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## IN SENATE

January 12, 2017

Introduced by Sens. LAVALLE, ADDABBO, BOYLE, BRESLIN, MONTGOMERY, MURPHY  
-- read twice and ordered printed, and when printed to be committed to  
the Committee on Consumer Protection

AN ACT to amend the general business law and the agriculture and markets  
law, in relation to the labeling of genetically modified foods

The People of the State of New York, represented in Senate and Assem-  
bly, do enact as follows:

- 1 Section 1. Legislative findings and intent. The legislature finds that  
2 New York state consumers have the right to know whether the foods they  
3 purchase have been produced with genetic engineering so they can make  
4 informed purchasing decisions.  
5 Further the legislature finds that:  
6 (a) Currently, there is no federal law that requires food producers to  
7 identify whether foods were produced with genetic engineering. At the  
8 same time, the United States Food and Drug Administration (FDA) does not  
9 require safety studies of such foods;  
10 (b) Identification of foods produced with genetic engineering can  
11 provide a critical method for tracking effects of consuming foods  
12 produced with genetic engineering;  
13 (c) More than sixty countries, including key United States trading  
14 partners, have laws mandating disclosure of genetically engineered  
15 foods. Identifying foods produced with genetic engineering will help  
16 protect our state's export market;  
17 (d) A variety of genetically engineered crops are commercially culti-  
18 vated and sold in the United States, including corn, canola, sugar  
19 beets, soybean, cotton, alfalfa, and papaya. It has been estimated that  
20 70-80% of packaged grocery products contain some materials derived from  
21 these genetically engineered crops;  
22 (e) Without disclosure, consumers with certain dietary restrictions  
23 may unknowingly consume such food in violation of such dietary  
24 restrictions;

EXPLANATION--Matter in italics (underscored) is new; matter in brackets  
[-] is old law to be omitted.

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1 (f) Preserving the identity, quality, and reliability of agricultural  
2 products is of prime importance to our state's fiscal health;

3 (g) The cultivation of genetically engineered crops can cause serious  
4 environmental impacts;

5 (h) It is the intent of this act to ensure that New York consumers and  
6 farmers are fully and reliably informed about whether the food and seed  
7 they purchase and eat were produced with genetic engineering so they may  
8 choose for themselves whether to purchase and eat or use such food and  
9 seed;

10 (i) It is the intent of this act only to regulate the labeling of  
11 seed, seed stock, and food for human consumption offered for retail sale  
12 within New York State.

13 § 2. The general business law is amended by adding a new section 391-u  
14 to read as follows:

15 § 391-u. Genetically engineered foods; required labeling. 1. Defi-  
16 initions. As used in this section, the term:

17 (a) "Department" means the state department of agriculture and  
18 markets.

19 (b) "Distributor" means a person or business engaged in any method of  
20 distributing or transporting a food or food product from one place to  
21 another.

22 (c) "Enzyme" means a protein that catalyzes chemical reactions of  
23 other substances without itself being destroyed or altered upon  
24 completion of the reactions.

25 (d) "Genetically engineered," or "genetically modified," or any deriv-  
26 ative of those words, as applied to any food for human consumption or  
27 seed means produced from or with an organism or organisms with genetics  
28 altered materially through the application of:

29 (i) in vitro nucleic acid techniques, including but not limited to  
30 recombinant deoxyribonucleic acid (DNA) techniques and the direct  
31 injection of nucleic acid into cells or organelles; or

32 (ii) the fusion of cells beyond the taxonomic family that overcomes  
33 natural physiological, reproductive, or recombinant barriers and that  
34 are not techniques used in traditional breeding and selection.

35 For purposes of subparagraph (i) of this paragraph, "in vitro nucleic  
36 acid techniques" include, but are not limited to, recombinant DNA or RNA  
37 techniques that use vector systems, and techniques involving the direct  
38 introduction into the organisms of hereditary materials prepared outside  
39 the organisms such as biolistics, microinjection, macro-injection,  
40 chemoporation, electroporation, microencapsulation, and liposome fusion.

41 (e) "Manufacturer" means a person or business engaged in the  
42 production or processing of seed, seed stock, or any food product.

43 (f) "Medical food" means a food that is formulated to be consumed or  
44 administered enterally under the supervision of a physician and that is  
45 intended for the specific dietary management of a disease or condition  
46 for which distinctive nutritional requirements, based on recognized  
47 scientific principles, are established by medical evaluation.

