

2022 Hemp Questionnaire Changes

The changes below were made to the questionnaire in order to improve data quality and reduce respondent burden on future iterations of the survey.

These changes are primarily based on a series of debriefing interviews that were conducted with respondents in the summer of 2022. Respondents were contacted in order to understand how they interpreted various questions throughout the questionnaire. These interviews focused on areas of the questionnaire that were understudied during the questionnaire development process before the previous iteration of the survey, due to an inability to identify respondents who had certain criteria. In addition, some changes are based on experiences with questions that high edit rates during data collection last year, indicating issues with the question.

Below, we provide a description, a comparison of the item or issue in 2021 and 2022 (where applicable), the location of the items, and a rationale for the change.

Minor changes in wording were not included. Examples of minor changes between the 2021 questionnaire (Appendix A) and the draft 2022 questionnaire (Appendix B) include selective bolding for emphasis, moving the reference year to the beginning of questions, bulleting of instructions, and re-wording instructions for clarity.

Change: The title of the survey has been changed.
2021: Hemp Acreage and Production Survey
2022: Hemp Production and Disposition Inquiry
Location: Page 1, top.
Rationale for change: When the name of the inaugural survey was decided upon, prices were not part of the scope, and therefore, the “acreage and production” label was most appropriate. However, later in the development of the survey and going forward, prices have been included as one of the topics covered by the survey. Therefore, the “production and disposition inquiry” label which is used for similar surveys throughout NASS that cover both prices and production is more apt.

Change: Survey reference and mailout date.
2021: November 1 of the year inclusive of the survey (e.g., November 1, 2021 for the 2021 survey)
2022: February 1 of the year following the survey year (e.g., February 1, 2023 for the 2022 survey)
Location: Page 1, top.
Rationale for change: The survey attempts to collect data on an annual, calendar-year basis. Looking at missing answers indicates that a large number of respondents were unable to report the amount of hemp harvested, likely due to the fact that some respondents were not done with their harvest. Similarly, some respondents were unwilling or unable to provide an estimate for the price of hemp that they expect to sell within the next year. Moving the collection date to February of the following year will allow respondents to have completed their harvests in the calendar year of the collection, and will also allow 3 extra months (compared to the previous collection date) for sales. Therefore, changing the survey date should allow respondents to provide more accurate production and price data and reduce the need to provide information that they do not know for certain at the time of the survey (e.g., production for hemp they have not finished harvesting or prices for hemp that they have not yet sold).

Change: Added “other than home use?” to the question
2021: During any time in 2022, did this operation plant any hemp for any purpose?
2022: During any time in 2022, did this operation plant any hemp for any purpose, other than home use?
Location: Question 1, Page 1
Rationale for change: Although we did not encounter major issues with this question during data collection or during debriefing interviews, we added this clause to ensure that respondents do not report hemp that they planted for their own personal use.

Change:

Unit of measurement for acreage question now asks for acreage at the tenth of an acre level.

2021:

Respondents who had less than an acre were asked to provide their acreage at the nearest quarter-acre. Respondents with one acre or more were asked to provide their acreage at the whole acre.

2022:

All respondents asked to report their acreage to the tenth of an acre.

Location: Questions 2-3, Page 3; Question 1, Pages 4-8.

Rationale for change:

The 2021 format was a compromise developed in order to collect more detailed information from small growers who grew under an acre, while not collecting at the tenth of an acre for respondents for larger growers. This question that was developed in order to satisfy both ends of this compromise required the respondent to first state whether they grew one or more acres vs. less than an acre, and then answer their specific acreage in the unit requested. In reviewing the data needs before the 2022 survey, all parties agreed that it would be acceptable to collect information from all respondents to the nearest tenth of an acre. This will eliminate the screening activity for respondents, reducing cognitive burden.

Change:

Formatting and numbering change to processing step questions for hemp flower questions (in both the open fields and under protection sections)

2021:

“Question 2” was phrased as “Please answer the following questions about processing you did for your 2021 hemp flower crop harvested from [open fields/under protection].” Sub-questions about the specific processing steps were then labeled a, b, c, and d.

2022:

The introductory phrase has been removed, and each of the processing steps is asked as a separately numbered question without letters.

Location:

2021 – Pages 4 and 10, Questions 2a-d.

2022 – Pages 4 and 10, Questions 2-5.

Rationale for change:

Debriefing interviews revealed that this introductory clause did not add anything to respondents’ comprehension of the question.

Change:

Verbiage to question about how the operator acquired their seeds or plants that they used to grow hemp was changed to more appropriately address the issue of ownership of the seeds/plants.

2021: Which of these statements best describes how you acquired the seeds, plants, transplants, or clones that you used to grow hemp flower in open fields in 2021?

- ₁ I bought my own hemp seeds, plants, transplants, or clones.
- ₂ My buyer or buyers provided me with the seeds, plants, transplants, or clones.
- ₃ Other, specify (119)

2022: How did you acquire the hemp seeds or plants that you used to grow hemp flower in open fields in 2022?

- ₁ I bred, cloned, or bought my own hemp seeds or plants (i.e., I owned them).
- ₂ I was provided the hemp seeds or plants to grow for another person or organization, who owned them. Sometimes called a "production contract."
- ₃ Other, specify (119)

Location:

2021 – Pages 4-7 and 10-12, Question 3; Pages 8 and 13, Question 2.

2022 – Pages 4 and 10, Question 6; Pages 5-7 and 11-12, Question 3; Pages 8 and 13, Question 2

Rationale for change:

Debriefing interviews with respondents conducted after data collection showed that some respondents who bred their own hemp seeds or plants did not select the first answer choice, as intended when we crafted the question. This question is intended to identify whether the respondent owns the plants that they grow, or they grew them on behalf of another party that owned them. The answer choices have been modified so that the first answer choice consists of various ways that someone could own the plant, beyond just purchasing it. We have also added language to the answer choices about who owns the plants. Lastly, we simplified the text of the question, as listing “seeds, plants, transplants, or clones” is not necessary for respondents to understand the intent of the question.

Change: Hemp grain question about whether a combine was used to harvest the grain has been removed.
2021: Did you, or will you, use a combine or other machine to remove your hemp grain from the plant, prior to sale?
2022: N/A
Location: Page 5, Question 2b (2021 only)
Rationale for change: The combine question was not used in analysis nor publication, making it unnecessary to ask. Removal of the question will reduce burden on respondents.

Change: Wording to question about retting hemp was modified to remove the word “traditional” and to include a brief definition of the concept of retting.
2021: Did you, or will you, use a traditional retting process on your fiber prior to sale?
2022: For your 2022 hemp fiber crop, did you use a retting process prior to sale? Retting is the process of softening the hemp stalk to create fiber material, most commonly by leaving it in a field (“field retting” or “dew retting”) or submerging in water (“water retting”).
Location: Page 6, Question 2.
Rationale for change: In debriefing interviews with respondents who grew hemp fiber, not all respondents were familiar with the term of retting. Therefore, we decided that it would be best to provide a brief definition to allow respondents who were not familiar with the term to answer more accurately.

