



Registration Summary

The Missouri Industrial Hemp Program closed out the second year of production in 2021. For a summary of registration information see Table 1; the program issued 63 Producer Registrations, 11 Agricultural Hemp Propagule and Seed Permits, and 8 Industrial Hemp Sampler Certifications in calendar year 2021 (CY21). Appendix A provides annual comparison data.

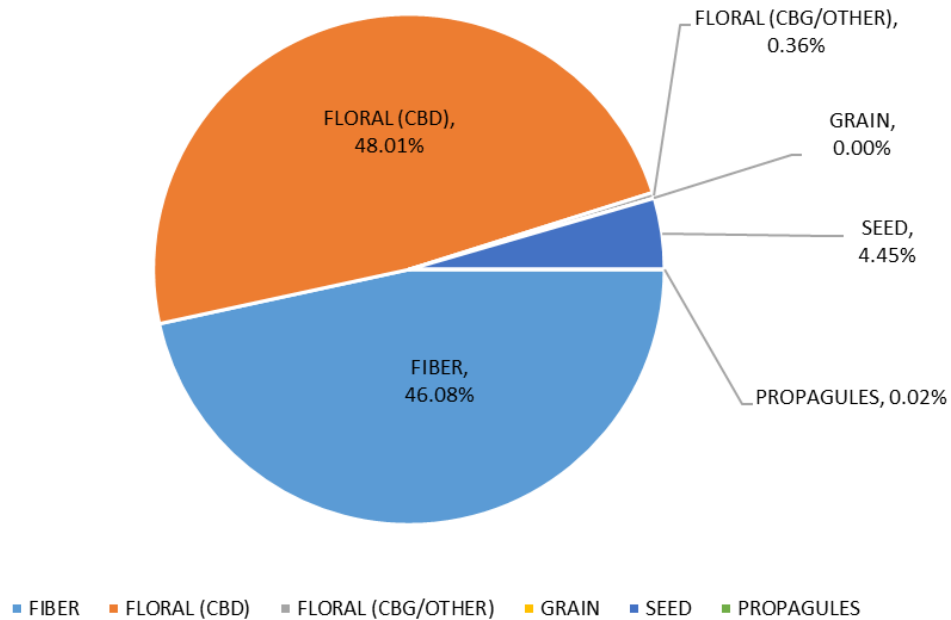
Table 1 – 2021 Registration Types

Registration Type	2020 Renewals	2021 Issued	Active on 12/31/2021
Producer Registration	115	63	178
Agricultural Hemp Propagule and Seed Permit	37	11	48
Certified Industrial Hemp Sampler	43	8	51

Production Summary

Planting summary data based on annual reporting submitted by registered producers for November 2, 2020 – October 31, 2022. Registered Producers reported 1,514 acres planted during the reporting period. Approximately 43% of active registered producers planted in 2021. The top production categories identified were floral CBD and fiber production accounting for 94% of planted acres. Chart 1 illustrates additional details of intended use; data presented based on producer-reported categories.

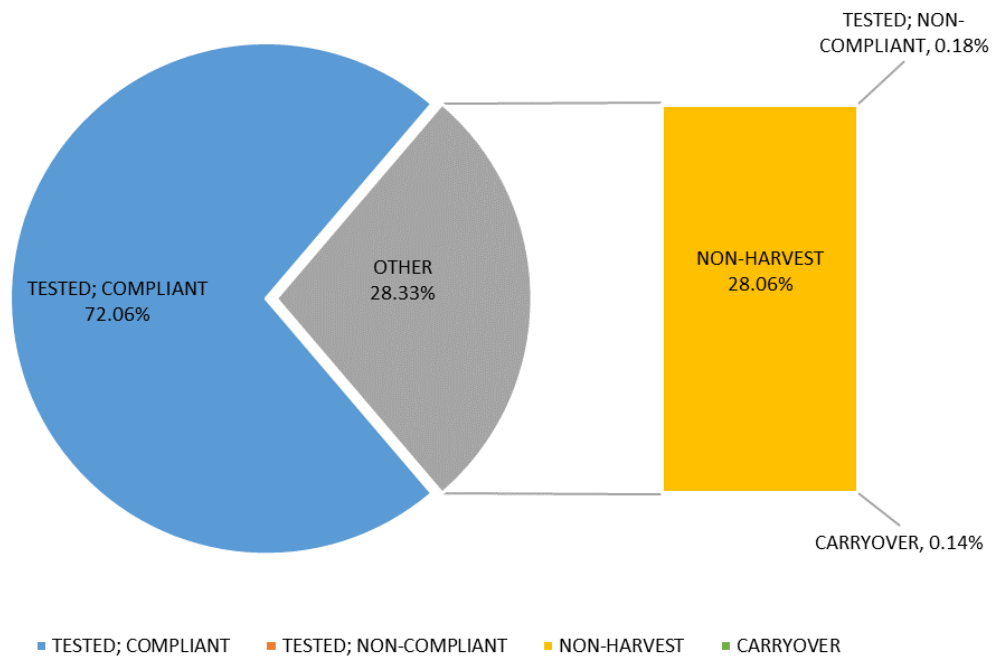
Chart 1. Intended Use of 2021 Planted Acres



