INTRODUCTION:

[Introduce yourself, and ask for the operator. Rephrase in your own words.]

We are collecting information on practices and costs to produce soybeans and need your help to make the information as accurate as possible. Authority for collection of information on the Soybean Production Practices and Costs Report is Title 7, Section 2204 of the U.S. Code. This information will be used for economic analysis and to compile and publish estimates for your region and the United States. Response to this survey is confidential and voluntary.

We encourage you to refer to your farm records during the interview.
1. How many acres of soybeans did this operation plant for the 2006 crop year?
   ► [If no acres planted, review Screening Survey Information Form. Make notes, then go to item 4 on back page].
   TOTAL PLANTED ACRES
   ▶
   ▶

2. I will follow a simple procedure to make a random selection from the soybean fields planted for the 2006 crop.

   What is the TOTAL number of soybean fields that were planted on this operation?
   TOTAL NUMBER OF FIELDS PLANTED
   ▶
   ▶
   ▶

3. Please list these fields according to identifying name/number or describe each field, then I will tell you which field has been selected.
   ► [If there are more than 18 fields make sure item 2 is TOTAL fields planted, and list only the 18 fields closest to the operator’s permanent residence.]
   ► [If respondent is unable to identify or describe the fields, use the Field Selection Grid Supplement.]

<table>
<thead>
<tr>
<th>FIELD NAME, NUMBER OR DESCRIPTION</th>
<th>FIELD NAME, NUMBER OR DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>10</td>
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<td>2</td>
<td>11</td>
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<td>3</td>
<td>12</td>
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<td>4</td>
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<td>14</td>
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<td>16</td>
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<tr>
<td>8</td>
<td>17</td>
</tr>
<tr>
<td>9</td>
<td>18</td>
</tr>
</tbody>
</table>
4. [ENUMERATOR ACTION:]
   Circle the pair of numbers on the above label associated with the last numbered field in item 3.
   Select the field according to the number you circled on the label, and record the selected number.
   If only 1 field, enter 1.

   SELECTED FIELD NUMBER

   0021

5. The field selected is ______________ (field name/number/description.)
   During this interview, the soybean questions will be about this selected soybean field.
   [Be sure the operator can identify the selected field.]
1. How many acres of soybeans did this operation plant in this field for the 2006 crop? ....... 
   a. Are the acres in this field CERTIFIED ORGANIC? ............ YES = 1
      [If YES, skip 1b and ask item 2.]
   b. Was this field transitioning into organic soybean production in 2006? ............ YES = 1

2. Are the acres in this field --
   1 owned by this operation?
   2 rented for CASH with the payment being a fixed cash amount?
   3 rented for CASH with the payment being a flexible cash amount?
   4 rented for a SHARE of the crop?
   5 rented for some combination of CASH and SHARE of the crop?
   6 used RENT FREE?

3. [If field is CASH RENTED (item 2 = 2, 3 or 5), ask--; else go to item 4.]
   What was the cash rent paid per acre for this 2006 soybean field? ............
   [If item 2 = 2, ask items 3a, 3b, and 3c--else go to item 4.]
   a. How many total crop acres were cash rented from the landlord/owner of this soybean field (i.e., the number of acres in the FSA farm that includes this soybean field)? ............
   b. What was the total amount of the Direct Payment under the 2006 Farm Commodity Program you received (or will receive) for all the crop acres you cash rented from the landlord/owner of this soybean field (i.e., total Direct Payment for the FSA farm that includes this soybean field)?
   c. When you signed the cash lease for this soybean field, did you expect a Counter-cyclical Payment would be declared in 2006? ............ YES = 1

4. [If field is SHARE RENTED (item 2 = 4 or 5), ask--]
   What was the landlord’s share of the crop from this field?

5. [If field is RENTED (item 2 = 2, 3, 4 or 5), ask--]
   What was the total cost for all inputs provided by any landlord and contractor for the 2006 crop?  
   (Include the costs for all inputs, such as seed, fertilizer, chemicals, technical services, custom operations, and irrigation. Exclude real estate tax expenses, drying, and lime costs paid by the landowner.)

6. What year did you (the operator listed on the label) start operating this field? .......... 

7. On what date was this field planted? ..........
9. **What was the seeding rate per acre the first time this field was planted?**

<table>
<thead>
<tr>
<th>UNITS</th>
<th>1313</th>
<th>1314</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Drilled?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 Planted in Conventional Rows?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 Broadcast on this field?</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

   a. **Was the soybean seed**

10. **[If Drilled or Planted (item 9a = 1 or 2), ask---]**

    **What was the average soybean row width?**

<table>
<thead>
<tr>
<th>INCHES</th>
<th>1323</th>
</tr>
</thead>
</table>

11. **Was the soybean seed planted in this field**

<table>
<thead>
<tr>
<th>CODE</th>
<th>1316</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Purchased?</td>
<td></td>
</tr>
<tr>
<td>2 Homegrown or traded?</td>
<td></td>
</tr>
<tr>
<td>3 Both?</td>
<td></td>
</tr>
</tbody>
</table>

   **[If item 11 = 2 or 3, ask---]**

   a. **What was the cost per bushel for cleaning and treating this seed?**

   **[If item 11 = 3, ask---]**

   b. **How much of the soybean seed planted in this field was grown (or received in trade) by this operation?**

