

HOUSE BILL NO. 249

IN THE LEGISLATURE OF THE STATE OF ALASKA

TWENTY-EIGHTH LEGISLATURE - SECOND SESSION

BY REPRESENTATIVE KAWASAKI

Introduced: 1/17/14

Referred: Prefiled

A BILL

FOR AN ACT ENTITLED

1 **"An Act prohibiting the use of genetically engineered seeds or plants to produce or grow**
2 **agricultural products for sale."**

3 **BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF ALASKA:**

4 *** Section 1.** AS 03.05 is amended by adding a new section to read:

5 **Sec. 03.05.033. Use of genetically engineered seeds and plants.** (a) A person
6 may not knowingly use a seed or plant organism produced with genetic engineering to
7 produce or grow an agricultural product to sell.

8 (b) Nothing in this section prohibits a person from using or selling a seed or
9 plant organism produced with traditional selective breeding, conjugation,
10 fermentation, hybridization, in vitro fertilization, non-directed mutagenesis, or tissue
11 culture.

12 (c) In this section,

13 (1) "genetic engineering" means a process whereby the genetic
14 material of an organism or organisms is changed through

1 (A) the application of in vitro nucleic acid techniques,
2 including recombinant deoxyribonucleic acid techniques and the direct
3 injection of nucleic acid into cells or organelles; or

4 (B) fusion of cells, including protoplast fusion, or hybridization
5 techniques that overcome natural physiological, reproductive, or recombination
6 barriers, where the donor cells or protoplasts do not fall within the same
7 taxonomic group, in a way that does not occur by natural multiplication or
8 natural recombination;

9 (2) "in vitro nucleic acid techniques" means

10 (A) recombinant deoxyribonucleic acid techniques, ribonucleic
11 acid techniques, or other techniques that use vector systems; and

12 (B) techniques involving the direct introduction into an
13 organism of hereditary material prepared outside of the organism through
14 methods such as micro-injection, chemoporation, electroporation, micro-
15 encapsulation, and liposome fusion;

16 (3) "organism" means a biological entity capable of replication,
17 reproduction, or transferring of genetic material.

18 * **Sec. 2.** AS 03.05.100 is amended by adding a new paragraph to read:

19 (5) "knowingly" has the meaning given in AS 11.81.900(a).

20 * **Sec. 3.** AS 03.05.090(f) is repealed.