48 (g) "Processed food" means any food other than a raw agricultural  
49 commodity, including any food produced from a raw agricultural commodity  
50 that has been subject to processing such as canning, smoking, pressing,  
51 cooking, freezing, dehydration, fermentation, or milling.

52 (h) "Processing aid" means:

53 (i) a substance that is added to a food during the processing of the  
54 food but is removed in some manner from the food before it is packaged  
55 in its finished form;

1 (ii) a substance that is added to a food during processing, is  
2 converted into constituents normally present in the food, and does not  
3 significantly increase the amount of the constituents naturally found in  
4 the food; or

5 (iii) a substance that is added to a food for its technical or func-  
6 tional effect in the processing but is present in the finished food at  
7 insignificant levels and does not have any technical or functional  
8 effect in that finished food.

9 (i) "Stock-keeping unit," for purposes of subdivision three of this  
10 section, shall mean all of a group of food items of the same brand,  
11 quantity of contents, retail price, and variety.

12 (j) "Raw agricultural commodity" means any plant, animal, or fungi  
13 grown or produced for human food-use purposes.

14 (k) "Retailer" means a person or business engaged in selling food from  
15 individuals or businesses to the end-user.

16 2. Labeling of genetically engineered seed and food. (a) Any food for  
17 human consumption, seed, or seed stock offered for retail sale in New  
18 York is misbranded if it is entirely genetically engineered or partially  
19 produced with genetic engineering and that fact is not disclosed as  
20 follows:

21 (i) In the case of a raw agricultural commodity that is not separately  
22 packaged or labeled, the words "Produced with Genetic Engineering" or  
23 any other derivative of those words, the initials "GE", "GM", or "GMO",  
24 or a derivative of those phrases, shall be placed on the container used  
25 for packaging, holding, and/or transport in a clear and conspicuous  
26 manner by the manufacturer, and maintained by the distributor, and  
27 displayed in a clear and conspicuous manner on the retail store shelf or  
28 bin in which such commodity is offered for sale by the retailer.

29 (ii) In the case of a raw agricultural commodity that is separately  
30 packaged or processed food containing some products of genetic engineer-  
31 ing, the manufacturer must label the food, in a clear and conspicuous  
32 manner on the package of such food, with the words "Produced with Genet-  
33 ic Engineering" or any other derivative of those words, the initials  
34 "GE", "GM", "GMO", or a derivative of those phrases.

35 (iii) In the case of any seed or seed stock, the manufacturer or other  
36 entity responsible for producing the seed must label the seed or seed  
37 stock container, the sales receipt, and any other reference to identifi-  
38 cation, ownership, or possession, in a clear and conspicuous manner with  
39 the words "Produced with Genetic Engineering" or any other derivative of  
40 those words, the initials "GE", "GM", "GMO", or a derivative of those  
41 phrases.

42 (b) This section shall not be construed to require either the listing  
43 or identification of any ingredients that were genetically engineered,  
44 nor that the phrase "Produced with Genetic Engineering" or any other  
45 derivative of those words, the initials "GE", "GM", "GMO", or a deriva-  
46 tive of those phrases be placed immediately preceding any common name or  
47 primary product descriptor of a food.

48 (c) Any processed food that would be subject to this section solely  
49 because it includes one or more materials produced with genetic engi-  
50 neering is not misbranded provided that the genetically engineered mate-  
51 rials in the aggregate do not account for more than nine-tenths of one  
52 percent of the total weight of the processed food.

53 (d) This subdivision does not apply to any of the following:

54 (i) Food consisting entirely of, or derived entirely from, an animal  
55 that has not itself been produced with genetic engineering, regardless  
56 of whether the animal has been fed with any food produced with genetic

1 engineering or treated with any drug or vaccine that has been produced  
2 with genetic engineering;

3 (ii) A raw agricultural commodity, processed food, or seed that has  
4 been grown, raised, produced, or derived without the knowing and inten-  
5 tional use of genetically engineered seed or food. To be included within  
6 the exclusion under this paragraph, the person or entity responsible for  
7 complying with this subdivision with respect to a raw agricultural  
8 commodity, processed food, seed, or seed stock must obtain, from whomev-  
9 er sold the raw agricultural commodity, processed food, seed, or seed  
10 stock to that person, a written statement, which may be included on an  
11 invoice that may be in an electronic form, that the raw agricultural  
12 commodity, processed food, seed, or seed stock: (1) has not been know-  
13 ingly or intentionally produced with genetic engineering; and (2) has  
14 been segregated from, and has not been knowingly or intentionally  
15 commingled with foods or seeds that may have been produced with genetic  
16 engineering;

