

STANDARD 1.5.2

FOOD PRODUCED USING GENE TECHNOLOGY

Simplified outline of this Standard

Division 1 of this Standard sets out the permission and conditions for the sale and use of foods produced using gene technology.

Division 2 of this Standard specifies the labelling and other information requirements for foods produced using gene technology.

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Schedule Permitted Foods produced using Gene Technology

Clauses

Division 1 – Sale and use of food produced using gene technology

1 Interpretation

(1) For the purposes of this Standard –

a food produced using gene technology means a food which has been derived or developed from an organism which has been modified by gene technology.

Editorial note:

This definition does not include a food derived from an animal or other organism which has been fed food produced using gene technology, unless the animal or organism itself is a product of gene technology.

conventional breeding means all methods used to produce plants, excluding techniques that use gene technology.

gene technology means recombinant DNA techniques that alter the heritable genetic material of living cells or organisms.

line means –

- (a) a plant, the genetic material of which includes a transformation event or events; or
- (b) any plant, descended from the plant referred to in paragraph (a), that is the result of conventional breeding of that plant with –

- (i) any other plant that does not contain a transformation event or events; or
- (ii) any other plant that contains a transformation event or events, whether expressed as a line or event, that is listed in Column 3 of the Schedule;

but shall not be taken to mean any plant derived solely as a result of conventional breeding.

transformation event means a unique genetic modification arising from the use of gene technology.

(2) To avoid doubt, columns 1 and 2 of the Schedule contain additional information that is not part of this Code. Information in these columns may be added to or edited in any published version of this Code.

2 General prohibition on the sale and use of food produced using gene technology

A food produced using gene technology, other than a substance regulated as a food additive or processing aid, must not be sold or used as an ingredient or component of any food unless it is listed in Column 3 of the Schedule and complies with any corresponding conditions in Column 4.

3 Deleted

Division 2 – Labelling etc of food produced using gene technology

4 Interpretation and Application

(1) For the purposes of this Division –

genetically modified food means food that is, or contains as an ingredient, including a processing aid, a food produced using gene technology which –

- (a) contains novel DNA and/or novel protein; or
- (b) has altered characteristics;

but does not include –

- (c) highly refined food, other than that with altered characteristics, where the effect of the refining process is to remove novel DNA and/or novel protein;
- (d) a processing aid or food additive, except where novel DNA and/or novel protein from the processing aid or food additive remains present in the food to which it has been added;
- (e) flavours present in the food in a concentration no more than 1g/kg; or
- (f) a food, ingredient, or processing aid in which genetically modified food is unintentionally present in a quantity of no more than 10g/kg per ingredient.

altered characteristics means any of the matters specified in paragraphs 7(a), (b), (c) or (d) of this Standard.

novel DNA and/or novel protein means DNA or a protein which, as a result of the use of gene technology, is different in chemical sequence or structure from DNA or protein present in counterpart food which has not been produced using gene technology.

(2) Any statement required by clause 5 may be contained in the statement of ingredients where the genetically modified food is an ingredient or processing aid.

(3) Where genetically modified food is displayed for retail sale other than in a package, any information that would have been required under clause 5 of this Standard on the label on the food if it was packaged, must be displayed on or in connection with the display of the food.

(4) This Division does not apply to food intended for immediate consumption which is prepared and sold from food premises and vending vehicles, including restaurants, take away outlets, caterers, or self-catering institutions.

(5) Deleted

(6) Deleted

5 Labelling of genetically modified food

The label on a package of genetically modified food must include the statement 'genetically modified' in conjunction with the name of that food or ingredient or processing aid.

Editorial note:

An example for single ingredient genetically modified foods:

Soy Flour
Genetically Modified

Soy Flour
From genetically modified soya beans

An example for genetically modified food ingredients:

Ingredients: Soy Protein Isolate (genetically modified); Maltodextrin; Vegetable Oil; Food Acid (332); Emulsifier (471); Vegetable Gum (407); Water Added.

6 Labelling of food which is not genetically modified

The label on a package of food which is not defined as 'genetically modified food' in clause 4 of this Standard is not required to include any statement about the genetic status of the food.

7 Additional labelling/information requirements

Notwithstanding the provisions of this Division, Column 4 of the Schedule may specify labelling or other information requirements in relation to food produced using gene technology listed in Column 3 of the Schedule where –

- (a) the genetic modification has resulted in one or more significant composition or nutritional parameters having values outside the normal range of values for existing counterpart food not produced using gene technology;
- (b) the level of anti-nutritional factors or natural toxicants are significantly different in comparison to the existing counterpart food not produced using gene technology;
- (c) the food produced using gene technology contains a new factor known to cause an allergic response in particular sections of the population;
- (d) the intended use of the food produced using gene technology is different to the existing counterpart food not produced using gene technology; or
- (e) the genetic modification raises significant ethical, cultural and religious concerns regarding the origin of the genetic material used in the genetic modification.

