

Application A1192
'Food' derived from herbicide-tolerant corn line MON87429

Name

Postal

Residential

Email

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Date 24th April 2020

I OPPOSE THE RELEASE OF MON87429 FOR GENERAL PROPAGATION

Personal

I am a mature grandmother living in the countryside, aspiring to a simple lifestyle in order to achieve health and spiritual wellbeing. I have post-graduate achievements in geological and environmental sciences.

Submission

Ever since genetic engineering of food crops was first mooted in the early '90's I have been a rabid denier and opposer of one company's rights to dictate what we eat, which company being Monsanto. So many governments of so many countries, in particular America, Monsanto's cosy home, have beheld that company, allowing it to dictate terms to the nations. The arisen problem is that most consumers (me, us, them) DO NOT like eating food whose very essence has been contaminated in a lab then allowed to proliferate; this presents a problem to Monsanto and its rabid profits, so false evidence emerges to show its foods are absolutely safe for consumption, and that no labelling to warn is required, which too many governments of too many nations devour with glee as they do business with Bayer aka Monsanto.

Very sensibly, responsibly, and with mature outlook, New Zealand created a moratorium on

frankenfoods, and there it must stay.

I am to most accounts an honest, hard-working pawn in a global empire. I have close connections to the land, eating as much as I can out of my garden, based on the best organic principles I have. I buy to eat the best quality my budget allows; not the best-looking food, but moreso the food I suspect, or labelled, the least chemical application or genetic modification of. It is not an easy path to tread, becoming more complicated as the contemporary mainstream agricultural regime expands. I am not alone in my choices though, and organic produce is gaining ground, this a great worry to genetic manipulators, thus they shove to get more novel foods into our markets, marketed in forever more attractive ways

AND I SAY

NO

NO

NO

We are told GM corn MON87429 seed is coated with a neonicotinoid insecticide. What a duplicitous way to feed the world, on the one hand, using a systemic pesticide to ensure the crop matures without damage, on the other, killing the very life force required to ensure future generations can eat, where bees will die when sourcing the corn's pollen.

A fair amount of research is done to look at human and animal safety with respect to individual pesticides and herbicides, although not nearly enough research has been done in this respect, and in fact, there is no pesticide that is safe for human or animal consumption, the assumption being that we will not ingest in high enough quantities to produce acute ill health, with chronic ill health a side-thought; the benchmark too often set at a level that protects crops rather than long-term human and animal health.

Pesticide cocktails are a whole higher logarithmic scale of intensity, and MON87429 is that cocktail. I am partial to the odd Blue Hawaii but you can stick your MON87429 cocktail in your own sewer not mine. Are you confident that studies regarding the increased synergic toxic effects of pesticide cocktails are not relevant to MON87429, or does it even matter to you?

- FSANZ assessment of MON 87429 is based on insufficient research and relies on inaccurate and purely theoretical data.

- FSANZ has missed or selectively overlooks data that reveals problems.
- FSANZ should prioritise standards that ensure food is fresh and pesticide free. Foods that are genetically modified/ highly processed/ grown with pesticides are known to undermine the human immune system making us more vulnerable to illness.

There is so much new evidence coming to light of the fantastic gut biome that we as individuals sport as unique and essential populations. Too little research, especially independent research, has been done on the way novel food introductions such as MON87429 interact with those populations, and most, if not all, independent research findings in the negative are dogmatically discredited by those ready to profit from the technology.

Gene transfer expresses as amino acids and proteins. I understand that animal bodies work in synergy with bacteria, in the gut for instance, and then there are bacterial infections, but transferring genetic material from Kingdom Monera into Kingdom Plantae in order to express those bacterial genes in a plant seems to me an abuse of the natural order of the separate Kingdoms of this planet. Lest we forget, Creutzfeldt Jakob disease debacle outbreak occurred as a result of feeding herbivores animal products. Animals specifically evolved to eat vegetation made to eat as an omnivore, and in some cases, carnivore? How could such a scenario have possibly occurred? Profit and greed. Why are genes now being synthetically transferred from one Kingdom to another? Profit and greed. Drop any pretense of philanthropy or altruism, it is purely profit and greed.

The bacterial genes of herbicide-tolerant corn become constituents within every nucleus, expressing into bacterial enzymes and proteins within every cell, of that corn, meaning that novel bacterial proteins and enzymes are entering our bodies, into our organs and tissues, courtesy of Monsanto/ Bayer, or whichever transgenic company is pushing the product; the alternative choices we have to eat becoming scarcer. Yes, mitochondria may have had a bacterial origin, but that marriage occurred a mind-boggling time ago in the Pre-Cambrian, the issues involved in that marriage we can only dream of.

Little wonder there is overwhelming evidence for adverse health issues in relation to genetically-modified foods, notably immune problems and allergies, both strongly-related to enzyme and protein activities within our bodies.

Most herbicides are systemic, meaning that you can't just wash them off produce but instead they must be ingested along with that produce, thus such produce introduces highly alien molecules into our bodies. The herbicide-resistant plants are prevented from reacting in a natural way to the herbicide, with the trans-genes inactivating the herbicide and concomitantly suppressing proper

cellular function and expression within the plant.

No wonder global health systems are crippled now by the pandemic demand for cancer and auto-immune treatments.

24th April 2020

References

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