

"Seeds of Destruction, The Hidden Agenda of Genetic Manipulation" Part 1

Review of F. William Engdahl's Book

By Stephen Lendman

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Today, we're all lab rats in an uncontrolled, unregulated mass human experiment the results of which are unknown. Once GM seeds are introduced to an area, the genie is out of the bottle for keeps.

Reviewing F. William Engdahl's "Seeds of Destruction" - by Stephen Lendman (Part I)

Bill Engdahl is a leading researcher, economist and analyst of the New World Order who's written on issues of energy, politics and economics for over 30 years. He contributes regularly to publications like Japan's Nihon Keizai Shimbun, Foresight magazine, Grant's Investor.com, European Banker and Business Banker International. He's also a frequent speaker at geopolitical, economic and energy related international conferences and is a distinguished Research Associate of the Centre for Research on Globalization where he's a regular contributor.



Engdahl also wrote two important books - "A Century of War: Anglo-American Oil Politics and the New World Order" in 2004. It's an essential history of geopolitics and the importance of oil. Engdahl explains that America's post-WW II dominance rests on two pillars and one commodity - unchallengeable military power and the dollar as the world's reserve currency combined with the quest to control global oil and other energy resources.

Engdahl's newest book is just out from [Global Research: "Seeds of Destruction: The Hidden Agenda of Genetic Manipulation"](#) and subject of this review. It's the diabolical story of how Washington and four Anglo-American agribusiness giants plan world domination by patenting life forms to gain worldwide control of our food supply and why that prospect is chilling. The book's compelling contents are reviewed below in-depth so readers will know the type future Henry Kissinger had in mind in 1970 when he said: "Control oil and you control nations; control food and you control the people."

Remember also, this cabal is one of many interconnected ones with fearsome power and ruthless intent to use it - Big Banks controlling the Federal Reserve and our money, Big Oil our world energy resources, Big Media our information, Big Pharma our health, Big Technology our state-of-the-art everything and watching us, Big Defense our wars, Big Pentagon waging them, and other corporate predators exploiting our lives for profit. Engdahl's book focuses brilliantly on one of them. To fully cover its vital contents, this review will be in three parts for more detail and to make it easily digestible.

Part I of "Seeds of Destruction"

In 2003, Jeffrey Smith's "Seeds of Deception" was published. It exposed the dangers of untested and unregulated genetically engineered foods most people eat every day with no knowledge of the potential health risks. Efforts to inform the public have been quashed, reliable science has been buried, and consider what happened to two distinguished scientists.

One was Ignacio Chapela, a microbial ecologist at the University of California, Berkeley. In September, 2001, he was invited to a carefully staged meeting with Fernando Ortiz Monasterio, Mexico's Director of the Commission of Biosafety in Mexico City. The experience left Chapela shaken and angry as he explained. Monasterio attacked him for over an hour. "First he trashed me. He let me know how damaging to the country and how problematic my information was to be."

Chapela referred to what he and a UC Berkeley graduate student, David Quist, discovered in 2000 about genetically engineered contamination of Mexican corn in violation of a government ban on these crops in 1998. Corn is sacred in Mexico, the country is home to hundreds of indigenous varieties that crossbreed naturally, and GM contamination is permanent and unthinkable - but it happened by design.

Chapela and Quist tested corn varieties in more than a dozen state of Oaxaca communities and discovered 6% of the plants contaminated with GM corn. Oaxaca is in the country's far South so Chapela knew if contamination spread there, it was widespread throughout Mexico. It's unavoidable because NAFTA allows imported US corn with 30% of it at the time genetically modified. Now it's heading for nearly double that amount, and if not contained, it soon could be all of it.

The prestigious journal Nature agreed to publish Chapela's findings, Monasterio wanted them quashed, but Chapela refused to comply. As a result, he was intimidated not to do it and threatened with being held responsible for all damages to Mexican agriculture and its economy.

He went ahead, nonetheless, and when his article appeared in the publication on November 29, 2001 the smear campaign against him began and intensified. It was later learned that Monsanto was behind it, and the Washington-based Bivings Group PR firm was hired to discredit his findings and get them retracted. It worked because the campaign didn't focus on Chapela's contamination discovery, but on a second research conclusion even more serious. He learned the contaminated GM corn had as many as eight fragments of the CaMV promoter that creates an unstable "hotspot." It can cause plant genes to fragment, scatter throughout the plant's genome, and, if proved conclusively, would wreck efforts to introduce GM crops in the country. Without further evidence, there was still room for doubt if the second finding was valid, however, and the anti-Chapela campaign hammered him on it.

Because of the pressure, Nature took an unprecedented action in its 133 year history. It upheld Chapela's central finding but retracted the other one. That was all it took, and the major media pounced on it. They denounced Chapela's incompetence and tried to discredit everything he learned including his verified findings. They weren't reported, his vilification was highlighted, and Monsanto and the Mexican government scored a big victory.

Ironically, on April 18, 2002, two weeks after Nature's partial retraction, the Mexican government announced there was massive genetic contamination of traditional corn varieties in Oaxaca and the neighboring state of Puebla. It was horrifying as up to 95% of tested crops were genetically polluted and "at a speed never before predicted." The news made headlines in Europe and Mexico. It was ignored in the US and Canada.

The fallout for Chapela was UC Berkeley denied him tenure in 2003 because of his article and for criticizing university ties to the biotech industry. He then filed suit in April, 2004 asking remuneration for lost wages, earnings and benefits, compensatory damages for humiliation, mental anguish, emotional distress and coverage of attorney fees and costs for his action. He won in May, 2005 but not in court when the university reversed its decision, granted him tenure and agreed to include retroactive pay back to 2003. The damage, however, was done and is an example of what's at stake when anyone dares challenge a powerful company like Monsanto.

The other man attacked was the world's leading lectins and plant genetic modification expert, UK-based Arpad Pusztai. He was vilified and fired from his research position at Scotland's Rowett Research Institute for publishing industry-unfriendly data he was commissioned to produce on the safety of GMO foods.

His Rowett Research study was the first ever independent one conducted on them anywhere. He undertook it believing in their promise but became alarmed by his findings. The Clinton and Blair governments were

determined to suppress them because Washington was spending billions promoting GMO crops and a future biotech revolution. It wasn't about to let even the world's foremost expert in the field derail the effort. His results were startling and consider the implications for humans eating genetically engineered foods.

Rats fed GMO potatoes had smaller livers, hearts, testicles and brains, damaged immune systems, and showed structural changes in their white blood cells making them more vulnerable to infection and disease compared to other rats fed non-GMO potatoes. It got worse. Thymus and spleen damage showed up; enlarged tissues, including the pancreas and intestines; and there were cases of liver atrophy as well as significant proliferation of stomach and intestines cells that could be a sign of greater future risk of cancer. Equally alarming - this all happened after 10 days of testing, and the changes persisted after 110 days that's the human equivalent of 10 years.

GM foods today saturate our diet. Over 80% of all supermarket processed foods contain them. Others include grains like rice, corn and wheat; legumes like soybeans and soy products; vegetable oils; soft drinks; salad dressings; vegetables and fruits; dairy products including eggs; meat and other animal products; and even infant formula plus a vast array of hidden additives and ingredients in processed foods (like in tomato sauce, ice cream and peanut butter). They're unrevealed to consumers because labeling is prohibited yet the more of them we eat, the greater the potential threat to our health.

Today, we're all lab rats in an uncontrolled, unregulated mass human experiment the results of which are unknown. The risks from it are beyond measure, it will take many years to learn them, and when they're finally revealed it will be too late to reverse the damage if it's proved GM products harm human health as independent experts strongly believe. Once GM seeds are introduced to an area, the genie is out of the bottle for keeps.

Despite the enormous risks, however, Washington and growing numbers of governments around the world in parts of Europe, Asia, Latin America and Africa now allow these products to be grown in their soil or imported. They're produced and sold to consumers because agribusiness giants like Monsanto, DuPont, Dow AgriSciences and Cargill have enormous clout to demand it and a potent partner supporting them - the US government and its agencies, including the Departments of Agriculture and State, FDA, EPA and even the defense establishment. World Trade Organization (WTO) Trade-Related Aspects of Intellectual Property Rights (TRIPS) patent rules also back them along with industry-friendly WTO rulings like the February 7, 2006 one.

It favored a US challenge against European GMO regulatory policies in spite of strong consumer sentiment against these foods and ingredients on the continent. It also violated the Biosafety Protocol that should let nations regulate these products in the public interest, but it doesn't because WTO trade rules sabotaged it. Nonetheless, anti-GMO activism persists, consumers still have a say, and there are hundreds of GMO-free zones around the world, including in the US. That and more is needed to take on the agribusiness giants that so far have everything going their way.

