

Rooted in Georgia. Ready for the Revolution.

History of hemp in the U.S.





Hemp was an important crop in colonial America and throughout the 1800's.

Domestic hemp's dominance in the U.S. took a significant downturn in 1937 with the passage of the Marijuana Tax Act

Synthetic fibers
created by Dow
and DuPont made
hemp more
obsolete

Substances Act classified hemp as an illegal schedule l drug.

2014 Farm bill

allowed pilot programs for hemp research. Many states had pilot programs (Colorado, Kentucky, Oregon etc.)

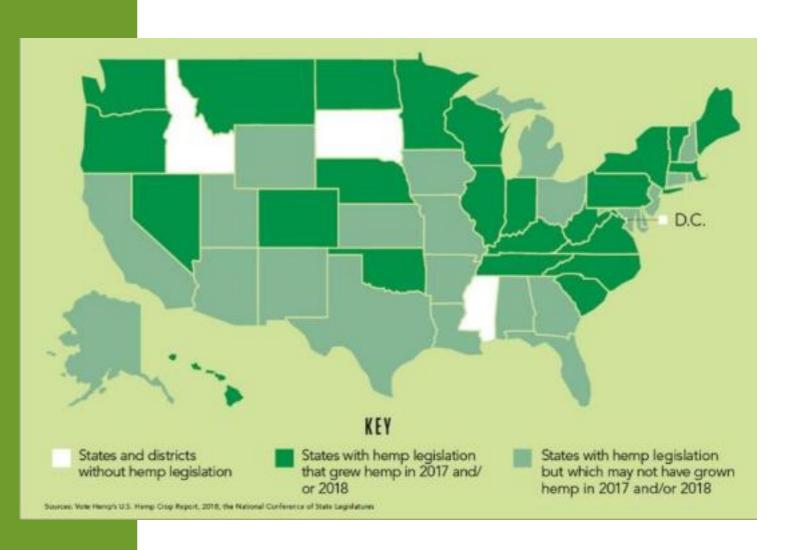
2018 Farm bill

federally legalized hemp production with less than 0.3% THC, allowing states to regulate.

As of today,

47 of 50 states have passed legislation legalizing the cultivation of CBD Hemp, and it will most likely be all 50 by the end of the year.





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3 Types of Cannabis





Cannabis Sativa

Taller, thinner leaves, wider node spacing to handle heat-humidity.



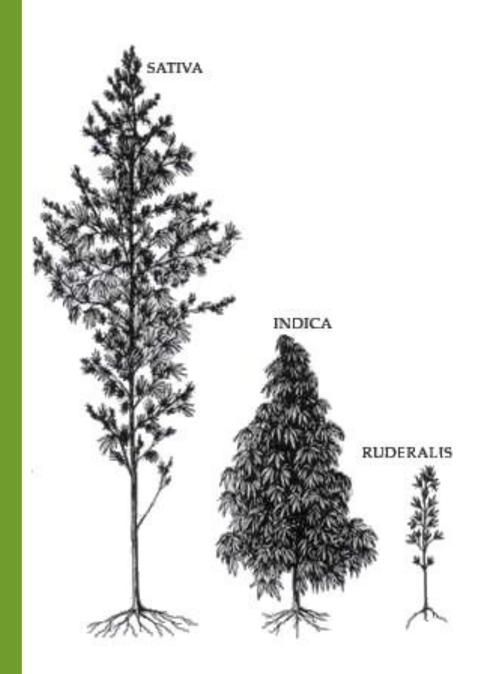
Cannabis Indicus

Shorter, bushier, and broad leaves capable of producing heavy biomass.



Cannabis Ruderalis

Native to Eastern
Europe/Asia, typically
compact and is not daylight
sensitive.



3 Types of Hemp Production



Fiber production



Flower/Cannabinoid production (CBD)







H.B. 213 Georgia Hemp Farming Act

SECOND CENTURY

GA hemp rules and regs:

- You must be engaged in the Ag industry generating at least \$5000/year of revenue.
- You must have a contract with a Georgia processor.
- Your premise will be geolocated, available for inspection at request, and signage displayed if within sight of a road.
- If your crop tests above 0.33% THC (eventually above 0.3%) it will be destroyed.
- If this occurs, the processor will be responsible for 50% of your input costs.
- http://agr.georgia.gov/hemp/Georgia-Hemp-Plan.pdf



- You use our Genetics
- Follow our Standard Operating Procedures (SOPs)
- Produce a minimum level of production, and we contract to buy your biomass at a set price.
- We handle marketing, you grow the crop.

