

MONSANTO'S BUSINESS OF DEATH IN ISLAMIC PERSPECTIVE IN INDONESIA

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Abstrak: Monsanto adalah perusahaan pertanian, asal Amerika Serikat. Makanan penghasil benih Monsanto dengan menggunakan teknik rekayasa genetika, benih makanan melalui proses pencampuran gen dari suatu spesies yang bukan tipe. Karakteristik Monsanto Company yang licik, menjadikannya seolah-olah menutup mata dengan apa yang sedang mereka kerjakan hanya mengejar keuntungan setinggi mungkin. Proses ini dapat menyebabkan benih yang telah dimodifikasi secara genetik dapat menyebabkan berbagai penyakit di antaranya terjadi pada gangguan pertumbuhan fisik dan masalah psikologi dalam efek yang agak lama dan buruk dapat menyebabkan kanker, cacat fisik dan kematian bagi mereka yang mengkonsumsinya. Allah berfirman: Dan ketika dia pergi, dia berjuang di seluruh negeri untuk menyebabkan korupsi di dalamnya dan menghancurkan tanaman dan hewan. Dan Allah tidak menyukai korupsi. Dan Nabi Muhammad SAW mengatakan: tidak ada bahaya dan tidak ada kerusakan balasan "Islam pada dasarnya tidak keberatan dengan penggunaan tanaman rekayasa genetika, mengingat manfaat yang lebih besar daripada berbahaya. Tetapi penggunaan itu harus dilakukan dengan hati-hati mengingat gen yang ditransfer dapat berasal dari organisme tanaman lain. Adapun MUI (Majelis Ulama Islam Indonesia) sendiri belum mengeluarkan fatwa tentang penggunaan tanaman rekayasa genetika secara resmi, tetapi prinsip kehati-hatian selalu diutamakan. Status tanaman rekayasa genetika akan sah menurut hukum di seluruh proses sumber daya dan rekayasa.

Kata kunci: Monsanto, Islami, Perspektif.

Abstrack: Monsanto is an agriculture company, the origin of the United States. Monsanto's seed-producing food by using the techniques of genetic engineering, seed the food through the process of mixing genes from a species that is not a type. A cunning Monsanto Company characteristics, making them as if the lid of the eye with what they're working on just catching up the highest possible profit. This process can cause the seed that has been genetically modified can cause various diseases among them are going on in the physical growth disorders and psychology problem in a rather old and bad effects can cause cancer, physical disabilities and death to those who consume it. Allah said: And when he goes away, he strives throughout the land to cause corruption therein and destroy crops and animals. And Allah does not like corruption. And prophet Mohammed PBUH said: no harm and no reciprocated harm "Islam is fundamentally not object to the use of genetically modified crops, given the benefits that are greater than harmful. But the use of it must done carefully considering the transferred gene can come from another plant organism. As for the MUI (Assembly of Indonesia Islamic Ulema) itself has not issued a fatwa about the use of genetically modified crops officialy, but the principle of caution always take precedence. The status of genetically modified crops would be lawful throughout the whole process of gene resources and engineering.

Keywords: Monsanto, Islamic, Perspective.

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INTRODUCTION

Islam, not unlike any other religion from around the world, contains many specific instructions about how food should be planted, raised, harvested, butchered, preserved, cooked and eaten. These passages were written long before the invention of genetically modified organisms, but they speak clearly about the importance of clean and healthy food, of non-destructive methods of agriculture and of a different perspective of land ownership. We will take a look at some of these passages found in the Qur'an and the hadith (one of various reports describing the words, actions, or habits of the Islamic prophet Muhammad [pbuh]), and also point out pertinent facts about GMO's that come into conflict with the Islamic traditional ways of growing and consuming food. Additionally, the book *Medicine of the Prophet* (Ibn Qayyim Al-Jawziyya, contains abundant information about natural healing and the use of food-as-medicine, and it gives us strong support for the argument that safe and high-quality food – and not an abundance of lower quality food using un-natural genetic engineering, toxic chemicals and pesticides – is needed for good health of an entire population.² “The body only becomes strong in accordance with the quality of the food it accepts, not its quantity.” (Medicine of the Prophet, Johnston In this article, we will discuss Islamic points Views about GMO's –Henry Kissinger Said:

“Control oil and you control nations; control food and you control the people.” US strategy deliberately destroyed family farming in the US and abroad and led to 95% of all grain reserves in the world being under the control of six multinational agribusiness corporations.³

The control and management of global food supplies has been a corporate and political priority for decades, with US-based conglomerates leading the charge. As elite establishment political figure Henry Kissinger remarked in 1970, “Control oil and you control nations; control food and you control the people.” Recent research places multinational corporations behind the push toward controlling global food supplies⁴. What does your mind think about the seeds? Nothing special indeed, but to me the seed is something beautiful.