In "Seeds of Deception," Jeffrey Smith did a masterful job explaining the dangers of GM foods and ingredients. Engdahl explains them as well but goes much further brilliantly in his blockbuster book on this topic. It's the story of a powerful family and a "small socio-political American elite (that) seeks to establish control over the very basis of human survival" - future life through the food we eat. The book's introduction says it "reads (like) a crime story." It's also a nightmare but one that's very real and threatening.

This review covers the book in-depth because of its importance. It's an extraordinary work that "reveals a diabolical World of profit-driven political intrigue (and) government corruption and coercion" that's part of a decades-long global scheme for total world dominance. The book deserves vast exposure and must be read in full for the whole disturbing story. It's hoped the material below will encourage readers to do it in their own self-interest and to marshal mass consumer actions to place food safety above corporate profits.

Engdahl's book supplies the ammunition to do it and is also a sequel to his earlier one on war, oil politics and The New World Order and follows naturally from it. It covers the roots of the strategy to control "global food security" that goes back to the 1930s and the plans of a handful of American families to preserve their wealth

and power. But it centers on one in particular that above the others "came to symbolize the hubris and arrogance of the emerging American century" that blossomed post-WW II. Its patriarch began in oil and then dominated it in his powerful Oil Trust. It was only the beginning as the family expanded into "education of youth, medicine and psychology," US foreign policy, and "the very science of life itself, biology, and its applications" in plants and agriculture.

The family's name is Rockefeller. The patriarch was John D., and four powerful later-generation brothers followed him - David, Nelson, Laurance, and John D. III. Engdahl says the GMO story covers "the evolution of power in the hands of an elite (led by this family), determined (above all) to bring the entire world under their sway." They and other elites already control most of it, including the nation's energy, the US Federal Reserve, and other key world central banks. Today, three brothers are gone, David alone remains, and he's still a force at age 92 although he no longer runs the family bank, JP Morgan Chase. He's active in family enterprises, however, including the Rockefeller Foundation to be discussed in Part II of this review.

Reviewing F. William Engdahl's "Seeds of Destruction" - Part II

Thu, 2008-01-03 19:50 – Stephen Lendman
<<http://mostlywater.org/user/313>>

Reviewing F. William Engdahl's "Seeds of Destruction" - by Stephen Lendman (Part II)

William Engdahl's book is a diabolical account of how four Anglo-American agribusiness giants plan world domination by patenting life forms to gain worldwide control of our food supply and our lives.

This review is in three in-depth parts. Part I was published and is available on this web site. Part II follows below.

Washington Launches the GMO Revolution

The roots of the story go back decades, but Engdahl explains the science of "biological and genetic-modification of plants and other life forms first" came out of US research labs in the 1970s when no one noticed.

They soon would because the Reagan administration was determined to make America dominant in this emerging field. The biotech agribusiness industry was especially favored, and companies in the early 1980s raced to develop GMO plants, livestock and GMO-based animal drugs. Washington made it easy for them with an unregulated, business-friendly climate that persisted ever since under Republicans and Democrats alike.

Food safety and public health issues aren't considered vital if they conflict with profits. So the entire population is being used as lab rats for these completely new, untested and potentially hazardous products. And leading the effort to develop them is a company with a "long record of fraud, cover-up, bribery," deceit and disdain for the public interest - Monsanto.

Its first product was saccharin that was later proved to be a carcinogen. It then got into chemicals, plastics and became notorious for Agent Orange that was used to defoliate Vietnam jungles in the 1960s and 1970s and exposed hundreds of thousands of civilians and US troops to deadly dioxin, one of the most toxic of all known compounds.

Along with others in the industry, Monsanto is also a shameless polluter. It has a history of secretly dumping some of the most lethal substances known in water and soil and getting away with it. Today on its web site, however, the company ignores its record and calls itself "an agricultural company (applying) innovation and technology to help farmers around the world be

successful, produce healthier foods, better animal feeds and more fiber, while also reducing agriculture's impact on our environment." Engdahl proves otherwise in his thorough research that's covered below in detail.

In spite of its past, Monsanto and other GMO giants got unregulated free rein in the 1980s and especially after George HW Bush became president in 1989. His administration opened "Pandora's Box" so no "unnecessary regulations would hamper them. Thereafter, "not one single new regulatory law governing biotech or GMO products was passed then or later (despite all the) unknown risks and possible health dangers."

In a totally unfettered marketplace, foxes now guard the henhouse because the system was made self-regulatory. An elder Bush Executive Order assured it. It ruled GMO plants and foods were "substantially equivalent" to ordinary ones of the same variety like corn, wheat or rice. This established the principle of "substantial equivalence" as the "lynchpin of the whole GMO revolution." It was pseudo-scientific mumbo jumbo, but was now law, and Engdahl equated it to a potential biologically catastrophic "Andromeda Strain," no longer the world of science fiction.

Monsanto chose milk as its first GMO product, genetically manipulated it with recombinant Bovine Growth Hormone (rBGH), and marketed it under the trade name, Posilac. In 1993, the Clinton FDA declared it safe and approved it for sale before any consumer use information was available.

It's now sold in every state and promoted as a way cows can produce up to 30% more milk. Problems, however, soon appeared. Farmers reported their stock burned out up to two years sooner than usual, serious infections developed, and some animals couldn't walk. Other problems included the udder inflammation mastitis as well as deformed calves being born.

The information was suppressed, and rBGH milk is unlabeled so there's no way consumers can know. They also weren't told this hormone causes leukemia and tumors in rats, and a European Commission committee concluded humans drinking rBGH milk risk breast and prostate cancer. The EU thus banned the product, but not the US. Despite clear safety issues, the FDA failed to act and allows hazardous milk to be sold below the radar. It was just the beginning.

The Fox Guards the Henhouse

Engdahl reviewed the Pusztai affair, the toll it took on his health, and the modest vindication he finally got. Already out of a job, the 300-year old British Royal Society attacked him in 1999 and claimed his research was "flawed in many aspects of design, execution and analysis and that no conclusions should be drawn from it." It was another blow to a distinguished man who deserved better than what Engdahl called a "recognizable political smear" that also tarnished the Royal Society's credibility for making it. It had no basis in fact and was done because Pusztai's bombshell threatened to derail Britain's hugely profitable GMO industry and do the same thing to its US counterpart.

As for Pusztai, after five years, several heart attacks, and a ruined career, he finally learned what happened after he announced his findings. Monsanto was the culprit. The company complained to Clinton who, in turn, alerted Tony Blair. Pusztai's findings had to be quashed and he discredited for making them. He was nonetheless able to reply with the help of the highly respected British scientific journal, The Lancet. In spite of Royal Society threats against him, it's editor published his article, but at a cost. After publication, the Society and biotech industry attacked The Lancet for its action. It was a further shameless act.

As a footnote, Pusztai now lectures around the world on his GMO research and is a consultant to start-up groups researching the health effects of these foods. Along with him and his wife, his co-author, Professor Stanley Ewen, also suffered. He lost his position at the University of Aberdeen, and Engdahl notes that the practice of suppressing unwanted truths and punishing whistleblowers is the rule, not the exception. Industry demands are powerful, especially when they affect the bottom line.

The Blair government went even further. It commissioned the private firm, Grainseed, to conduct a three-year study to prove GMO food safety. London's Observer newspaper later got UK Ministry of Agriculture documents on it that showed tests were rigged and produced "some strange science." At least one Grainseed researcher manipulated the data to "make certain seeds in the trials appear to perform better than they really did."

Nonetheless, the Ministry recommended a GMO corn variety be certified, and the Blair government issued a new code of conduct under which "any employee of a state-funded research institute who dared to speak out on (the) findings into GMO plants could face dismissal, be sued for breach of contract or face a court injunction." In other words, whistleblowing was now illegal even if public health was at stake. Nothing would be allowed to stop the agribusiness juggernaut from proceeding unimpeded.

The Rockefeller Plan - "Tricky" Dick Nixon and Trickier Rockefellers

Richard Nixon took office at a time of national crisis. Along with the Vietnam morass, the economy was in trouble after the "golden age of capitalism" peaked in 1965 and corporate profits were declining. The globalization phenomenon began at this time when American companies and the nation's wealthiest families found investing abroad more profitable than at home because more opportunities were available outside the country.

Food was one of them and was about to be renamed "agribusiness." Engdahl called it "a paradigm shift" with one man having the most decisive role - former New York governor Nelson Rockefeller "who deeply wanted to be President" but had to settle for number two under Gerald Ford.

He and his brothers ran the family's Rockefeller Foundation and various other tax-exempt entities like the Rockefeller Brothers Trust. Nelson and David were the most influential figures, and their power center was the exclusive New York Council on Foreign Relations. Engdahl states: "In the 1960s the Rockefellers were at the power center of the US establishment (and) Secretary of State Henry Kissinger (was) their hand-picked protege." It was a marriage made in hell.

