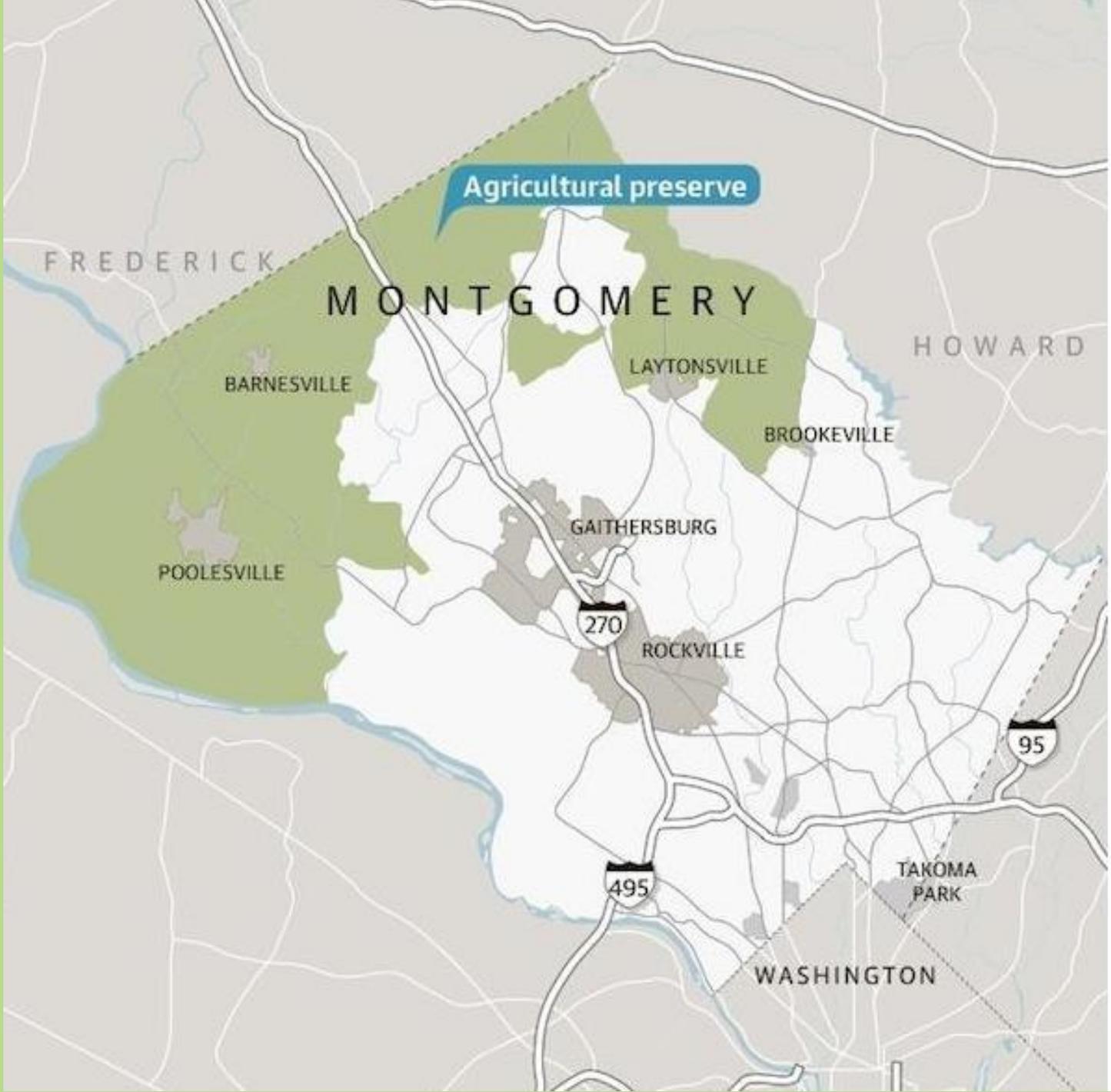
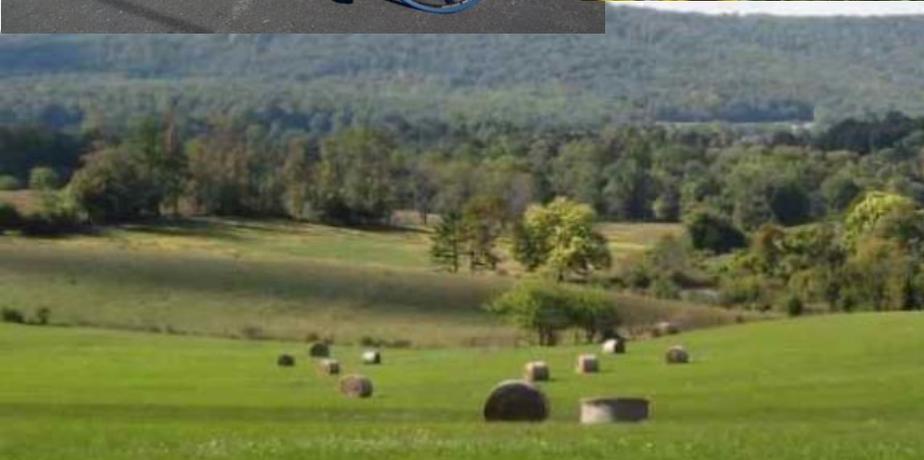