² Ibnu Qayim al-Jawziyyah (2000) *Ighatsah al-Lahfan min Mashayidis as-Syaitan*, p.234

³ Feldman, Burton (2001). *The Nobel Prize: A History Of Genius, Controversy, and Prestige*. Arcade Publishing. 16.

⁴ Greg Grandin. *Kissinger's Shadow: The Long Reach of America's Most Controversial Statesman* Metropolitan Books, (2015), 33

The little thing that lives and promises a future, like the little peasants who are the future of this hungry nation. The only thing that comes to me is that the plant breeding student who is struggling with the seeds business is the following lecture and inspiration from a lecturer who successfully assembles the seed of black soybean varieties and not forgetting that the seed is the right of the farmer, who then decides not to commercialize the results used for the welfare of farmers. The seed is the future, but whether this future is intended for whom, and in fact there are also a few future robbers in this country who use the seeds as a means of usurper of the sovereignty of the people and the nation. From the seeds there are also many problems. Seeds can be a medium of impersonalism of new forms, cross disputes, greed, and life expectancy.⁵

Monsanto argument company from the United States is a company that may still be foreign to our ears. Monsanto produces food seeds by using genetic engineering, the seeds of these foods through the process of mixing genes from unlike species. Through biochemical technology Monsanto can create anything to seed to produce food as they wish. Monsanto's sneaky corporate characteristics make them look as if they are blindfolded by what they are doing only profitable. With their genetic engineering techniques freely make product seeds according to their wishes which are often called GMOs (Genetically Modified Organism).

DISCUSSION

“Dark any past, clean future immaculate”

In comparison, a brief study of the history of Monsanto and GMO farming will reveal a history of land-grabbing by large corporations that has led to large-scale mono-cropping, loss of small family farms, deforestation, land erosion and a great loss of ancient topsoil, polluted water and soil, health issues in the entire population related to consumption of GMO's, and a general lack of consciousness about long-term consequences. GMO farmers, in essence, seem to have a disconnected relationship with Nature, which seems at-odds with what a farmer should be. Countless traditional farmers in countries whose politicians have allowed GMO agriculture into their borders have lost their farms, many times due to wind-blown GMO pollen

⁵ Vandana Siva, *Globalization's 2005 New Wars: Seed, Water and Life Forms Women Unlimited*, New Delhi, ISBN 81-88965-17-0, 233

contamination on fields that were not planted with GMO seeds. Since GMO seeds are patented, lawyers have been able to sue small farmers for having contaminated fields. These expensive lawsuits seem almost too unbelievable to be true, but the stories are many and the small farmer is often helpless against bio-engineering giants like Monsanto, who have their own lawyers ready-to-go anytime a farm has been flagged “contaminated.” Alternatively, farmers who have signed contracts to grow GMO’s have lost the skills to grow a variety of edible food for their own families, most go into debt unless they receive subsidies (which come from taxes that you and I pay, and that never go to organic farmers), they cannot re-use seeds from year-to-year and many of them become sickly because of the toxicity of the spraying that happens all around them.

Still remember the Monsanto dispute with the cotton farmers in Bulukumba, South Sulawesi how farmers become victims. At that time, the wrath of the peasants was scorched down by the expanse of cotton that failed, also revealed the bribery case of a number of high officials including the central government, 1 per 1 former important officials such as Bungaran Saragih (former minister of agriculture) and Nabel Makarim (former Men of Environment) called by KPK (corruption prevention commission), Monsanto’s bribe of \$ 750,000 to more than 140 key Indonesian officials. KPK is targeting the State Ministry of Environment, the Ministry of Agriculture, Bappenas, the Regional Government / DPRD of South Sulawesi, and academics from various universities. They are playing in order to launch the license for the sale of GMO seeds in Indonesia. This cotton scandal reminds us of the case of the misery of the people.⁶