Standard Operating Procedures

- Soil test (standard and heavy metals)
- Choose site wisely (well drained, productive)
- Plant on time (May 15-July 15)
- Dial in fertility
- Get and stay ahead of weeds
- Follow irrigation protocols
- Scout for pests and plant health weekly
- Test on time, harvest on time
- Manage post harvest handling and drying efficiently





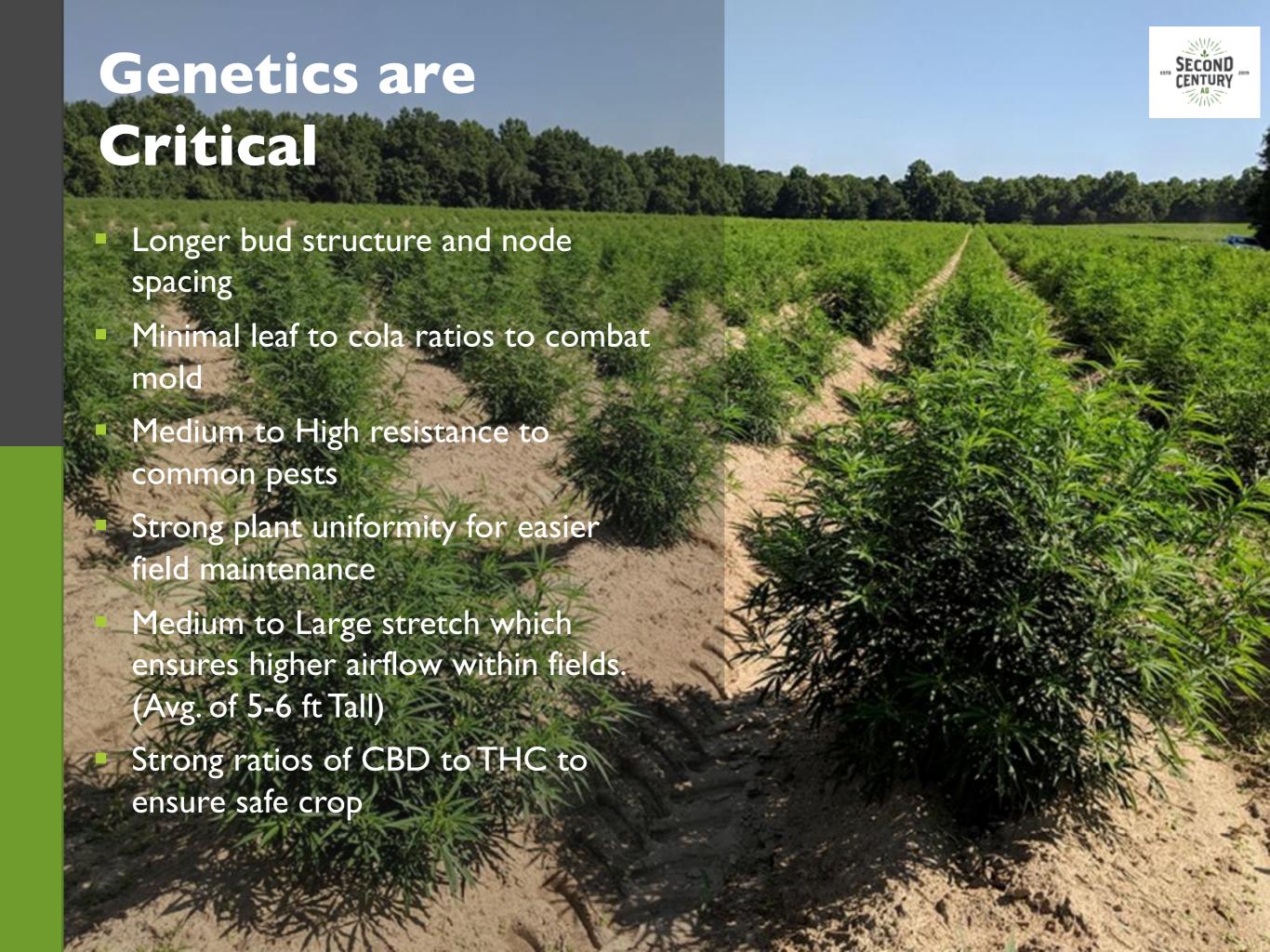


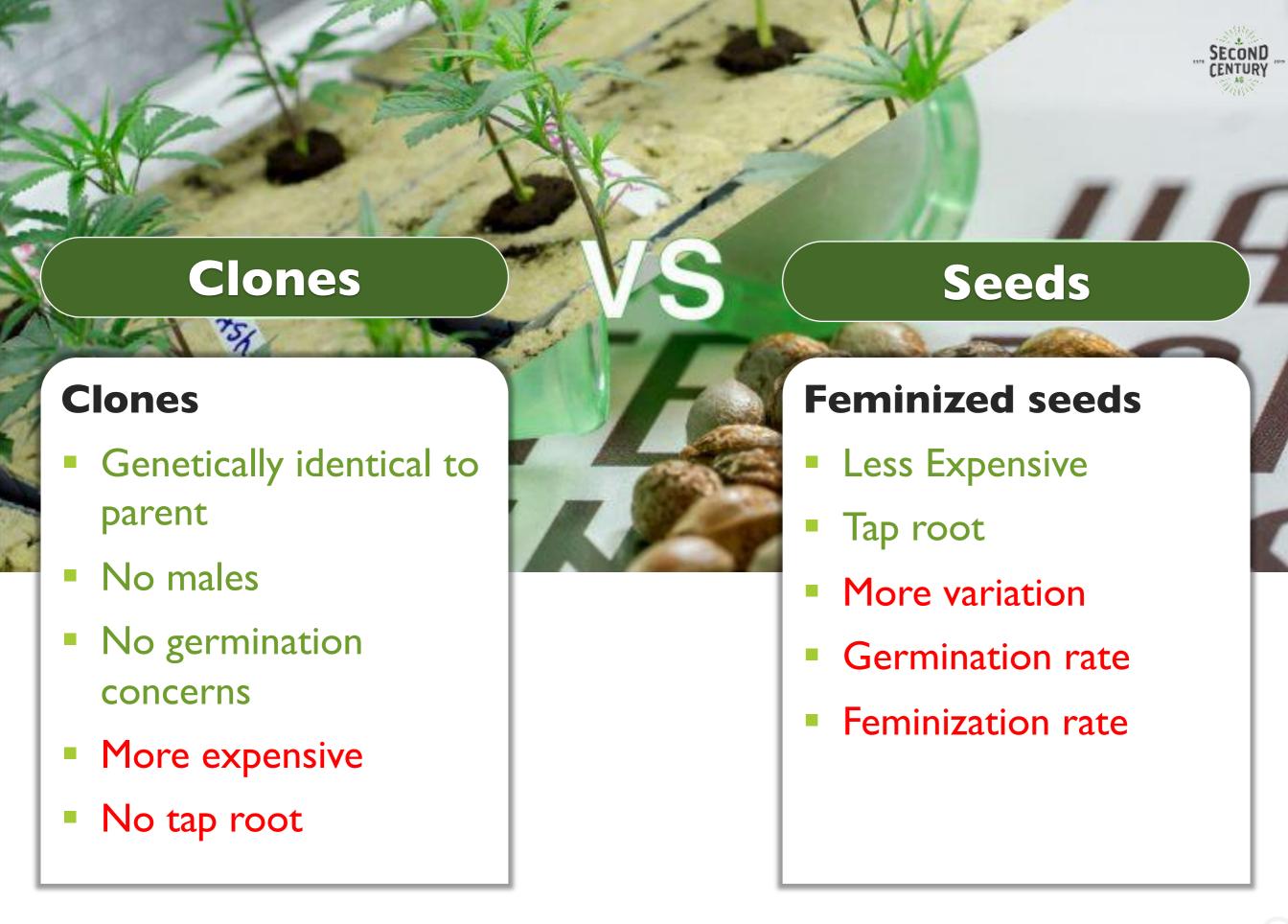
Fertility



- 100-150lbs N per acre (2.5 tons chicken litter)
- If fertigating, cut back on N and need more K closer to harvest
- Irrigation prefers it on the drier side of things