Montgomery County Agricultural Reserve

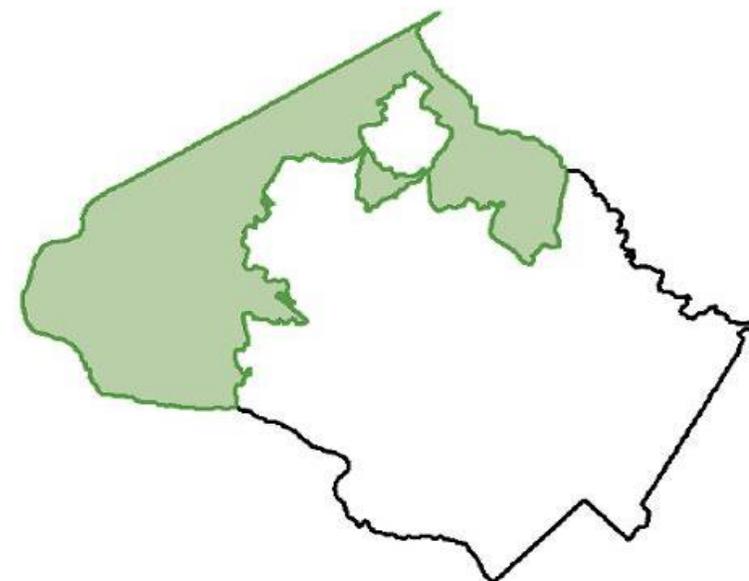








<http://montgomeryagriculturalproducers.com/index.html>



Montgomery County
Agricultural Reserve



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



Grid sampling guided by GPS gives more accurate soil test data.



Variable rate fertilizer application can improve efficiency.

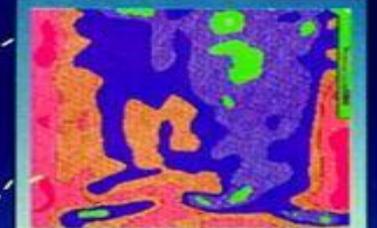
Photo Credit: Dealer PROGRESS Magazine



Variable rate seeding, variety changes and starter can adjust for soil properties and productivity.



Crop scouting with new technology improves field records.



On-the-go yield monitors can quickly track variability in the field.