Still missing in our memory of the Tukirin case in 2005. This great and poor farmer was sued by the famous corn seed company for selling corn seeds from his own garden. Tukirin is reported to the police by demands for illegal hatcheries. Similar cases that are not exposed can be even more in this country. Criminalization of farmers who do plant breeding such as Tukirin is still very likely to be sustainable. Law No. 12/1992 on crop cultivation and Law no 29/2000 on the Protection of plant varieties that until now still do not recognize the existence of plant breeder farmers that actually negates the farmers but only accommodate the interests of plant breeders. The law dictates the farmers to plant breeders, where farmers and plant breeders are

⁶ Napitupulu, Tom Edward Marasi, *Pembangunan Pertanian dan pengembangan Agroindustri*. Wibowo, R. (Editor). *Pertanian dan pangan*. Pustaka Sinar Harapan. Jakarta. 2000.

in two different entities. And more favorable to large corporations with licensing regulations and complicated, long and expensive seed certification processes.⁷

The news is not yet known that in the year 2016 it seems that Indonesia will be the place of filming terminator, how not after 15 years of *bulukumba* scandal, it seems the government again held a red carpet to Monsanto the creator of GMO seed is famous as the "terminator" seed. Beginning last December, as reported on *sindoweekly* 18/12/2015 reported that the Ministry of Agriculture will release corn seeds from genetically engineered products giant biotechnology origin Missouri, United States. The agriculture ministry said it would soon release the transgenic RR NK603 maize belonging to the transnational corporation of the world's largest transgenic plant technology ruler, Monsanto⁸. This is the seed of the first Monsanto transgenic corn that gained planting crops in Indonesia. Previously, since 2011, eight varieties of Monsanto corn seeds only have a consumption license-mostly as food and the rest of the feed. NK 603 claimed superior varieties due to resistance to glyphosate herbicides, chemical compounds used to eradicate weeds. The 90% ruler of the world seed market along with the biotechnology warehouse is indeed an expert in solving problems in terms of planting materials.

From the technological side to answer the challenges of the Monsanto era and the seed terminatornya is the best, but not least the controversy over the birth of this transgenic seed terminator. The pros and cons of transgenic crops have long since rolled, as well as the spread and consumption of these transgenic crops are familiar in the cycle and energy cycle that originated from the mouth. When is the last time we eat tempe, try to see where the tempe pride of the people of Indonesia came from? Not a bit of imported soybean from America is the raw material of making tempe in Indonesia, not a few also it is the result of transgenic plants. Therefore, it would not hurt us to try a little opinion about this issue. Believing in the seeds that promise the future is like believing that the president will fulfill his promise to realize food sovereignty and the welfare of farmers and small-scale food producers in the country. But the lack of understanding and weakness of the Ministry of Agriculture caused a failure to

⁷ Delforge Isabelle, et al., Sonya Sondakh (translator), *Dusta Industri Pangan: Penelusuran Jejak Monsanto* Jogjakarta:Insist Press. (2012).

⁸ Wibowo, R., *Penyediaan Pangan dan Permasalahannya*. Wibowo, R. (Editor). Pertanian dan pangan. Pustaka Sinar Harapan. Jakarta. 2000. 15

translate it. Even deviated far from the principle of Food Sovereignty. Still remember Food Sovereignty as promised in Nawacita, is to provide support to the welfare of its farmers. The 1000 seedland seedling program, and 1000 organic villages are a priority in building Food Sovereignty in the country, instead of using seeds produced by multinational giant seed companies, or programs that focus on productivity but ignore farmers.

Responding to the plan of release of transgenic maize by the ministry of agriculture should Jokowi-JK government should be more observant and careful in translating the concept of Nawacita *Kedaulatan Pangan* (food Sovereignty). Can genetically engineered plants, also known as transgenic crops, will smooth promise in realizing Food Sovereignty? Can this policy also guarantee the welfare of small farmers in Indonesia? Let's look at a few things related to giving the blessing for this GMO seed⁹. The decision to legalize and develop a transnational company printing terminator will greatly hurt the feelings of farmers, the government should be more observant in analyzing the potential of biodiversity resources and farmers' capabilities before then taking action. It is not impossible when the terminator is already growing in Indonesia our farmers will continue to depend on the terminator because it proves better productivity, it is not impossible that other seeds seed which is the local natural wealth of Indonesia will be abandoned and lost nothing. Then who will be responsible for the biodiversity in this country, when the transgenic seed of this terminator can not be re-developed and the Law states that only the owner of the patent is allowed to develop it. And when there is a farmer who then has a great science that can glorify the plant was forced to be silent because it is limited by law, it must be a dark history will happen again, the case of Tukirin Farmer who is unfortunate and poor is demanded by the seed company for selling seeds from the results the skin own plague in this country. Criminalization of farmers who do plant breeding will be rampant. It could be Law No. 12/1992 on cultivation of crops and Law no 29/2000 would be a weapon to kill farmers.