Change: Hemp fiber question about whether fiber was kept in storage was removed.
2021: Did you, or will you, store your hemp fiber under cover prior to sale?
2022: N/A
Location: Page 6, Question 2b (2021 only).
Rationale for change: The fiber storage question was not used in analysis nor publication, making it unnecessary to ask. Removal of the question will reduce burden on respondents.

Change: Question about whether reported weight is dry weight or not has been added to provide better context to the amount of hemp harvested
2021: N/A
2022: After the question asking for the total amount of hemp harvested in the year, we ask, “Is the amount reported in Question 5 the dry weight?” The response options are yes and no.
Location: Pages 4 and 10, Question 7a; Pages 5-7 and 11-12, Question 4a; Pages 8 and 13, Question 3a (2022 only)
Rationale for change: While we asked for hemp flower and grain whether they dried their hemp, we could not be certain whether the weight that was reported subsequently lined up was indicative of whether they dried their hemp. For example, a respondent could conceivably have not dried their hemp, but reported an estimated dry weight with the knowledge/assumption that hemp is typically dried and we would want the wet weight. Conversely, a respondent could have dried their hemp but only weighed it before they dried it, leaving wet weight the only weight that they could provide with certainty. By explicitly asking respondents whether the reported weight is dry or not, we will know for certain whether they are reporting dry or wet weight. This information is important as hemp flower is estimated to lose 70% of its weight during the drying process (across many cognitive interviews and debriefing interviews, this 70% figure was consistently mentioned). Therefore, a respondent who reported wet weight rather than dry weight frequently appeared as an outlier during the data collection process and required editing/correction. By asking this question, we will be able to convert reported wet weight into a dry weight, leading to consistency for production yield statistics (e.g., a respondent who reports 100 lbs but says that it is not the dry weight can be converted to 30 lbs dry weight).

<p>Change: Clarifications added on what to include for hemp grown under protection</p>
<p>2021: N/A</p>
<p>2022: <i>On Page 9, Question 1 (Hemp Grown Under Protection)</i> DO NOT INCLUDE any clones, transplants, seeds, or seedlings grown under protection that you then moved outdoors to continue growing until harvest; this should be reported on Page 3.</p> <p><i>On Page 9, Question 4, second response option (Hemp Clones or Transplants)</i> DO NOT INCLUDE: clones or transplants that YOU then planted and harvested for other purposes; that hemp should be reported under the category that the hemp was ultimately harvested for.</p> <p><i>On Page 12 (Hemp Seed Grown Under Protection)</i> DO NOT INCLUDE: Seed that YOU then planted and harvested for other purposes; report only under the category that the hemp was ultimately harvested for.</p>
<p>Location: Page 9, Question 1 and Question 4 (2022 only)</p>
<p>Rationale for change: Debriefing interviews revealed that some respondents who grew their own hemp plants under protection initially and moved them elsewhere on their own operation to be harvested for another purpose (e.g., outside or elsewhere under protection for flower, or outside for hemp grain or fiber) may have reported the initial clones/transplants in the clones/transplant section. Language was added to the initial questions asking about whether the respondent grew hemp under protection, explaining that these plants should not be considered for the purposes of this question. Likewise, language was added to the clones/transplants section saying that these plants should not be included.</p>

Appendix A: 2021 Hemp Acreage and Production Survey

Appendix B: Proposed Draft of 2022 Hemp Production and Disposition Inquiry

HEMP ACREAGE AND PRODUCTION SURVEY - November 1, 2021

OMB No.0535-0270
 Approval Expires: 8/31/2024
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 Version 1



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Please make corrections to name, address, and ZIP Code, if necessary.

The information you provide will be used for statistical purposes only. Your response will be kept confidential and any person who willfully discloses ANY identifiable information about you or your operation is subject to a jail term, a fine, or both. This survey is conducted in accordance with the Confidential Information Protection and Statistical Efficiency Act of 2018, Title III of Pub. L. No. 115-435, codified in 44 U.S.C. Ch. 35 and other applicable Federal laws. For more information on how we protect your information please visit: <https://www.nass.usda.gov/confidentiality>. Response is voluntary.

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number is 0535-0270. The time required to complete this information collection is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

	FIPS	POID	Tract	Subtr.
Office Use Only	_____	_____	_____	_____

- Please verify the name and mailing address of this operation.
 Make corrections (including the correct operation name) on the label and continue.
- During any time in 2021, did this operation grow hemp for any purpose?
 - 100 ₁ Yes - Continue
 - ₃ No - Skip to page 16

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Section 1 - Hemp Harvested from Open Fields

1. In 2021, did you or will you plant or seed hemp outdoors in open fields?

101 Yes - Continue

No - Skip to page 9 for hemp planted or seeded in greenhouses, nurseries, hoop houses, tunnels, indoors with climate and/light control, or other protection.

2. In 2021, on how many acres did you **plant** hemp in open fields? INCLUDE seeds, plants, transplants, or clones. INCLUDE acres that were not harvested (including destroyed or abandoned).

One or more acres:

of Acres

102

Note: Report to the nearest whole acre.

Less than an acre:

Which of the following is closest to your acreage?

103 About one acre

$\frac{3}{4}$ acre

$\frac{1}{2}$ acre

$\frac{1}{4}$ acre

3. In 2021, how many acres of hemp were **harvested** from open fields?

One or more acres:

of Acres

104

Note: Report to the nearest whole acre.

Less than an acre:

Which of the following is closest to your acreage?

105 About one acre

$\frac{3}{4}$ acre

$\frac{1}{2}$ acre

$\frac{1}{4}$ acre

4. Which of the following hemp products and/or uses did you harvest from open fields? **Mark all that apply.**

After answering this question, please complete the pages listed for the applicable hemp crop. Each section should take between 2-5 minutes to complete.

- INCLUDE primary and secondary uses of your crop (for example, if you harvested for flower and sold the hemp stalks for fiber, choose "hemp flower" and "hemp fiber" below).
- Do NOT INCLUDE anything grown in a greenhouse, a nursery, indoors with climate control, a hoop house, or tunnel; those products are reported starting on Page 9.

106 Hemp flower for human consumption, such as: Page 4

- Smokable hemp
- The extraction of cannabinoids (such as CBD, CBG, CBN, etc.) or terpenes, often used in oils, lotions, cleansers, bath products, and other nutraceutical or topical products

107 Hemp grain for human consumption, such as: Page 5

- Crushed seed oil (not CBD oil), hemp hearts, protein supplements, or for other human consumption

108 Hemp fiber, used for: Page 6

- Clothes, pressed plastics, ropes, animal bedding paper, bio fuel

109 Hemp seed to sell to others: Page 7

Note: If seed harvested from greenhouses, nurseries, or other protection, report it on Page 12.

110 Other hemp, specify (111) _____ Page 8

Section 1 - Hemp Harvested from Open Fields (continued)

• Hemp Flower for Human Consumption

1. In 2021, how many acres of hemp flower did you harvest from open fields?

Note: If zero, go to the next applicable use of hemp that you harvested.

- One or more acres:

of Acres

112

Note: Report to the nearest whole acre.

- Less than an acre:

Which of the following is closest to your acreage?