Enter the "crisis of democracy" or as right wing Harvard professor, Samuel Huntington, called it, an "excess of democracy" at a time masses of ordinary citizens protested their government's policies. It captured media attention, posed a threat to the country's establishment, and had to be addressed. In 1973 it was at a meeting of 300 influential, hand-picked Rockefeller friends from North America, Europe and Japan. They founded a powerful new organization called the Trilateral Commission with easily recognizable member names.

Zbigniew Brzezinski was its first Executive Director, and other charter members included Jimmy Carter (who became David Rockefeller's favored 1976 presidential candidate over Gerald Ford), George HW Bush, Paul Volker (Carter's Fed Chairman) and Alan Greenspan who was then a Wall Street investment banker.

The new organization "laid the basis for a new global strategy for a network of interlinked international elites," many of whom were Rockefeller business partners. Combined, their financial, economic and political clout was unmatched. So was their ambition that George HW Bush later called a "new world order." Trilateralists laid the foundation for today's globalization. They also followed Huntington's advice about democracy's unreliability that had to be checked by "some measure of (public) apathy and non-involvement (combined with) secrecy and deception."

The Commission further advocated privatizing public enterprises along with deregulating industry. Trilateralist Jimmy Carter embraced the dogma enthusiastically as President. He began the process that Ronald Reagan continued in the 1980s almost without noticing its originator or placing blame where it's due.

In 1973, Nixon was in office with Kissinger his Svengali. One observer described him at the time as "like sludge out of a swamp without a spark of life...no soul, a slip of life, a kind of ghoulish (and) a sort of lubricant (to keep the ship of state running)." So he did by "tak(ing) complete control (of) US foreign policy" as both Secretary of State and National Security Advisor. Further, he "was to make food a centerpiece of his diplomacy along with oil geopolitics."

In the Cold War era, food became a strategic weapon by masquerading as "Food for Peace." It was cover for US agriculture to engineer the transformation of family farming into global agribusiness with food the tool and small farmers eliminated so it could be used most effectively.

World agriculture domination was to be "one of the central pillars of post-war Washington policy, along with (controlling) world oil markets and non-communist world defense sales." The defining 1973 event was a world food crisis.

The shortage of grain staples along with the first of two 1970s oil shocks advanced a "significant new Washington policy turn." Oil and grains were rising three to fourfold in price when the US was the world's largest food surplus producer with the most power over prices and supply. It was an ideal time for a new alliance between US-based grain trading companies and the government. It "laid the groundwork for the later gene revolution."

Enter what Engdahl called the "great train robbery" with Kissinger the culprit. He decided US agriculture policy was "too important to be left in the hands of the Agriculture Department" so he took control of it himself. The world desperately needed grain, America had the greatest supply, and the scheme was to use this power to "radically change world food markets and food trade." The big winners were grain traders like Cargill, Archer Daniels Midland (ADM) and Continental Grain that were helped by Kissinger's "new food diplomacy (to create) a global agriculture market for the first time." Food would "reward friends and punish enemies," and ties between Washington and business lay at the heart of the strategy.

The global food market was being reorganized, corporate interests were favored, political advantage was exploited, and the 1990s "gene revolution" groundwork was laid. Rockefeller interests and its Foundation were to play the decisive role as events unfolded over the next two decades. It began under Nixon as the cornerstone of his farm policy, free trade was the mantra, corporate grain traders were the beneficiaries, and family farms had to go so agribusiness giants could take over.

Bankrupting them was the plan to remove an "excess (of) human resources." Engdahl called it a "thinly veiled form of food imperialism" as part of a scheme for the US to become "the world granary." The family farm was to become the "factory farm," and agriculture was to be "agribusiness" to be dominated by a few corporate giants with incestuous ties to Washington.

Dollar devaluation was also part of the scheme under Nixon's New Economic Plan (NEP) that included closing the gold window in 1971 to let the currency float freely. Developing nations were targeted as well with the idea that they forget about being food-sufficient in grains and beef, rely on America for key commodities, and concentrate instead on small fruits, sugar and vegetables for export. Earned foreign exchange could then buy US imports and repay IMF and World Bank loans that create a never-ending cycle of debt slavery. GATT was also used and later the WTO with corporate-written rules for their own bottom line interests.

A Secret National Security Memo

In the midst of a worldwide drought and stock market collapse, consider Henry Kissinger's classified memo in April, 1974. It was on a secret project called National Security Study Memorandum 200 (NSSM 200) that was shaped by Rockefeller interests and aimed to adopt a "world population plan of action" for drastic global population control - meaning to reduce it. The US led the effort, and it worked like this - it made birth control in developing countries a prerequisite for US aid.

Engdahl summed it up in blunt terms: "if these inferior races get in the way of our securing ample, cheap raw materials, then we must find ways to get rid of them."

Kissinger's scheme was "simpler contraceptive methods through bio-medical research" that almost sounds like DuPont's old slogan, "Better things for better living through chemistry." Later on, DuPont dropped "through chemistry" as evidence mounted on their toxic effects and a changing company in 1999 began using "The Miracles of Science" in their advertising. The Nazis also aimed big and sought control.

Population culling was part of it that for them was called "eugenics" and their scheme was to target "inferior" races to preserve the "superior" one.

NSSM 200 was along the same idea and was tied to the agribusiness agenda that began with the 1950s and 1960s "Green Revolution" to control food production in targeted Latin American, Asian and African countries.

Kissinger's plan had two aims - securing new US grain markets and population control with 13 "unlucky" countries chosen. Among them were India, Brazil, Nigeria, Mexico and Indonesia, and exploiting their resources depended on drastic population reductions to reduce homegrown demand.

The scheme was ugly and pure Kissinger. It recommended forced population control and other measures to ensure strategic US aims. Kissinger wanted global numbers reduced by 500 million by the year 2000 and argued for doubling the 10 million annual death rate to 20 million going forward.

Engdahl called it "genocide" according to the strict definition of the 1948 UN Convention on the Prevention and Punishment of the Crime of Genocide statute that defines this crime legally. Kissinger was guilty under it for wanting to withhold food aid to "people who can't or won't control their population growth." In other words, if they won't do it, we'll do it for them.

The strategy included fertility control called "family planning" that was linked to the availability of key resources. The Rockefeller family backed it, Kissinger was their "hired hand," and he was well-rewarded for his efforts. It included keeping him from being prosecuted where he's wanted as a war criminal and could be arrested overseas like Pinochet was in the UK when he was placed under house arrest in 2006.

Besides his better-known crimes, consider what he did to poor Brazilian women through a policy of mass sterilization under NSSM 200. After 14 years of the program, the Brazilian Health Ministry discovered shocking reports of an estimated 44% of all Brazilian women between ages 14 and

55 permanently sterilized. Organizations like the International Planned Parenthood Federation and Family Health International were involved, and USAID directed the program. It has a long disturbing history backing US imperialism while claiming on its web site it extends "a helping hand to those people overseas struggling to make a better life, recover from a disaster or striving to live in a free and democratic country."

Even more disturbing was an estimated 90% of Brazilian women of African descent sterilized in a nation with a black population second only to Nigeria's. Powerful figures backed the scheme but none more influential than the Rockefellers with John D. III having the most clout on population policy. Nixon appointed him head of the Commission on Population Growth and the American Future in 1969. Its earlier work laid the ground for Kissinger's NSSM 200 and its policy of extermination through subterfuge that was based on a "decades old effort to breed human traits" by the Nazi "Eugenics" process.

The Brotherhood of Death

Long before Kissinger (and his assistant Brent Scowcroft) made population reduction official US foreign policy, the Rockefellers were experimenting on humans. JD III led the effort. In the 1950s, while Nelson exploited cheap Puerto Rican labor in New York and on the island, brother JD III conducted mass sterilization experiments on their women.

By the mid-1960s, Puerto Rico's Public Health Department estimated the toll - one-third or more of them of child-bearing age (unsuspecting poor women) were permanently sterilized.

JD III expressed his views in a 1961 UN Food and Agriculture Organization lecture: "To my mind, population growth (and its reduction) is second only to control of atomic weapons as the paramount problem of the day." He meant, of course, its unwanted parts to preserve valuable resources for the privileged. He was also influenced by eugenicists, race theorists and Malthusians at the Rockefeller Foundation who believed they had the right to decide who lives or dies.

Powerful figures were behind the effort as well as leading American business families. So were notables in the UK then and earlier like Winston Churchill, John Maynard Keynes and others. Alan Gregg was as well as Rockefeller Foundation Medical Division chief for 34 years. Consider his views. He said "people pollute, so eliminate pollution by eliminating (undesirable) people." He compared city slums to cancerous tumors and called them "offensive to decency and beauty." Better to remove them and cleanse the landscape.

This was policy, and it was "key to understanding (the Foundation's later efforts) in the revolution in biotechnology and plant genetics."

