

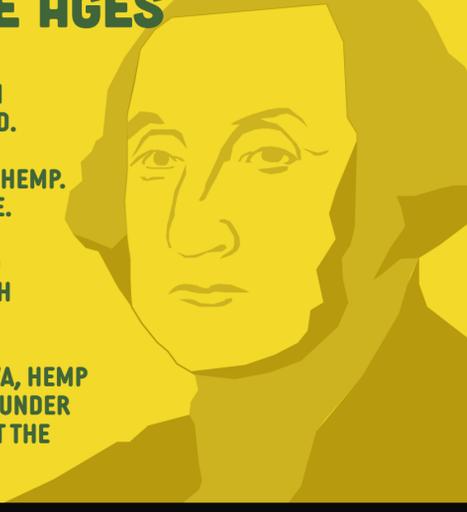


IS NC READY FOR A HEMP REVOLUTION?

THE INDUSTRIAL HEMP INDUSTRY IS GROWING NATIONALLY AND NORTH CAROLINA IS TAKING ADVANTAGE OF THE OPPORTUNITY. ACCORDING TO HEMP INDUSTRY DAILY, "NORTH CAROLINA HAS GONE ALL-IN ON HEMP." HEMP IS A NATURAL FIT FOR NC'S ECONOMY, WHICH WAS ONCE DOMINATED BY TOBACCO FARMING AND TEXTILE MANUFACTURING.

HEMP THROUGH THE AGES

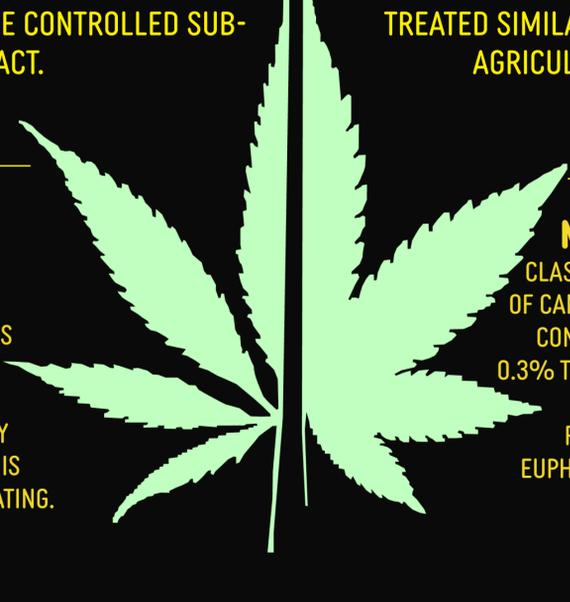
- DATES BACK TO THE STONE AGE. HEMP FIBER IMPRINTS WERE FOUND IN POTTERY SHARDS IN CHINA BELIEVED TO BE OVER 10,000 YEARS OLD.
- EARLY ENGLISH SETTLERS IN VIRGINIA GREW HEMP. EVEN GEORGE WASHINGTON WAS AN ADVOCATE.
- IN NORTH CAROLINA, HEMP WAS GROWN AND HARVESTED FROM THE 18TH TO THE EARLY 20TH CENTURIES AS A SOURCE OF FIBER AND OIL.
- BECAUSE IT IS A VARIETY OF CANNABIS SATIVA, HEMP WAS HEAVILY TAXED ALONG WITH MARIJUANA UNDER THE MARIJUANA TAX ACT OF 1937, WHICH SENT THE NC HEMP INDUSTRY INTO DECLINE.



HEMP VS MARIJUANA

THE 2018 FARM BILL REMOVED INDUSTRIAL HEMP FROM THE DEFINITION OF MARIJUANA UNDER THE CONTROLLED SUBSTANCES ACT.

INDUSTRIAL HEMP IS NO LONGER CONSIDERED A SCHEDULE I DRUG AND IS NOW TREATED SIMILARLY TO OTHER AGRICULTURAL CROPS.



HEMP
CLASSIFIES VARIETIES OF CANNABINOIDS THAT CONTAIN 0.3% OR LESS THC (DRY WEIGHT) AND IS NON-INTOXICATING.

MARIJUANA
CLASSIFIES VARIETIES OF CANNABINOIDS THAT CONTAIN MORE THAN 0.3% THC (DRY WEIGHT) AND CAN INDUCE PSYCHOTROPIC OR EUPHORIC EFFECTS ON THE USER.

IS HEMP BETTER THAN COTTON?

ON AN ANNUAL BASIS, ONE ACRE OF HEMP WILL PRODUCE AS MUCH FIBER AS UP TO 3 ACRES OF COTTON.



HEMP REQUIRES NO PESTICIDES, NO HERBICIDES, AND ONLY MODERATE AMOUNTS OF FERTILIZER.

HEMP FIBER IS STRONGER AND SOFTER, LASTS TWICE AS LONG AND WILL NOT MILDEW.

HEMP IS FROST TOLERANT AND REQUIRES MUCH LESS WATER THAN COTTON.

COTTON REQUIRES LARGE QUANTITIES OF PESTICIDES AND HERBICIDES.

OVER 50,000 PRODUCTS ARE MADE WITH HEMP

- SOAP - LIP BALM - VARNISH - FABRICS - MORTAR - JEWELRY - NETTING - SALAD OIL PAPER - HAND CREAM - ANIMAL BEDDING - DIETARY SUPPLEMENTS - GRANOLA - FIBERBOARD - CARPETING - SOCKS - DENIM - NEWSPRINT - MULCH AND COMPOST - TARP - OIL PAINT - PUTTY - COSMETICS - CEMENT - MARGARINE - SHAMPOO - LOTION - SHOES - CANVAS - FIBER BOARD - THERMAL INSULATION -

1 ACRE OF HEMP WILL PRODUCE AS MUCH PAPER AS 2 TO 4 ACRES OF TREES



IT TAKES TREES YEARS TO GROW UNTIL THEY CAN BE HARVESTED FOR PAPER OR WOOD, BUT HEMP IS READY FOR HARVESTING **ONLY 120 DAYS** AFTER IT IS PLANTED.



INDUSTRIAL HEMP PILOT PROGRAM

HEMP PRODUCTION HAS BEEN LEGALIZED IN NORTH CAROLINA, BUT ONLY AS PART OF THE STATE'S PILOT PROGRAM AS ALLOWED UNDER FEDERAL LAW.

NORTH CAROLINA'S ABILITY TO OPERATE THEIR CURRENT PILOT HEMP PROGRAM WILL EXPIRE ON OCTOBER 31, 2020.

NC HEMP BY THE NUMBERS

* As of May 1, 2020 from N.C. Department of Agriculture and Consumer Services

- 1,481**
LICENSED HEMP GROWERS
- 17,167.3**
LICENSED ACRES
- 7,262,454.59**
LICENSED SQ. FT. OF GREENHOUSE SPACE
- 1,061**
REGISTERED PROCESSORS



CBD OIL

CBD OIL IS DERIVED FROM HEMP FLOWERS. THE BOOMING CBD OIL MARKET WAS ESTIMATED TO BE WORTH **\$1.9 BILLION LAST YEAR**, AND PROJECTED TO SURPASS **\$20 BILLION BY 2024**

SOURCES

- <https://www.ncagr.gov/hemp/>
- https://industrialhemp.ces.ncsu.edu/wp-content/uploads/2019/09/NC_State_Economist_Hemp_Summer_2019.pdf?fwf=no
- <https://www.newsobserver.com/news/local/article213445289.html#storylink=cpy>
- <https://www.morningagclips.com/nc-state-goes-all-out-to-support-hemp-growers/>
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