Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period\_\_\_\_\_\_\_\_\_

**Introduction to Plant & Soil Science Notes**

1. **Define Horticulture and its related fields**

***Horticulture*** *originates from Latin*

*hortus = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

*culturea = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

*Together they literally translate: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

**Agriculture Plants:**

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**Divisions of Horticulture**

|  |  |
| --- | --- |
| 1-Fruit Production:  Pomology= | 4- Landscape Horticulture= |
| 2- Vegetable Production:  Olericulture= | 5- Turf= |
| 3- Floriculture= | 6- Arboriculture= |

1. **Identify the various roles of plants in everyday life;** 
   1. Meeting basic human needs of
   2. Direct vs. Indirect uses
   3. Food
   4. Clothing
   5. Shelter
2. Explain agriculturally important plants and their uses;
   1. Field Crops
   2. Horticulture Crops
   3. Food Crops
   4. Forestry
3. Describe how horticulture is related to science and technology
   * Successful Horticulture is an application of science
   * Growing plants takes more than just a daily watering
   * Must understand:
     + Effects of heat, light, and photosynthesis
     + Cell division, osmosis, transpiration etc

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