



2023 INDUSTRIAL HEMP ADVISORY BOARD MEETING

Kansas Department of Agriculture
Commercial Industrial Hemp Program
December 20, 2023

Industrial Hemp Grower Licenses Issued by Year by KDA

Type	2019	2020	2021	2022	2023
Grower	213	218	81	61	40

KDA issued 40 industrial hemp producer licenses in 2023.

31 (78%) licenses grew industrial hemp in 2023. Of those who planted hemp, 20 (64%) licenses grew for either fiber, grain, or seed; 7 (23%) for CBD or floral type hemp; 3 (10%) for public or private research; and 1 (3%) for propagative stock.



Hemp Production Plans

Type and Status	Count
States	50
Approved Plan Under Final Rule March 2021	31
USDA Approved Plan	11
USDA Hemp Producer License	8
Territories	3
Approved Plan Under Final Rule March 2021	1
USDA Approved Plan	2
Tribes	63
Approved Plan Under Final Rule March 2021	20
Under Review	2
USDA Approved Plan	34
USDA Hemp Producer License	7

Kansas is one of 42 states with state hemp programs. States, territories, and tribal nations without programs are regulated directly licensed through USDA.



Hemp Processor Licenses Issued by Year by KDA

Type	2019	2020	2021	2022	2023
Processor	35	24	-	-	-

Beginning in 2021 The Office of the State Fire Marshal (SFM) began registering hemp processors in Kansas on an annual basis. The SFM lists 6 CBD/Chemical Processors and 2 Agricultural/Plant Separation Processors (fiber) operating in Kansas as of September 2023.

Information about hemp processors in Kansas may be found here: <https://firemarshal.ks.gov/334/Commercial-Industrial-Hemp-Processing>

Another fiber processor is located in the Prairie Band Potawatomi Nation.

Licensing of hemp processors and requirements varies by state.



Industrial Hemp Acres in Kansas Reported to KDA

Activity	2019	2020	2021	2022	2023
Licensed	5,800	9,925	1,630	1,095	900
Planted	2,782	3,968	501	842	814

KDA licensed acreage for industrial hemp changed by **18%** from 2022 to 2023.

Planted acres decreased by approximately **3%**; however, a greater proportion of licensed acres were planted in 2023 as compared to the previous year.



Industrial Hemp in KS by End-Use in 2023

Continued interest for fiber and grain types of hemp was observed in 2023 .

Approximately **71%** of the planted acreage was solely for fiber.





Fiber hemp plantings



Industrial Hemp in KS by End-Use in 2023

Continued interest for fiber and grain types of hemp was observed in 2023 .

Approximately 71% of the planted acreage was solely for fiber.

Planted acreage dedicated for dual purpose end-uses was 15% and 13%, for fiber/grain and fiber/seed, respectively.





Dual purpose hemp plantings



Industrial Hemp in KS by End-Use in 2023

Continued interest for fiber and grain types of hemp was observed in 2023 .

Approximately 71% of the planted acreage was solely for fiber.

Acreage dedicated for dual purpose end-uses was 15% and 13%, for fiber/grain and fiber/seed, respectively.

CBD or floral plantings is estimated at 1% of the total planted hemp acreage.





High tunnel and outdoor CBD or floral hemp plantings



Indoor CBD hemp or floral hemp plantings





Hemp for propagative stock or “sets”



Industrial Hemp Acres in Kansas Reported to KDA

Activity	2019	2020	2021	2022	2023
Planted	2,782	3,968	501	842	814
Harvested	1,831	761	260	523	652

Harvested acreage from 2022 to 2023 increased by 25%, where a greater percentage of planted acres were harvested as compared to the previous year, an increase of 18%.





Harvested hemp fiber



Harvested hemp seed





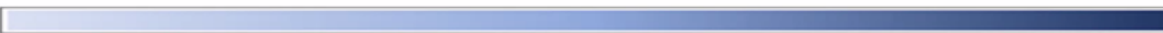
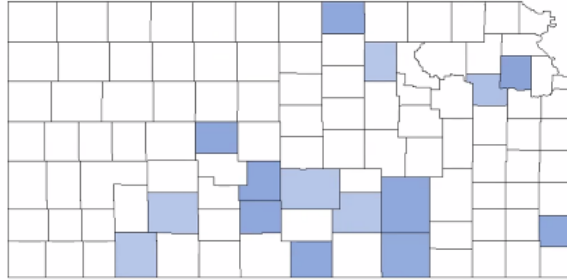
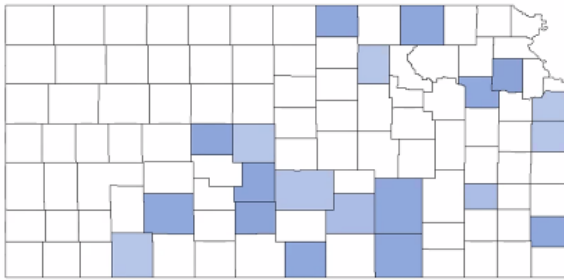
Harvested CBD hemp or floral hemp