Its mission from inception was to "(cull) the herd, or systematically (reduce) populations of 'inferior breeds.'" The problem for supremacists is too many of a lesser element spells trouble when they demand more of what the privileged want for themselves. Solution - remove them with lots of ways to do it from birth control to sterilization to starvation to wars of extermination.

These ideas were American, they took root 100 years ago, noted names backed it like Rockefeller, Carnegie and Harriman, and they later influenced the Nazis. Hitler praised the practice in his 1924 book, "Mein Kampf," then used it as Fuhrer to breed a "master race." Supreme Court Justice Oliver Wendell Holmes also supported it, and consider his 1927 decision in Buck v. Bell. He ruled Virginia's forced sterilization program was constitutional and wrote: "It is better for all the world, if instead of waiting to execute degenerate offspring for crime....society can prevent those who are manifestly unfit from continuing their kind....Three generations of imbeciles are enough." This from a noted Supreme Court Justice that would have horrific consequences still in play. It "opened the floodgates" for sterilizing many thousands of women considered "subhuman" detritus and in the way.

JD III was right in step with this thinking. He was nurtured on Malthusian pseudo-science and embraced the dogma. He joined the family Foundation in 1931 where he was influenced by eugenicists like Raymond Fosdick and Frederick Osborn. Both were founding members of the American Eugenics Society. In 1952, he used his own funds to found the New York-based Population Council in which he promoted studies on over-population dangers that were openly racist. For the next 25 years, the Council spent \$173 million on global population reduction and became the world's most influential organization promoting these supremacist ideas.

But it avoided the term "eugenics" because of its Nazi association and instead used language like birth control, family planning and free choice. It was all the same, and before the war Rockefeller associate and family Foundation board member, Frederick Osborn, enthusiastically supported Nazi eugenics experiments that led to mass exterminations now vilified. Back then, he believed this was the "most important experiment that has ever been tried" and later wrote

a book. It was called "The Future of Human Heredity" with "eugenics" in the subtitle. It stated women could be convinced to reduce their births voluntarily and began substituting the term "genetics" for the one now out of favor.

During the Cold War, culling the population drew supporters that included the cream of corporate America. They backed private population reduction initiatives like Margaret Sanger's International Planned Parenthood Federation (IPPF). The major media also spread the notion that "over-population in developing countries leads to hunger and more poverty (which, in turn, becomes) the fertile breeding ground for" international communism. American agribusiness would later get involved through a policy of global food control. Food is power. When used to cull the population, it's a weapon of mass destruction.

Consider the current situation with the UN Food and Agriculture Organization (FAO) reporting sharply higher food prices along with severe shortages, and warned this condition is extreme, unprecedented and threatens billions with hunger and starvation. Prices are up 40% this year after a 9% rise in 2006, and it forced developing states to pay 25% more for imported food and be unable to afford enough of it.

Various explanations for the problem are cited that include growing demand, higher fuel and transportation costs, commodity speculation, the use of corn for ethanol production (taking one-third of the harvest that's more than what's exported for food) and extreme weather while ignoring the above implications - the power of agribusiness to manipulate supply for greater profits and "cull the herd" in targeted Third World countries. Affected ones are poor, and FAO cites 20 in Africa, nine in Asia, six in Latin America and two in Eastern Europe that in total represent 850 million endangered people now suffering from chronic hunger and related poverty. They depend on imports, and their diets rely heavily on the type grains agribusiness controls - wheat, corn and rice plus soybeans. If current prices stay high and shortages persist, millions will die - maybe by design.

Fateful War and Peace Studies

Engdahl reviewed how American elites in the late 1930s began planning an American century in the post-war world - a "Pax Americana" to succeed the fading British Empire. The New York Council of Foreign Relations War and Peace Studies Group led the effort, and Rockefeller Foundation money financed it. As Engdahl put it: they'd be paid back later "thousands-fold." First though, America had to achieve world dominance militarily and economically.

The US business establishment envisioned a "Grand Area" to encompass most of the world outside the communist bloc. To exploit it, they hid their imperial designs beneath a "liberal and benevolent garb" by defining themselves as "selfless advocates of freedom for colonial peoples (and) the enemy of imperialism." They would also "champion world peace through multinational control." Sound familiar?

Like today, it was just subterfuge for their real aims that were pursued under the banner of the United Nations, the new Bretton Woods framework, the IMF, World Bank and the GATT. They were established for one purpose - to integrate the developing world into the US-dominated Global North so its wealth could be transferred to powerful business interests, mostly in the US. The Rockefeller family led the effort, the four brothers were involved, and Nelson and David were the prime movers.

While JD III was plotting depopulation and racial purity schemes, Nelson worked "the other side of the fence....as a forward-looking international businessman" in the 1950s and 1960s. While preaching greater efficiency and production in targeted countries, he schemed, in fact, to open world markets for unrestricted US grain imports. It became the "Green Revolution."

Nelson concentrated on Latin America. During WW II, he coordinated US intelligence and covert operations there, and those efforts laid the groundwork for family interests post-war. They

were tied to the region's military because friendly strongmen are the type leaders we prefer to guarantee a favorable business climate.

From the 1930s, Nelson Rockefeller had significant Latin American interests, especially in areas of oil and banking. In the early 1940s, he sought new opportunities and along with Laurance bought vast amounts of cheap, high-quality farmland so the family could get into agriculture. It wasn't for family farming, however. The Rockefellers wants global monopolies, and their scheme was to do in agriculture what the family patriarch did in oil along with using food and agricultural technology as Cold War weapons.

By 1954, PL 480, or "Food for Peace," established surplus food as a US foreign policy tool, and Nelson used his considerable influence on the State Department because every post-war Department Secretary, from 1952 through 1979, had ties to the family through its Foundation: namely, John Foster Dulles, Dean Rusk, Henry Kissinger and Cyrus Vance.

These men supported Rockefeller views on private business and knew the family saw agriculture the way it sees oil - commodities to be "traded, controlled, (and) made scarce or plentiful" to suit the foreign policy goals of dominant corporations controlling their trade.

The family got into agriculture in 1947 when Nelson founded the International Basic Economy Corporation (IBEC). Through it, he introduced "mass-scale agribusiness in countries where US dollars could buy huge influence in the 1950s and 1960s." Nelson then allied with grain-trading giant Cargill in Brazil where they began developing hybrid corn seed varieties with big plans for them. They would make the country "the world's third largest producer of (these) crop(s) after the US and China." It was part of Rockefeller's "Green Revolution" that by the late 1950s "was rapidly becoming a strategic US economic strategy alongside oil and military hardware."

Latin America was the beginning of a food production revolution with big aims - to control the "basic necessities of the majority of the world's population." As agribusiness in the 1990s, it was "the perfect partner for the introduction...of genetically engineered food crops or GMO plants." This marriage masqueraded as "free market efficiency, modernization (and) feeding a malnourished world." In fact, it was nothing of the sort. It cleverly hid "the boldest coup over the destiny of entire nations ever attempted."

Creating Agribusiness - Rockefeller and Harvard Invent USA "Agribusiness"

The "Green Revolution began in Mexico and spread across Latin America during the 1950s and 1960s." It was then introduced in Asia, especially in India. It was at a time we claimed our aim was to help the world through free market efficiency. It was all one way, from them to us so corporate investors could profit. It gave US chemical giants and major grain traders new markets for their products. Agribusiness was going global, and Rockefeller interests were in the vanguard helping industry globalization take shape.

Nelson worked with his brother, JD III, who set up his own Agriculture Development Council in 1953. They shared a common goal - "cartelization of world agriculture and food supplies under their corporate hegemony."

At its heart, it aimed to introduce modern agriculture techniques to increase crop yields under the false claim of wanting to reduce hunger.

The same seduction was later used to promote the Gene Revolution with Rockefeller interests and the same agribusiness giants backing it.

In the 1960s, Lyndon Johnson also used food as a weapon. He wanted recipient nations to agree to administration and Rockefeller preconditions that population control and opening their markets to US industry was part of the deal. It also involved training developing world agriculture scientists and agronomists in the latest production concepts so they could apply them at home. This "carefully constructed network later proved crucial" to the Rockefeller

strategy to "spread the use of genetically-engineered crops around the world," helped along with USAID funding and CIA mischief.

"Green Revolution" tactics were painful and took a devastating toll on peasant farmers. They destroyed their livelihoods and forced them into shantytown slums that now surround large Third World cities. There they provide cheap exploitable labor from people desperate to survive and easy prey for any way to do it.

The "Revolution" also harmed the land. Monoculture displaces diversity, soil fertility and crop yields decrease over time, and indiscriminate use of chemical pesticides causes serious later health problems. Engdahl quoted an analyst calling the "Green Revolution" a "chemical revolution" developing states couldn't afford. That began the process of debt enslavement from IMF, World Bank and private bank loans. Large landowners can afford the latter. Small farmers can't and often, as a result, are bankrupted. That, of course, is the whole idea.

