



OPINION

Better Than Going To Bed Hungry

Actually, there is probably no food that is absolutely free of carcinogens (cancer-causing agents).

Because modern technology allows for detection of small amounts of contaminants in foods we find things that would not have been detectable a decade ago.

According to Peter Hutt, a Washington DC attorney, future progress in food safety regulation will depend upon progress in the fields of molecular biology and toxicology which will permit greater understanding of the mechanisms by which food substances exert their beneficial or toxic effects on the human body.

But Amy Barr, Director of the Good Housekeeping Institute in New York, says "Consumers want zero risk, but they fail to understand that nothing in this world is risk free."

"The public is overwhelmed by what they feel are problems caused by deficiencies in the food production, processing, distribution, and regulatory arenas," Barr said. According to Barr, this trend results in part because of widespread misunderstanding of the kind of risk/benefit analysis that has become a necessity in evaluating food safety today.

Through a process called quantitative risk assessment, the government studies food and other compounds to determine how severe a potential health risk might be. This assessment is based on potency and exposure. Then, government officials assign a number to describe the risk for human beings. For example, a food might be rated as having, "a one in 100,000 lifetime cancer risk."

Hutt explained, "Quantitative risk assessment has been developed to permit a line to be drawn between carcinogenic risks that are significant and those that are insignificant and thus within the bounds of public acceptability."

This represents a change in approach over the last three decades. In 1958, the Delaney Clause prohibited any substance known to cause cancer in human beings or in tests with laboratory animals from being added to food products.

"Congress imposed a basically black and white rule," Hutt said. "At that time, the ability to detect carcinogens was very limited and we only tested a small number of compounds, so we were dealing with only a handful of substances."

The Delaney Clause is no longer practical, according to Hutt, because scientific advances have made it possible to detect contaminants in food in parts per quadrillion as opposed to parts per million, the standard when the Delaney Clause was first enacted. In addition, the government tests hundreds of compounds today, as opposed to a select few.

We have already advanced so far that scientists can find something harmful in every food and doctors can find some kind of sickness in everybody. But the worries these modern day professionals give us are still better than going to bed hungry at night or dying at half the age of the US life expectancy.

Farm Calendar



Saturday, September 30
Deadline for small grains crop insurance.

Sunday, October 1
Hunterdon County 4-H Rally, Riccioni farm, Flemington, N.J., 11:00 a.m. to 3:00 p.m.

Monday, October 2
Hollidayburg Community Fair, Hollidayburg; runs through October 5.
Annual 4-H Dairy Conference,

Madison, Wisc.; runs through October 5.

Tuesday, October 3
Eastern Milk Producers Cooperative Association annual meeting, Hotel Syracuse, Amber & Brass Courts, Syracuse, N.Y., 1:00 p.m. to 4:30 p.m.; banquet at 6:30 p.m.

Lancaster County Farmers' Association Banquet, Farm & Home Center, 6:45 p.m.



NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent

To Beware of Spiny Pigweed in Pastures

Redroot or redroot pigweed is a common, easily recognized annual weed in gardens and cultivated fields. We are also feeling the first cousin of the weed -- spiny redroot -- appearing in many areas of the county.

If you do not know what spiny redroot looks like, you can tell real quickly what it feels like by carefully rubbing your fingers along the stem. Two needle-shape spines occur at the juncture of each leaf with the stem. These spines prevent all grazing animals from eating these plants. Consequently, we are seeing large numbers of these weeds appearing in many pastures, along cow paths and in open spaces or loafing areas. Some have been found in alfalfa fields... a bad situation. These weeds now have mostly red stems and cap easily be spotted. The plants should be cut before heading out and going to seed.

For control, use Banvel or any of the 2,4-D type herbicides. You can spot spray the plants not but the best time would be just about the time in May when corn planting time is over. The important thing is to spray the pasture. A second application to kill late appearing weed seedlings would

Wednesday, October 4

New Holland Farmers Fair, New Holland; runs through October 7.

Twenty-third annual World Dairy Expo, Dane County Expo Center, Madison, Wisc.; runs through October 8.

Thursday, October 5

Conestoga Classic, Lampeter fairgrounds, Lampeter, 7:00 p.m.
Keystone International Livestock Exposition, Farm Show complex, Harrisburg, doors open at 10:00 a.m., trade show begins at 2:00 p.m.; runs through October 9.

Friday, October 6

Lancaster Chamber of Commerce 100th anniversary of southern market salutes 4-H, Penns square, Lancaster.