Distribution of Industrial Hemp Acres Planted and Harvested in 2023

Planted

Harvested



0.0003 acres

50th Percentile

3000 acres

Industrial hemp was planted in 20 counties with harvests occurring in 15. This does not include counties where hemp plantings occurred in tribal nations.



Reasons for 2023 Failed Acres

Reason	Failed Acres
Other; Partial Harvest or Voluntary Disposal	2
Poor Germ./Emergence	126
Weed Pressure	28
Total Failed Acres	156

Failed acreage occurred due to issues with poor emergence/germination, weed pressure, and other production issues such as exposure to pesticides.



Failed industrial hemp acreages



U.S. Department of Agriculture Farm Service Agency Crop Acreage Data for 2023 in Kansas by End-Use

Federal data supports that hemp planted in Kansas equates to approximately 5% of the acreage in the U.S.

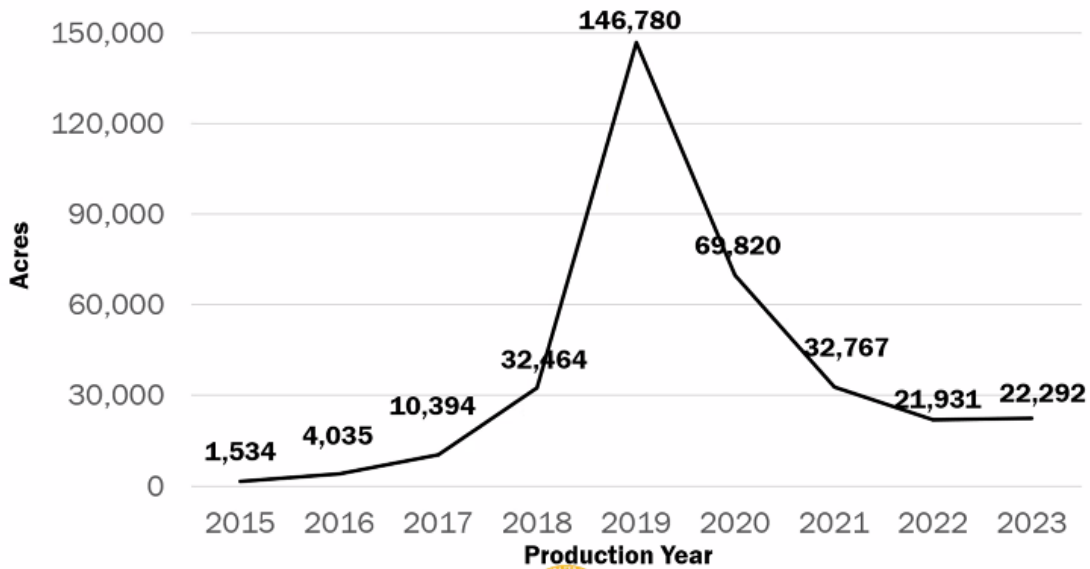
USDA-FSA reports a 15% increase in planted hemp acreage from 2022 to 2023 in Kansas, from 945 to 1086 acres (this data includes any acreage from the Prairie Band Potawatomi Nation and the Iowa Tribe of Kansas and Nebraska).

By End-Use	2022 Acres	% Total	2023 Acres	% Total
CBD	82	9%	6	1%
Fiber	620	66%	899	83%
Grain	123	13%	112	10%
Seed	120	13%	69	6%
Sets	0.07	0%	0.01	0%
Total	945	100%	1086	100%



www.fsa.usda.gov/news-room/efoia/electronic-reading-room/frequently-requested-information/crop-acreage-data/index

Hemp Acres- Nationwide Trends



www.fsa.usda.gov/news-room/efoia/electronic-reading-room/frequently-requested-information/crop-acreage-data/index

By End-Use	2022 Acres	% Total	2023 Acres	% Total
CBD	7,736	35%	5,910	27%
Fiber	8,619	39%	11,144	50%
Grain	4,181	19%	4,267	19%
Seed	1,384	6%	939	4%
Sets	11	0%	32	0%
Total	21,931	100%	22,292	100%

U.S. Department of Agriculture Farm Service Agency Crop Acreage Data for 2023 Nationwide by End-Use

As of December 8, 2023, USDA-FSA crop acreage data for 2023 indicates a 2% increase in planted acreage nationwide.

