15 Leading Causes of Death

1. Diseases of heart
2. Malignant neoplasms
3. Chronic respiratory diseases
4. Cerebrovascular diseases
5. Accidents/injuries
6. Alzheimer's disease
7. Diabetes mellitus
8. Influenza and pneumonia
8. Nephritis, nephrotic syndrome & nephrosis
9. Intentional Self-harm
10. Septicemia
11. Chronic liver disease and cirrhosis
12. Essential hypertension and hypertensive renal disease
13. Parkinson's disease
14. Pneumonitis due to solids and liquids

The age-adjusted death rate increased for six of these leading causes of death in 2012: Chronic lower respiratory diseases, Diabetes mellitus, Influenza and pneumonia, Chronic liver disease and cirrhosis, Parkinson's disease, and Pneumonitis

All of these may be related to GE ingredients.

Weight Gain & GE Foods

Excessive weight gain is a side effect of GE foods and grains. Organizations such as the American Academy of Environmental Medicine have concluded:

"There is more than a casual association between GE foods and adverse health effects. There is causation,"* as defined by recognized scientific criteria. *"The strength of association and consistency between GMO foods and disease is confirmed in several animal studies. GMO is a major contributor to the sharply deteriorating health of Americans."
Pushpa M. Bhargava

AMERICAN ACADEMY OF ENVIRONMENTAL MEDICINE

Impact of GE on Mortality Rates

The research to date on the health consequences of GE foods/ingredients has shown:

- **Significant immune dis-regulation leading to asthma, allergy, and inflammation.**
  - ***Among the illnesses causing death that are increasing, lower respiratory disease was the number 3 cause of death in the U.S. and one of the causes of death to go up in 2012***
- **Structural and functional liver problems leading to accelerated aging**
  - ***Cirrhosis of the liver is the number 12 cause of death and was also on the increase in 2012. Type II diabetes, formerly known as Adult Onset, is taking off among children***

Impact of GE on Mortality Rates

GE Food Consequences:

- **400 genes were expressed mice fed GM corn**

These are genes known to control:

- **Protein synthesis and modification**
- **Cell signaling, cholesterol synthesis, and insulin regulation**
  - ***That means that they could lead to diabetes, cancer and/or obesity, all of which are on the rise in the U.S.***

Impact of GE on Mortality Rates

The research to date on the health consequences of GE foods/ingredients has shown:

- **Changes in the kidney, pancreas and spleen of animals fed GE diet**
  - ***Nephrotic syndrome is the number 9 cause of death in the U.S..***
- **Intestinal damage in animals fed GE foods, including proliferative cell growth and disruption of the intestinal immune system**
  - ***"Leaky gut" results from the assault on the intestinal walls by herbicides and insecticides found in GE foods, as well as the lectins and sapponins found in grains leading.***

Impact of GE Corn on Fertility Rates

CDC Recent Report

- US birth rates declined more in the last 5 years, than they have for the past 30 years.
- Infertility is a consistent consequence of a GE diet in animal research.

Impact of GE on Eating Disorders

- **Obesity Epidemic – may be driving more fear/anxiety regarding body fat**
- **Complications of EDs are changing – always seen endocrine involvement, loss of menses & infertility.**
- **Now seeing involvement of the immune and neurological systems**
  - **Immune – Celiac, Renaud's, type I diabetes**
  - **Neurological – ADD, Alzheimer's, Asperger's**
- **Food Addiction – becoming a part of Anorexia as well as Obesity, BED, and Bulimia**

Changes in the Complications of Eating Disorders

Among 5,587 hospital stays in 2008-2009 with a principal diagnosis of eating disorder in comparison to 1999-2000 stats:

- **47% involved nutritional, endocrine and/or metabolic disorders - an increase of 129%.** ✓
- **4% involved acute renal or liver failure, - an increase of 127 %** ✓
- **24% involved cardiac dysrhythmias - an increase of 103%**
- **13% involved menstrual disorders, an increase of 62%**
- **11% involved anemia - a 66% percent increase**
- **3% involved convulsions - a 55% increase**