12. **How many acres in this field had to be replanted to soybeans?**

   *(Number of acres times the number of times replanted).*

<table>
<thead>
<tr>
<th>ACRES</th>
<th>1318</th>
</tr>
</thead>
</table>

   **[If any seed purchased (item 11 = 1 or 3) ask, --- else go to item 14.]**

13. **What was the total cost per unit** *(including both your and the landlord’s and contractor’s share)* **of purchased seed for this field?**

   *(Include cost of seed treatment and inoculants).*

<table>
<thead>
<tr>
<th>DOLLARS &amp; CENTS PER UNIT</th>
<th>1319</th>
<th>1320</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEED TYPE - SOYBEANS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-----------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 - Genetically-Modified herbicide resistant seed variety (<em>e.g. Roundup Ready</em>)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 - Non-genetically-modified herbicide resistant seed variety (<em>e.g. STS-soybeans</em>)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 - Organic soybean variety (<em>Clear Hilum food-grade</em>)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 - Organic soybean variety (<em>Vinton food-grade</em>)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 - Organic soybean variety (<em>other food-grade varieties</em>)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6 - Organic soybean variety (<em>non-food grade varieties</em>)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7 - None of the above</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

14. **Which type of soybean seed was used on the majority of this field---**
   [Show Seed Type Code List from Respondent Booklet and choose one code.]

   a. in 2006? ............................................................... 1341
   b. in 2005? [Leave blank if soybeans were not on this field in 2005.] ........................................ 1342

15. **[If item 14a = 1 or 2, ask---]**
   **Resistant seed varieties offer several benefits.**
   Did you choose the resistant seed variety used on this field primarily to---

   1. Increase yields through improved pest (weed or insect) control?
   2. Decrease herbicide input costs?
   3. Decrease machinery costs?
   4. Improve ability to use or ease of using reduced tillage or no-till system?
   5. Improve ability to use or ease of rotating crops?
   6. Save management time or labor or improve ease of management?
   7. Adopt more environmentally friendly practices?
   8. For some other reason(s)? [Specify _____________] 1343

19. **[If 14a does not equal 1, ask---]**
   **Were the soybeans from this field sold (or will they be sold) through a market specifically for non-genetically modified soybeans?** .............................................................. YES = 1 1344

   a. **[If item 19 = YES, ask---]**
   What was the price premium (or the expected premium if not yet sold) received for these non-genetically modified soybeans? .......................................................... 1345

25. **Has harvest of this field been completed?** .................................................. YES = 1 1328
26. Now I need information about the acres harvested (or to be harvested) and the yields from this field.

How many acres in this soybean field were (will be)---

<table>
<thead>
<tr>
<th>ACRES</th>
<th>UNITS PER ACRE</th>
<th>UNIT CODES</th>
</tr>
</thead>
<tbody>
<tr>
<td>1329</td>
<td></td>
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<td>1330</td>
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<td>1339</td>
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</tbody>
</table>

b. harvested for hay, or other forage chop? (will be)---

c. harvested for seed? (will be)---

d. abandoned? (will be)---

e. used for some other purpose? (will be)---

27. Next, I need to know what crops were previously PLANTED on the majority of this field, including cover crops.

What crop was PLANTED on this field in---

<table>
<thead>
<tr>
<th>CROP NAME</th>
<th>CROP CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. FALL of 2005?</td>
<td>1352</td>
</tr>
<tr>
<td>b. SPRING/SUMMER of 2005?</td>
<td>1353</td>
</tr>
<tr>
<td>c. FALL of 2004?</td>
<td>1354</td>
</tr>
<tr>
<td>d. SPRING/SUMMER of 2004?</td>
<td>1355</td>
</tr>
<tr>
<td>e. FALL of 2003?</td>
<td>1356</td>
</tr>
<tr>
<td>f. SPRING/SUMMER of 2003?</td>
<td>1357</td>
</tr>
</tbody>
</table>
28. In 2006, did your land-use practices for this field include---

<table>
<thead>
<tr>
<th>Code</th>
<th>Practice Description</th>
<th>YES = 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>1358</td>
<td>a. terraces?</td>
<td></td>
</tr>
<tr>
<td>1359</td>
<td>b. temporary or permanent levees?</td>
<td></td>
</tr>
<tr>
<td>1360</td>
<td>c. grassed waterways?</td>
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<tr>
<td>1361</td>
<td>d. filter strips or riparian buffers on or adjoining the field?</td>
<td></td>
</tr>
<tr>
<td>1362</td>
<td>e. contour farming?</td>
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<tr>
<td>1363</td>
<td>f. strip cropping?</td>
<td></td>
</tr>
<tr>
<td>1364</td>
<td>g. underground outlets such as tile drainage?</td>
<td></td>
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<tr>
<td>1365</td>
<td>h. other drainage channels or diversions?</td>
<td></td>
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</tbody>
</table>

29. Has the Natural Resource Conservation Service (NRCS) classified any part of this field as “Highly Erodible”?.

   YES = 1

30. Have you been notified by NRCS that this field contains a wetland?.

   YES = 1

31. In 2006, did you receive technical assistance for planning, installing, maintaining, or using conservation practices or systems on this field?