Saturday, October 7

Western Pennsylvania Sale of Holstein Stars, Butler farm, Butler, noon.

Sunday, October 8

National 4-H Week; runs through October 14.

Berks County Poultry Fanciers Association fall show, 4-H Building, Berks County Ag Center, Leesport, 8:00 a.m.

label instructions when applying any pesticide.

To Salute 4-H

National 4-H Week runs from October 1 through October 7. I wish to congratulate the 4,092 members, 587 volunteer adult leaders, and the professional youth workers for their accomplishments and service to Lancaster County.

Through 4-H projects and activities, youth from all social and economic backgrounds, both rural and urban, demonstrate that they can make a difference in food production, conservation of our natural resources, improve economic understanding, and in the formulation of future career decisions.

As a result of the fine exchange programs, 4-H also contributes to international understanding and increased world food production. Four-H provides an important pathway to the future for many youth.

To Manage

Horizontal Silos

Most of our permanent silos are filled, but we do have some livestock and dairy producers that need to store silage in temporary structures. In many cases this is a trench or bunker silo, mostly above ground. In these cases, it is

water and air from the silage mass. This will require tightening down the plastic cover week by week as the silage settles. Also, surface water should be drained away from the silage area. There are cases where the black plastic is flapping in the wind during fall months. This will usually result in large amounts of spoiled silage.

To Apply Lime

First, soil test, then apply the needed lime before the soil freezes. That 1-2 order of events should have a high priority now as we finish one growing season and plan ahead for the next.

In order to do its job of correcting soil acidity, lime must come in contact with the soil particles, not just those on the soil surface. Weather changes during the next 6 months will provide just the right conditions to do lots of mixing of lime and soil within the topsoil layer. Freezing and thawing, rain, snow and ice, help to move the lime downward.

During the fall season field are firm and usually dry enough to allow lime spreading trucks to move about more easily. Deliveries of lime can be made on time.

Penn State Cooperative Extension is an affirmative action, equal opportunity educational institution.

TWO MINUTES

WITH THE BIBLE

BY CORNELIUS R. STAM, PRES.
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Can The Ten Commandments Save?

St. Paul pointed out a basic Scriptural — and logical — truth, when he said: "For not the hearers of the Law are just before God, but the doers of the Law shall be justified" (Rom. 2:13).

Many people suppose that God gave us the ten commandments to help us to be good. The fact is, however, that He gave them to show us that we are bad. Romans 3:20; 5:20; Galatians 3:19 and a dozen other Bible passages teach this clearly.

How can the law be of any advantage to a law-breaker? How can it justify us unless we keep it — perfectly?

Do you recall the woman caught in adultery, in John 8? She was a Jewess. She was better off than the Gentiles, for she had the Law of Moses, but this didn't justify her; it condemned her.

So her "advantage" turned out to be a serious disadvantage, for "not the hearers of the law are just before God, but the doers of the Law shall be justified."

James 1:23, 24 says that one who knows the Law but

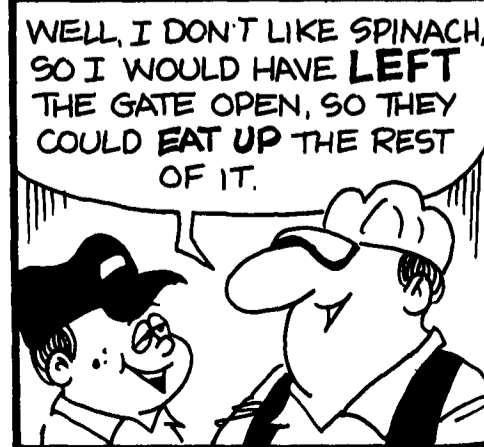
doesn't obey it, is like a man looking into a mirror, seeing his dirty face, and then walking away without doing anything about it.

This is why Romans 2:14, 15 declares that the consciences of the heathen confirm what the Law says, "their thoughts the meanwhile accusing, or else excusing one another."

Those in heathen lands know that it is wrong to lie and steal and commit adultery, yet they know nothing about the Law of God, or the Ten Commandments. How then do they know that these things are wrong? God made them with this knowledge; He gave to them a conscience, a sense of blame-worthiness in doing wrong.

Every man has this inner sense, though his conscience may become seared. It is common experience for men's conscience to trouble them; "their thoughts" either "accusing or else excusing one another."

How good to know the One who has paid the penalty for our sins so that our hearts may be "cleansed from an evil conscience" (Heb. 10:22)!



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