sufficient to guarantee the safety							
	No, the application of GMOs outside of the lab will always be dangerous							
	I do not know enough about this subject to judge this							

14.	•	the concerns and the objections that you personally have with the application of the lab environment?											
15.													
	compared to a tra	Considering a GMO-derived product (which is proven to be biosafe) with more benefits, when compared to a traditional product, which one would you choose? For example, GMO foods are more nutritious, tastier, grow faster, need less pesticides and could possibly have more benefits.											
		GMO-derived food products because they enhance the product's outcome and are therefore more cost-											
	GMO-derived food products because they are more nutritious, tastier and have less pesticides on them.												
	I have no clea	r preference.											
	Traditional fo	od products because I think it is safer											
	Traditional fo	od products because I do not think GMOs are beneficial in any way											
	Other:												
-	oinion on risk pects of GMOs	Can you tell us your opinion on the following statements surrounding the risk aspects of GMOs using the scale. 1 means absolutely not true, while 10 means absolutely true.											
16.	I think GMOs are dangerous because they are unnatural												
	Mark only one oval.												
		1 2 3 4 5 6 7 8 9 10											
	Absolutely not true	Absolutely true											

	1	2	3	4	5	6	7	8	9	10	
Absolutely not true											Absolu
I think GMOs are c	danger	ous be	cause	I am ur	nfamilia	ar with	it				
Mark only one oval.											
	1	2	3	4	5	6	7	8	9	10	
Absolutely not true											Absolu
I think GMOs are o	danger	ous be	cause	they ar	e too p	oowerf	ul				
Mark only one oval.											
	1	2	3	4	5	6	7	8	9	10	
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			cause	they ca	an harr	n the n	atural	ecosys	tems		Absolu
I think GMOs are o	danger	rous be							tems	10	
l think GMOs are c			cause	they ca	an harr	n the n	atural	ecosys	tems		
I think GMOs are o			cause	they ca	an harr	n the n	atural	ecosys	tems		
I think GMOs are o	1	2	cause	they ca	an harr	n the n	atural o	ecosys  8	tems 9		
I think GMOs are of the Mark only one oval.  Absolutely not true	1	2	cause	they ca	an harr	n the n	atural o	ecosys  8	tems 9		
I think GMOs are of Mark only one oval.  Absolutely not true	1	2	cause	they ca	an harr	n the n	atural o	ecosys  8	tems 9		Absolu

I think GMOs are dangerous because the techniques are too new

	Mark only	one oval.											
			1	2	3	4	5	6	7	8	9	10	
	Absolutel	y not true											Absolutely true
23.	I think GI	MOs are c	danger	ous be	cause	they ca	an be r	nisuse	d				
	Mark only	one oval.											
			1	2	3	4	5	6	7	8	9	10	
	Absolutel	v not true											Absolutely true
	Absolutei	y not true											Absolutely true
24.	I think GI	MOs are c	danger	ous be	cause	of ethi	cal cor	ncerns	on gen	etic m	odifica	tion of	living organism
	Mark only	one oval.											
			1	2	3	4	5	6	7	8	9	10	
	Absolutel	y not true											Absolutely true
25.	I think GI	MOs are c	danger	ous be	cause	of my i	religiou	ıs belie	efs				
	Mark only	one oval.											
			1	2	3	4	5	6	7	8	9	10	
	Absolutel	y not true											Absolutely true
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			niversity	in the N	etherland	ds and te	am M <b>I</b> T_	MAHE id	SEM from	the Mar	nipal Acad		M team Leiden fron Higher Education in
Rio	safety												ould potentially
	GMOs	real world	d prob <b>l</b> ei	ms they a	are desig	ned for.	To ensur	e the saf	fety and p	prevent tl	ne spread	d of the g	e utilized to solve the enetically modified
		natural b	acteria f	rom takiı	ng up the	genetic	ally mod	ified mat	eria <b>l</b> and	lock the	GMO in a		ecifically inhibit place. These two
		features	ensure D	our the (	jenetic II	iateriai a	nu tile G	wio itsel	caillot	yo aliywi	nere.		

I think GMOs are dangerous because I don't trust scientists

26.	Are you more inclined to support the application of GMOs with the knowledge of our developed system? $^{\star}$									
	Mark only one oval.									
	Yes									
	◯ No									
	Not sure									
	Other:									
27.	What additional information or evidence would convince you that the application of GMOs could be safe in the future?  Mark only one oval.									
	Show that the biosafety and containment strategy works in the lab as proposed.									
	Show long term effects in the laboratorium.									
	Show long term effects in a contained space outside of the laboratorium.									
	Show long term effects outside of a contained space.									
	I cannot be convinced to let GMOs out of the laboratorium.  Other:									
28.	What concerns do you have about the application of GMOs?									
	Mark only one oval.									
	I think GMOs are dangerous and should stay in the laboratorium									
	I think there are other solutions possible so GMO solutions are not needed									
	I have no concerns about applying GMOs for problems outside of the laboratorium  Other:									

29.	What o	concerns do you still have about the biocontainment system DOPL LOCK we propose?							
	Mark c	only one oval.							
	I don't believe this system will make GMOs safe because it will remain genetically modified								
		don´t believe this system will prevent the GMO from spreading							
		This system will make the GMO more dangerous, as more genetic modification is needed							
		have no concerns about the proposed biocontainment system DOPL LOCK, I believe this could make the se of GMOs safer							
		Other:							
30.	biocor  Mark c	u (still) think the application of GMOs will always be dangerous, regardless of a developed intainment strategy?  Sonly one oval.  Yes							
	Not sure								
GN and foo		Team MIT_MAHE works on the project Cell-tinel, which aims to curb the problem of stem borers (a pest) in rice by using a novel approach! This problem is a huge one because it can't be solved by traditional means, and would require another approach that can avoid genetically modifying the plant. We intend to use a bacterial delivery system for the cr toxin to promote overall immunity of the plant. If we succeed, we might be able to improve yields in our country India, which is primarily agrarian and boost its growth!							
31.	•	u think the GMO - induced rice crop could retain a significant amount of characteristics of a ntional rice crop?							
	Mark c	only one oval.							
	$\bigcirc$	⁄es							
		No							

32.	What do you think of having farmers implementing the aid of GMOs to help grow the plant rather the modifying the plant itself?
	Mark only one oval.
	It's better than modifying the plant
	It's the same as modifying the plant
	It's worse than modifying the plant
	Other:
33.	What do you think could be a potential alternative to prevent the spread of GMO's (plant or bacterial when compared to our solution?
	Mark only one oval.
	Organic pesticides
	Regular pesticides
	Transgenic crops
	Other:
34.	Would you consider using safety mechanisms such as the DOPL LOCK in our delivery system to mak it sufficiently biosafe for application in the real world?  Mark only one oval.  Yes  No
Tha	ank you so much for taking the time to fill in the survey!
35.	Would you like to potentially join us in a discussion about the safety of GMOs?
	Mark only one oval.
	Yes
	○ No