 ALLIANCE OF NEW YORK STATE YMCAs YOUTH AND GOVERNMENT Legislative Bill	ASSEMBLY Bill # 5						
	Referred to Committee: A						
Authors: Jason Schwartz, Emma Piccirillo	Action on the Bill <table style="width: 100%;"> <tr> <td style="width: 50%; text-align: center;">House</td> <td style="width: 50%; text-align: center;">Senate</td> </tr> <tr> <td style="text-align: center;">___ <input type="checkbox"/> Passed</td> <td style="text-align: center;">___ <input type="checkbox"/> Passed</td> </tr> <tr> <td style="text-align: center;">___ <input type="checkbox"/> Defeated</td> <td style="text-align: center;">___ <input type="checkbox"/> Defeated</td> </tr> </table>	House	Senate	___ <input type="checkbox"/> Passed	___ <input type="checkbox"/> Passed	___ <input type="checkbox"/> Defeated	___ <input type="checkbox"/> Defeated
House		Senate					
___ <input type="checkbox"/> Passed		___ <input type="checkbox"/> Passed					
___ <input type="checkbox"/> Defeated	___ <input type="checkbox"/> Defeated						
School: Maple Avenue							
WWW.YMCANYS.ORG/YAG							

1 AN ACT TO : Require a label to be placed on all genetically modified products.

2
3 ***The People of the State of New York, represented in the Senate***
4 ***and Assembly, do enact as follows:***

5
6 **PURPOSE:** We initiate this bill as a way to inform GMO consumers and provide them the right to
7 know what is in their food. This will ensure the health and safety of consumers and demote the
8 distribution of GMOs throughout New York State.

9
10 **SUMMARY OF PROVISIONS :**

11 Section 1:

12 GMO: Genetically Modified Organism.

13 GMC: Genetically Modified Crop.

14 GM: Genetically Modified.

15 Genetically Modified Organism: A genetically modified organism is any organism whose genetic
16 material has been altered using genetic engineering techniques.

17 Genetically Modified Crop: A genetically modified crop is any plant whose genetic material has
18 been altered using genetic engineering techniques.

19 NLM: United States National Library of Medicine.

20 IRT: Institute for Responsible Technologies.

21 AAEM: American Academy of Environmental Medicines.

22 UNICAEN: University of Caen Normandy.

23 IU: University of Indiana.

24 CDC: Center for Disease Control.

25 NYS DAM: New York State Department of Agriculture and Markets.

26 Section 2:

27 a) All GMO and GMC products being sold and distributed in New York State must have a label.


28 b) The label must take up 10 percent of the product's packaging and must use 12-point font or
29 larger. It must be on the front of the packaging and it must be conspicuous.

30 c) The label must warn about the following health risks:

31 • This product was created with genetically modified materials.

32 • This product has direct links to cancerous materials.

33 • This product was made in a manner subject to the breeding of illness.

 ALLIANCE OF NEW YORK STATE YMCAs YOUTH AND GOVERNMENT Legislative Bill	ASSEMBLY Bill # 5						
	Referred to Committee: A						
Authors: Jason Schwartz, Emma Piccirillo	Action on the Bill <table style="width: 100%;"> <tr> <td style="width: 50%; text-align: center;">House</td> <td style="width: 50%; text-align: center;">Senate</td> </tr> <tr> <td style="text-align: center;">___ <input type="checkbox"/> Passed</td> <td style="text-align: center;">___ <input type="checkbox"/> Passed</td> </tr> <tr> <td style="text-align: center;">___ <input type="checkbox"/> Defeated</td> <td style="text-align: center;">___ <input type="checkbox"/> Defeated</td> </tr> </table>	House	Senate	___ <input type="checkbox"/> Passed	___ <input type="checkbox"/> Passed	___ <input type="checkbox"/> Defeated	___ <input type="checkbox"/> Defeated
House		Senate					
___ <input type="checkbox"/> Passed		___ <input type="checkbox"/> Passed					
___ <input type="checkbox"/> Defeated	___ <input type="checkbox"/> Defeated						
School: Maple Avenue							
WWW.YMCANYS.ORG/YAG							


1 **JUSTIFICATION:** GMOs and GMCs have consistently been proved as a flawed process that breeds
2 disease and illness. Some people still prefer GMOs and GMCs however, because they are a cheaper
3 option to non-GM meat, fruits, and vegetables. There are currently 64 countries, including China,
4 Russia, Australia, and the European Union, that require GMOs to be labeled and provide citizens
5 the right to know what is in their foods. New York State however, along with the rest of the
6 United States, does not require GMO labeling even with 80 percent of our state's processed foods
7 being GM.