   (Include grassed waterways and filter strips or riparian buffers, or drainage area, on or adjoining this field. Include assistance from any source whether paid for or free.)

   YES = 1

32. Is this field included in an existing conservation program contract for which you or the landlord have received (or expect to receive) cost sharing payments, stewardship payments, or incentive payments?

   (Be sure to consider grassed waterways and filter strips or riparian buffers, or drainage area, on or adjoining this field. Also, be sure to consider payments that are part of this contract but were made before 2006 or payments that are anticipated for future years.)

   YES = 1

   [If item 32 is YES, ask---, else go to item 32b.]

a. Have (or will) you receive cost sharing or incentive payments for---

   (i) Environmental Quality Incentives Program (EQIP)?

   YES = 1

   (ii) Conservation Security Program (CSP)?

   YES = 1

   (iii) Conservation Reserve Program (CRP)?

   YES = 1

   (iv) Other programs? (Specify:_________________________________)

   YES = 1

b. Was this field included in an application that was rejected for an existing conservation program and if so, was it rejected from---

   (i) Environmental Quality Incentives Program (EQIP)?

   YES = 1

   (ii) Conservation Security Program (CSP)?

   YES = 1

   (iii) Conservation Reserve Program (CRP)?

   YES = 1

   (iv) Other programs? (Specify:_________________________________)
33. During 2006, did any written plan of the following types cover this field and if so, in what year was the plan implemented? 
(A "written plan" is a plan prepared in accordance with Federal, State, or district standards.)

<table>
<thead>
<tr>
<th>CODE</th>
<th>YEAR IMPLEMENTED</th>
</tr>
</thead>
<tbody>
<tr>
<td>1372</td>
<td></td>
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<td>1373</td>
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<td>1380</td>
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<td>1381</td>
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</tbody>
</table>

If items 33a, b, c, d, or e = YES, ask---

34. During 2006, did you pay any technical service provider or consultant to develop or write any of these plans for which you or the landowner were reimbursed by the Natural Resource Conservation Service?  

<table>
<thead>
<tr>
<th>CODE</th>
<th>DOLLARS &amp; CENTS PER ACRE</th>
<th>TOTAL DOLLARS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1382</td>
<td></td>
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<td>1383</td>
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<tr>
<td>1384</td>
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</tbody>
</table>

35. Were the soybeans in this field covered by Federal Crop Insurance in 2006?  

<table>
<thead>
<tr>
<th>CODE</th>
<th>DOLLARS &amp; CENTS PER ACRE</th>
<th>TOTAL DOLLARS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1385</td>
<td></td>
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<td>1389</td>
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</table>

36. Were the soybeans in this field covered by private crop insurance in 2006? (Hail, wind, freeze, etc.)  

<table>
<thead>
<tr>
<th>CODE</th>
<th>DOLLARS &amp; CENTS PER ACRE</th>
<th>TOTAL DOLLARS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1390</td>
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<td>1391</td>
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<td>1392</td>
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<td>1393</td>
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<tr>
<td>1394</td>
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</tr>
</tbody>
</table>
1. Were commercial FERTILIZERS applied to this field for the 2006 soybean crop?  

   YES = 1

2. If COMMERCIAL fertilizer applied, continue, else go to item 7.
3. How many commercial fertilizer applications were made to this field for the 2006 crop?  
   (Include applications made by airplanes and custom applicators).

4. Now I need to record information for each application

   **CHECKLIST**

   √ INCLUDE
   - Custom applied fertilizers
   - Fertilizers applied in the fall of 2005 and those applied earlier if this field was fallow in 2005.
   - Commercially prepared manure

   √ EXCLUDE
   - Micronutrients
   - Unprocessed manure
   - Fertilizer applied to previous crops in this field
   - Lime and Gypsum/landplaster

   **T-TYPE TABLE**

<table>
<thead>
<tr>
<th>T-TYPE</th>
<th>TABLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>001</td>
</tr>
</tbody>
</table>

   **LINE 99**

<table>
<thead>
<tr>
<th>N Nitrogen</th>
<th>P2O5 Phosphate</th>
<th>K2O Potash</th>
<th>S Sulfur</th>
</tr>
</thead>
<tbody>
<tr>
<td>0205</td>
<td>0206</td>
<td>0207</td>
<td>0214</td>
</tr>
<tr>
<td>0208</td>
<td>0209</td>
<td>0210</td>
<td>0211</td>
</tr>
</tbody>
</table>

   **APPLICATION CODES for COLUMN 6**

   1. Broadcast, ground without incorporation
   2. Broadcast, ground with incorporation
   3. Broadcast, by aircraft
   4. In seed furrow
   5. In irrigation water
   6. Chisel, injected or knifed in
   7. Banded/Sidedressed in or over row
   8. Foliar or directed spray

   **ACRES**

<table>
<thead>
<tr>
<th>01</th>
<th>02</th>
<th>03</th>
<th>04</th>
<th>05</th>
<th>06</th>
<th>07</th>
<th>08</th>
</tr>
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<tbody>
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</tr>
</tbody>
</table>
5. Were any fertilizers applied by custom applicators?
   - YES - [Continue.]
   - NO - [Go to item 6.]
   a. Are you able to report the cost of fertilizer materials and custom application separately?
      - YES - [Continue.]
      - NO - [Go to item 6.]

b. Excluding the cost of the fertilizer materials, how much was spent for custom application of fertilizers on this field?
   (Include landlord and contractor costs.
   Exclude custom application of lime, gypsum, purchased manure & purchased compost.)
   (If material and application costs can’t be separated, exclude them here and record the total in item 6.)

