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.

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1. Please verify the name and mailing address of this operation.
   Make corrections (including the correct operation name) on the label and continue.

2. During any time in 2021, did this operation grow hemp for any purpose?
   
   ☐ 100 Yes - Continue
   ☐ 2 3 No - Skip to page 16
This page is intentionally left blank
Section 1 - Hemp Harvested from Open Fields

1. In 2021, did you or will you plant or seed hemp outdoors in open fields?
   - ☐ 1 Yes - Continue
   - ☐ 3 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
   - ○ Less than an acre:
     - Which of the following is closest to your acreage?
       - ☐ 1 About one acre
       - ☐ 2 ¾ acre
       - ☐ 3 ½ acre
       - ☐ 4 ¼ acre

3. In 2021, how many acres of hemp were harvested from open fields?
   - ○ One or more acres:
     - □ of Acres
   - ○ Less than an acre:
     - Which of the following is closest to your acreage?
       - ☐ 1 About one acre
       - ☐ 2 ¾ acre
       - ☐ 3 ½ acre
       - ☐ 4 ¼ 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.

   - ☐ 1 Hemp flower for human consumption, such as:
     - 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
   - ☐ 1 Hemp grain for human consumption, such as:
     - Crushed seed oil (not CBD oil), hemp hearts, protein supplements, or for other human consumption
   - ☐ 1 Hemp fiber, used for:
     - Clothes, pressed plastics, ropes, animal bedding paper, bio fuel
   - ☐ 1 Hemp seed to sell to others:
     - Note: If seed harvested from greenhouses, nurseries, or other protection, report it on Page 12.
   - ☐ 1 Other hemp, specify (111) ____________________________
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: __________  
   
     - Less than an acre:  
       Which of the following is closest to your acreage?
       - □ 1 About one acre
       - □ 2 ¾ acre
       - □ 3 ½ acre
       - □ 4 ¼ 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.
   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.”
   c. Did you, or will you, hand trim your hemp flower prior to sale?
   d. Did you, or will you, extract the cannabinoids and/or terpenes from your hemp prior to sale?

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?
   - □ 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?
   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.)
   
   a. How many pounds have you sold as of today, and what is the price you received?
   b. How many pounds do you expect to sell within the next year, and what is the price you reasonably expect to receive?
   c. How many pounds have you harvested that you expect will remain unsold for the next year or longer?
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  ¾ acre
       - □ 3  ½ acre
       - □ 4  ¼ 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?
   b. Did you, or will you, use a combine or other machine to remove your hemp grain from the plant, prior to sale?

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.)
   a. How many pounds have you sold as of today, and what is the price you received?
   b. How many pounds do you expect to sell within the next year, and what is the price you reasonably expect to receive?
   c. How many pounds have you harvested that you expect will remain unsold for the next year or longer?
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: 142 Acres
   - Less than an acre: Which of the following is closest to your acreage?
     - 143 About one acre
     - ¾ acre
     - ½ acre
     - ¼ 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 Yes No
   b. Did you, or will you, store your hemp fiber under cover prior to sale? 145 Yes 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 I bought my own hemp seeds, plants, transplants, or clones.
   - 147 My buyer or buyers provided me with the seeds, plants, transplants, or clones.
   - Other, specify (147) __________________________________________

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

<table>
<thead>
<tr>
<th>Pounds</th>
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</table>

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.)

<table>
<thead>
<tr>
<th>Pounds</th>
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<th>OR</th>
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<td>149</td>
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</table>
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 ¾ acre
     - □ 3 ½ acre
     - □ 4 ¼ 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

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.)

   a. How many pounds have you sold as of today, and what is the price you received?