17 (iii) Any processed food that would be subject to this section solely  
18 because one or more of the processing aids or enzymes used in its  
19 production were produced with or derived from genetic engineering;

20 (iv) Any alcoholic beverage that is subject to regulation by the alco-  
21 holic beverage control law;

22 (v) Food that has been lawfully certified to be labeled, marketed, and  
23 offered for sale as "organic" pursuant to the federal Organic Foods  
24 Production Act of 1990, 7 U.S.C. 6501, et seq. as amended from time to  
25 time, and the National Organic Program regulations promulgated pursuant  
26 thereto by the United States Department of Agriculture;

27 (vi) Food that is not packaged for sale and that either: (i) is a  
28 processed food prepared and intended for immediate human consumption or  
29 (ii) is served, sold, or otherwise provided in any restaurant, food  
30 facility, or food retailer that is engaged in the sale of food prepared  
31 and intended for immediate human consumption; or

32 (vii) Medical food.

33 3. Violation. Any person or entity who violates the requirements of  
34 this section shall be liable for a civil penalty of not more than one  
35 thousand dollars, per day, per stock-keeping unit, provided however that  
36 no liability shall arise under this section until after said person or  
37 entity is given formal notice of the violation.

38 4. Notice of violation. In any case where there has been a final  
39 determination by the department, of a violation of any of the provisions  
40 of this section, the department shall make available to the public,  
41 without charge, the following information:

42 (a) the name and business address of the violator;

43 (b) the date or dates of inspection of the violator's premises by the  
44 department;

45 (c) the violation that was determined to have occurred, including the  
46 name of the product; and

47 (d) the amount of the penalty that was assessed by the department.

48 5. Third-party protection; reliance on written statement. A distribu-  
49 tor or retailer that sells a raw agricultural commodity, processed food,  
50 seed, or seed stock that has been produced with genetic engineering that  
51 fails to make the disclosure required pursuant to subdivision two of  
52 this section, is not subject to financial liability in any civil action  
53 to enforce this section if the distributor or retailer relied on the  
54 written statement obtained under subdivision two of this section  
55 provided by the manufacturer stating that the raw agricultural commod-

1 ity, processed food, seed, or seed stock is not subject to the disclo-  
2 sure requirements under this section.

3 § 3. Section 198 of the agriculture and markets law is amended by  
4 adding a new subdivision 12 to read as follows:

5 12. The term: (a) "Distributor" means a person or business engaged in  
6 any method of distributing or transporting a food or food product from  
7 one place to another.

8 (b) "Enzyme" means a protein that catalyzes chemical reactions of  
9 other substances without itself being destroyed or altered upon  
10 completion of the reactions.

11 (c) "Genetically engineered," or "genetically modified," or any deriv-  
12 ative of those words, as applied to any food for human consumption or  
13 seed means produced from or with an organism or organisms with genetics  
14 altered materially through the application of:

15 (i) in vitro nucleic acid techniques, including but not limited to  
16 recombinant deoxyribonucleic acid (DNA) techniques and the direct  
17 injection of nucleic acid into cells or organelles; or

18 (ii) the fusion of cells beyond the taxonomic family that overcomes  
19 natural physiological, reproductive, or recombinant barriers and that  
20 are not techniques used in traditional breeding and selection.

21 For purposes of subparagraph (i) of this paragraph, "in vitro nucleic  
22 acid techniques" include, but are not limited to, recombinant DNA or RNA  
23 techniques that use vector systems and techniques involving the direct  
24 introduction into the organisms of hereditary materials prepared outside  
25 the organisms such as biolistics, microinjection, macro-injection,  
26 chemoporation, electroporation, microencapsulation, and liposome fusion.

27 (d) "Manufacturer" means a person or business engaged in the  
28 production or processing of seed, seed stock, or any food product.

29 (e) "Medical food" means a food that is formulated to be consumed or  
30 administered enterally under the supervision of a physician and that is  
31 intended for the specific dietary management of a disease or condition  
32 for which distinctive nutritional requirements, based on recognized  
33 scientific principles, are established by medical evaluation.