The "Green Revolution" was based on the "proliferation of new hybrid seeds in developing markets" that characteristically lack reproductive capacity. Declining yields meant farmers had to buy seeds every year from large multinational producers that control their parental seed lines in house. A handful of company giants held patents on them and used them to lay the groundwork for the later GMO revolution. Their scheme was soon evident. Tradition farming had to give way to High Yield Varieties (HYV) of hybrid wheat, corn and rice with major chemical inputs.

Initially, growth rates were impressive but not for long. In countries like India, agricultural output slowed and fell. They were losers so agribusiness giants could exploit large new markets for their chemicals, machinery and other product inputs. It was the beginning of "agribusiness," and it went hand-in-hand with the "Green Revolution" strategy that would later embrace plant genetic alterations.

Two Harvard Business School professors were involved early on - John Davis and Ray Goldberg. They teamed with Russian economist, Wassily Leontief, got Rockefeller and Ford Foundation funding, and initiated a four-decade revolution to dominate the food industry. It was based on "vertical integration" of the kind Congress outlawed when giant conglomerates or trusts like Standard Oil used them to monopolize entire sectors of key industries and crush competition.

It was revived under Trilateralist President Jimmy Carter disguised as "deregulation" to dismantle "decades of carefully constructed...health, food safety and consumer protection laws." They would now give way under a new wave of industry-friendly vertical integration. Supported by a public campaign, it claimed that government was the problem, it encroached too much on our lives, and it had to be rolled back for greater personal "freedom."

Early in the 1970s, agribusiness producers controlled US food supplies. They'd now go global on a scale without precedent. The goal - "staggering profits" by "restructur(ing) the way Americans grew food to feed themselves and the world." Ronald Reagan continued Carter's policy and let the top four or five monopoly players control it. It led to an unprecedented "concentration and transformation of American agriculture" with independent family farmers driven off their land through forced sales and bankruptcies so "more efficient" agribusiness giants could move in with "Factory Farms." Remaining small producers became virtual serfs as "contract farmers." America's landscape was changing with people trampled on for profits.

Engdahl explained a gradual process of "wholesale merger(s) and consolidation...of American food production...into giant corporate global concentrations" with familiar names - Cargill, Archer Daniels Midland (ADM), Smithfield Foods and ConAgra. As they grew bigger, so did their bottom lines with annual equity returns rising from 13% in 1993 to 23% in 1999. Hundreds of thousands of small farmers lost out for it as their numbers dropped by 300,000 from 1979 to

1998 alone. It was even worse for hog farmers with a drop from 600,000 to 157,000 so 3% of producers could control 50% of the market.

The social costs were staggering and continue to be as "entire rural communities collapsed and rural towns became ghost towns." Consider the consequences:

- by 2004, the four largest beef packers controlled 84% of steer and heifer slaughter - Tyson, Cargill, Swift and National Beef Packing;
- four giants controlled 64% of hog production - Smithfield Foods, Tyson, Swift and Hormel;
- three companies controlled 71% of soybean crushing - Cargill, ADM and Bunge;
- three giants controlled 63% of all flour milling, and five companies controlled 90% of global grain trade;
- four other companies controlled 89% of the breakfast cereal market - Kellogg, General Mills, Kraft Foods and Quaker Oats;
- in 1998, Cargill acquired Continental Grain to control 40% of national grain elevator capacity;
- four large agro-chemical/seed giants controlled over 75% of the nation's seed corn sales and 60% of it for soybeans while also having the largest share of the agricultural chemical market - Monsanto, Novartis, Dow Chemical and DuPont; six companies controlled three-fourths of the global pesticides market;
- Monsanto and DuPont controlled 60% of the US corn and soybean seed market - all of it patented GMO seeds; and
- 10 large food retailers controlled \$649 billion in global sales in 2002, and the top 30 food retailers account for one-third of global grocery sales.

At the dawn of a new century, family farming was decimated by corporate agribusiness' vertically integrated powers that surpassed their earlier 1920s heyday dominance. The industry was now the second most profitable national one after pharmaceuticals with domestic annual sales exceeding \$400 billion. The next aim was merging Big Pharma with Big food producing giants, and the Pentagon's National Defense University took note in a 2003-issued paper - "Agribusiness (now) is to the United States what oil is to the Middle East." It's now considered a "strategic weapon in the arsenal of the world's only superpower," but at a huge cost to consumers everywhere.

Engdahl reviewed the "revolution" in animal factory production that EarthSave International founder and Baskin-Robbins heir, John Robbins, covered honestly, thoroughly and compassionately in two explosive books on the subject - "Diet for A New America" in 1987 and "The Food Revolution" in 2001. They were both stinging indictments of corporate-produced foods - horrifying animal cruelty, unsafe foods, unsanitary conditions, rampant use of antibiotics humans then ingest, massive environmental pollution, and new unknown dangers from genetic engineering - all allowed by supposed government watchdog regulatory agencies that ignore public health concerns.

Agribusiness was on a roll, government supports it with tens of billions in annual subsidies, and the 1996 Farm Bill suspended the Secretary of Agriculture's power to balance supply and demand so henceforth unrestricted production is allowed. Food producing giants took full advantage to control market forces. They crushed family farmers by over-producing and forcing down prices. They also pressured land values as small operators failed. It created opportunities for land acquisition on the cheap for greater concentration and dominance.

Next came integrating the Gene Revolution into agribusiness the way Harvard's Ray Goldberg saw it coming. Entire new sectors were to be created from genetic engineering. It would include GMO drugs from GMO plants in a new "argi-ceutical system." Goldberg predicted a "genetic revolution (through) an industrial convergence of food, health, medicine, fiber and energy businesses" - in a totally unregulated marketplace. Unmentioned was a threatening consumer nightmare hidden from view.

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Unleashing GMO Seeds: "Food is Power" Reviewing F. William Engdahl's *Seeds of Destruction*, Part III.

By Stephen Lendman
[Global Research](#), January 19, 2008

Part III

*This is the third and final part of Stephen Lendman's detailed review of William Engdahl's *Seeds of Destruction*. The story is chilling and needs to be read in full to learn the type future they plan for us.*

[Seeds of Destruction](#)

Parts I and II were published by Global Research.

Food is Power

Rockefeller Foundation funding was the Gene Revolution's catalyst in 1985 with big aims - to learn if GMO plants were commercially feasible and if so spread them everywhere. It was the "new eugenics" and the culmination of earlier research from the 1930s. It was also based on the idea that human problems can be "solved by genetic and chemical manipulations....as the ultimate means of social control and social engineering." Foundation scientists sought ways to do it by reducing infinite life complexities to "simple, deterministic and predictive models" under their diabolical scheme - mapping gene structures to "correct social and moral problems including crime, poverty, hunger and political instability." With the development of essential genetic engineering techniques in 1973, they were on their way.

They're based on what's called recombitant DNA (rDNA), and it works by genetically introducing foreign DNA into plants to create genetically modified organisms, but not without risks. London Institute of Science in Society chief biologist, Dr. Mae-Wan Ho, explained the dangers because the process is imprecise. "It is uncontrollable and unreliable, and typically ends up damaging and scrambling the host genome, with entirely unpredictable consequences" that might unleash a deadly unrecallable "Andromeda Strain." Research continued anyway amidst lies that risks were minimal and a promised future lay ahead. All that mattered were huge potential profits and geopolitical gain so let the good times roll and the chips fall where they may.

One project was to map the rice genome. It launched a 17 year effort to spread GMO rice around the world with Rockefeller Foundation money behind it. It spent millions funding 46 worldwide science labs. It also financed the training of hundreds of graduate students and developed an "elite fraternity" of top scientific researchers at Foundation-backed research institutes. It was a diabolical scheme aiming big - to control the staple food for 2.4

billion people and in the process destroy the biological diversity of over 140,000 developed varieties that can withstand droughts, pests and grow in every imaginable climate.

Asia was the prime target, and Engdahl explained the sinister tale of a Philippines-based Foundation-funded institute (IRRI). It had a gene bank with "every significant rice variety known" that comprised one-fifth of them all. IRRI let agribusiness giants illegally use the seeds for exclusive patented genetic modification so they could introduce them in markets and dominate them by requiring farmers be licensed and forced to pay annual royalty fees.

By 2000, a successful "Golden Rice" was developed that was beta-carotene (Vitamin A) enriched. It was marketed on the fraudulent claim that a daily bowl could prevent blindness and other Vitamin A deficiencies. It was a scam as other products are far better sources of this nutrient and to get enough of it from any type rice requires eating an impossible nine kilograms daily (about 20 pounds). Nonetheless, gene revolution backers were ready for their next move: "the consolidation of global control over humankind's food supply" with a new tool to do it - the WTO. Corporate giants wrote its rules favoring them at the expense of developing nations shut out.