8 According to the NLM, GMOs have been directly linked to cancer with the chemical Glyphosate.
9 Glyphosate induces human breast cancer cell's growth. CBS News has directly linked GMCs to
10 cancer with the chemical Roundup. This chemical has direct links to cancerous materials. A study
11 conducted by IU ultimately stated that GM corn's insecticidal toxins leaked into nearby water
12 bodies which infested the water and lowered growth of caddis flies, which fish feed off of.

13
14 A study conducted by UNICAEN showed how rats gained massive tumors after fed GM maize and
15 Roundup. The UNICAEN study also showed us the 60 percent of the rats who ate GMOs and GMCs
16 suffering premature death compared to 25 percent of rats who ate non-GMOs and non-GMCs
17 suffering pre-mature death. Independent Science News reported that GM crops in one study
18 contained higher levels of glyphosate than non-GM crops or organic crops. According to The IRT,
19 Roundup herbicide has been shown to cause birth defects in amphibians, embryonic deaths,
20 infertility in animals and organ damage in animals. They also stated that GMOs are unhealthy
21 because once they are in your body, the material will stay in your body. In a study conducted by
22 the IRT, toxic insecticides were found in the blood of an unborn fetus of a woman who previously
23 consumed GMOs and GMCs. The AAEM, strongly urges doctors to prescribe their patients non-GM
24 diets.

25
26 GMOs were popularized and spread in the 1990s. The CDC reports how 1 of 20 children
27 developed food allergies since 1990, which is parallel to the rapid growth and spread of GM food
28 processing techniques. Autism rates in children also spiked up to 1 in 54 boys parallel to that time
29 period, according to the Pediatrics' Journal. Arden Anderson, MD PhD, MPH, supports the claim of
30 autism rates rising due to GMOs and GMCs.

31
32 In 2015, an ABC News poll stated that 93 percent of Americans believe GMOs and GMCs should
33 be labeled. In 2011, an MSNBC poll stated that 96 percent of 45,000 people want GMOs and

 ALLIANCE OF NEW YORK STATE YMCAs YOUTH AND GOVERNMENT Legislative Bill	ASSEMBLY Bill # 5						
	Referred to Committee: A						
Authors: Jason Schwartz, Emma Piccirillo	Action on the Bill <table> <tr> <td>House</td> <td>Senate</td> </tr> <tr> <td>___ <input type="checkbox"/> Passed</td> <td>___ <input type="checkbox"/> Passed</td> </tr> <tr> <td>___ <input type="checkbox"/> Defeated</td> <td>___ <input type="checkbox"/> Defeated</td> </tr> </table>	House	Senate	___ <input type="checkbox"/> Passed	___ <input type="checkbox"/> Passed	___ <input type="checkbox"/> Defeated	___ <input type="checkbox"/> Defeated
House		Senate					
___ <input type="checkbox"/> Passed		___ <input type="checkbox"/> Passed					
___ <input type="checkbox"/> Defeated	___ <input type="checkbox"/> Defeated						
School: Maple Avenue							
WWW.YMCANYS.ORG/YAG							

1 GMCs to be labeled. In 2010, a Washington Post poll stated 95 percent of people want GMOs and
2 GMCs to be labeled. In 2014, a Consumer Reports poll stated that 92 percent of people want
3 GMOs and GMCs to be labeled. These polls all tie in to the recent CBS News/New York Times poll
4 stating that 53 percent of Americans would not buy GM foods if they were labeled. The costumers
5 would simply switch to the safer, organic option.
6 Currently, there are no regulations on GMO or GMC labeling.
7 **FISCAL IMPLICATIONS:** Any form of government regulation and oversight requires fiscal
8 investment. But the benefits to the general populous far outweigh any cost.
9 The NYSDAM, which ensures a safe and properly labeled food supply and contributes to the
10 orderly marketing of food and farm products in New York State, will require a minor increase to
11 its annual operating budget in order to oversee and regulate the labeling requirement.
12
13 **EFFECTIVE DATE:** This bill shall go into effect on the first of January 2017.