113 ₁ About one acre

₂ $\frac{3}{4}$ acre

₃ $\frac{1}{2}$ acre

₄ $\frac{1}{4}$ acre

2. Please answer the following questions about processing you did for your 2021 hemp flower crop harvested from open fields.

- Answer "yes" to these items if you did any of these yourself, or if you paid someone to do so on your behalf.

a. Did you, or will you, dry your hemp flower crop prior to sale? This includes drying in the field, hang drying, machine drying, or any other type of drying to remove moisture from the plant. 114 ₁ Yes ₃ No

b. Did you, or will you, use a machine to remove your hemp flower from the stem prior to sale? This may be called "bucking," "de-budding," or "de-stemming." 115 ₁ Yes ₃ No

c. Did you, or will you, hand trim your hemp flower prior to sale? 116 ₁ Yes ₃ No

d. Did you, or will you, extract the cannabinoids and/or terpenes from your hemp prior to sale? 117 ₁ Yes ₃ No

3. Which of these statements best describes how you acquired the seeds, plants, transplants, or clones that you used to grow hemp flower in open fields in 2021?

118 ₁ I bought my own hemp seeds, plants, transplants, or clones.

₂ My buyer or buyers provided me with the seeds, plants, transplants, or clones.

₃ Other, specify (119) _____

4. How many TOTAL pounds of hemp flower did you or will you harvest from open fields in 2021?

120

Pounds

5. Of the total pounds of hemp flower harvested (reported in Question 4 above) from open fields in 2021:

(Note: The total pounds reported below should add to the total reported in Question 4.)

	Pounds	Average Price per Pound (Dollars and cents)	OR	Total Dollars
a. How many pounds have you sold as of today, and what is the price you received?	121	122 \$. ____		123 \$
b. How many pounds do you expect to sell within the next year, and what is the price you reasonably expect to receive?	124	125 \$. ____		126 \$
c. How many pounds have you harvested that you expect will remain unsold for the next year or longer?	127			

Section 1 - Hemp Harvested from Open Fields (continued)

• Hemp Grain for Human Consumption

1. In 2021, how many acres of hemp grain for human consumption did you harvest from open fields?

Note: If zero, go to the next applicable use of hemp that you harvested.

One or more acres:

of Acres

128

Note: Report to the nearest whole acre.

Less than an acre:

Which of the following is closest to your acreage?

129 ₁ About one acre

₂ 3/4 acre

₃ 1/2 acre

₄ 1/4 acre

2. Please answer the following questions about processing you did for your 2021 hemp grain crop harvested from open fields.

• Answer "yes" to these items if you did any of these yourself, or if you paid someone to do so on your behalf.

a. Did you, or will you, dry your hemp grain crop prior to sale? This includes drying in the field, hang drying, machine drying, or any other type of drying to remove moisture from the plant. 130 ₁ Yes ₃ No

b. Did you, or will you, use a combine or other machine to remove your hemp grain from the plant, prior to sale? 131 ₁ Yes ₃ No

3. Which of these statements best describes how you acquired the seeds, plants, transplants, or clones that you used to grow hemp grain in open fields in 2021?

132 ₁ I bought my own hemp seeds, seedlings, plants, transplants, or clones.

₂ My buyer or buyers provided me with the seeds, plants, transplants, or clones.

₃ Other, specify (133) _____

4. How many TOTAL pounds of hemp grain did you or will you harvest from open fields in 2021?

134

Pounds

5. Of the total pounds of hemp grain harvested (reported in Question 4 above) from open fields in 2021:

(Note: The total pounds reported below should add to the total reported in Question 4.)

	Pounds	Average Price per Pound (Dollars and cents)	OR	Total Dollars
a. How many pounds have you sold as of today, and what is the price you received?	135	136 \$. ____		137 \$
b. How many pounds do you expect to sell within the next year, and what is the price you reasonably expect to receive?	138	139 \$. ____		140 \$
c. How many pounds have you harvested that you expect will remain unsold for the next year or longer?	141			

Section 1 - Hemp Harvested from Open Fields (continued)

Hemp Fiber

1. In 2021, how many acres of hemp fiber did you harvest from open fields?

Note: If zero, go to the next applicable use of hemp that you harvested.

One or more acres:

of Acres

142

Note: Report to the nearest whole acre.

Less than an acre:

Which of the following is closest to your acreage?

- 143 ₁ About one acre
₂ $\frac{3}{4}$ acre
₃ $\frac{1}{2}$ acre
₄ $\frac{1}{4}$ acre

2. Please answer the following questions about processing you did for your 2021 hemp fiber crop harvested from open fields.

• Answer "yes" to these items if you did any of these yourself, or if you paid someone to do so on your behalf.

a. Did you, or will you, use a traditional retting process on your fiber prior to sale? 144 ₁ Yes ₃ No

b. Did you, or will you, store your hemp fiber under cover prior to sale? 145 ₁ Yes ₃ No

3. Which of these statements best describes how you acquired the seeds, plants, transplants, or clones that you used to grow hemp fiber in open fields in 2021?

146 ₁ I bought my own hemp seeds, plants, transplants, or clones.

₂ My buyer or buyers provided me with the seeds, plants, transplants, or clones.

₃ Other, specify (147) _____

4. How many TOTAL pounds of hemp fiber did you or will you harvest from open fields in 2021?

148

Pounds

5. Of the total pounds of hemp fiber harvested (reported in Question 4 above) from open fields in 2021:

(Note: The total pounds reported below should add to the total reported in Question 4.)

	Pounds	Average Price per Pound (Dollars and cents)	OR	Total Dollars
a. How many pounds have you sold as of today, and what is the price you received?	149	150 \$.__ __		151 \$
b. How many pounds do you expect to sell within the next year, and what is the price you reasonably expect to receive?	152	153 \$.__ __		154 \$
c. How many pounds have you harvested that you expect will remain unsold for the next year or longer?	155			

Section 1 - Hemp Harvested from Open Fields (continued)

Hemp Seed to Sell to Others

1. In 2021, how many acres of hemp seed to sell to others did you harvest from open fields?
 Note: If zero, go to the next applicable use of hemp that you harvested.

One or more acres:

of Acres

156

Note: Report to the nearest whole acre.

Less than an acre:

Which of the following is closest to your acreage?

- 157 ₁ About one acre
₂ 3/4 acre
₃ 1/2 acre
₄ 1/4 acre

2. Did you, or will you, use a seed feminization process prior to sale?

- 158 ₁ Yes
₃ No

3. Which of these statements best describes how you acquired the seeds, plants, transplants, or clones that you used to grow hemp seed in open fields in 2021?

- 159 ₁ I bought my own hemp seeds, seedlings, plants, transplants, or clones.
₂ My buyer or buyers provided me with the seeds, plants, transplants, or clones.
₃ Other, specify (160) _____

4. How many TOTAL pounds of hemp seed did you or will you harvest from open fields in 2021?

161	Pounds
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5. Of the total pounds of hemp seed harvested (reported in Question 4 above) from open fields in 2021:

(Note: The total pounds reported below should add to the total reported in Question 4.)

