Montgomery County Agricultural Reserve

Photo courtesy of Lee Lanstaff
Agricultural Reserve Zone (AR)

• The intent of the AR zone is to promote agriculture as the primary land use.

• Agriculture is the preferred use in the AR zone. All agricultural operations are permitted at any time, including the operation of farm machinery. An agricultural use cannot be restricted on the grounds that it interferes with other uses permitted in the zone.

• Real-estate Disclosure Requirement.
Definition of Farming:
Farming means the practice of agriculture on a property, and any associated buildings. Agriculture means the business, science, and art of cultivating and managing the soil; composting, growing, harvesting, and selling crops, and the products of forestry, horticulture, and hydroponics; breeding, raising, managing, or selling livestock, including horses, poultry, fish, game, and fur-bearing animals; dairying, beekeeping, and similar activities; and equestrian events and activities. Agriculture includes processing on the farm of an agricultural product to prepare the product for market and may cause a change in the natural form or state of the product.

Farming includes the following accessory uses:

- Accessory agricultural processing
- The sale of products of agriculture and agricultural processing
- The sale of horticultural products grown off-site
- The delivery and installation of horticultural products grown on the farm
- The production and manufacturing of mulch or compost
- Accessory agricultural education and tourism activities
Changes in Technology
High-Tech Tools for Site-Specific Crop Nutrient Management

- Variable rate fertilizer application can improve efficiency.
- Variable rate seeding, variety changes and starter can adjust for soil properties and productivity.
- Crop scouting with new technology improves field records.
- Grid sampling guided by GPS gives more accurate soil test data.
- On-the-go yield monitors can quickly track variability in the field.

Past Years' Yields

Soil Test (K)

Soil Test (P)

Soil Map
Age of Farmers in the County

• The USDA Ag Census reported average age of County Farmer 60.5 years old.

• This represents the age of the farmer that filled out the Ag Census form.

• There are many young farmers today in the County not reflected in the Census.

• New Farmer Project-2013-2016
HOW CA DROUGHT WILL IMPACT THE ENTIRE U.S.

Percentage of U.S. Produce that comes from CA:

- Artichokes 99%
- Almonds 99%
- Garlic 98%
- Tomatoes 96%
- Olives 96%
- Strawberries 92%
- Carrots 81%

Data courtesy of The Weather Channel
Therapeutic Farms

Madison Fields

Rickman Farm Horse Special Park

Red Wiggler Community Farm
I pledge my **HEAD** to clearer thinking, my **HEART** to greater loyalty, my **HANDS** to larger service, and my **HEALTH** to better living, for my club, my community, my country, and my world.
About Montgomery College

OUR COLLEGE

SITUATED IN A COUNTY OF 1,000,000 RESIDENTS NORTH OF WASHINGTON DC

SECOND OLDEST AND LARGEST COMMUNITY COLLEGE IN MARYLAND

70 YEARS OLD

OUR STUDENTS

FROM 160+ COUNTRIES

60,000 STUDENTS

35,000 CREDIT

25,000 NONCREDIT

100,000 ALUMNI
Enrollment by Curriculum Associate Degrees (2015)

- Science: 1,432
- Engineering: 1,482
- Business/International Business: 2,289
- General Studies: 7,449
Questions?