U.S. trends for end-use have continued to increase toward fiber production, federal data showing fiber production accounted for 50% of the total acreage in 2023 as compared to 39% the prior year.



www.fsa.usda.gov/news-room/efoia/electronic-reading-room/frequently-requested-information/crop-acreage-data/index

U.S. Department of Agriculture Farm Service Agency Crop Acreage Data for 2023

States leading in hemp production have changed over the last few years.

Most notably significant acreage increases in hemp planted were observed in Idaho, Montana, South Dakota, Minnesota, and California.

Per USDA reports, states with the greatest reductions in hemp acreage from 2022 to 2023 include: Wisconsin, Missouri, Colorado, Texas, and Rhode Island.

State	2022 Acres	2023 Acres	% Change
Montana	2,999	4,063	35
South Dakota	2,540	3,127	23
Idaho	1,228	2,305	88
Kentucky	1,351	1,506	11
Oregon	1,125	1,434	27
Kansas	945	1,086	15
Minnesota	529	990	87
Missouri	1494	951	-36
Oklahoma	552	885	60
California	340	696	105



www.fsa.usda.gov/news-room/efoia/electronic-reading-room/frequently-requested-information/crop-acreage-data/index

USDA-NASS Surveys and Publications



ISSN: 2831-5545

Released April 19, 2023, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

2022 Industrial Hemp Value \$238 Million
2022 Industrial Hemp in the Open Value \$212 Million
2022 Industrial Hemp Under Protection Value \$26.1 Million

All industrial hemp: In 2022, the value of hemp production in the open and under protection for the United States totaled \$238 million, down 71 percent from 2021.

Industrial hemp in the open: Planted area for the Nation in 2022 for all utilizations totaled 28,314 acres, down 48 percent from 2021. The value of hemp production in the open for the United States totaled \$212 million, down 70 percent from last year. Area harvested for all purposes in the open totaled 18,251 acres, down 45 percent from 2021.

National Hemp Report

Beginning in 2021, the U.S. Department of Agriculture National Agricultural Statistics Service (USDA-NASS) began collecting information on the acreage, yield, production, price, and value of hemp in the US.

The Hemp Production and Disposition Inquiry looks to provide necessary data about the hemp industry to assist producers, regulatory agencies, state governments, processors, and other key industry entities for informed decision making.



www.nass.usda.gov/Surveys/Guide_to_NASS_Surveys/Hemp/index.php

USDA Farm Service Agency (FSA) Hemp Acreage Reporting

Hemp producers are required to file acreage reports with USDA FSA.

Producers should contact their local FSA office for details on acreage reporting.

It is important to note that the FSA Acreage Report deadline for hemp is within 30 days of planting the crop.

Courses for reporting hemp crop acreage with FSA are available through USDA:

www.ams.usda.gov/rules-regulations/hemp/hemp-learning-platform



www.farmers.gov

Industrial Hemp Commercial Program – Reporting Requirements and Deadlines

The following table depicts important licensing, licensure and reporting dates:

What	Who	Due to KDA	Comments
License Application	Each individual seeking a license to grow or cultivate industrial hemp.	March 15 each year.	No later than March 15 for each subsequent growing season.
Planting Report	The commercial industrial hemp producer licensee.	No more than 15 days after each planting, including replanting of seeds or propagules; must provide USDA FSA hemp acreage reporting information.	Hemp acreage reporting information must be filed with USDA-FSA; please consult your county FSA office.
Pre-Harvest Report	The commercial hemp producer licensee.	No fewer than 30 days prior to each intended harvest date.	
Effective Disposal Report	The commercial hemp producer licensee.	No fewer than 15 days prior to each intended disposal date.	
Harvest Report	The commercial hemp producer licensee.	No more than ten days after each harvest.	
License Expiration	The commercial hemp producer licensee.	December 31 of each license year.	



Commercial Industrial Hemp Program – Applications

KDA is accepting 2024 Industrial Hemp Producer License Applications postmarked by March 15, 2024. Please note that KDA can answer questions but will not provide direct assistance in completing the Commercial Industrial Hemp Producer License Application.

**Send applications to:
Commercial Industrial Hemp Program
Kansas Department of Agriculture
1320 Research Park Drive
Manhattan, KS 66502**

**Website:
Agriculture.ks.gov/IndustrialHemp**

**Program email:
KDA.IndustrialHemp@ks.gov**

