



Environmental Chemistry

Unit C

- Topic 1 A Hair Raising Dilemma**
- Take Two Pebbles ...
 - A Balanced Approach
 - The Root Source
 - Commercial Fertilizers
 - Issues Emerging From High Productivity
- Topic 2 A Growing Concern**
- Issues Associated With the Use of DDT
 - The DDT Story
 - What's Bugging You?
 - Where To Now?
- Topic 3 How Do You Spell Relief**
- Acids and Bases
 - The Observable Properties of Acids and Bases
 - pH: A Powerful Scale
 - Acid Precipitation – A Global Concern
 - Using Chemistry to Control Acid Effects
 - Using Chemistry to Control Harmful Emissions
 - Scrub Those Cares Away
- Topic 4 How Much Is Too Much?**
- How Much Is That?
 - The Danger Is In the Dose
 - Lethal Dose 50
 - An Acceptable Risk?
 - Thalidomide Issue
 - The Evaluation of Risk
- Topic 5 Getting Away From It All**
- Environmental Monitoring
 - Biological Indicators of Water Quality
 - Point Versus Non-point Sources
- Topic 6 N.I.M.B.Y. There Is No Away In Throwing**
- Blowing In The Wind
 - Stratospheric Ozone and CFCs
 - Controlling Water Pollution in Surface Water
 - Controlling Water Pollution in Ground Water
 - Biodegradability and the Environment
 - Hazardous Waste
 - Waste Management – Back to the 4Rs
 - Landfill Construction and Design
 - Secure Landfills
 - Bioremediation – Mother Nature to the Rescue