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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