PAST YEARS' YIELDS

SOIL TEST (K)

SOIL TEST (P)

SOIL MAP





WINTER



SPRING



AUTUMN



SUMMER

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



4-H PLEDGE

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

70
YEARS OLD

**SECOND OLDEST
AND LARGEST**
COMMUNITY COLLEGE
IN MARYLAND

OUR STUDENTS

FROM
160+
COUNTRIES



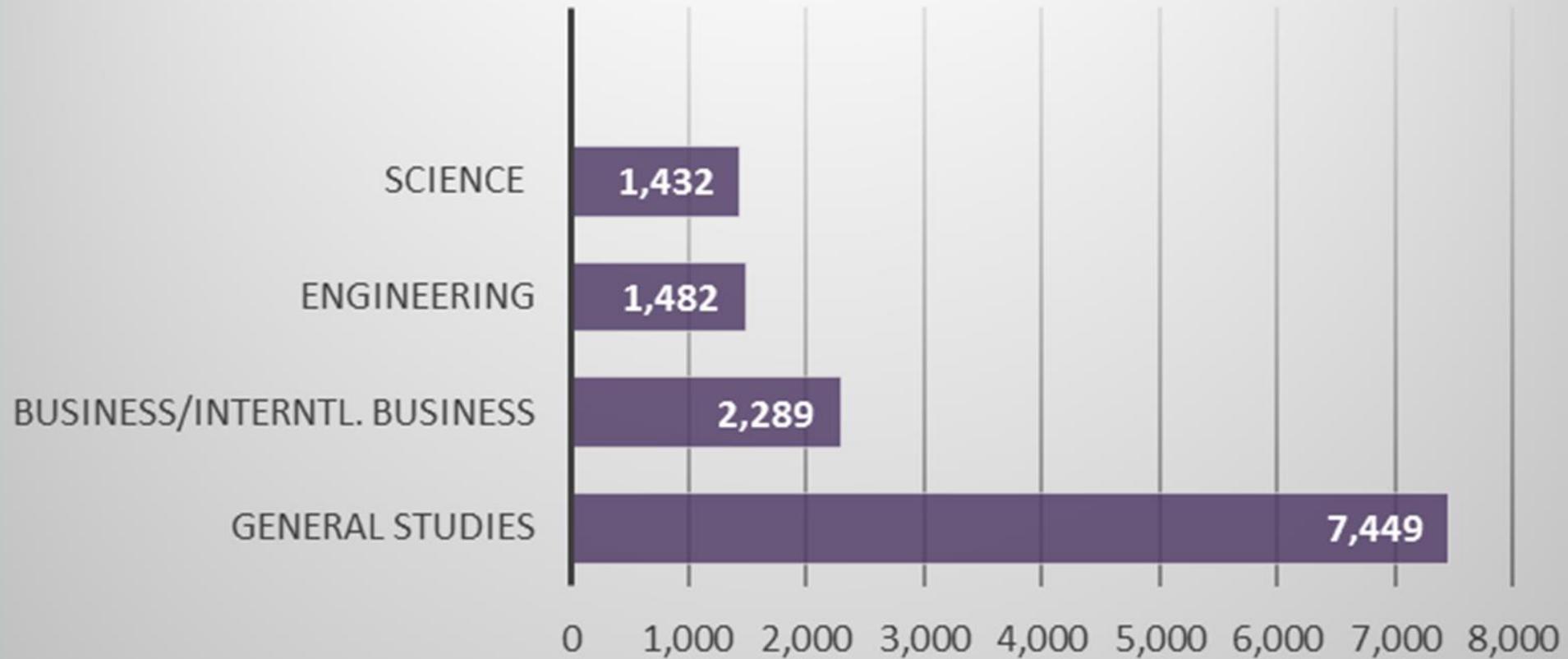
35,000
CREDIT

25,000
NONCREDIT

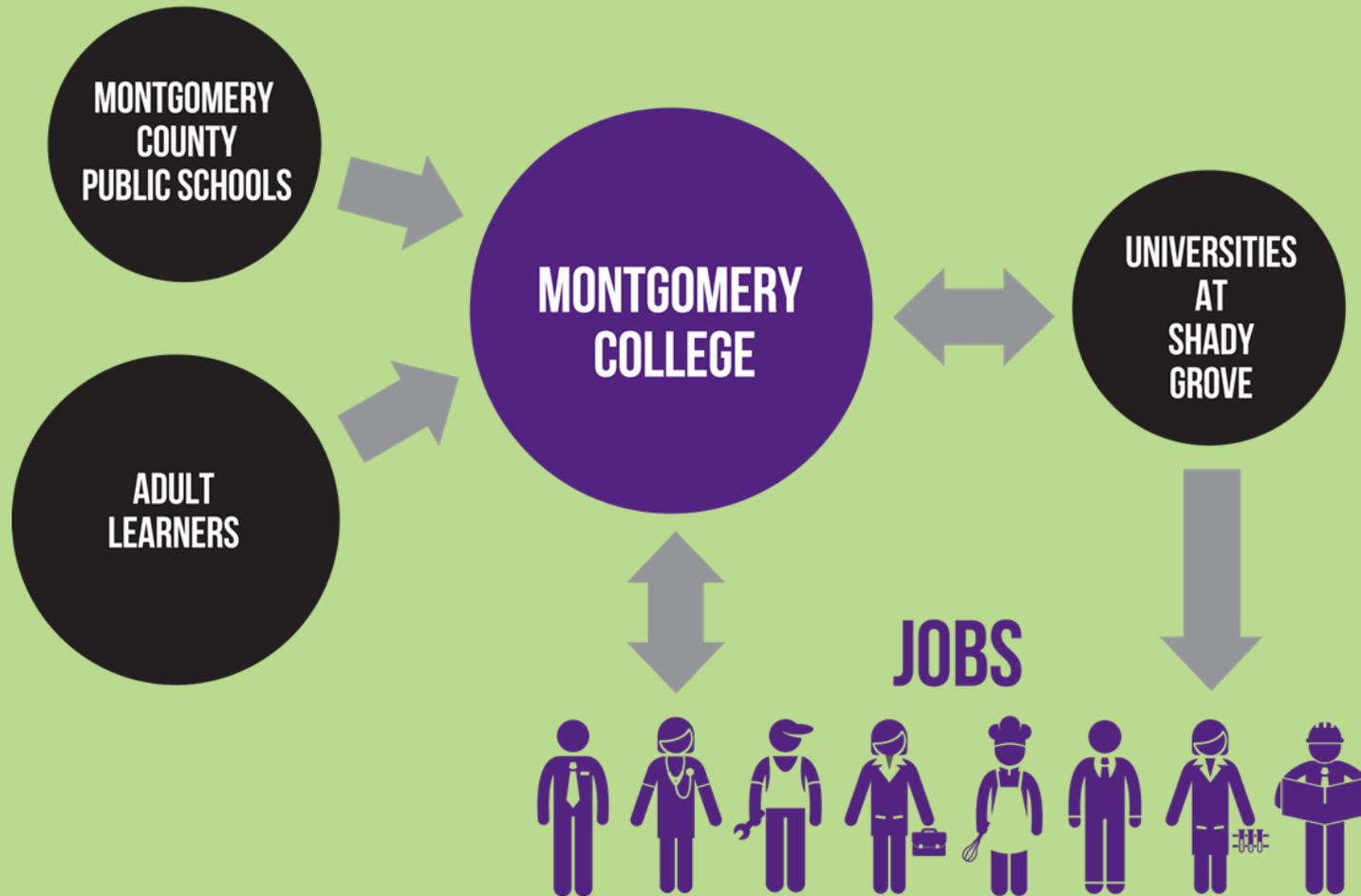


100,000
ALUMNI

Enrollment by Curriculum Associate Degrees (2015)



KINDERGARTEN TO JOBS





Questions?