6. What was the TOTAL COST of all fertilizer products applied to this field?
   (Include landlord and contractor costs. Include costs for sulfur and micronutrients.
   If custom applied, include the cost of materials ONLY, unless materials and application costs cannot be separated.
   Include materials applied to this field if it was fallow in 2005.)

7. Was gypsum applied to this field for the 2006 soybean crop?
   - YES = 1

8. What was your yield goal at planting for this field?

9. Was a soil or plant tissue test performed on this soybean field in 2005 or 2006 for the 2006 crop?
   - YES [Continue.]
   - NO [Go to item 14.]

10. Was a soil test for phosphorus performed on this soybean field in 2005 or 2006 for the 2006 crop?
    - YES = 1
    a. [If phosphorus test done, ask---]
       How many pounds of phosphorus (per acre) were recommended (by the phosphorus test)?

11. Was a soil test for nitrogen performed on this soybean field in 2005 or 2006 for the 2006 crop?
    - YES = 1
    a. [If nitrogen test done, ask---]
       How many pounds of nitrogen (per acre) were recommended (by the nitrogen test)?

12. Was a plant tissue test for nutrient deficiency performed on this field in 2005 or 2006 for the 2006 soybean crop?
    - YES = 1
13. How much was spent for these soil and plant tissue tests on this field? [Include landlord and contractor costs.]

DOLLARS & CENTS PER ACRE OR TOTAL DOLLARS

| CODE | 0230 | 0231 |

a. If tests were done at no cost explain---

1. Soil/plant tissue test provided free of charge by dealer, crop consultant, or extension service.
2. Soil/plant tissue test costs were included in the total fertilizer costs reported in item 6.
3. Some other reason.

CODE

0232

14. [Enumerator Action: Refer to the Fertilizer Table, column 2. If nitrogen (N) was applied, complete items 15 and 16. If NO nitrogen applied, go to item 17.]

15. Was the amount of nitrogen you decided to apply to this field based on---

[Enter code “1” for all that apply.]

CODE

a. Results of a soil or plant tissue test? ....... YES = 1
b. Crop consultant recommendation? ...... YES = 1
c. Fertilizer dealer recommendation? .......... YES = 1
d. Extension Service recommendation? .......... YES = 1
e. Cost of nitrogen and/or expected commodity price? .. YES = 1
f. Contractor recommendation? ........ YES = 1
g. Routine practice (operator’s own determination based on past experience, yield goal, etc.)? .......... YES = 1

16. Did you use any product to slow the breakdown of nitrogen on this field?

(For example a nitrification inhibitor such as N-Serve or a urease inhibitor such as Agrotain.) ......... YES = 1

CODE

0241

17. Is lime ever applied to this field? ....... YES = 1

a. [If no lime applied, go to item 18---else continue.]
   On average, how many years are there between applications of lime to this field? .................

YEARS

| CODE | 0243 |

b. How many tons of lime were applied per acre the last time it was applied to this field? ..........

TONS PER ACRE

| CODE | 0244 |

c. Was lime applied to this field in 2005 or 2006 for the 2006 crop? .......... YES = 1

d. [If rented, (item B2 =2, 3, 4, or 5) ask---]
   Considering the last time it was applied, what percent of the total cost of lime and its application was paid by the landlord(s)? ........

PERCENT

| CODE | 0245 |
18. Was unprocessed manure or other organic material (excluding compost) applied to
this field for the 2006 soybean crop? (Exclude commercially prepared manure.)

☐ YES - [Enter code 1 and continue.] ☐ NO - [Go to item 20.]

a. How many acres was manure applied to? .................................................................

ACRES 0246 __

b. What was the amount of manure applied to this field? .................................................. 0247

<table>
<thead>
<tr>
<th>CODE</th>
<th>UNITS PER ACRE</th>
<th>TOTAL UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 TONS</td>
<td>AND 0248</td>
<td>OR 0249</td>
</tr>
<tr>
<td>2 GALLONS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 BUSHELS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

c. What is the distance between the manure storage/production location and this manured field? .................................................................

MILES 0251 __

d. What was the capacity of the manure spreader used to apply manure to this field? .......... 0252

<table>
<thead>
<tr>
<th>CODE</th>
<th>TOTAL UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 TONS</td>
<td>AND 0252</td>
</tr>
<tr>
<td>2 GALLONS</td>
<td>OR 0253</td>
</tr>
<tr>
<td>3 BUSHELS</td>
<td></td>
</tr>
</tbody>
</table>

e. What was the percent of manure applied---

(i) in the fall before planting? .................................................................

PERCENT 0254 +

(ii) in the spring before planting? .................................................................

+ 0255

(iii) after planting? .................................................................

+ 0256

100%

f. Was the manure---

☐ Lagoon liquid? 0257

☐ Slurry liquid?