	Pounds	Average Price per Pound (Dollars and cents)	OR	Total Dollars
a. How many pounds have you sold as of today, and what is the price you received?	162	163 \$. ____		164 \$
b. How many pounds do you expect to sell within the next year, and what is the price you reasonably expect to receive?	165	166 \$. ____		167 \$
c. How many pounds have you harvested that you expect will remain unsold for the next year or longer?	168			

Section 1 - Hemp Harvested from Open Fields (continued)

• Hemp for Other Uses

1. In 2021, how many acres of hemp for other uses did you harvest from open fields?
 Note: If zero, go to the next applicable use of hemp that you harvested.

One or more acres:

of Acres

169

Note: Report to the nearest whole acre.

Less than an acre:

Which of the following is closest to your acreage?

- 170 ₁ About one acre
₂ ¾ acre
₃ ½ acre
₄ ¼ acre

2. Which of these statements best describes how you acquired the seeds, plants, transplants, or clones that you used to grow hemp for other uses in open fields in 2021?

- 171 ₁ I bought my own hemp seeds, plants, transplants, or clones.
₂ My buyer or buyers provided me with the seeds, plants, transplants, or clones.
₃ Other, specify (172) _____

3. How many TOTAL pounds of hemp for other uses did you or will you harvest from open fields in 2021?

238	Pounds
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4. Of the total pounds of hemp for other uses harvested (reported in Question 3 above) from open fields in 2021:

(Note: The total pounds reported below should add to the total reported in Question 3.)

	Pounds	Average Price per Pound (Dollars and cents)	OR	Total Dollars
a. How many pounds have you sold as of today, and what is the price you received?	173	174 \$. ____		175 \$
b. How many pounds do you expect to sell within the next year, and what is the price you reasonably expect to receive?	176	177 \$. ____		178 \$
c. How many pounds have you harvested that you expect will remain unsold for the next year or longer?	179			

Section 2 - Hemp Under Protection

1. In 2021, did you or will you plant or seed hemp in a greenhouse, hoop house, low or high tunnel, indoors with climate and/or light control, or under any other protection?

In the rest of this section, we refer to this as “**under protection.**”

180 ₁ Yes - Continue

₃ No - Skip to page 15

2. In 2021, how many square feet were **seeded or planted** under protection, including square feet that were abandoned?

181 square feet

3. In 2021, how many square feet were **harvested** from under protection?

182 square feet

4. Which of the following hemp products and/or uses did you grow under protection? **Mark all that apply.**

After answering this question, please complete the pages listed for the applicable hemp crop. Each section should take between 2-5 minutes to complete.

- INCLUDE primary and secondary uses of your crop.
- Do NOT INCLUDE anything grown in outdoors in open fields; those products are reported on Page 3.

183 ₁ Hemp flower for human consumption, such as: Page 10

- Smokable hemp
- The extraction of cannabinoids (such as CBD, CBG, CBN, etc.) or terpenes, often used in oils, lotions, cleansers, bath products, and other nutraceutical or topical products

184 ₁ Hemp clones or transplants grown and sold to other growers (e.g., “propagation stock”) Page 11

185 ₁ Hemp seed to sell to other growers Page 12
Note: If you only harvested seed from open fields, report it on Page 6

186 ₁ Other hemp, specify (187) _____ Page 13

Section 2 - Hemp Under Protection (continued)

• **Hemp Flower Harvested**

1. In 2021, how many square feet of hemp flower did you harvest from under protection?
 Note: If zero, go to the next applicable use of hemp that you harvested.

188	square feet
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2. Please answer the following questions about processing you did for your 2021 hemp flower crop harvested from under protection.

- Answer “yes” to these items if you did any of these yourself, or if you paid someone to do so on your behalf.

- | | | |
|---|-----|--|
| a. Did you, or will you, dry your hemp flower crop prior to sale? This includes hang drying, machine drying, or any other type of drying to remove moisture from the plant. | 189 | <input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₃ No |
| b. Did you, or will you, use a machine to remove your hemp flower from the stem prior to sale? This may be called “bucking,” “de-budding,” or “de-stemming.” | 190 | <input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₃ No |
| c. Did you, or will you, hand trim your hemp flower prior to sale? | 191 | <input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₃ No |
| d. Did you, or will you, extract the cannabinoids and/or terpenes from your hemp prior to sale? | 192 | <input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₃ No |

3. Which of these statements best describes how you acquired the seeds, plants, transplants, or clones that you used to grow hemp flower under protection in 2021.

- 193 ₁ I bought my own hemp seeds, seedlings, plants, transplants, or clones.
₂ My buyer or buyers provided me with the seeds, plants, transplants, or clones.
₃ Other, specify (194) _____

4. How many TOTAL pounds of hemp flower did you or will you harvest from under protection in 2021:?

195	Pounds
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5. Of the total pounds of hemp flower harvested (reported in Question 4 above) from under protection in 2021:

(Note: The total pounds reported below should add to the total reported in Question 4.)

	Pounds	Average Price per Pound (Dollars and cents)	OR	Total Dollars
a. How many pounds have you sold as of today, and what is the price you received?	196	197 \$. ____		198 \$
b. How many pounds do you expect to sell within the next year, and what is the price you reasonably expect to receive?	199	200 \$. ____		201 \$
c. How many pounds have you harvested that you expect will remain unsold for the next year or longer?	202			

Section 2 - Hemp Under Protection (continued)

• Hemp Clones or Transplants Grown

1. In 2021, how many square feet of hemp clones or transplants (e.g., “propagation stock”) did you grow under protection? Note: If zero, go to the next applicable use of hemp.

203	square feet
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2. Did you produce clones, transplants, or both?

- 204 ₁ Clones
₂ Transplants
₃ Both

3. Which of these statements best describes how you acquired the seeds, plants, transplants, or clones that you used to grow hemp clones and transplants under protection in 2021?

- 205 ₁ I bought my own hemp seeds, seedlings, plants, transplants, or clones.
₂ My buyer or buyers provided me with the seeds, plants, transplants, or clones.
₃ Other, specify (206) _____

4. How many TOTAL hemp clones and/or transplants did you or will you grow under protection in 2021?

207	Plants
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5. Of the total hemp clones and transplants grown (reported in Question 4 above) under protection in 2021:

(Note: The total plants reported below should add to the total reported in Question 4.)

	Plants	Average Price per Plant (Dollars and cents)	OR	Total Dollars
a. How many plants have you sold as of today, and what is the price you received?	208	209 \$. ____		210 \$
b. How many plants do you expect to sell within the next year, and what is the price you reasonably expect to receive?	211	212 \$. ____		213 \$
c. How many plants have you grown that you expect will remain unsold for the next year or longer?	214			

Section 2 - Hemp Under Protection (continued)

• **Hemp Seed to Sell to Others Harvested**

1. In 2021, how many square feet of hemp seed to sell to others did you harvest under protection?
 Note: If zero, go to the next applicable use of hemp that you harvested

215	square feet
-----	-------------

2. Did you, or will you, use a seed feminization process prior to sale?

216 ₁ Yes

₃ No

3. Which of these statements best describes how you acquired the seeds, plants, transplants, or clones that you used to grow hemp seed under protection in 2021?