The outcome of planted acres are shown in Chart 2, with 72.7% of planted acres testing compliant and eligible for harvest. The remaining planted acres 28% were identified by producers as non-harvest acres. Non-harvest acres were unharvested due to a variety of factors including pest or disease, weather, lack of labor, lack of market, or unfavorable preliminary test results. A small percentage of acres planted in 2021 (0.15%) were carried into the 2022 reporting period, such as indoor production, or had final statuses pending at the end of the calendar year.



Chart 2. Outcome of 2021 Planted Acres



Additional county-by-county details for the 2021 production season are listed below in Table 2.



Table 2. County Data for 2021 Industrial Hemp Program.

* fewer than 3 Registered Producers

County	Planted Acres	Number of Registered Producers	Number of Certified Samplers
Adair	*	*	*
Andrew	3 - 5	*	*
Atchison	*	*	*
Audrain	*	3 - 5	*
Barry	*	*	*
Barton	>50	3 - 5	*
Bates	10 - 25	3 - 5	*
Benton	*	*	*
Bollinger	>50	*	*
Boone	*	5 - 10	>10
Buchanan	*	*	*
Butler	*	3 - 5	*
Caldwell	*	*	*
Callaway	*	*	*
Camden	*	*	*
Cape Girardeau	>50	3 - 5	*
Carroll	*	*	*
Carter	*	*	*
Cass	25 - 50	>10	*
Cedar	*	*	*
Chariton	*	3 - 5	*
Christian	3 - 5	*	*
Clark	*	*	*
Clay	*	3 - 5	5 - 10
Clinton	*	*	*
Cole	3 - 5	*	*
Cooper	*	*	*
Crawford	*	*	*
Dade	*	*	*
Dallas	*	*	*
Daviess	*	*	*
DeKalb	*	*	*
Dent	*	*	*
Douglas	*	*	*
Dunklin	*	5 - 10	*
Franklin	10 - 25	>10	*

County	Planted Acres	Number of Registered Producers	Number of Certified Samplers
Gasconade	*	3 - 5	*
Gentry	*	*	*
Greene	5 - 10	3 - 5	*
Grundy	*	*	*
Harrison	*	5 - 10	*
Henry	*	*	*
Hickory	*	*	*
Holt	*	*	*
Howard	*	*	*
Howell	>50	*	*
Iron	*	*	*
Jackson	*	5 - 10	5 - 10
Jasper	>50	>10	*
Jefferson	*	5 - 10	*
Johnson	*	3 - 5	*
Knox	*	*	*
Laclede	*	*	*
Lafayette	25 - 50	5 - 10	*
Lawrence	*	*	*
Lewis	*	*	*
Lincoln	*	*	*
Linn	*	>10	3 - 5
Livingston	*	*	*
Macon	*	3 - 5	*
Madison	*	*	*
Maries	*	*	*
Marion	*	*	*
McDonald	*	*	*
Mercer	*	*	*
Miller	*	*	*
Mississippi	*	*	*
Moniteau	3 - 5	*	*
Monroe	*	*	*
Montgomery	*	3 - 5	*
Morgan	*	*	*
New Madrid	*	*	*
Newton	10 - 25	*	*