⁹ Husein Sawit, *Liberalisasi Pangan*, (Jakarta, Fekon UI,2007), 151

ENVIRONMENTAL DAMAGE, GENETIC ENGINEERING IN THE ISLAMIC VIEW

A living model of this verse: Major crops hit, we lost at least one million acres by dredging, Plantations that thrived and became popular turned out to be dependent on toxic hormones, and deadly, forbidden pesticides Internationally, and Israel has contributed directly to the commission of these crimes. This has spread to the sabotage sector. Fish, livestock and poultry. The proportion of cancer, kidney failure and liver to the highest rates in the world. The country is campaigning to donate to children with cancer, when children have cancer In our country. Thus, the destruction of offspring is shown, as harmful means of contraception are used, rather than concentrating efforts. On the reconstruction of the land and the unification of Egypt with its Arab and Islamic world.

World arrogance countries in the worst exploitation of scientific progress have provided scientific means and methods of destruction Planting and Breeding: Genetic Engineering, Hormones, Most Contraceptives, and Crop Food Crops Islamic countries, Africa and the South in general, and the use of chemical and biological warfare methods Destruction of plowing and offspring. Through chemicals look innocent American colonialism contributed through Genetic engineering methods to hit the Savannah belt in Africa. This is the main reason behind the famine in This region and countless examples. And graduated from the scope of this research But we refer only to the fact. The new that embodies and gives dimensions and depth to this eloquent verse. Our main goal to confirm that the recitation of this verse The mind must first be turned to those who have power, scepter and influence who deserve to be called, And they will be the first to be called this description (destroy plowing and offspring). God does not like corruption, how can the believers accept corruption, that the Holy Quran incites us to always resist corruption, Corruption does not grow into a phenomenon that applies prospects, unless it is under the protection and supervision of political authority. The Quran refers to this meaning and the context 45 times, this on the one hand the word corruption, but the subject is presented in the Koran Much more widely. Al-Kufr is not a theoretical issue, it is linked to corruption and corruption in the land.

If he is told that he is fearful of Allah, he has taken pride in sin (al-Baqarah: verse 206). It is necessary to refer to many contemporary experiences. We saw hypocritical and weak rulers in many Muslim

countries, Fear God) Spa and a projection and arrogance on the royal self or the Republic. Although God Almighty addressed his Prophet, such as:] O Prophet, fear God and obey the unbelievers and hypocrites [(parties: from verse 1). We have ordered by Islam to protect the environment from pollution and the environment surrounding human beings is the natural components of the earth, air, water, soil, mineral resources and all animal and plant species also contain elements of renewable wealth such as agriculture, irrigation, fishing and forestry and non-renewable wealth such as minerals and oil, In the heavens and in the earth and between them and under the richness (Surat Taha verse 6) The man has destroyed the environment surrounding him land, plant, water and air, the land has been mixed with the poisons of pesticides and chemicals and no longer bear fruit without the impact of the hands of And all of them became a large repository for human waste, waste and waste. The pollution included everything in the human environment. Even the most lactating mothers had a percentage of insecticides, which were used by humans in the treatment of agricultural crops. Many diseases such as allergies, cancer, mental and neurological diseases will be realized and the Day of the Almighty will be spoiled in this land, which God has made stable and pleasing to man. He destroyed every wonderful thing in it, says Blessed and Exalted. Aiqam some who have worked so that they might return) Surah Roman verse 41.