Unleashing GMO Seeds - A Revolution in World Food Production Begins

Argentina became the first "guinea pig" nation in a reckless experiment with untested and potentially hazardous new foods. No matter, potential profits are enormous so concerns for public safety and human health are ignored. Let the revolution begin in real time.

By the end of the 1980s, a global network of genetically-trained molecular biologists were ready to kick it off, Argentina was their first test laboratory, and it was hailed as a "Second Green Revolution." Look what followed. From 1996 to 2004, worldwide GMO crop planting expanded to 167 million acres, a 40-fold increase using 25% of total worldwide arable land. An astonishing two-thirds of the acreage (106 million acres) was in the US. By 2004, Argentina was in second place with 34 million acres while production is expanding in Brazil, China, Canada, South Africa, Indonesia, India, the Philippines, Colombia, Honduras, Spain and Eastern Europe (Poland, Romania and Bulgaria). The revolution was on a roll and looks unstoppable.

Argentina was an easy mark when Carlos Menem became President. He's a corporatist's dream, a willing Washington Consensus subject, and he even let David Rockefeller's New York and Washington friends draft his economic program with Chicago School dogma at its heart - privatizations, deregulation, local markets open to imports, and cuts in already reduced social services.

By the mid-1990s, Menem was "revolutioniz(ing) Argentina's traditional productive agriculture" to one based on monoculture for global export. He took office in July, 1989. By 1991, Argentina was already a "secret experimental laboratory for developing genetically engineered crops" with its people unknowing human guinea pigs. In effect, the country's agriculture was handed to Monsanto, Dow, DuPont and other GMO giants to exploit for profit with untested and potentially hazardous new products. Things would never be the same again.

In 1995, Monsanto introduced Roundup Ready (RR) soybeans with its special gene gun-inserted bacterium that allows the plant to survive being sprayed by the glyphosate herbicide, Roundup. GMO soybeans are thus protected from the same product used in Colombia to eradicate drugs that also harms legal crops and humans at the same time.

Foreign investors have large land holdings in Argentina, the late 1990s - early 2000s economic crisis made vast more amounts available, and bankrupted farmers had to give it up for pennies on the dollar. Corporate predators and Latifundista landholders took full advantage, but look what for.

After Monsanto's Roundup Ready soybeans were licensed in 1996, "a once-productive national family farm-based agriculture system (was turned into) a neo-feudal state system dominated by a handful of powerful, wealthy" owners to exploit for profit. Menem went along. In less than a decade, he allowed the nation's corn, wheat and cattle diversity to be replaced by corporate-controlled monoculture. It was a Faustian sellout, and it helped Monsanto's stock price hit an all-time high near year end 2007.

Earlier decades of diversity and crop rotation preserved the country's soil quality. That changed after soybean monoculture moved in with its heavy dependence on chemical fertilizers. Traditional Argentine crops vanished, and cattle were forced into cramped feedlots the way they are in the US. Engdahl quoted a leading country agro-ecologist predicting these practices will destroy the land in 50 years if they continue. Nothing suggests a stoppage, and by 2004, nearly half the nation's crop land was for soybeans and over 90% of it solely for Monsanto's Roundup Ready brand. Engdahl put it this way: "Argentina had become the world's largest uncontrolled experimental laboratory for GMO" and its people unwitting lab rats.

Mechanized GMO soybean monoculture took over, the country's dairy farms were reduced by half, and "hundreds of thousands of workers (were forced) off the land" into poverty. Monsanto was on a roll and used various exploitive schemes. Included were ploys to ignore Argentine law against collecting royalty payments. Smuggling Roundup soybean seeds illegally into Brazil, Paraguay, Bolivia and Uruguay also went on sub rosa. In addition, the company got Menem to allow it to collect "extended royalties" in 1999 even though Argentine law prohibited the practice.

Monsanto then pressured the government to recognize its "technology license fee." A Technology Compensation Fund was established and managed by the Ministry of Agriculture. It forced farmers to pay a near-1% fee on GMO soybean sales. Monsanto and other GMO seed suppliers got the funds. By 2005, Brazil's government relented. It legalized GMO seeds for the first time, and by 2006, the US, Argentina and Brazil accounted for over 81% of world soybean production. It "ensure(s) that practically every animal in the world fed soymeal (is) eating genetically engineered soybeans." It also means everyone eating these animals does the same thing unwittingly.

Argentina experienced more fallout as well that threatens to spread. Its soybean monoculture affects the countryside hugely. Traditional farmers close to soybean ones are seriously harmed by aerial Roundup spraying. Their crops are destroyed as that's how this herbicide works. It kills all plants without gene-modified resistance. It also kills animals with farmers reporting their chickens died and horses were gravely harmed. Humans are affected as well and show violent symptoms of nausea, diarrhea, vomiting and herbicide-inflicted skin lesions. Other reports claimed further fallout - animals born with severe organ deformities, deformed bananas and sweet potatoes, and lakes filled with dead fish. In addition, rural families said their children developed "grotesque blotches on their bodies."

Forest lands were also damaged as vast acreage was cleared for soybean planting. Their loss "created an explosion of medical problems because Roundup is toxic, kills every non-GMO plant that grows and, it harms animals and humans as well that come in contact with it.

As for higher promised yields, results showed reduced harvests of between 5% and 15% compared with traditional soybean crops plus "vicious new weeds" that need up to triple the amount of spraying to destroy. By the time farmers learn this, it's too late. By 2004, GMO soybean plantings spread across the country, they cost more to produce and yield less, and Engdahl summarized farmers' plight: "A more perfect scheme of human bondage would be hard to imagine," and it was even worse than that. Argentina was the first test case "in a global plan that was decades in the making and absolutely shocking and awesome in its scope."

Iraq Gets American Seeds of Democracy

Democracy for Iraq meant erasing the "cradle of civilization" for unfettered free market capitalism. Iraq was conquered for its oil but also to make the country a giant free trade paradise. The scheme was diabolical, elaborate and ugly - blitzkrieg "shock and awe," elaborate PsyOps, fear as a weapon, repressive occupation, mass detention and torture, and the fastest, most sweeping country remake in history. It happened in weeks, Iraq no longer exists, the country is a wasteland, its people are devastated, and a blank slate was created for unrestrained corporate pillage on a near- unimaginable scale.

Part of the scheme was for GMO agribusiness giants to have free reign over that part of the economy - to radically transform Iraq's food production system into a model for GMO seeds and plants. One hundred swiftly implemented Bremer laws mandated it, but Iraqis had no say about them as the country is now governed out of Washington and its branch office inside the heavily-fortified Green Zone in the largest US embassy in the world by far.

Bremer laws imposed the harshest ever Chicago School-style "shock therapy" of the kind that devastated countries around the world since first introduced in Chile under Pinochet in 1973. The formula was familiar - mass firings of state employees in the hundreds of thousands; unrestricted imports with no tariffs, duties, inspections or taxes; deregulation; and the largest state liquidation sale and privatization plan since the Soviet Union collapsed.

Corporate taxes were lowered as well from 40% to a flat 15%, and foreign investors could own 100% of Iraqi assets other than oil. They could also repatriate all their profits, had no obligation to reinvest in the country and wouldn't be taxed. They were further given 40 year leases, and the only Saddam era laws remaining were those restricting trade unions and collective bargaining. Foreign transnationals, mainly US ones, swooped in and devoured everything. Iraqis couldn't compete, and the occupation laws assured it.

Consider Bremer Order 81. It covered patents, their duration and stated: "Farmers shall be prohibited from re-using seeds of protected varieties or any variety" the edict covered. It gave plant varieties patent holders absolute rights over farmers' using their seeds for 20 years. They'd be genetically engineered, owned by transnationals, and Iraqi farmers using them had to sign an agreement stipulating they'll pay a "technology fee" as well as an annual license fee.

Plant Variety Protection (PVP) was the core of this order. It made seed saving and reuse illegal. Even using "similar" seeds could result in severe fines and imprisonment. GMO seeds got protection to displace 10,000 years of developed plant varieties being sacrificed.

Iraq's fertile valley between the Tigris and Euphrates rivers is ideal for crop planting. Since 8000 BC, farmers used it to develop "rich seeds of almost every variety of wheat used in the world today." They were erased through a GMO modernization and industrialization scheme so agribusiness can get a foothold in the region and supply the world market. While Iraqis suffer and starve, GMO giants run the country's agriculture for export. Iraqi farmers are now agribusiness serfs and are forced to grow products foreign to the native diet like wheat designed for pasta.