217 ₁ I bought my own hemp seeds, seedlings, plants, transplants, or clones.

₂ My buyer or buyers provided me with the seeds, plants, transplants, or clones.

₃ Other, specify (218) _____

4. How many TOTAL pounds of hemp seed did you or will you harvest under protection in 2021?

219	Pounds
-----	--------

5. Of the total hemp seed harvested (reported in Question 4 above) under protection in 2021:

(Note: The total pounds reported below should add to the total reported in Question 4.)

	Pounds	Average Price per Pound (Dollars and cents)	OR	Total Dollars
a. How many pounds have you sold as of today, and what is the price you received?	220	221 \$. ____		222 \$
b. How many pounds do you expect to sell within the next year, and what is the price you reasonably expect to receive?	223	224 \$. ____		225 \$
c. How many pounds have you harvested that you expect will remain unsold for the next year or longer?	226			

Section 2 - Hemp Under Protection (continued)

• **Other Hemp Harvested**

1. In 2021, how many square feet of hemp for other uses did you harvest under protection?
 Note: If zero, go to the next applicable use of hemp that you harvested.

227	square feet
-----	-------------

2. Which of these statements best describes how you acquired the seeds, plants, transplants, or clones that you used to grow hemp for other uses under protection in 2021?

- 228 ₁ I bought my own hemp for other uses seeds, seedlings, plants, transplants, or clones.
₂ My buyer or buyers provided me with the seeds, plants, transplants, or clones.
₃ Other, specify (229) _____

3. How many TOTAL pounds of hemp for other uses did you or will you harvest under protection in 2021?

230	Pounds
-----	--------

4. Of the total hemp for other uses harvested (reported in Question 3 above) under protection in 2021:

(Note: The total pounds reported below should add to the total reported in Question 3.)

	Pounds	Average Price per Pound (Dollars and cents)	OR	Total Dollars
a. How many pounds have you sold as of today, and what is the price you received?	231	232 \$. ____		233 \$
b. How many pounds do you expect to sell within the next year, and what is the price you reasonably expect to receive?	234	235 \$. ____		236 \$
c. How many pounds have you harvested that you expect will remain unsold for the next year or longer?	237			

Skip to next page

Or

Space for Notes and Comments

Section 3 – Operator Characteristics

Please answer the following for the person who makes decisions for this operation:

1. Sex:

926 ₁ Male

₂ Female

2. Year of Birth:

927 _____

3. Is the operator of Hispanic, Latino, or Spanish origin?

1219 ₁ Yes

₃ No

4. Race, select all that apply:

913 White

914 Black or African American

915 American Indian or Alaska Native, specify tribe _____

916 Asian

917 Native Hawaiian or Other Pacific Islander

5. In what year did the operator begin to operate any farm or ranch operation?

907 _____

6. At which occupation did the operator spend the majority (50 percent or more) of his/her time in 2021?

974 ₁ Farm or ranch work

₂ Work other than farming or ranching

7. Is the operator retired from farming or ranching?

921 ₁ Yes

₃ No

Section 4 - Conclusion

To receive the complete results of this survey on the release date, go to: nass.usda.gov/results

To have a brief summary emailed to you, please enter your email address:
1095

Comments:

Operation Email: (if different from above)	Operation Phone:	
9937	9936 () - _____	check if cell phone <input type="checkbox"/>

Respondent Name:	Respondent Phone (if different from above)										
9912	9911 () - _____										
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; padding: 2px;">check if cell phone</td> <td style="width: 15%; padding: 2px;">9910</td> <td style="width: 15%; padding: 2px;">MM</td> <td style="width: 15%; padding: 2px;">DD</td> <td style="width: 15%; padding: 2px;">YY</td> </tr> <tr> <td style="text-align: center; padding: 2px;"><input type="checkbox"/></td> <td colspan="4" style="padding: 2px;">Date: _ _ _ _ _ _ _ _</td> </tr> </table>	check if cell phone	9910	MM	DD	YY	<input type="checkbox"/>	Date: _ _ _ _ _ _ _ _			
check if cell phone	9910	MM	DD	YY							
<input type="checkbox"/>	Date: _ _ _ _ _ _ _ _										

This completes the survey. Thank you for your help.

OFFICE USE ONLY										
Response		Respondent		Mode		Enum.	Eval.	Change	Office Use for POID	
1-Comp	9901	1-Op/Mgr	9902	1-PASI (Mail)	9903	9998	9900	9985	9989 _ _ _ _ - _ _ _ _ - _ _ _ _	
2-R		2-Spouse		2-PATI (Tel)						
3-Inac		3-Acct/Bkpr		3-PAPI (Face-to-Face)						
4-Office Hold		4-Partner		6-Email					Optional Use	
5-R – Est		9-Other		7-Fax					9907	9908
6-Inac – Est				19-Other					9906	9916
7-Off Hold – Est										
S/E Name										

HEMP PRODUCTION AND DISPOSITION INQUIRY - February 1, 2023

OMB No.0535-0270
 Approval Expires: 8/31/2024
 Project Code: 947
 Survey ID: 9031
 Version 1



USDA/NASS
 National Operations Division
 9700 Page Avenue, Suite 400
 St. Louis, MO 63132-1547
 Phone: 1-888-424-7828
 Fax: 1-855-415-3687
 Email: nass@usda.gov

Please make corrections to name, address, and ZIP Code, if necessary.

The information you provide will be used for statistical purposes only. Your response will be kept confidential and any person who willfully discloses ANY identifiable information about you or your operation is subject to a jail term, a fine, or both. This survey is conducted in accordance with the Confidential Information Protection and Statistical Efficiency Act of 2018, Title III of Pub. L. No. 115-435, codified in 44 U.S.C. Ch. 35 and other applicable Federal laws. For more information on how we protect your information please visit: <https://www.nass.usda.gov/confidentiality>. Response is voluntary.

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number is 0535-0270. The time required to complete this information collection is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

	FIPS	POID	Tract	Subtr.
Office Use Only	_____	_____	_____	_____

- Please verify the name and mailing address of this operation.
 Make corrections (including the correct operation name) on the label and continue.
- During any time in 2022, did this operation plant any hemp for any purpose, other than home use?
 100 ₁ Yes - Continue
₃ No - Skip to page 16

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Section 1 - Hemp Harvested from Open Fields

1. In 2022, did you plant or seed hemp **OUTDOORS IN OPEN FIELDS**?

101 Yes - Continue

No - Skip to Page 9 for hemp planted or seeded in greenhouses, nurseries, hoop houses, tunnels, indoors with climate and/or light control, or other protection

2. In 2022, on how many acres did you **plant** hemp in open fields?

- INCLUDE seeds, plants, transplants, or clones.
- INCLUDE acres that were not harvested (including destroyed or abandoned).

102

. —

Acres (report to the nearest tenth of an acre)

3. In 2022, how many acres of hemp were **harvested** from open fields?

104

. —

Acres (report to the nearest tenth of an acre)

4. Which of the following hemp products and/or uses did you harvest from **OPEN FIELDS**? Mark all that apply.

After answering this question, please complete the pages listed for the applicable hemp crop. Each section should take between 2-5 minutes to complete.

