



## 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