Rooted Cuttings in 72 count trays

Plants grown in greenhouse and hardened before delivery

Plants transplanted and watered in

4 row planter should plant 15-20 acres/day



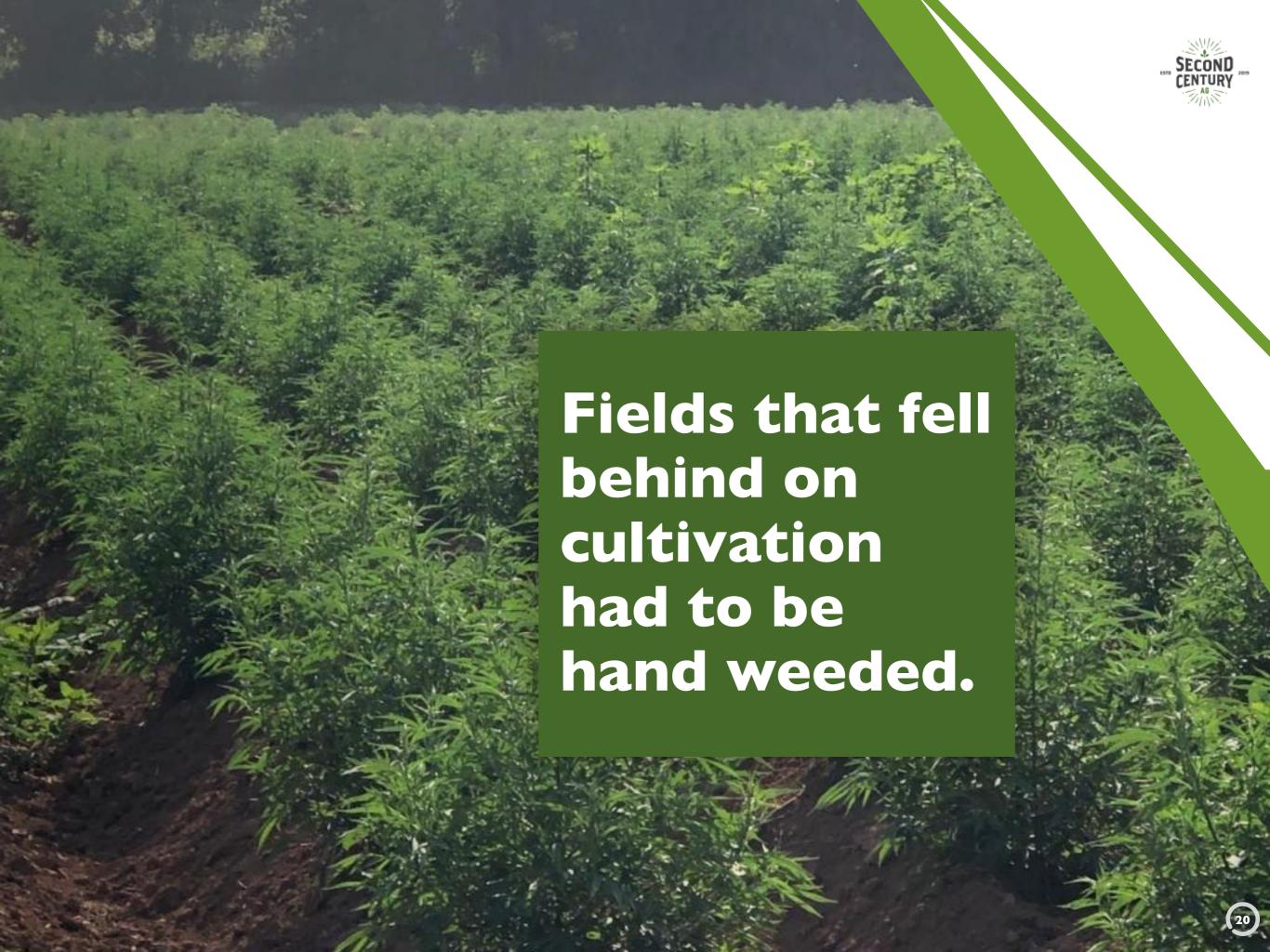
Soil structure must be properly prepared and weed management addressed with preplant tillage.











Average about 1200-1500 lbs./acre biomass

Full season plants average over 10% CBD







Granville Hemp Harvester based on their Tobacco model

2 row unit will cover 6-8 acres/day



















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