

Horticulture

➤ The science which encompasses the production, utilization, and improvement of fruits, vegetables and ornamental plants



Urban Horticulture

➤ Horticulture for populated areas
✓ People who utilize plants rather than produce plants



✓ People's affects on plants in the urban environment

The Appeal of Green Spaces

➤ Urban sprawl

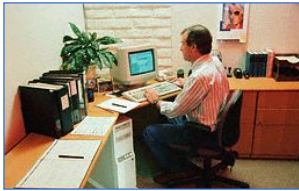
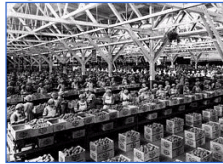
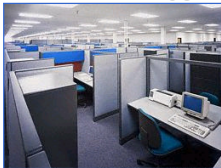


➤ Population dynamics = Loss of nature

What kind of environment do you prefer to be in at home?



What kind of environment do you prefer to be in at work?



What kind of environment do you prefer to 'be' in?



The Appeal of Green Spaces

- What do we find 'picturesque' in a landscape?
- Why do we find these elements appealing?
- Are there benefits acquired through active participation in green spaces (vs. passive participation)?



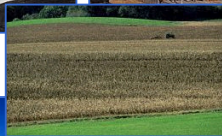
The Appeal of Green Spaces

- Why are green spaces important to people?
 - ✓ Overload and Arousal



The Appeal of Green Spaces

- ✓ Learning



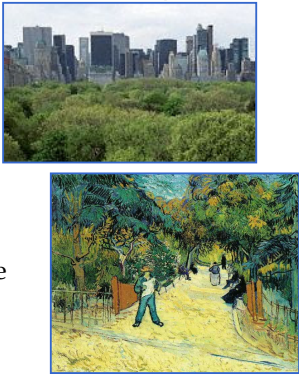
The Appeal of Green Spaces

✓ Evolution




The Appeal of Green Spaces

- Psychological and aesthetic value
- Social value
- Historic value
- Environmental value
- Monetary value



Urban Horticulture

- Functional uses of plants
- Environmental uses of plants



Functional Uses

- ✓ Beauty and ornamentation
- ✓ Screen
- ✓ Influence climate
- ✓ Reduce noise and pollution
- ✓ Food



The Appeal of Green Spaces

- Historic value
- Texas State 'Kissing Tree'



Urban Horticulture

- What about the **Audience**????



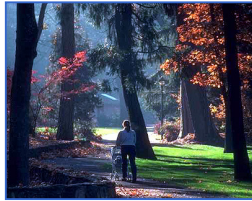
People and Plants

- ✓ Economic
- ✓ Environmental
- ✓ Academic Educational
- ✓ Nutrition Education
- ✓ Psychological
- ✓ Physical
- ✓ Social



Benefits of Urban Green Spaces

- Monetary value
 - ✓ Calculation value vs. impact towards quality of life?
 - ✓ Draw for consumers or 'curb appeal'



Benefits of Urban Green Spaces

- Academic, Nutritional and Environmental



Benefits of Urban Green Spaces

- Psychological, aesthetic, healing



Benefits of Urban Green Spaces

- Social



Horticulture

- The **art** and science of producing, utilizing and improving fruits, vegetables and ornamental plants **resulting in the enrichment and health of individuals and communities.**



Urban Horticulture

➤ The art, science and application of people and plant interactions resulting in sustainable enrichment and quality of life for individuals, communities and ecosystems in human created environments .