      162 Pounds

      163 $ . ___ ___

      OR 164

      165

      166 $ . ___ ___

      OR 167

      168

      167 $
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
   - 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
   Note: Report to the nearest whole 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?
   Pounds: 238

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.)

   a. How many pounds have you sold as of today, and what is the price you received?
      Pounds: 173
      Average Price per Pound (Dollars and cents): 174
      OR Total Dollars: 175
      $ . ____

   b. How many pounds do you expect to sell within the next year, and what is the price you reasonably expect to receive?
      Pounds: 176
      Average Price per Pound (Dollars and cents): 177
      OR Total Dollars: 178
      $ . ____

   c. How many pounds have you harvested that you expect will remain unsold for the next year or longer?
      Pounds: 179
      Average Price per Pound (Dollars and cents): $ . ____
      OR Total Dollars: $
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 ☐ Yes - Continue

☐ 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 ☐ Hemp flower for human consumption, such as:
   - 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 ☐ Hemp clones or transplants grown and sold to other growers (e.g., "propagation stock")

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

186 ☐ Other hemp, specify (187) ____________________________
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

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 Yes ☐ ☐ 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 Yes ☐ ☐ No

   c. Did you, or will you, hand trim your hemp flower prior to sale?

   191 Yes ☐ ☐ No

   d. Did you, or will you, extract the cannabinoids and/or terpenes from your hemp prior to sale?

   192 Yes ☐ ☐ 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 ☐ I bought my own hemp seeds, seedlings, plants, transplants, or clones.
   ☐ My buyer or buyers provided me with the seeds, plants, transplants, or clones.
   ☐ Other, specify (194) ________________________________

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

   195 Pounds

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.)

   a. How many pounds have you sold as of today, and what is the price you received?

   Pounds 196 Average Price per Pound (Dollars and cents) OR Total Dollars
   197 $ . ___ 198 $
   199 $ . ___ 200 201 $
   202 $ . ___ 203 $

   b. How many pounds do you expect to sell within the next year, and what is the price you reasonably expect to receive?

   c. How many pounds have you harvested that you expect will remain unsold for the next year or longer?
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.

square feet

2. Did you produce clones, transplants, or both?

☐ 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?

☐ 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?

Plants

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.)

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</table>

a. How many plants have you sold as of today, and what is the price you received?

$ \_ \_ \_

b. How many plants do you expect to sell within the next year, and what is the price you reasonably expect to receive?

$ \_ \_ \_

c. How many plants have you grown that you expect will remain unsold for the next year or longer?

$ \_ \_ \_
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   ☐ Yes
   ☐ 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   ☐ I bought my own hemp seeds, seedlings, plants, transplants, or clones.
   ☐ My buyer or buyers provided me with the seeds, plants, transplants, or clones.
   ☐ 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.)

   a. How many pounds have you sold as of today, and what is the price you received?
   
   220 Pounds
   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 Pounds
   224 $ . ___ __
   225 $ ________

   c. How many pounds have you harvested that you expect will remain unsold for the next year or longer?
   
   226 Pounds
   OR
   Total Dollars
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.
   □ 228 2 My buyer or buyers provided me with the seeds, plants, transplants, or clones.
   □ 228 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.)

   a. How many pounds have you sold as of today, and what is the price you received?
      
      □ 231 ___________________________ Pounds
      □ 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 ___________________________ Pounds
      □ 235 $ ____. ___
      □ 236 $ _______________________

   c. How many pounds have you harvested that you expect will remain unsold for the next year or longer?
      
      □ 237 ___________________________ Pounds
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:
   - Male
   - Female

2. Year of Birth:
   - ________________

3. Is the operator of Hispanic, Latino, or Spanish origin?
   - Yes
   - No

4. Race, select all that apply:
   - White
   - Black or African American
   - American Indian or Alaska Native, specify tribe ____________________________
   - Asian
   - Native Hawaiian or Other Pacific Islander

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

6. At which occupation did the operator spend the majority (50 percent or more) of his/her time in 2021?
   - Farm or ranch work
   - Work other than farming or ranching

7. Is the operator retired from farming or ranching?
   - Yes
   - 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)

9937

Operation Phone:

9936

(____) - ________________

check if cell phone

Respondent Name:

9912

Respondent Phone (if different from above)

9911

(____) - ________________

check if cell phone

Date: ___ ___ ___ ___

This completes the survey. Thank you for your help.

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S/E Name