☐ Semi – dry or dry?

g. Was the manure---

☐ Broadcast or sprayed without incorporation?

0258

☐ Broadcast or sprayed with incorporation?

☐ Injected/knifed in?

☐ Sprayed using irrigation systems?

h. Was the major source of the manure from---

1 Beef cattle?

0259

2 Dairy cattle?

3 Hogs?

4 Sheep?

5 Poultry?

6 Equine?

7 Biosolids (municipal sludge, food waste, etc.)?

8 Other (Specify) __________________________?

i. Was the manure---

1 Produced on this operation?

CODE

2 Purchased (including any payment for transportation or application)?

3 Obtained at no cost off this operation?

4 Obtained with compensation?
j. Was any manure applied to this field tested for nutrient content prior to application?  YES = 1

k. Was the application rate of commercial nitrogen fertilizer on this field reduced due to manure application?  YES = 1

If YES, ask---
(i) By what percent did you reduce the commercial nitrogen fertilizer application rate on this field?  

19. Were the manure APPLICATION RATES to this field influenced by Federal, State, or local restrictions?  YES = 1

a. [If item 19 is YES, ask---]
   What basis was used to determine these manure application rate restrictions--
   (i) Nitrogen requirement of the crop?  YES = 1
   (ii) Phosphorus requirement of the crop?  YES = 1

20. Was compost applied to this field for the 2006 soybean crop?
   □ YES - [Enter code 1 and continue.]  □ NO - [Go to Section D].

   a. How many acres in this field was the compost applied to?  

   b. What was the amount of compost applied to this field?  
      1 Tons  2 Cubic Yards

   c. Was the compost--
      1 Produced on this operation?
      2 Purchased (including any payment for transportation or application?)
      3 Obtained at no cost off this operation?
      4 Obtained with compensation?
Now I have some questions about all the pesticides used on this field for the 2006 soybean crop including both custom applications and applications made by this operation.

1. Were any herbicides, insecticides, fungicides or other chemicals used on this soybean field for the 2006 crop?  

   YES = 1

   [Probe for applications made in the fall of 2005 (and those made earlier if this field was fallow).]  

   [If no pesticides applied, go to Section E.]

   **T - TYPE TABLE**

   Include defoliants, fungicides, herbicides, insecticides, and pesticides

   Exclude fertilizers reported earlier and seed treatments.

   Include biological and botanical pesticides.

   **CHEMICAL PRODUCT NAME**

   **LINE**

   **2**

   What products were applied to this field? [Show product codes from Respondent Booklet.]

   **3**

   Was this product bought in liquid or dry form? [Enter L or D]

   **4**

   Was this part of a tank mix? [If tank mix, enter line number of first product in mix.]

   **5**

   When was this applied?  
   1 BEFORE planting  
   3 AT planting  
   4 AFTER planting

   **6**

   How much was applied per acre per application?

   **OR 7**

   What was the total amount applied per application in this field?

   **8**

   [Enter unit code.]
   1 Pounds
   12 Gallons
   13 Quarts
   14 Pints
   15 Liquid Oz.
   28 Dry Oz.
   30 Grams

2. [For pesticides not listed in Respondent Booklet, specify—]
## APPLICATIONS CODES for column 9

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Broadcast, ground without incorporation</td>
</tr>
<tr>
<td>2</td>
<td>Broadcast, ground with incorporation</td>
</tr>
<tr>
<td>3</td>
<td>Broadcast, by aircraft</td>
</tr>
<tr>
<td>4</td>
<td>In Seed furrow</td>
</tr>
<tr>
<td>5</td>
<td>In Irrigation water</td>
</tr>
<tr>
<td>6</td>
<td>Chisel/Injected or Knifed in</td>
</tr>
<tr>
<td>7</td>
<td>Banded in or over row</td>
</tr>
<tr>
<td>8</td>
<td>Foliar or directed spray</td>
</tr>
<tr>
<td>9</td>
<td>Spot treatments</td>
</tr>
</tbody>
</table>

**ENUMERATOR NOTE:**
Use these columns only if TOTAL COST (item 4 on next page) cannot be provided.

## OPTIONAL ITEM 4

What was the cost per unit of the product?

<table>
<thead>
<tr>
<th>UNIT CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>4</td>
</tr>
<tr>
<td>5</td>
</tr>
<tr>
<td>6</td>
</tr>
<tr>
<td>7</td>
</tr>
</tbody>
</table>

### Example Table

<table>
<thead>
<tr>
<th>LINE</th>
<th>9</th>
<th>10</th>
<th>11</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>02</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>03</td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>04</td>
<td></td>
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</tr>
<tr>
<td>05</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>06</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>07</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>08</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>09</td>
<td></td>
<td></td>
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<td>10</td>
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<td>11</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
3. Were any chemicals or pesticides applied by custom applicators?
   - YES – [Continue.]
   - NO - [Go to item 4.]

   a. Are you able to report the cost of chemical product and custom application separately?
      - YES – [Continue.]
      - NO - [Go to item 4.]

   b. Excluding the cost of the chemical product, how much was spent for custom application of chemicals and pesticides on this field?
      (Include operator and landlord cost.)

4. What was the TOTAL COST of all chemical products applied to this field?
   Include operator and landlord cost, defoliants, herbicides, insecticides, fungicides, surfactants, wetting agents, growth regulators, and materials applied before planting and during 2005 fallow period. Exclude seed treatments.