SCHEDULE

Permitted Foods produced using Gene Technology

Column 1	Column 2	Column 3	Column 4
Commodity	Item	Food produced using gene technology	Special conditions
Canola	1.1	Food derived from herbicide-tolerant canola line GT73	
	1.2	Food derived from herbicide-tolerant canola lines Topas 19/2 and T45 and herbicide-tolerant and pollination-controlled lines Ms1, Ms8, Rf1, Rf2, Rf3	
	1.3	Food derived from herbicide-tolerant canola line Westar-Oxy-235	
	1.4	Food derived from herbicide-tolerant canola line MON88302	
Corn	2.1	Food derived from herbicide-tolerant corn line GA21	Unless the protein content has been removed as part of a refining process, the label on or attached to a package of a food derived from high lysine corn line LY038 must include a statement to the effect that the food has been genetically modified to contain increased levels of lysine.
	2.2	Food derived from insect-protected corn line MON810	
	2.3	Food derived from herbicide-tolerant and insect-protected corn line Bt11	
	2.4	Food derived from insect-protected corn line Bt176	
	2.5	Food derived from herbicide-tolerant corn line T25	
	2.6	Food derived from herbicide-tolerant corn line NK603	
	2.7	Food derived from herbicide tolerant and insect-protected corn line DBT418	
	2.8	Food derived from herbicide-tolerant and insect-protected corn line 1507	
	2.9	Food derived from insect-protected corn line MON863	
	2.10	Food derived from herbicide-tolerant and insect-protected corn line DAS-59122-7	
	2.11	Food derived from herbicide-tolerant and insect-protected corn line MON88017	
	2.12	Food derived from insect-protected corn line MIR604	
	2.13	Food derived from high lysine corn line LY038	
	2.14	Food derived from amylase modified corn line 3272	
	2.15	Food derived from insect-protected corn line MON89034	
	2.16	Food derived from insect-protected corn line MIR162	
	2.17	Food derived from herbicide-tolerant corn line DP-098140-6	
	2.18	Food derived from drought-tolerant corn line MON87460	
	2.19	Food derived from herbicide-tolerant corn line DAS-40278-9	

SCHEDULE

Permitted Foods produced using Gene Technology (continued)

Column 1	Column 2	Column 3	Column 4
Commodity	Item	Food produced using gene technology	Special conditions
	2.20	Food derived from insect-protected corn line 5307	
	2.21	Food derived from herbicide-tolerant corn line MON87427	
Cotton	3.1	Food derived from insect-protected cotton lines 531, 757 and 1076	
	3.2	Food derived from herbicide-tolerant cotton line 1445	
	3.3	Food derived from herbicide-tolerant cotton lines 10211 and 10222	
	3.4	Food derived from insect-protected cotton line 15985	
	3.5	Food derived from insect-protected cotton line COT102	
	3.6	Food derived from herbicide-tolerant and insect-protected cotton line MXB-13	
	3.7	Food derived from herbicide-tolerant cotton line LL25	
	3.8	Food derived from herbicide-tolerant cotton line MON88913	
	3.9	Food derived from herbicide-tolerant cotton line GHB614	
	3.10	Food derived from insect-protected cotton line COT67B	
	3.11	Food derived from herbicide-tolerant and insect-protected cotton line T304-40	
	3.12	Food derived from herbicide-tolerant and insect-protected cotton line GHB119	
Lucerne	4.1	Food derived from herbicide-tolerant lucerne lines J101 & J163	
Potato	5.1	Food derived from insect-protected potato lines BT-06, ATBT04-06, ATBT04-31, ATBT04-36, and SPBT02-05	
	5.2	Food derived from insect- and virus-protected potato lines RBMT21-129, RBMT21-350 and RBMT22-82	
	5.3	Food derived from insect- and virus-protected potato lines RBMT15-101, SEM15-02 and SEM15-15	
Rice	6.1	Food derived from herbicide-tolerant rice line LLRICE62	
Soybean	7.1	Food derived from herbicide-tolerant soybean line 40-3-2	
	7.2	Food derived from herbicide-tolerant soybean lines A2704-12 and A5547-127	
	7.3	Food derived from herbicide-tolerant soybean line MON89788	
	7.4	Food derived from herbicide-tolerant soybean line DP-356043-5	
	7.5	Food derived from high oleic acid soybean line DP-305423-1	

SCHEDULE

Permitted Foods produced using Gene Technology (continued)

Column 1	Column 2	Column 3	Column 4
Commodity	Item	Food produced using gene technology	Special conditions
	7.6	Food derived from insect-protected soybean line MON87701	
	7.7	Food derived from herbicide-tolerant high oleic acid soybean line MON87705	
	7.8	Food derived from soybean line MON87769 producing stearidonic acid	
	7.9	Food derived from herbicide-tolerant soybean line DAS-68416-4	
	7.10	Food derived from herbicide-tolerant soybean line FG72	
	7.11	Food derived from herbicide-tolerant soybean line MON87708	
	7.12	Food derived from herbicide-tolerant soybean line CV127	
	7.13	Food derived from herbicide-tolerant soybean line DAS-44406-6	
Sugarbeet	8.1	Food derived from herbicide-tolerant sugarbeet line 77	
	8.2	Food derived from herbicide-tolerant sugarbeet line H7-1	