Bremer laws mandated it and are inviolable under Article 26 of the US-drafted constitution. It states that the Iraqi government is powerless to change laws a foreign occupier made. To assure it, US-sympathizers are in every ministry with those most trusted in key ones. Engdahl sums up the damage to agriculture: "The forced transformation of Iraq's food production into patented GMO crops is one of the clearest examples of (how) Monsanto and other GMO giants are forcing (these) crops onto an unwilling or unknowing world population." They're infesting the planet with them one country at a time so it's futile trying to undo the damage they cause.

Planting the "Garden of Earthly Delights"

On January 1, 1995, the WTO was officially established with powers to enforce its corporate-written laws on member states. US agribusiness was already dominant, but it now had a new unelected supranational body to advance its private agenda on a global scale. WTO is a "policeman" for global free trade and "a (predatory) battering ram for the trillion dollar annual world agribusiness" part of it for its giants. Its rules are written with teeth for "punitive leverage" to levy heavy financial and other penalties on rule violators. Under them, agriculture is a priority because American companies are dominant.

Cargill wrote the rules that Engdahl calls the "Cargill Plan." They:

- ban all government farm programs and price supports worldwide (but wink and nod at massive US subsidies);
- prohibit countries from imposing import controls to defend their own agricultural production;
- ban agricultural export controls even in times of famine so Cargill can dominate world export grain trade; and
- forbid countries from restricting trade through food safety laws called trade barriers; this demand also opens world markets to unrestricted GMO food imports with no need to prove their safety.

The International Food and Agricultural Trade Policy Council lobby (IPC) worked with Cargill and US agribusiness to advance this agenda. Four so-called Group of Four QUAD countries took the lead - the US, Canada, Japan and EU. Meeting in secret, they set policy for all 134 WTO members that for agriculture was drafted by US agribusiness giants like Cargill, Monsanto, ADM and DuPont along with EU giants, Nestle and Unilever. They were designed to erase national laws and safeguards in favor of unrestricted free markets favoring Global North countries.

Through patents, GMO giants control staple crop seeds and need WTO leverage to force them on a skeptical world. It's done through WTO's Agreement on Agriculture (AoA) along with its Trade Related Intellectual Property Rights (TRIPS). Until the advent of agribusiness, food production and its markets were local. That's now changed with corporate giants in control and able to set prices by manipulating supply.

AoA rules were established to help. They also enforce agribusiness' highest priority - "a free and integrated global market for its products." Included are GMO ones the senior Bush administration ruled are "substantially equivalent" to ordinary seeds and crops and need no government regulation.

That provision is written into WTO rules under its "Sanitary and Phytosanitary Agreement (SPS). It states that national laws banning GMO products are "unfair trade practices" even when they endanger human health. Other WTO rules (called "Technical Barriers to Trade") are in place as well. They prohibit GMO labeling so consumers don't know what they're eating and can't avoid these potentially hazardous foods.

The 1996 Biosafety Protocol was drafted to solve this problem, and it should be in place for that purpose. Developing country demands, however, were "ambushed by the powerful organized government and agribusiness lobby." It sabotaged talks and insisted biosafety measures be subordinate to WTO trade rules favoring developed states. As a result, talks collapsed, safety concerns are ignored, and the path was cleared for the unrestricted spread of GMO seeds worldwide.

Under WTO's TRIPS rules, all member states must pass patent-protecting intellectual property laws that make knowledge property. That, in turn, "open(s) the floodgates" nearly everywhere for the proliferation of GMO seeds and foods, even in violation of national food safety laws.

GMO giants have powerful friends in government backing their agenda. George Bush is one of them, and in 2003 he made the proliferation of GMO seeds his top priority after the Iraq war. With that support, GMO

companies are pushing things to the limit with a brazen example Engdahl gave involving the Texas biotech company, RiceTec.

It schemed to patent Basmati rice, the dietary staple across Asia for thousands of years. With IRRI collusion, the company stole the seeds, patented them under Rockefeller Foundation-crafted rules, and the 2001 Supreme Court decision in *Ag Supply v. Pioneer Hi-Bred* made it possible. It "enshrined the principle of allowing patents on plant forms and other forms of life in (this) groundbreaking case." Under the ruling, GMO plant breeds can be patented, and US government agencies are complicit in helping agribusiness giants ensure nothing stops them from doing it.

As a result, the GMO monoculture onslaught threatens plant species diversity everywhere. With full Washington and WTO backing, major biotech companies are patenting every plant imaginable in GMO form. By the beginning of the new millennium, Engdahl referred to a "Gene Revolution (as a) monsoon force in world agriculture" with four dominant companies controlling GMOs and related agrichemical markets" - Monsanto, DuPont, Dow Agrisciences and Syngenta in Switzerland from the merger of the agriculture divisions of Novartis and AstraZeneca.

The "world's number one" is Monsanto. The company was discussed in Part I of this review, and Engdahl quoted its chairman saying his goal is a global fusion of "three of the largest industries in the world - agriculture, food and health - that now operate (separately, but) changes....will lead to their integration." That was over seven years ago. Now it's happening.

Engdahl covered pertinent information on the industry that might otherwise have gone unnoticed - that the three US GMO giants have a long sordid association with the Pentagon supplying massively destructive chemicals like Agent Orange, napalm and others. They now want to be trusted with the most important things we ingest - our food and drugs in the face of strong evidence their GMO varieties harm human health and their history of public safety concern is atrocious.

Like it or not, they're advancing their agenda, and a 2004 Rockefeller Foundation report shows it. GM crop production achieved nine consecutive double digit year increases since 1996. More than eight million farmers in 17 countries now plant them, over 90% in developing nations. Far and away, the US is the world's leader "with aggressive Government promotion, absence of labeling, and the domination of US farm production." Here, "genetically engineered crops (have) essentially taken over the American food chain." In 2004, over 85% of soybeans were genetically modified, 45% of corn, and since animal feed is mainly from these crops "the entire meat production of the nation (and exports) has been fed on genetically modified animal feed." What animals eat, so do humans.

It gets even worse. Wind and air proliferate GM seeds to adjacent fields, including organic ones that are now to some degree contaminated. Engdahl explained that "after just six years, an estimated 67% of all US farm acreage has been (irremediably) contaminated with genetically engineered seeds. The genie was out of the bottle" as nothing known to science can reverse this condition.

It renders the notion of pure organic impossible except from perhaps very isolated farms that comprise a small percent of the industry. Even so, organic crops are safer than chemically-treated ones and hugely preferable to any that are genetically modified. That said, as the Gene Revolution advances worldwide, the future of organic farming is imperiled to the horror of people like this writer dependent on them.

Consider further the way GMO giants gain market share with government and WTO backing. It's also helped by imposing rigid licensing and technology agreements on farmers who must pay annual fees. They're binding and enforced through Technology Use Agreements farmers have to sign, and by so doing, entrap themselves in a "new form of serfdom." Each year, they must buy new seeds, and they're forbidden to reuse any from previous

years as was customary before GMO introductions. Failure to observe the agreements can result in severe legal damages or even imprisonment and possible loss of their land.

Complicit government agencies and clever marketing schemes aid the "Gene Revolution" through "lies and damn lies" that GMO crops have higher yields and can solve world hunger problems. The evidence proves otherwise. In addition, resistant "superweeds" develop over time, crop yields drop, farmers must use greater amounts of herbicides, they're locked into high user fees, and they end up losing money. Bottom line - the case for "genetically engineered seeds for agriculture had been based on a citadel of scientific fraud and corporate lies." This information is hidden from the public, and it's too late once unwary farmers learn they've been had.

Besides that, Russian science showed GMOs harm unborn babies as over half the rat offspring fed a genetically modified soybean diet died in their first three weeks of life - six times the normal rate. Evidence was growing on GMO dangers, and the industry was alarmed. In 1999, it "required an extraordinary intervention by its patron saint, the Rockefeller Foundation," to pull its fat out of the fire.

Population Control - Terminators, Traitors, Spermicidal Corn

Crucial to its strategy, GMO giants needed a "new technology which would allow them to sell seed that would not reproduce." They developed one called GURTs (Genetic Use Restriction Technologies) that became known as "Terminator" seeds. The process is patented, it applies to all plant and seed species, and replanting them doesn't work. They won't grow. It's the industry's solution to controlling world food production and assuring themselves big profits as a result. What a discovery. Terminator corn, soybean and other seeds have been "genetically modified to 'commit suicide' after one harvest season" by a toxin-producing inbuilt gene.

A closely related technology is called T-GURT seeds, or second generation Terminators, nicknamed "Traitor." The technology relies on controlling both plant fertility and its genetic characteristics with "an inducible gene promoter" called a "gene switch." GMO pest and disease-resistant crops only work by using a specific chemical compound companies like Monsanto make. Farmers buying seeds illegally won't get the compound to "turn on" the resistant gene. Traitor technology thus creates a captive new market for the GMO giants, and Traitor is cheaper to produce than Terminator seeds.