The Holy Quran contains the constitutions of moral justice, which instills in the nature of everything that provides balance and good education and integrity with the movement of the universe and life and the Holy Quran in all that addresses the human self is something he has the mind and they can understand the Koran and assimilation of images of miracles in it because he says (He said: "In the creation of the heavens and the earth, and the difference of night and day to the signs of the first of the doors." (Al-Imran, 190) As long as human beings respect their minds, their succession will remain. The Holy Quran also referred to the intransigence of those who cause this pollution and their insistence on the wasteful destruction of the resources of the Holy Land. The environment by claiming that they provide humans with great services for their inventions. In this, God says (And if it is said to them, Do not spoil the earth, they said, We are reformers).

MONOPOLY IN ISLAMIC VIEW

Monopoly, or *Ihtikaar* in Arabic, is a prohibited practice in Islam because it leads to injustice. The Prophet Muhammad ﷺ has made explicit and specific statements about it. For example, he said: "Whoever withholds food (in order to raise its price), has certainly erred!" [Muslim] Also: "Whoever strives to increase the cost (of products) for Muslims, Allah, the Exalted, will seat him in the center of the Fire on the Day of Resurrection." [Ahmad and al-Haakim]. Mu'aath, may Allah be pleased with him, said that he heard the Messenger of Allah ﷺ saying: "What an evil person is the one who withholds! If Allah causes the prices to drop, he would be saddened, and if He causes them to climb, he would be excited." [Al-Bayhaqi] There are also Hadeeths that prohibit buying goods from trade caravans before reaching the city, and traditions that prohibit selling goods to persons unfamiliar with the market. These are types of monopolistic practices that have known negative effects upon the economic infrastructure.


As to buying goods from trade caravan merchants (who are unaware of current prices in the market), this is most analogous to what is known today as a "special monopolistic pact," under which consumers, typically, are harmed most. As for selling goods to persons unfamiliar with the market, this works to create special markets in which the seller or supplier utilizes the consumer's lack of knowledge of the market and prices to his own end.¹⁰ Ibn Hajar al-Haythami راجد said: "It is said the reason this type of transaction is prohibited (i.e., buying goods from trade caravans) is the concern that the buyer will withhold the goods he purchases from others, and thereafter treat them unfairly and make it difficult for them."

The jurists are at variance as to what a monopoly includes. Is it specific to foods, or does it include everything? The majority opinion, which is also most in line with the aims (*maqasid*) of the Sharee'ah, is that the prohibited monopoly is one that inflicts harm on people and makes it difficult for them with the monopolist's intention to sell when prices soar, and at the highest possible price. Whoever does this would be considered a monopolist, and his deed is unlawful.¹¹

Imam Maalik راجد said (2014) "Monopoly occurs in everything, including food products, jute, woolen or safflower products and the like; whatever, if withheld, would harm people, the withholder should

¹⁰ (article/164929/prophetic-prohibition-against-economic-monopolies, www.islamweb.net).

¹¹ Zaidan, 1988:298

be prevented from so doing, but if he is not harming (consumers) or their commerce, there is nothing wrong with it¹². Imaam Yahya an-Nawawi  said (2014) "The wisdom behind prohibiting monopolistic practices is to prevent the harm that would befall people as a result. Scholars are in agreement that if a person possesses items that people are in dire need of, and they can not find anyone else to supply it, he is to be forced to sell it in order to lessen the harm and remove difficulty from people(P.216)". Dr. Robi has clarified the conditions of the prohibited monopoly. He said (2016) "*After reading through judicial economic writings, we can conclude that the conditions of the prohibited monopoly according to the jurists' are as follows (P.22-23):*

INCREASING THE PRICE

Many traditions underline that the aim of the one who withholds is to increase the price. This can be understood from an economic perspective, since it is not feasible for withholder to undergo loss in order to purchase and store the product while part of it perishes besides the fact that he used his capital to purchase the products to later on sell it at the same price! This individual increases the price when people are in need of the product ¹³. As for one who stores some products, to make them available at a time of need, and makes a small profit by increasing the prices, without harming the people; this person would indeed have brought about a good service to others.

This is, therefore, a form of permitted monopoly. Thus increasing prices of goods is not harmful in itself. In fact, prices of a product usually fluctuate during normal times, and may change from day to day, and can increase to meet normal inflation that is typical for the particular community the trading takes place in. Monopolistic practice, on the other hand, manipulates a situation to intentionally increase prices suddenly and drastically.