   NOTE 1: If respondent cannot report TOTAL COST, itemize cost for each product in optional columns in Pesticide Table.

   NOTE 2: For custom applications: If respondent cannot report cost of chemical product separately from application costs, report both in item 4.
Now I have some questions about your pest management decisions and practices used on this field for the 2006 soybean crop. By pests, we mean WEEDS, INSECTS, and DISEASES.

1. [Enumerator Action: Were PESTICIDE APPLICATIONS reported in Section D?]
   - YES - [Continue.]
   - NO - [Go to item 10.]

2. Was weather data used to assist in determining either the need for or timing of pesticide applications? 
   - YES = 1
   - NO

3. Were any biological pesticides such as Bt (*Bacillus thuringiensis*), insect growth regulators, neem or other natural/biological based products sprayed or applied to manage pests in this field? 
   - YES = 1

4. Were pesticides with different mechanisms of action rotated or tank mixed for the primary purpose of keeping pests from becoming resistant to pesticides? 
   - YES = 1

5. [Enumeration Action: Were HERBICIDES used (pesticide product codes 4000-4999), Section D, item 1, column 2?]
   - YES - [Continue.]
   - NO - [Go to item 8.]

6. Were herbicides applied to this soybean field BEFORE weeds emerged?
   - YES = 1
   a. Were the herbicides applied BEFORE weeds emerged on this soybean field based primarily on---
      1. routine treatments of what weeds are usually present? 
      2. weed scouting from the previous year?

7. Were herbicides applied to this soybean field AFTER weeds emerged?
   - YES = 1
   a. Were the herbicides applied AFTER weeds emerged on this soybean field based primarily on---
      1. routine treatments of what weeds are usually present? 
      2. weed scouting from the current year?

8. [Enumeration Action: Were INSECTICIDES used (pesticide product codes 1000 – 1999), in Section D, item 1, column 2?]
   - YES - [Continue.]
   - NO - [Go to item 10.]

9. Were the insecticides applied to this soybean field based primarily on---
   1. routine treatments of what insects are usually present? 
   2. scouting for insect infestation?
10. In 2006, how was this field primarily scouted for insects, weeds, diseases, and/or beneficial organisms---

1. By deliberately going to the field specifically for scouting activities? [Enter code 1 and go to item 11.]
2. By conducting general observations while performing routine tasks? [Enter code 2 and go to item 13.]
3. This field was not scouted. [Enter code 3 and go to item 18.]

11. Was an established scouting process used (systematic sampling, recording counts, etc.) or were insect traps used in this field? YES = 1

12. Was scouting for pests done in this field due to---

   a. a pest advisory warning? YES = 1
   b. a pest development model? YES = 1

13. Was this soybean field scouted for-- YES = 1

   a. Weeds? 0812
   b. Insects or mites? 0824
      (i) Soybean Aphids? 0821
      (ii) Other insects or mites? 0824
   c. Diseases? 0827
      (i) Asian Soybean Rust? 0827
      (ii) Other diseases? 0830

14. [If item 13, column 3 = 3 or 4), ask--- else go to item 15.] How much did you pay for the scouting services for this field? [Include landlord and contractor cost.] DOLLARS & CENTS PER ACRE OR TOTAL DOLLARS

   a. [Note: If scouting performed at no cost, explain:_____________________] 0835
   b. Did you base your management decisions regarding Asian Soybean Rust on information received from the scouting service? YES = 1

   OFFICE USE 0333
   CODE 0837
15. Were written or electronic records kept for this field to track the activity or numbers of weeds, insects or diseases?  
   YES = 1

16. Was scouting data compared to published information on infestation thresholds to determine when to take measures to manage pests in field?  
   YES = 1

17. Did you use field mapping of previous weed problems to assist you in making weed management decisions?  
   YES = 1

18. Did you do any of the following other type(s) of pest management for the specific purpose of managing or reducing the spread of pests in this field?  
   [Enter code “1” for all that apply.]
   a. Use the services of a diagnostic laboratory for pest identification or soil plant tissue pest analysis for this field?  
      YES = 1
   b. Plow down crop residues (using conventional tillage)?  
      YES = 1
   c. Remove/burn down crop residue?  
      YES = 1
   d. Rotate crops in this field during the past 3 years?  
      YES = 1
   e. Maintain ground covers, mulches, or other physical barriers?  
      YES = 1
   f. Choose crop variety because of specific resistance to certain pest?  
      YES = 1
   g. Use no-till or minimum till?  
      YES = 1
   h. Plan planting locations to avoid cross infestation of pests?  
      YES = 1
   i. Adjust planting or harvesting dates?  
      YES = 1
   j. Chop, spray, mow, plow, or burn field edges, lanes, ditches, roadways, or fences lines?  
      YES = 1
   k. Clean equipment and field implements after completing field work to reduce the spread of pests?  
      YES = 1
   l. Adjust row spacing, plant density or row directions?  
      YES = 1
   m. Did you apply or release any beneficial organisms?  
      YES = 1
   n. Did you have the seed used in this field treated for insect or disease control after you purchased the seed?  
      YES = 1
   o. Did you maintain a beneficial insect or vertebrate habitat?  
      YES = 1

