History and Development of Organic Product

Before the new modern era, particularly in early 20th Century, majority the food which grown across the world was still organic. At that time it was just food, it had not been called as organic food. Nobody had thought to use the chemicals substance into the soil in order to enhance the growth from the corps.

With the emerging of the petrochemical industries in early 1900s, agricultural try to find the way to optimize their result by doing research and focus on the chemicals that are required by plant and animal growth. Apparently, those chemicals is coming from finite resources, most of them are by-products of oil refining. This action actually could trigger another problems, and usually ignored until the problems became big.

We can take a lesson from the development and history of organic product in United States and Europe because their technology and regulation is reputed as mature industry in the agricultural world. Moreover it used by a lot of developing countries as a basic for their development and regulation of organic product.

~~History in Time Line~~

**~~In 1920 - 1940~~** ~~American and British publications form the foundation of organics~~**~~.~~**

~~Writers in the United States and Great Britain -- Sir Albert Howard, Rudolf Steiner, Lady Eve Balfour and J.I. Rodale to name a few — publish influential works introducing the basic idea of organics. They posit that the health of plants, soil, livestock, and people are interrelated. They advocate for an approach to farming based on working with natural systems rather than trying to control them.~~

**~~In 1940s~~** ~~Chemical pesticides and herbicides make their way into agriculture.~~

~~Synthetic pesticides and herbicides are introduced to American agriculture as part of the Green Revolution. Exactly i~~**~~n 1939, Paul Muller developed DDT,~~** ~~the first of a new class of insecticides – chlorinated hydrocarbons to counter the pest problems. Since then, a new way of farming emerged, where the use of chemicals was heavily promoted. This~~ **~~led to the outright dismissal of organic farming methods.~~**

**~~In 1940 - 1960~~** ~~Organic farmers form network and write their stories.~~

~~A loose network of farmers - including J. I. Rodale, Ehrnefried Pfeiffer of Kimberton Farm School, and Paul K. Keene of Walnut Acres Farms - shun chemical agriculture by farming organically and writing about their experiences.~~

~~Consumers gain increased access to organic food, with the forming of Natural Food Associates (NFA) in Atlanta, Texas, to help connect scattered organic growers with fledgling markets for organically grown foods.~~

~~In 1962, science writer Rachel Carson published Silent Spring, a book where she criticized the improperly use of chemical pesticides, fertilizers and weed killers. The book title refers to the ultimate disappearance of songbirds because of the effects of DDT. This book documents some of the negative consequences associated with chemical use in agriculture and gives rise to a new environmental consciousness and renewed focus on organic agriculture.~~

**~~In 1960s and 1970s, The ‘be natural’ approach is~~** ~~growing as result of the growth of consumer interest in health and nutrition, the growth of the green movement, the focus on conservation and environmental issues stimulated the development of the organic market and encouraged farmers to adopt organic methods.~~

~~In 1973 Consumer opposition to chemical pesticides grows. In United States started to bans the pesticide DDT, which some mark as the start of the modern environmental movement. The organics industry grows appreciably due to expanding consumer opposition to chemical pesticides coupled with a desire for food that is produced without harming the environment.~~

~~In this era, regional groups from across the US begin to develop private organic certification standards. The expansion of the organic food industry prompts activists across the United States to form regional groups and create organic standards by which to certify farmers and their crops.~~

**In 1990s** as the organic industry grows, national standards begin to form. The organic food industry reaches estimated sales of more than $1 billion. Congress passes the Organic Foods Production Act of 1990, which establishes the framework to create National Organic Standards.

~~In 1990, Organic Foods Production Act (OFPA) developed a national standard for organic food and fiber production. OFPA mandated that USDA develop and write regulations to explain the law to producers, handlers and certifiers. OFPA also called for an advisory National Organic Standards Board to make recommendations regarding the substances that could be used in organic production and handling, and to help USDA write the regulations.~~

~~After years of work, final rules were written and implemented in fall 2002.~~

In 1997/8 Consumers speak out about questionable National Organic Standards. Organic food industry members and consumers supporting the write-in campaign with our customers - send over 275,000 comments to the USDA on their proposed National Organic Standards, which included provisions not recommended by the NOSB. These controversial provisions were removed based on these comments.

~~The USDA's Economic Research Service releases a major study on the status of organics in the United States showing that certified organic cropland more than doubled during the previous decade and that some organic livestock sectors - eggs and dairy - grew even faster.~~

In **millennium era**

~~In 2002, the Organic Standards arrive with the full implementation of the U.S. National Organic Standards takes place October 21st.~~

2008 Americans choose organics; the Farm Bill increases organics research. A study by the Hartman Group reveals that nearly 70% of U.S. consumers buy organic products at least occasionally, with organic fruits and vegetables the most popular type of organic foods purchased.

The 2008 Farm Bill introduces a five-fold increase in the amount allocated for existing organic programs and additional funding for new organic programs. Initiatives include research efforts and assistance for farmers managing organic certification costs.

In 2011 the organic food industry shows no signs of slowing. The organics market tops $30 billion, representing a 9.5% growth over previous years.

Organic Products offered only through health food stores in the 1970s and 1980s spread to the corners of supermarkets in the 1990s. Today, organic products occupy prime shelf space in the big chain supermarkets. Nowadays, it becomes a massive market impact in food industry.

In 2011 US Government and non-government entities provide funding for research activities regarding to the sustainable agriculture including organic food and farming. You can find more detail about the funding research in <http://www.nal.usda.gov/afsic/pubs/funding.shtml>



In 2015, the European Union Council has decided about pesticide maximum residue levels and to oppose the adoption of a Commission regulation amending annexes II and III to regulation 396/20051 as regards maximum residue level for some chemical substances, such as Trichoderma polusporum, Trichoderma aperellum, etc.



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