DECREASING SUPPLY SUFFICIENTLY

A known method, by which prices are increased, is increasing demand for a product so that this demand exceeds its supply, or, conversely, decreasing supply at a rate greater than the decreasing demand. Naturally, in this case, it is not feasible for the one who withholds the product to increase the supply, unless he decreases its cost, and he

¹² Malik, *al-Muwatha'* 2009, Dar al-Jil Beirut, p.233

¹³Sayid Ahmad Shuri (2005)., *Ushul al-Amnu al-Ghizâi fi al-Qur'ân wa al-Sunnah*, Beirut, Dâr al-Jil, p.2016

defeats his purpose in so doing. In such a case, he would not be able to make a profit unless he reduces its supply partially or totally for a period of time. The jurists differentiated various cases:

- a) Controlling the supply of a product should not be confused with decreasing the supply. Controlling supply, which is lawful and occurs under normal circumstances, usually when products are readily available, is beneficial to both consumer and supplier, as is the case with agricultural goods.
- b) Keeping stock for use should not be confused with stock kept for retail. Considering the jurists' definition of monopoly, we find that they restricted its meaning to buying products which are later withheld, with the intention of retailing them. Therefore, stocking products for personal use is lawful, for it does not disrupt the supply of the product or lead to price increases.
- c) Large markets should not be confused with less important markets. The reason monopolies are prohibited is due to the harm and dangers that arise from them. Therefore, if withholding a product in a large market would cause harm, it would be considered a prohibited monopoly.
- d) Importing goods should not be confused with withdrawing goods from the market. The majority of jurists agree that the importer of goods from distant markets is not a monopolist, as long as he does not cause harm. It is clear from the conditions of prohibited monopoly and textual proofs in the Sharee'ah that monopolies of all sorts would fall under the same ruling, for the following reasons:
 - 1) The traditions that mention prohibition of monopoly are general, and no distinction is made therein between food products and animals.
 - 2) The prohibition of the Messenger of Allah ﷺ regarding monopolies relating to foods is a ruling given to a common item which is monopolized. It does not mean that it is the only item that a monopoly is prohibited in, nor are the general traditions concerning this restricted by those traditions mentioning the prohibition of the Messenger ﷺ in foods.
 - 3) The reason monopolies are prohibited is the harm that arises from them; whenever this reason is present in food monopolies or other monopolies they are to be prevented.
 - 4) Restricting monopolies to foods alone allows monopolies in items that aid in their produce, such as fertilizers, agricultural

machinery, and animals. By right, monopolies in these items should also be disallowed because they lead to monopolies in foods. In addition, present day economic conditions are more complex, specializations have broadened, work details have been divided, people are dependent upon others to fulfill many of their needs, and new products have been invented, which if not readily available cause disorder, and if monopolized cause harm.

For this reason, Abu Yousef, the great Hanafi jurist **رواية** was of the opinion that monopolies of all sorts are prohibited, as long as they harm people. In the language of present day economics it can be said that it is not lawful to play with supply of a necessary product which has no substitute.

The Government Effort.

The government should be consistent and should not implement two conflicting policies, the 1000 sovereign village sovereign concept should be supported by its derivative policies that protect the rights and sovereignty of farmers. The government should give space as much as possible for farmers to become breeder farmers, instead of giving red carpet to a transnational seed company that can squeeze and colonize farmers with the science and technology they possess. Seeds are only one component and a condition of realization of Food Sovereignty, Trust to Nawacita food sovereignty as believing in the seeds that promise the future¹⁴. If the superior seeds are pure without impurity, then the future will be guaranteed, but if the seed business alone is not able to overcome believe the future of Indonesian agriculture will be dark.

The giant Monsanto company is getting stronger in its claws in Indonesia. Monsanto Indonesia has been awarded food and feed safety certificates for RR NK603 corn and genetically or genetically modified Bt Mon89034 Bt from the Genetic Engineering Product Safety Commission (KKH PRG). Monsanto is just waiting for the environmental safety approval from the Biodiversity Agency to produce transgenic corn seeds. Transgenic technology began to be developed in the United States (US) in the 1980s. This technology is claimed to provide high yields because it is resistant to pest and disease attacks. How to modify the plant genes. Until now, transgenic

¹⁴ Sharkey, 2005W.W. *Natural Monopoly* in *The New Palgrave Dictionary of Modern Economics*, Edward Elgar Publishing.p215.

technology is strongly challenged because it endangers the health of people who consume them. Since 2006, Monsanto has produced many seed terminators, ie seeds that can only be planted once so that farmers can not save and use the results for subsequent cultivation. In 2001, Monsanto was involved in a horrendous scandal in Indonesia. Its transgenic cotton project echoed can increase farmers' production from 1 ton per hectare to 3.5 tonnes per hectare, in fact unproven¹⁵.

