

Ag Fact!

- The US plants about _____ acres of corn each year!
- Have 3 color sticks!

Ag Fact!

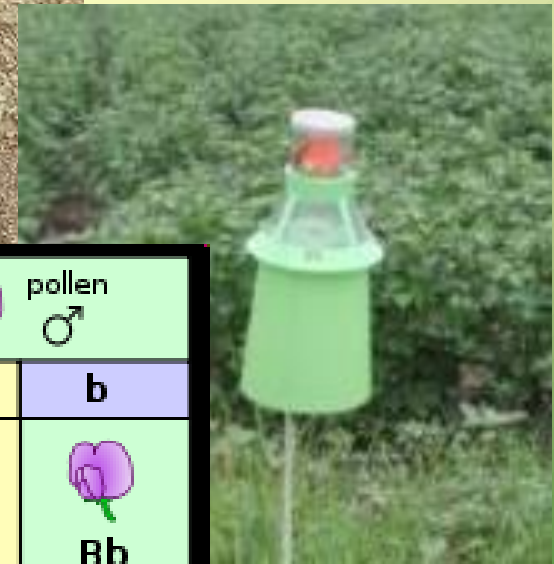
- The US plants about 85 million acres of corn each year!

Agronomy

Ag I: Introduction to Agricultural Sciences

Agronomy

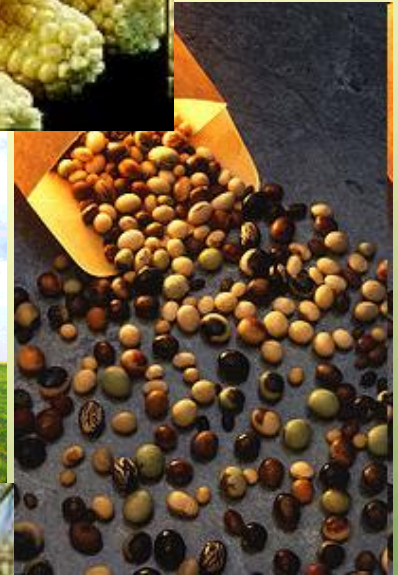
- Definition: science of crop production (typically the grain/forage crops)
- Agronomy Involves -
 - Soil science
 - Pest management
 - Genetics



		pollen ♂	
		B	b
pistil ♀	B	BB	Bb
	b	Bb	bb

United States and Illinois Crops

- Top US Crops:
 - Corn
 - Soybeans
 - Hay
 - Wheat



United States and Illinois Crops

Top Crops in Illinois in 2010–

- Corn (2nd agricultural commodity)
- Soybeans (3rd agricultural commodity)
- Winter Wheat (5th agricultural commodity)
- Pumpkins (1st agricultural commodity)
- Alfalfa Hay (4th agricultural commodity)



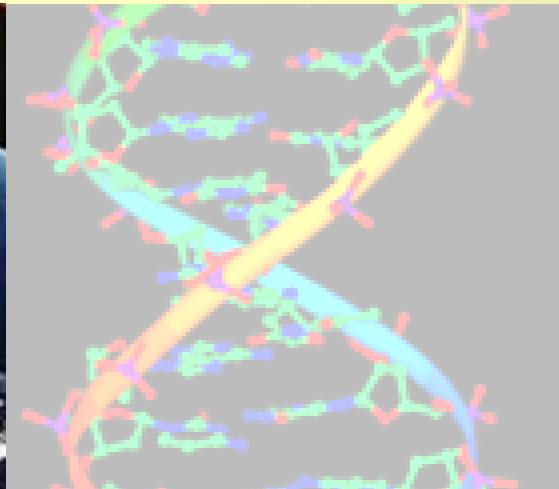
A Changing Industry

- While growing crops has been around a long time, how that is done has changed greatly
 - Old Ways:
 - Small farms, animal drawn implements or hand harvested
 - Average farm size 1900: 146 acres



A Changing Industry

- New Ways:
 - Technology: GPS, equipment, bioengineering
 - Genetics: pest and pesticide resistant plants, better yields
 - Average farm size 2007: 449 acres



Grains and Feeds to Know

1. Alfalfa pellets
2. Rice bran
3. Beet pulp pellets
4. Soybean meal
5. Alfalfa cubes
6. Cottonseed meal
7. Chopped hay
8. Wheat bran
9. Whole oats
10. Iodized salt
11. Rolled oats
12. Trace mineral salt
13. Whole barley
14. Salt with selenium
15. Rolled barley
16. Rye
17. Whole corn
18. Wheat
19. Cracked corn
- 20.a COB (wet)
- 20.b COB (dry)
21. Rolled corn
22. Molasses
23. Linseed meal
24. Flax
25. Crimped oats