Combined, these two technologies give agribusiness giants unprecedented powers. "For the first time in history, it (lets) three or four private multinational seed companies....dictate terms to world farmers for their seed." It's a biological warfare tool almost "too good to believe" in the face of open citizen opposition the industry and US Department of Agriculture (USDA) aim to quash.

Engdahl quoted USDA spokesman Willard Phelps from a June, 1998 interview saying the agency wanted Terminator technology to be "widely licensed and made expeditiously available to many seed companies." Hidden was the reason why - to introduce these seeds to the developing world as the prime Rockefeller Foundation strategy. Engdahl called it a "Trojan Horse for Western GMO seed giants to get control over Third World food supplies in areas with weak or non-existent patent laws." It became an urgent Foundation priority to spread the seeds worldwide to irreversibly capture world markets. USDA fully backed the scheme.

That kind of muscle (along with WTO rules) is overwhelming. It's the tactic used when the US departments of state and agriculture coordinate famine relief using genetically engineered US surplus commodities. Farmers getting GMO seeds aren't told what they are, they plant them unwittingly for the next harvest, get hooked, and the proliferation isn't restricted to Africa. Through coercion, bribery and other illegal tactics, the industry's goal is to introduce them everywhere but especially in highly indebted developing states. In the case of Poland, it was in a country with some of the richest European soil that's now spoiled by genetic contamination.

Consider how the scheme ties in with Rockefeller Foundation population control strategy. In 2001, it was aided when the privately-owned biotech company, Epicyte, announced it successfully developed the "ultimate GMO

crop" - contraceptive corn. It was called a solution to world "over-population," but news about it vanished after Biorex acquired the company.

One way or other, the Rockefeller Foundation aims to reduce population through human reproduction by spreading GMO seeds. It's doing it cooperatively with the UN World Health Organization (WHO) by quietly funding its "reproductive health" program through the use of an innovative tetanus vaccine. Combined with hCG natural hormones, it's an abortion agent preventing pregnancies, but women getting it aren't told. Neither is anything said about the Pentagon viewing population reduction as a sophisticated form of "biological warfare" (to) solve world hunger."

Avian Flu Panic and GMO Chickens

In 2005, George Bush duped the public into believing a so-called Avian (bird flu) epidemic threatened a pandemic if not addressed. The solution as always is turn to the private sector and reward his friends. In this case, he asked Congress to appropriate an emergency \$1 billion taxpayer dollars for a drug Tamiflu. Unmentioned was a key fact. It was developed and patented by Gilead Science and, that prior to becoming Defense Secretary, Donald Rumsfeld was its chairman and still a major stockholder.

The scare combined with government funding and a rising stock price stood to make him a fortune just as Dick Cheney profited as Vice-President from his Halliburton ties. Engdahl asked: "Was the avian flu scare another Pentagon hoax" with an unknown aim? Based on known and suppressed past government actions, "a supposedly deadly" new flu strain "had to be treated with more than a little suspicion."

It was being used to advance global agribusiness and poultry factory farm interests "along the model of Arkansas-based Tyson Foods." Consider the facts. Factory farms are breeding grounds for potential disease proliferation because of their cramped, overcrowded conditions, but this was never mentioned as a threat. Instead, small family-run free-ranging chicken farmers were cited as culprits, especially in Asia, when, in fact, that notion is at least very unlikely.

Small farms like these are the safest, but an industry-government propaganda campaign claimed otherwise. The scheme is clear. Five multinational giants dominate US chicken meat production and processing - Tyson (the largest), Gold Kist, Pilgrim's Pride, ConAgra Poultry and Perdue Farms. They produce chicken meat under "atrocious health and safety conditions." According to the GAO, these plants had "one of the highest rates of injury and illness of any industry."

Cited was exposure to "dangerous chemicals, blood, fecal matter, exacerbated by poor ventilation and often extreme temperatures....(In addition, chickens are tightly cramped and) prevented from moving or getting any exercise on factory farms (so they can) grow....much larger (and faster) than ever before." Growth boosters are also used, they create health problems, and growing numbers of animal experts believe these farms, not small Asian ones, are the real source of dangerous new diseases like avian flu. That information is suppressed in the mainstream so the public is duped.

It's so chicken processing giants can globalize world production with the avian flu scare "gift from heaven" to help them. If small Asian chicken farmers can be squeezed out, Tyson and the others can access the huge Asian poultry market. That's their aim and removing competition their method with help from friends in high places.

Creating the first GMO animal population is also part of the scheme with the prospect of transforming world chickens into GMO birds. Engdahl put it this way: "By 2006, riding the fear of an avian flu human epidemic, the GMO or Gene Revolution players were clearly aiming to conquer the world's most important source of meat protein, poultry." But another scheme to dominate world food production also lay ahead. "Terminator was about to come into the control of the world's largest GMO agribusiness seed giant."

Genetic Armageddon: Terminator and Patents on Pigs

In 2007, Monsanto acquired Delta & Pine Land (D&PL) to complete its aborted 1999 takeover attempt. D&PL had global Terminator patent rights and successfully extended them on GURTs. The deal made Monsanto "the overwhelming monopolist of agricultural seeds of nearly every variety" that includes fruits and vegetables from the company's acquisition of Seminis a year earlier. With that company, Monsanto is now first in vegetables and fruits, second in agronomic crops, and the world's third largest agrochemical company. With D&PL, the company has absolute control over the majority of plant agricultural seeds as well. In addition, they're getting into the genetic engineering and patenting of animal seeds.

In 2005, Monsanto applied to the WTO for international patent rights for its claimed genetic engineering of a means to identify pig genes derived from patented male swine semen. The company also wants patents and the right to collect license fees for particular farm animals and livestock herds. If granted, "Any pigs that would be produced using this reproductive technique would be covered by these patents." Several techniques are being used and patented as fast as GMO lawyers can submit applications to lock up animal life as intellectual property.

Companies like Monsanto and Cargill have invested huge amounts to genetically modify animals for profit. They thus want patent and licensing rights to the results even though this represents a controversial goal to patent life itself. A 1980 Supreme Court decision in *Diamond v. Chakrabarty*, however, gave them an opening by ruling "anything under the sun that is made by man" is patentable. It paved the way for a landmark patent of the "Harvard mouse" that was genetically engineered to be susceptible to cancer.

Engdahl explained how four agribusiness giants used "stealth, system, and a well-supported campaign of lies and distortion" to progress toward Henry Kissinger's ultimate goal - controlling oil to control nations and food to control people. The pursuit of both are ongoing with little public knowledge of how far advanced things are and how reckless the scheme is - to genetically engineer all plants and life forms and to control world population by culling its "unwanted" parts.

Afterward

A September, 2006 WTO tribunal ruled for the US and against the EU. In so doing, it threatens to open this important agricultural region to the "forced introduction (of) genetically-manipulated plants and food products." It recommended the WTO Dispute Settlement Body (DSB) require the EU to conform with its obligations under WTO's SPS Agreement that lets agribusiness ignore national laws and rights to protect public health and safety. Failure to comply can cost EU countries hundreds of millions of dollars in annual fines, so this issue is crucial to both sides.

At the time of Engdahl's writing, it was unclear if the "GMO juggernaut would be stopped globally." It's still uncertain, but as of December, only nine biotech products are authorized for sale in the EU. So far, most US corn exports are blocked and trade in other products is hindered in spite of dozens of applications pending in the pipeline with their fate undecided.

Several EU countries, including France, Germany, Austria and Denmark, even ban some EU-approved biotech products to further cloud the outlook. Polls show why with European public opinion strongly opposed to GMO foods and ingredients with hostility levels in France as high as 89% and 79% wanting governments to ban them. This shows European consumers are far ahead of Americans and much better protected (so far) by their overall exclusion as well as having labeling requirements for those allowed to be sold. That provision is crucial as it empowers consumers to use or avoid eating these foods. If enough people abstain, food outlets won't carry them.

Engdahl ends on a high note by observing how vulnerable GMO giants are to criticism. Thrusting untested products down consumer throats is "grounds for organizing a global ban or moratorium on them" if enough vocal opposition can be marshaled. Throughout his book, he sounds the alarm with reams of carefully documented facts on the industry, its products and goals. Converting world agriculture to GMOs, allowing agribusiness free reign over them, and combining that scheme with a diabolical population culling agenda adds up to solving world hunger through genocide and endangering the rest of us in the process.

So far, Washington and the industry are on a roll toward controlling oil and food. Hundreds of millions around the world stand opposed, but it's unclear if that's enough. Engdahl's book is a wake-up call for every friend of the earth to understand issues this crucial can't be left in the hands of unscrupulous business giants and their supportive friends in high places everywhere. The book has reams of ammunition against them. It needs to be thoroughly read and used. The stakes are much too high - human health and safety must never be compromised for profit.

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