Monsanto was even suspected of bribery against a number of Indonesian government officials, worth hundreds of thousands of dollars. A number of Ministers and officials were questioned by the Corruption Eradication Commission (KPK). Among them, the then Minister of Agriculture *Bungaran Saragih* and Minister of the Environment *Nabiel Makarim*. Monsanto was convicted by a New York court with a fine of US \$ 1.5 million for violating the foreign corrupt practices act. Monsanto managed to get away from the law of Indonesia. Environmental activists in the world call Monsanto a 'global corporate terrorism'. Today, Monsanto has invested US \$ 40 million to develop hybrid corn and transgenic seeds in Mojokerto, East Java. At least 10,000 hectares of land is prepared. Mojokerto was chosen because the area in the area is very suitable for the development of maize. Multinational food companies such as Monsanto have always created ghosts of food safety threats, so the government feels it must meet national food reserves, especially corn¹⁶.

In September 2012 researchers from the University of Caen, France found that white mice (mice) fed transgenic maize die earlier than in standard diets. In mice fed with NK603 - seed of corn tolerant to a number of Monsanto's Roundup Grass-killing drugs-found mammary tumors and severe liver and kidney damage. The study is published in the journal *Food and Chemical Toxicology*. What KKH PRG does by recommending safe feed on both Monsanto transgenic products is a serious offense. The precautionary principle that must be applied in testing the safety of feed, food, and the environment has been ignored¹⁷. The use of genetically engineered products greatly ignores the empowerment and future of farmers. Companies such as Monsanto

¹⁵ Delforge Isabele, et al., Sonya Sondakh (translator), (2005) *.Dusta Industri Pangan: Penelusuran Jejak Monsanto* Jogjakarta:Insist Press.212

¹⁶ Wesseler, J.; Zilberman, D. (2014). "The economic power of the Golden Rice opposition". *Environment and Development Economics*. Cambridge University Press. 19.

¹⁷ *Ibid.* 311

will take control of seeds, as well as by-products such as herbicides to be designed according to Monsanto products.

The major issue raised by activists is that opposition to the Monsanto project to carry out genetic engineering (GE) and genetic engineering products (Genetically Modified Organisms / GMOs) is very dangerous for human health and causes the corporation to control world food and food products. The truth is, this world project is directed by WHO and FAO, two world institutions under the UN in charge of health and food issues, as well as a conspiracy of corporate control over seeds and world food products. Reports from the Center for Food Safety and Save Our Seeds note that 53 percent of the world commercial seed market has been controlled by only three companies: Monsanto, DuPont, and Syngenta. Dr. Rima Laibow in one of the international forums that discussed this issue was a meeting of the National Association of Nutrition Professional (NANP-2005 Conference) once told the audience to be silent and tighten their belts. He then said, "In 1994, secretly, without the knowledge of the American public, Codex stated that Nutrition is poison, which means dangerous and should be avoided. Under the provisions of Codex, all dairy cows on this earth must be injected with hormones."¹⁸

In his presentation entitled "Codex and Nutricide", Dr. Rima Laibow from the Natural Solutions Foundation (can be seen at <http://www.healthfreedomusa.org/>) said, "... those who control food will rule the world ... They have said in 1962 that the Codex Alimentarius Project (http://www.codexalimentarius.net/web/index_en.jsp) globally will be implemented on December 31, 2009. This is a kind of blueprint.

AGAINST MONSANTO

There has been an anonymous movement in Indonesia that supports the worldwide movement against Monsanto. This is not a movement of an organization, figure, or fun with a political or financial agenda. It is a movement that invites concerned communities (health, environment & culture) to share information, awareness and a passion for speaking out about Monsanto's trading spreading. The aim of the movement is the awakening of consciousness (consumers and farmers) about Monsanto's corporate crime and its products that have been shown to have a very negative impact on the health, environment and culture of

¹⁸ Wesseler, J.; Zilberman, D. (2014). "The economic power of the Golden Rice opposition". Environment and Development Economics. Cambridge University Press. 20

each country's agriculture. Although they claim to be the solution of agro-business development, they in fact paralyze the local economy. This company has no morals and ethics and has gone beyond natural reasonableness. Transgenic issues are bound, in essence, to the health of our environment and the dream of an authentic democracy. Monsanto is more concerned with corporate profits over the welfare of farmers' families and the environment by dishonestly representing the facts about GMOs (genetically engineered food). Why are we lining up?