106 Hemp flower for human consumption, such as:

Page 4

- Smokable hemp
- Hemp harvested for CBD, CBG, CBN, and other cannabinoids and/or terpenes extracted and used in products such as oils, lotions, cleansers, bath products, and other nutraceutical or topical products

DO NOT INCLUDE:

- Hemp seed oil products made from hemp grain instead of hemp flower; check the box below for hemp grain and report those products on Page 5.
- Hemp flower harvested from **under protection**; report that on Page 9.

107 Hemp grain for human consumption, such as:

Page 5

- Crushed seed oil (not CBD oil)
- Hemp hearts
- Protein supplements
- Other products for human consumption made from hemp grain or seed

DO NOT INCLUDE hemp oil products with significant cannabinoid content made from hemp flower; check the box for hemp flower and report those products on Page 4.

108 Hemp fiber, used for:

Page 6

- | | |
|--------------------|------------------|
| • Clothes | • Animal bedding |
| • Pressed plastics | • Paper |
| • Rope | • Biofuel |

109 Hemp seed to sell to others

Page 7

DO NOT INCLUDE seed harvested from greenhouses, nurseries, or other protection; report that on Page 9.

110 Other hemp, specify (111) _____

Page 8

Section 1 - Hemp Harvested from Open Fields (continued)

• Hemp Flower for Human Consumption

1. In 2022, how many acres of hemp flower did you harvest from open fields?

112 .

Acres (report to the nearest tenth of an acre)

Note: If zero, go to the next applicable use of hemp that you harvested.

Note for Questions 2-5: Answer "yes" if you did so yourself, or if someone did so on your behalf.

2. For your 2022 hemp flower crop, did you dry your hemp flower prior to sale? This includes drying in the field, hang drying, machine drying, or any other type of drying to remove moisture from the plant. 114 ₁ Yes ₃ No
3. For your 2022 hemp flower crop, did you use a machine to remove your hemp flower from the stem prior to sale? This may be called "bucking," "de-budding," or "de-stemming." 115 ₁ Yes ₃ No
4. For your 2022 hemp flower crop, did you, or will you, hand trim your hemp flower prior to sale? 116 ₁ Yes ₃ No
5. For your 2022 hemp flower crop, did you, or will you, extract the cannabinoids and/or terpenes from your hemp flower prior to sale? 117 ₁ Yes ₃ No
6. How did you acquire the hemp seeds or plants that you used to grow hemp flower in open fields in 2022?
- 118 ₁ I bred, cloned, or bought my own hemp seeds or plants (i.e., I owned them).
₂ I was provided the hemp seeds or plants to grow for another person or organization, who owned them. Sometimes called a "production contract."
₃ Other, specify (119) _____

7. In 2022, how many TOTAL pounds of hemp flower did you harvest from open fields?

120

Pounds

- 7a. Is the amount reported in Question 8 the dry weight? xxx ₁ Yes ₃ No

	Pounds (dry weight)	Average Price per Pound (Dollars and cents)	OR	Total Dollars
8a. Of the hemp flower harvested in 2022, how many pounds have you sold as of today, and what is the price you received?	121	122 \$.__ __		123 \$
8b. Of the hemp flower harvested in 2022, how many pounds do you expect to sell within the next year, and what is the price you reasonably expect to receive?	124	125 \$.__ __		126 \$
8c. Of the hemp flower harvested in 2022, how many pounds have you harvested that you expect will remain unsold for the next year or longer?	127			

(Note: The sum of 8a, 8b, and 8c should equal the amount reported in Question 7.)

Section 1 - Hemp Harvested from Open Fields (continued)

• **Hemp Grain for Human Consumption**

1. In 2022, how many acres of hemp grain did you harvest from open fields?

128	. ____
-----	--------

Acres (report to the nearest tenth of an acre)

Note: If zero, go to the next applicable use of hemp that you harvested.

2. For your 2022 hemp grain crop, did you dry your hemp grain prior to sale?

130 ₁ Yes
₃ No

3. How did you acquire the seeds or plants that you used to grow hemp grain in 2022?

132 ₁ I bred, cloned, or bought my own hemp seeds or plants (i.e., I owned them).
₂ I was provided the hemp seeds or plants to grow for another person or organization, who owned them. Sometimes called a "production contract."
₃ Other, specify (133) _____

4. In 2022, how many TOTAL pounds of hemp grain did you harvest from open fields?

134

Pounds

4a. Is the amount reported in Question 5 the dry weight? xxx ₁ Yes ₃ No

	Pounds (dry weight)	Average Price per Pound (Dollars and cents)	OR	Total Dollars
5a. Of the hemp grain harvested in 2022, how many pounds have you sold as of today, and what is the price you received?	135	136 \$. ____		137 \$
5b. Of the hemp grain harvested in 2022, how many pounds do you expect to sell within the next year, and what is the price you reasonably expect to receive?	138	139 \$. ____		140 \$
5c. Of the hemp grain harvested in 2022, how many pounds have you harvested that you expect will remain unsold for the next year or longer?	141			

(Note: The sum of 5a, 5b, and 5c should equal the amount reported in Question 4.)

Section 1 - Hemp Harvested from Open Fields (continued)

• Hemp Fiber

1. In 2022, how many acres of hemp fiber for did you harvest from open fields?

142	. ____	Acres (report to the nearest tenth of an acre)
-----	--------	--

Note: If zero, go to the next applicable use of hemp that you harvested.

2. For your 2022 hemp fiber crop, did you use a retting process prior to sale? Retting is the process of softening the hemp stalk to create fiber material, most commonly by leaving it in a field ("field retting" or "dew retting") or submerging in water ("water retting").

Note: Answer yes if you did so yourself, or if someone did so on your behalf.

- 144 ₁ Yes
₃ No

3. How did you acquire the seeds or plants that you used to grow hemp fiber in 2022?

- 146 ₁ I bred, cloned, or bought my own hemp seeds or plants (i.e., I owned them).
₂ I was provided the hemp seeds or plants to grow for another person or organization, who owned them. Sometimes called a "production contract."
₃ Other, specify (147) _____

4. In 2022, how many TOTAL pounds of hemp fiber did you harvest from open fields?

148	Pounds
-----	--------

- 4a. Is the amount reported in Question 5 the dry weight? xxx ₁ Yes ₃ No

	Pounds (dry weight)	Average Price per Pound (Dollars and cents)	OR	Total Dollars
5a. Of the hemp fiber harvested in 2022, how many pounds have you sold as of today, and what is the price you received?	149	150 \$. ____		151 \$
5b. Of the hemp fiber harvested in 2022, how many pounds do you expect to sell within the next year, and what is the price you reasonably expect to receive?	152	153 \$. ____		154 \$
5c. Of the hemp fiber harvested in 2022, how many pounds have you harvested that you expect will remain unsold for the next year or longer?	155			

(Note: The sum of 5a, 5b, and 5c should equal the amount reported in Question 4.)

