

ALS 3133 Agriculture and Environmental Quality

Material Covered on Exam 3

Reclaimed Water

Uses of reclaimed water
Federal regulation for reclaimed water?
5 classes of reclaimed water in Florida
General requirements for all classes
RIB
Why recharge an aquifer?
What is Conserv II?

Pesticides and Pest Management

Why were large amounts of pesticides used in the past?
Problems associated with the use of pesticides
Pesticide treadmill
The book that awakened Americans to the problems associated with pesticides
The characteristics of different classes of pesticides
Why was DDT banned?
What is DDT currently being recommended for?
Biological magnification
The Foundation and Controls of Integrated Pest Management (IPM)
The Management principals of and the Tools used in IPM
What are transgenic crops? - Roundup Ready[®] crops

Organic Agriculture

What is Organic Agriculture?
Organic philosophy
Organic certification – when can “organic “ be used
Organic production plan
Organic Foods Production Act – How were rules determined?
Some Distinctions between organic and conventional farming

Wetlands

Wetlands delineation
Benefits of wetlands
What is a jurisdictional wetland?
The 3 attributes used to identify/delineate a wetland (3 H's)
Wetland function and values
Federal programs protecting wetlands
What is wetland mitigation and mitigation banking?
What value does an individual landowner receive from a wetland on his/her property?
Reconnection of Everglades & Lake Okeechobee
What is the SEEP?