   [If this is a CERTIFIED ORGANIC soybean field, item 1a, Section B is positive, ask---]
   p. Did you maintain buffer strips or border rows to isolate organic soybeans from non-organic crops or land, or did you take a buffer harvest?  
      YES = 1
   q. Did you use a flamer to kill weeds?  
      YES = 1
19. Did you detect any soybean aphids in this field? YES = 1

a. [If item 19 = YES, ask—]

If untreated, how much yield loss (e.g. bushels per acre), do you think SOYBEAN APHIDS would most likely cause on this field? 0876 0877

20. Did you detect any soybean cyst nematodes in this field? YES = 1

a. [If item 20 = YES, ask—]

If untreated, how much yield loss (e.g. bushels per acre), do you think SOYBEAN CYST NEMATODES would most likely cause on this field? 0878 0879

21. Were water management practices such as irrigation scheduling, controlled drainage, or treatment of retention water used on this field to manage for pests or toxic producing fungi and bacteria (i.e. aflatoxin)? YES = 1

22. Was protection of beneficial organisms a factor in your pest control decisions for this field? YES = 1

PEST MANAGEMENT INFORMATION

24. [Show Pest Management Information Sources Code List from Respondent Booklet.]

Which outside sources of information on pest management practices and products were used for the 2006 soybean crop? (Starting with the most influential in determining the pest management practices used on this operation, enter code(s) for up to 3 sources.)

PEST MANAGEMENT INFORMATION SOURCES CODE LIST

1 County, Cooperative, or University Extension Advisor, Publications or demonstrations
2 Farm Supply or Chemical Dealer
3 Commercial Scouting Service
4 Independent Crop Consultant or Pest Control Advisor/Custom Applicator
5 Other Growers or Producers
6 Producer Associations, Newsletters or Trade Magazines
7 Electronic Information Services (DTN, Internet, World Wide Web, etc.)
8 Employee Pest Advisor
9 Other – (Specify:__________________________________________)
10 None – Operator used no outside information source

25. Other than pesticide applicator training, have you (the operator) attended any training session on pest identification and management since October 1, 2005? YES = 1
26. At the beginning of the 2006 growing season what did you think was the likelihood of your farm experiencing a soybean rust infestation?

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Very likely</td>
</tr>
<tr>
<td>2</td>
<td>Somewhat likely</td>
</tr>
<tr>
<td>3</td>
<td>Uncertain</td>
</tr>
<tr>
<td>4</td>
<td>Somewhat unlikely</td>
</tr>
<tr>
<td>5</td>
<td>Very unlikely</td>
</tr>
</tbody>
</table>

27. Did you experience an outbreak of Asian soybean rust on this field in 2006?

[If item 27 is Yes, ask--- else go to item 28.]

a. When did you first become aware of the outbreak?

28. Whether you experienced an outbreak of Asian soybean rust or not, did you visit the USDA Public Soybean Rust Website (http://www.sbrusa.net/)?

[If item 28 is YES, ask--- else go to Section F.]

a. Did information found on this website cause you to change your management of fungicide use (for example, to either increase or decrease) on this field?

b. Did this change in management cause the fungicide application rate to---
<table>
<thead>
<tr>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
</tbody>
</table>

c. Did this change in management cause the number of fungicide applications to---
   | Code |
   | 1    | Increase?   |
   | 2    | Decrease?   |
   | 3    | No change?  |
1. Including custom operations, I need to list field work performed by machines on this field for the 2006 soybean crop. Please...

- Begin with the first field operation after harvest of previous crop. (If fallow during 2005, list operations starting with fall 2004.)
- List the operations in order through harvest and hauling of this crop to storage or first point of sale, and
- Maintain the order of tandem hook-ups.

**CHECK LIST**

Include all field work using machines for---
- Land Forming/Levee Building
- Tillage
- Preparing for Irrigation
- Planting
- Fertilizer & Pesticide applications
- Harvesting
- Hauling to storage or first point of sale

Exclude
- Lime & Gypsum/land plaster applications
- Non-Commercial Manure applications & Compost

**CODES FOR COLUMN 5**

1. You (The Operator)?
2. Partner?
3. Unpaid Worker?
4. Paid Part-time or Seasonal Worker?
5. Paid Full-time Worker?
6. Custom Applicator?---[Skip columns 6-11.]

**CODES FOR COLUMN 11**

1. If a truck was used for hauling, use power source code 99. If a truck was used to power another machine, use truck codes in Respondent Booklet.

**ENUMERATOR NOTE:** Please complete the checklist at top of page for this table.
2. Now I need some additional information about your labor. Exclude labor that was reported for field work performed by machines.

Please report the paid and unpaid labor that worked on this field to produce the 2006 soybean crop.