MISSOURI DEPARTMENT OF AGRICULTURE
 PLANT INDUSTRIES DIVISION
 INDUSTRIAL HEMP PROGRAM

2021 Summary

County	Planted Acres	Number of Registered Producers	Number of Certified Samplers
Nodaway	>50	5 - 10	*
Oregon	*	5 - 10	*
Osage	5 - 10	*	*
Ozark	*	*	*
Pemiscot	*	*	*
Perry	*	*	*
Pettis	*	*	*
Phelps	*	*	*
Pike	*	*	*
Platte	10 - 25	5 - 10	*
Polk	*	3 - 5	*
Pulaski	*	*	*
Putnam	*	*	*
Ralls	*	*	*
Randolph	*	*	*
Ray	*	*	*
Reynolds	*	*	*
Ripley	*	*	*
Saline	*	*	*
Schuyler	*	*	*
Scotland	*	*	*
Scott	>50	>10	3 - 5
Shannon	*	*	*
Shelby	*	*	*
St Charles	>50	5 - 10	3 - 5
St Clair	*	*	*
St Francois	*	*	*
St Louis	*	5 - 10	5 - 10
St Louis City	*	*	*
Ste Genevieve	*	*	*
Stoddard	*	3 - 5	*
Stone	*	*	*
Sullivan	*	*	*
Taney	*	*	*
Texas	*	*	*
Vernon	>50	5 - 10	*
Warren	5 - 10	3 - 5	*
Washington	*	*	*

County	Planted Acres	Number of Registered Producers	Number of Certified Samplers
Wayne	*	*	*
Webster	*	*	*
Worth	*	*	*
Wright	*	3 - 5	*



Appendix A – Year to Year Comparison

Table 3 – Registration Types

Registration Type	Issued		Active on 12/31/2021	Year to Year Change (Percent)
	2020	2021		
Producer Registration	207	63	178	-14.01%
Agricultural Hemp Propagule & Seed Permit	78	11	48	-38.46%
Certified Industrial Hemp Sampler	80	8	51	-36.25%
Total all types	365	82	277	-24.11%

Table 4 –Registered or Permitted Acres

Registration Type	Issued		Active on 12/31/2021	Year to Year Change (Percent)
	2020	2021		
Producer Registration	24,302.70	4,187.12	21,825.96	-10.19%
Agricultural Hemp Propagule & Seed Permit	4,284.75	318.59	2,672.87	-37.62%
Total all types	28,587.45	4,505.71	24,498.83	-14.30%



Table 5 – Acre Summary

	2020		2021		Year over Year Change		
	Acres	% of Planted Acres	Acres	% of Planted Acres	Acres	Percent change of Total Acres	Difference based on Percent of planted acres
Amount Planted	811.00		1514.65		703.65	86.76%	
OUTCOMES							
Tested; Compliant	557.32	68.70%	1103.17	72.70%	545.85	97.94%	4.00%
Tested; Non-Compliant	71.52	8.76%	2.75	0.18%	(68.77)	-96.15%	-8.58%
Compliance Testing ($\leq 0.3\%$)	628.84	88.63%	1,105.92	99.75%	477.08	75.87%	11.12%
Non-Harvest	179.42	22.21%	413.26	27.28%	233.84	130.33%	5.07%
Carryover	3.44	0.33%	2.09	0.14%	(1.35)	-39.33%	-0.19%
INTENDED USE							
Fiber	302.17	37.12%	698.02	46.08%	395.85	131.00%	8.96%
Floral (CBD)	375.16	46.08%	729.23	48.01%	354.07	94.38%	1.93%
Floral (CBG/Other)	73.55	9.04%	5.43	0.36%	(68.12)	-92.62%	-8.68%
Grain	5.00	0.61%	0.00	0.00%	(5.00)	-100.00%	-0.61%
Seed	56.91	6.99%	67.35	4.45%	10.44	18.35%	-2.54%
Propagules	1.26	0.16%	0.24	0.02%	(1.02)	-81.17%	-0.14%