- Research has shown that Monsanto genetic engineering can cause serious health conditions such as cancerous tumor development, infertility and birth defects.
- Monsanto's transgenic seeds are harmful to the environment and biodiversity. For example, scientists indicate Monsanto's seed has caused the collapse of the colony among the world's bee population.
- In the United States, the FDA, the body responsible for ensuring food security of citizens is steered by former Monsanto executives.
- Recently, Congress and the US President collectively endorsed the "Protection Act Monsanto" which included, forbidding the court to stop selling genetically engineered Monsanto seeds.
- Monsanto continues to create a monopoly on world food supplies, including exclusive patents on seeds and genetics.

MONSANTO'S CRIMES REVEALED

Who is the founder of the Monsanto company? what is produced? in 1901 John F. Queeny founded the Monsanto company where the products were herbicides (2,4-Dichlorophenoxyacetic acid, herbicides Lasso, Ramrod, Roundup, etc.) and seeds of transgenic plants, such as corn and cotton, not only fuel E85 alcohol and the somatotropin hormone are also produced by Monsanto. After acquiring Delta & Pine Land in 2006 Monsanto created the Terminator Seed, this made the farmers lose because the terminator seed was only for planting once and could not be used for further planting. From here the evil side of Monsanto has already been detected, the terminator's seeds monopolize farmers so farmers have to buy and buy again as if they were a fertile business field by Monsanto. As a result of this, activists and sympathizers in various countries took part in an action "March Against Monsanto" on May 25, 2013.

To boycott Monsanto's GMO products, around two million more people in 50 countries simultaneously expressed anger at Monsanto's

cunning. It's really cruel what this American agriculture company has done, knowingly or not know we consume food that has been genetically engineered without our consent. Prophet Muhammad (pbuh) noted that disease began in the gut. We know today that the gut flora (micro biome) is the core of our immune system and a necessary part of digestion. Without a balanced and healthy gut, good health is simply not achievable. Most American mothers are now eating GMO's throughout their pregnancy, so their health is compromised during pregnancy more than ever before in human history. The unborn of modern times are not getting the same nutrition as mothers in the past, and these nutritional deficiencies and toxicities can cause genetic mutations at every step of development. GMO's are causing genetic changes in the un-born that cannot be reversed and that can be passed-down to the next generation. These are permanent DNA changes with unknown consequences. It is also suspected that GMO's play an important role in conditions such as IBS, autoimmune issues, food allergies and general poor health in many ways. It is common for people with food allergies to find quick relief from their "allergies" by switching to organic foods. So are they allergic to the food, or is something wrong with the GMO food? GMO's are linked to sterility in rats after several generations of consumption, and hamster pups began to grow hair inside the mouth after several generations of parents that had been fed GMO food. It seems highly unlikely that any religion could justify these types of conditions brought-on by lab-created agriculture (as apposed to divinely-created) and the food it produces.

CONCLUSION

This plant is balanced, its nutritional value is balanced, its size is balanced, its growth is balanced, its growth is balanced, but for this weighty thing, God has destroyed this indiscriminate growth, and the incident of this kind of cactus, which was brought and planted in Australia, That, had it not been for this insect stood in his face, was a cure for him, and God Almighty does what he pleases. Believers, these verses that you hear, or which you see, or which you read about, do not make these verses pass so passively without standing on their truth, and stand on the greatness of their Creator. What solutions do we recommend?

- Use your money to buy organic products and boycott Monsanto companies and use GMOs in their products.

- The government must stop the logic of security or food security, and implement the principle of food sovereignty. National food needs should be implemented with sustainable local farming and farming systems.
- Urge transgenic labeling that is not yet a liability in Indonesia so that consumers can make informed decisions more easily.
- Urge further scientific research on the health effects of GMOs.
- Continue to inform the public of Monsanto's secrets.
- Take the path to show the world and Monsanto that we will not take this injustice quietly.

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