Section 1 - Hemp Harvested from Open Fields (continued)

• Hemp Seed to Sell to Other Growers

1. In 2022, how many acres of hemp seed to sell to other growers did you harvest from open fields?

156	. ____
-----	--------

Acres (report to the nearest tenth of an acre)

Note: If zero, go to the next applicable use of hemp that you harvested.

2. For your 2022 hemp seed, did you use a seed feminization process?

158 ₁ Yes

₃ No

3. How did you acquire the hemp seeds or plants that you used to grow your hemp seed in open fields in 2022?

159 ₁ I bred, cloned, or bought my own hemp seeds or plants (i.e., I owned them).

₂ I was provided the hemp seeds or plants to grow for another person or organization, who owned them. Sometimes called a "production contract."

₃ Other, specify (160) _____

4. In 2022, how many TOTAL pounds of hemp seed did you harvest from open fields?

161

Pounds

4a. Is the amount reported in Question 5 the dry weight? xxx ₁ Yes ₃ No

	Pounds (dry weight)	Average Price per Pound (Dollars and cents)	OR	Total Dollars
5a. Of the hemp seed harvested in 2022, how many pounds have you sold as of today, and what is the price you received?	162	163 \$. ____		164 \$
5b. Of the hemp seed harvested in 2022, how many pounds do you expect to sell within the next year, and what is the price you reasonably expect to receive?	165	166 \$. ____		167 \$
5c. Of the hemp seed harvested in 2022, how many pounds have you harvested that you expect will remain unsold for the next year or longer?	168			

(Note: The sum of 5a, 5b, and 5c should equal the amount reported in Question 4.)

Section 1 - Hemp Harvested from Open Fields (continued)

• Hemp for Other Uses

1. In 2022, how many acres of hemp for other uses did you harvest from open fields?

169	. ____
-----	--------

Acres (report to the nearest tenth of an acre)

Note: If zero, go to the next applicable use of hemp that you harvested.

2. How did you acquire the seeds or plants that you used to grow hemp for other uses in 2022?

- 171 I bred, cloned, or bought my own hemp seeds or plants (i.e., I owned them).
- I was provided the hemp seeds or plants to grow for another person or organization, who owned them. Sometimes called a "production contract."
- Other, specify (172) _____

3. In 2022, how many TOTAL pounds of hemp for other uses did you harvest from open fields?

238

Pounds

3a. Is the amount reported in Question 4 the dry weight? xxx 1 Yes 3 No

	Pounds (dry weight)	Average Price per Pound (Dollars and cents)	OR	Total Dollars
4a. Of the hemp for other uses harvested in 2022, how many pounds have you sold as of today, and what is the price you received?	173	174 \$. ____		175 \$
4b. Of the hemp for other uses harvested in 2022, how many pounds do you expect to sell within the next year, and what is the price you reasonably expect to receive?	176	177 \$. ____		178 \$
4c. Of the hemp for other uses harvested in 2022, how many pounds have you harvested that you expect will remain unsold for the next year or longer?	179			

(Note: The sum of 4a, 4b, and 4c should equal the amount reported in Question 3.)

Section 2 - Hemp Under Protection

1. In 2022, did you plant or seed hemp under protection, with the intent to harvest the hemp from **UNDER PROTECTION**? INCLUDE anything grown in:

- Greenhouses
- Low or high tunnels
- Hoop houses
- Indoors with climate and/or light control
- Any other type of protection

DO NOT INCLUDE any clones, transplants, seeds, or seedlings grown under protection that you then moved outdoors to continue growing until harvest; this should be reported on Page 3.

180 ₁ Yes - Continue

₃ No - Skip to Page 15

2. In 2022, how many square feet were **seeded or planted** under protection, including square feet that were abandoned?

Note: If you planted or seeded multiple times under the same space, count the square footage only once.

181

square feet

3. In 2022, how many square feet were **harvested** from under protection?

Note: If you completed multiple harvests under the same space, count the square footage only once.

182

square feet

4. Which of the following hemp products and/or uses did you harvest from **UNDER PROTECTION**? Mark all that apply.

After answering this question, please complete the pages listed for the applicable hemp crop. Each section should take between 2-5 minutes to complete.

183 ₁ Hemp flower for human consumption harvested from under protection, such as:

Page 10

- Smokable hemp
- Hemp harvested for CBD, CBG, CBN, and other cannabinoids and/or terpenes extracted and used in products such as oils, lotions, cleansers, bath products, and other nutraceutical or topical products

DO NOT INCLUDE:

- Hemp seed oil products made from hemp grain instead of hemp flower; report those products on Page 5.
- Hemp flower started under protection but moved outdoors to finish growing and harvested; report that on Page 3.

184 ₁ Hemp clones or transplants grown and sold to other growers (e.g., "propagation stock")

Page 11

INCLUDE: clones or transplants that were sold to a buyer who used them to grow their own hemp.
DO NOT INCLUDE: clones or transplants that YOU then planted and harvested for other purposes; that hemp should be reported under the category that the hemp was ultimately harvested for.

185 ₁ Hemp seed to sell to other growers

Page 12

INCLUDE: hemp seed sold to a buyer who used the seed to grow their own hemp.
DO NOT INCLUDE: seed that YOU then planted and harvested for other purposes; that hemp should be reported under the category that the hemp was ultimately harvested for.

186 ₁ Other hemp, specify (187) _____

Page 13

Section 2 - Hemp Under Protection (continued)

• Hemp Flower Harvested

1. In 2022, how many square feet of hemp flower did you harvest from under protection?

188	square feet
-----	-------------

Note: If zero, go to the next applicable use of hemp that you harvested.

2. For your 2022 hemp flower crop, did you dry your hemp flower prior to sale? This includes drying in the field, hang drying, machine drying, or any other type of drying to remove moisture from the plant. 189 ₁ Yes ₃ No
3. For your 2022 hemp flower crop, did you use a machine to remove your hemp flower from the stem prior to sale? This may be called "bucking," "de-budding," or "de-stemming." 190 ₁ Yes ₃ No
4. For your 2022 hemp flower crop, did you, or will you, hand trim your hemp flower prior to sale? 191 ₁ Yes ₃ No
5. For your 2022 hemp flower crop, did you, or will you, extract the cannabinoids and/or terpenes from your hemp prior to sale? 192 ₁ Yes ₃ No

6. How did you acquire the hemp seeds or plants that you used to grow hemp flower under protection in 2022?¹⁹³

- 193 ₁ I bred, cloned, or bought my own hemp seeds or plants (i.e., I owned them).
₂ I was provided the hemp seeds or plants to grow for another person or organization, who owned them. Sometimes called a "production contract."
₃ Other, specify (194) _____

7. In 2022, how many TOTAL pounds of hemp flower did you harvest from under protection?

195	Pounds
-----	--------

- 7a. Is the amount reported in Question 8 the dry weight? xxx ₁ Yes ₃ No

	Pounds (dry weight)	Average Price per Pound (Dollars and cents)	OR	Total Dollars
8a. Of the hemp flower harvested in 2022, how many pounds have you sold as of today, and what is the price you received?	196	197 \$. __ __		198 \$
8b. Of the hemp flower harvested in 2022, how many pounds do you expect to sell within the next year, and what is the price you reasonably expect to receive?	199	200 \$. __ __		201 \$
8c. Of the hemp flower harvested in 2022, how many pounds have you harvested that you expect will remain unsold for the next year or longer?	202			

(Note: The sum of 8a, 8b, and 8c should equal the amount reported in Question 7.)