34 (f) "Processed food" means any food other than a raw agricultural  
35 commodity, including any food produced from a raw agricultural commodity  
36 that has been subject to processing such as canning, smoking, pressing,  
37 cooking, freezing, dehydration, fermentation, or milling.

38 (g) "Processing aid" means:

39 (i) a substance that is added to a food during the processing of the  
40 food but is removed in some manner from the food before it is packaged  
41 in its finished form;

42 (ii) a substance that is added to a food during processing, is  
43 converted into constituents normally present in the food, and does not  
44 significantly increase the amount of the constituents naturally found in  
45 the food; or

46 (iii) a substance that is added to a food for its technical or func-  
47 tional effect in the processing but is present in the finished food at  
48 insignificant levels and does not have any technical or functional  
49 effect in that finished food.

50 (h) For the purposes of paragraph (e) of subdivision fifteen of  
51 section two hundred one of this article, "stock-keeping unit" shall mean  
52 all of a group of food items of the same brand, quantity of contents,  
53 retail price, and variety.

54 (i) "Raw agricultural commodity" means any plant, animal, or fungi  
55 grown or produced for human food-use purposes.

1 (j) "Retailer" means a person or business engaged in selling food from  
2 individuals or businesses to the end-user.

3 § 4. Section 201 of the agriculture and markets law is amended by  
4 adding a new subdivision 15 to read as follows:

5 15. (a) Any food for human consumption, seed, or seed stock offered  
6 for retail sale in New York is misbranded if it is entirely genetically  
7 engineered or partially produced with genetic engineering and that fact  
8 is not disclosed as follows:

9 (i) In the case of a raw agricultural commodity that is not separately  
10 packaged or labeled, the words "produced with genetic engineering" or  
11 any other derivative of those words, the initials "GE", "GM", or "GMO",  
12 or a derivative of those phrases, shall be placed on the container used  
13 for packaging, holding, and/or transport in a clear and conspicuous  
14 manner by the manufacturer, and maintained by the distributor, and  
15 displayed in a clear and conspicuous manner on the retail shelf or bin  
16 in which such commodity is offered for sale by the retailer.

17 (ii) In the case of a raw agricultural commodity that is separately  
18 packaged or processed food containing some products of genetic engineer-  
19 ing, the manufacturer must label the food, in a clear and conspicuous  
20 manner on the package of such food, with the words "Produced with Genet-  
21 ic Engineering" or any other derivative of those words, the initials  
22 "GE", "GM", "GMO", or a derivative of those phrases.

23 (iii) In the case of any seed or seed stock, the manufacturer or other  
24 entity responsible for producing the seed must label the seed or seed  
25 stock container, the sales receipt, and any other reference to identifi-  
26 cation, ownership, or possession, in a clear and conspicuous manner with  
27 the words "Produced with Genetic Engineering" or any other derivative of  
28 those words, the initials "GE,", "GM", "GMO", or a derivative of those  
29 phrases.

30 (b) This subdivision shall not be construed to require either the  
31 listing or identification of any ingredients that were genetically engi-  
32 neered, nor that the phrase "Produced with Genetic Engineering" or any  
33 other derivative of those words, the initials "GE," "GM", "GMO", or a  
34 derivative of those phrases be placed immediately preceding any common  
35 name or primary product descriptor of a food.

36 (c) Any processed food that would be subject to this section solely  
37 because it includes one or more materials produced with genetic engi-  
38 neering is not misbranded provided that the genetically engineered mate-  
39 rials in the aggregate do not account for more than nine-tenths of one  
40 percent of the total weight of the processed food.

41 (d) This subdivision does not apply to any of the following:

42 (i) Food consisting entirely of, or derived entirely from, an animal  
43 that has not itself been produced with genetic engineering, regardless  
44 of whether the animal has been fed with any food produced with genetic  
45 engineering or treated with any drug or vaccine that has been produced  
46 with genetic engineering;

47 (ii) A raw agricultural commodity, processed food, or seed that has  
48 been grown, raised, produced, or derived without the knowing and inten-  
49 tional use of genetically engineered seed or food. To be included within  
50 the exclusion under this paragraph, the person or entity responsible for  
51 complying with paragraph (a) of this subdivision with respect to a raw  
52 agricultural commodity, processed food, seed, or seed stock must obtain,  
53 from whomever sold the raw agricultural commodity, processed food, seed,  
54 or seed stock must obtain, from whomever sold the raw agricultural  
55 commodity, processed food, seed, or seed stock to that person, a written  
56 statement, which may be included on an invoice that may be in an elec-

1 tronic form, that the raw agricultural commodity, processed food, seed,  
2 or seed stock: (1) has not been knowingly or intentionally produced with  
3 genetic engineering; and (2) has been segregated from, and has not been  
4 knowingly or intentionally commingled with foods or seeds that may have  
5 been produced with genetic engineering;

6 (iii) Any processed food that would be subject to this subdivision  
7 solely because one or more of the processing aids or enzymes used in its  
8 production were produced with or derived from genetic engineering;

9 (iv) Any alcoholic beverage that is subject to regulation by the alco-  
10 holic beverage control law;

11 (v) Food that has been lawfully certified to be labeled, marketed, and  
12 offered for sale as "organic" pursuant to the federal Organic Foods  
13 Production Act of 1990, 7 U.S.C. 6501, et seq. as amended from time to  
14 time, and the National Organic Program regulations promulgated pursuant  
15 thereto by the United States Department of Agriculture;

16 (vi) Food that is not packaged for sale and that either: (i) is a  
17 processed food prepared and intended for immediate human consumption or  
18 (ii) is served, sold, or otherwise provided in any restaurant, food  
19 facility, or food retailer that is engaged in the sale of food prepared  
20 and intended for immediate human consumption; or

21 (vii) Medical food.

22 (e) Any person or entity who violates the requirements of this section  
23 shall be liable for a civil penalty of not more than one thousand  
24 dollars, per day, per stock-keeping unit, provided however that no  
25 liability shall arise under this section until after said person or  
26 entity is given formal notice of the violation.

27 (f) In any case where there has been a final determination by the  
28 department, of a violation of any of the provisions of this subdivision,  
29 the department shall make available to the public, without charge, the  
30 following information:

31 (i) the name and business address of the violator;

32 (ii) the date or dates of inspection of the violator's premises by the  
33 department;

34 (iii) the violation that was determined to have occurred, including  
35 the name of the product; and

36 (iv) the amount of the penalty that was assessed by the department.

37 (g) A distributor or retailer that sells a raw agricultural commodity,  
38 processed food, seed, or seed stock that has been produced with genetic  
39 engineering that fails to make the disclosure required pursuant to  
40 section three hundred ninety-one-u of the general business law, is not  
41 subject to financial liability in any civil action to enforce this  
42 section if the distributor or retailer relied on the written statement  
43 obtained under subdivision two of section three hundred ninety-one-u of  
44 the general business law provided by the manufacturer stating that the  
45 raw agricultural commodity, processed food, seed, or seed stock is not  
46 subject to the disclosure requirements under such section.

47 § 5. Severability clause. If any provision of this act or its applica-  
48 tion to any person, legal entity, or circumstance is held invalid, the  
49 remainder of the act or the application of the provision to other  
50 persons, legal entity or circumstances shall not be affected.

51 § 6. This act shall take effect twenty-four months after it shall have  
52 become a law; provided, however, that effective immediately, the depart-  
53 ment of agriculture and markets shall adopt any rules and regulations  
54 necessary to implement this act, including, but not limited to, creating  
55 and maintaining a list, which shall be made available to the public at  
56 no cost, of raw agricultural commodities that are produced with genetic

1 engineering; provided, further, that the department of agriculture and  
2 markets is not authorized to create any exemptions beyond those provided  
3 for in paragraph (d) of subdivision 2 of section 391-u of the general  
4 business law as added by section two of this act and paragraph (d) of  
5 subdivision 15 of section 201 of the agriculture and markets law as  
6 added by section four of this act; this act shall remain in effect until  
7 such time as a comprehensive federal system requiring mandatory labeling  
8 of raw agricultural commodities, processed foods, seed, and seed stock  
9 produced with genetic engineering is implemented, provided however that  
10 nothing contained herein shall prevent the state from exercising any  
11 concurrent authority authorized by federal law; provided that the  
12 commissioner of agriculture and markets shall notify the legislative  
13 bill drafting commission upon the occurrence of the enactment of a  
14 comprehensive federal system requiring mandatory labeling of raw agri-  
15 cultural commodities, processed foods, seed, and seed stock produced  
16 with genetic engineering in order that the commission may maintain an  
17 accurate and timely effective data base of the official text of the laws  
18 of the state of New York in furtherance of effectuating the provisions  
19 of section 44 of the legislative law and section 70-b of the public  
20 officers law.