Section 2 - Hemp Under Protection (continued)

• Hemp Clones or Transplants

1. In 2022, how many square feet of hemp clones or transplants (e.g., "propagation stock") did you produce under protection?

203	square feet
-----	-------------

Note: If zero, go to the next applicable use of hemp that you harvested.

2. In 2022, did you produce clones, transplants, or both?

- 204 ₁ Clones
₂ Transplants
₃ Both

3. How did you acquire the seeds or plants that you used to produce hemp clones or transplants in 2022?

- 205 ₁ I bred, cloned, or bought my own hemp seeds or plants (i.e., I owned them).
₂ I was provided the hemp seeds or plants to grow for another person or organization, who owned them.
Sometimes called a "production contract."
₃ Other, specify (206) _____

4. In 2022, how many TOTAL hemp clones/transplants did you produce from under protection?

207	Plants
-----	--------

INCLUDE clones or transplants that were sold to a buyer who used them to grow their own hemp.

DO NOT INCLUDE clones or transplants that YOU then planted and harvested for other purposes; that hemp should be reported under the category that the hemp was ultimately harvested for.

	Plants	Average Price per Plant (Dollars and cents)	OR	Total Dollars
5a. Of the clones/transplants produced in 2022, how many plants have you sold as of today, and what is the price you received?	208	209 \$. __ __		210 \$
5b. Of the clones/transplants produced in 2022, how many plants do you expect to sell within the next year, and what is the price you reasonably expect to receive?	211	212 \$. __ __		213 \$
5c. Of the clones/transplants produced in 2022, how many plants have you harvested that you expect will remain unsold for the next year or longer?	214			

(Note: The sum of 5a, 5b, and 5c should equal the amount reported in Question 4.)

Section 2 - Hemp Under Protection (continued)

• Hemp Seed to Sell to Other Growers

1. In 2022, how many square feet of hemp seed did you harvest from under protection?

215

square feet

Note: If zero, go to the next applicable use of hemp that you harvested.

2. For your 2022 hemp seed, did you use a seed feminization process prior to sale?

216 ₁ Yes

₃ No

3. How did you acquire the seeds or plants that you used to grow hemp seed under protection in 2022?

- 217 ₁ I bred, cloned, or bought my own hemp seeds or plants (i.e., I owned them).
₂ I was provided the hemp seeds or plants to grow for another person or organization, who owned them. Sometimes called a "production contract."
₃ Other, specify (218) _____

4. In 2022, how many TOTAL pounds of hemp seed did you harvest from under protection?

219

Pounds

INCLUDE hemp seed that was sold to a buyer who used them to grow their own hemp.

DO NOT INCLUDE hemp seed that YOU then planted and harvested for other purposes; that hemp should be reported under the category that the hemp was ultimately harvested for.

- 4a. Is the amount reported in Question 5 the dry weight? xxx ₁ Yes ₃ No

	Pounds (dry weight)	Average Price per Pound (Dollars and cents)	OR	Total Dollars
5a. Of the hemp seed harvested in 2022, how many pounds have you sold as of today, and what is the price you received?	220	221 \$. __ __		222 \$
5b. Of the hemp seed harvested in 2022, how many pounds do you expect to sell within the next year, and what is the price you reasonably expect to receive?	223	224 \$. __ __		225 \$
5c. Of the hemp seed harvested in 2022, how many pounds have you harvested that you expect will remain unsold for the next year or longer?	226			

(Note: The sum of 5a, 5b, and 5c should equal the amount reported in Question 4.)

Section 2 - Hemp Under Protection (continued)

- **Other Hemp Harvested**

1. In 2022, how many square feet of hemp for other uses did you harvest from under protection?

227	square feet
-----	-------------

2. How did you acquire the seeds or plants that you used to grow hemp for other uses under protection in 2022?

- 228 ₁ I bred, cloned, or bought my own hemp seeds or plants (i.e., I owned them).
₂ I was provided the hemp seeds or plants to grow for another person or organization, who owned them. Sometimes called a "production contract."
₃ Other, specify (229) _____

3. In 2022, how many TOTAL pounds of hemp for other uses did you harvest from under protection?

230	Pounds
-----	--------

3a. Is the amount reported in Question 4 the dry weight? xxx ₁ Yes ₃ No

	Pounds	Average Price per Pound (Dollars and cents)	OR	Total Dollars
4a. Of the hemp for other uses harvested in 2022, how many pounds have you sold as of today, and what is the price you received?	231	232		233
		\$. __ __		\$
4b. Of the hemp for other uses harvested in 2022, how many pounds do you expect to sell within the next year, and what is the price you reasonably expect to receive?	234	235		236
		\$. __ __		\$
4c. Of the hemp for other uses harvested in 2022, how many pounds have you harvested that you expect will remain unsold for the next year or longer?	237			

(Note: The sum of 4a, 4b, and 4c should equal the amount reported in Question 3.)

Skip to next page

Or

Space for Notes and Comments

Section 3 – Operator Characteristics

Please answer the following for the person who makes decisions for this operation:

1. Sex:

926 ₁ Male

₂ Female

2. Year of Birth:

927 _____

3. Is the operator of Hispanic, Latino, or Spanish origin?

1219 ₁ Yes

₃ No

4. Race, select all that apply:

913 White

914 Black or African American

915 American Indian or Alaska Native, specify tribe _____

916 Asian

917 Native Hawaiian or Other Pacific Islander

5. In what year did the operator begin to operate any farm or ranch operation?

907 _____

6. At which occupation did the operator spend the majority (50 percent or more) of his/her time in 2022?

974 ₁ Farm or ranch work

₂ Work other than farming or ranching

7. Is the operator retired from farming or ranching?

921 ₁ Yes

₃ No

Section 4 - Conclusion

To receive the complete results of this survey on the release date, go to: nass.usda.gov/results

To have a brief summary emailed to you, please enter your email address:

1095

Comments:

Operation Email: (if different from above)

Operation Phone:

9937	9936 () - _____	check if cell phone <input type="checkbox"/>
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Respondent Name:

Respondent Phone (if different from above)

9912	9911 () - _____	check if cell phone <input type="checkbox"/>	9910	MM	DD	YY
			Date:	__	__	__

This completes the survey. Thank you for your help.

OFFICE USE ONLY

Response	Respondent	Mode	Enum.	Eval.	Change	Office Use for POID				
1-Comp 2-R 3-Inac 4-Office Hold 5-R – Est 6-Inac – Est 7-Off Hold – Est	9901 1-Op/Mgr 2-Spouse 3-Acct/Bkpr 4-Partner 9-Other	9902 1-PASI (Mail) 2-PATI (Tel) 3-PAPI (Face-to-Face) 6-Email 7-Fax 19-Other	9903	9998	9900	9985	9989 _____ - _____ - _____			
							Optional Use			
							9907	9908	9906	9916
S/E Name										