<table>
<thead>
<tr>
<th>TYPE OF WORKERS</th>
<th>a. scouting for weeds, insects and diseases?</th>
<th>b. irrigating?</th>
<th>c. other work performed by hand?</th>
</tr>
</thead>
<tbody>
<tr>
<td>You (the operator)</td>
<td>1101</td>
<td>1102</td>
<td>1103</td>
</tr>
<tr>
<td>Partner(s)</td>
<td>1104</td>
<td>1105</td>
<td>1106</td>
</tr>
<tr>
<td>Unpaid workers</td>
<td>1107</td>
<td>1108</td>
<td>1109</td>
</tr>
<tr>
<td>Paid part-time or seasonal workers</td>
<td>1110</td>
<td>1111</td>
<td>1112</td>
</tr>
<tr>
<td>Paid full-time workers</td>
<td>1113</td>
<td>1114</td>
<td>1115</td>
</tr>
</tbody>
</table>

3. What was the average hourly wage rate paid to full-time hired workers on this field? (Exclude custom and contract workers, payroll taxes and benefits.)

4. What was the average hourly wage rate paid to part-time or seasonal hired workers on this field? (Exclude custom and contract workers, payroll taxes and benefits.)

5. Was any contract labor used on this field? YES = 1

   a. If YES, ask – What was the average cost per acre for this contract labor? (Include landlord and contractor costs.)

6. What percent of the total hours worked on this field by UNPAID workers was worked by children under 16 years old?
7. Now I need some information on how much was spent for custom services used on this field for the 2006 soybean crop.

<table>
<thead>
<tr>
<th>CUSTOM SERVICE</th>
<th>DOLLARS &amp; CENTS PER ACRE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Which of these services were done for the 2006 soybean crop on this field?</td>
<td></td>
</tr>
<tr>
<td>a. custom land preparation, shaping and/or leveling?</td>
<td>1121</td>
</tr>
<tr>
<td>b. custom cultivating?</td>
<td>1122</td>
</tr>
<tr>
<td>c. custom planting and/or reseeding?</td>
<td>1123</td>
</tr>
<tr>
<td>d. custom harvesting?</td>
<td>1124</td>
</tr>
<tr>
<td>e. custom hauling to storage or point of first sale?</td>
<td>1126</td>
</tr>
<tr>
<td>f. custom harvesting and hauling from field to storage or point of first sale?</td>
<td>1127</td>
</tr>
</tbody>
</table>

8. Did you hire any technical or consultant services to make recommendations for this field? (such as for nutrient, pest control, irrigation, or precision farming recommendations)

<table>
<thead>
<tr>
<th>CODE</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>YES - [Continue.]</td>
<td>NO - [Go to item 10.]</td>
</tr>
<tr>
<td>1129</td>
<td>1130</td>
</tr>
<tr>
<td>1131</td>
<td>1132</td>
</tr>
<tr>
<td>1133</td>
<td>1134</td>
</tr>
<tr>
<td>1135</td>
<td>1136</td>
</tr>
</tbody>
</table>

9. If YES to any of these services, what was the cost for all of these services?

<table>
<thead>
<tr>
<th>DOLLARS &amp; CENTS PER ACRE</th>
<th>TOTAL DOLLARS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1136</td>
<td>1137</td>
</tr>
</tbody>
</table>
10. **Was there (will there be) a yield monitor on the equipment used to harvest this soybean field?**

   [If item 10 is YES, continue—else go to item 11.]

   a. **Was there (will there be) a yield map produced from this harvest using information from the yield monitor?**

   b. **Did you use the yield monitor information to—**
   
   (i) monitor crop moisture content to determine need for crop drying?
   
   (ii) add/improve tile drainage?
   
   (iii) add/improve irrigation equipment/irrigation water application?
   
   (iv) conduct in-field experiments (e.g., compare fertilizer applications, seed varieties, herbicides, pesticides, etc)?
   
   (v) negotiate new crop leases?
   
   (vi) document yields for crop insurance, real estate tax, or farm program purposes?
   
   (vii) accurately divide crop production among partners and/or for landlord crop shares?
   
   (viii) other uses [specify ________________________________] 

   **CODE**
   
   1138

   1140

   1141

   1142

   1143

   1144

   1145

   1146

   1147

   **11. During 2005 or 2006, was a GPS (Global Positioning System) device used to produce a map of the soil properties of this field?**

   (such as nitrate levels, PH, soil type, etc.).

   [If item 11 is YES, ask—]

   a. **Was the information collected above based on—**

   1 soil tests from this field?

   2 a machine that measured electrical conductivity of the soil in this field (e.g. Veris machine)?

   3 other? Specify ________________________________

   **CODE**
   
   1149

   1151

   13. **Was a variable rate applicator (i.e., variable rate technology or VRT; include on-the-go systems such as GreenSeeker) used on this field for—**

   a. fertilization or liming?

   (i) **If YES, ask—** Did you use a variable rate applicator for—

   (1) nitrogen applications?

   (2) phosphorus applications?

   (3) potash applications?

   (4) lime applications?

   (5) manure applications?

   b. seeding?

   c. pesticide applications?

   **CODE**
   
   1152

   1153

   1154

   1155

   1156

   1157

   1158

   1159
14. **Was a guidance or auto-steering system** *(connected to G.P.S.)* used with any machine operation on this field *(e.g. light bar, assisted steering, automatic steering, etc. – exclude custom operations)*? ................................. YES = 1
1. How many acres in this field were irrigated for the 2006 soybean crop?
   [If none, go to Section H.]

<table>
<thead>
<tr>
<th>UNIT</th>
<th>SYSTEM 1</th>
<th>SYSTEM 2</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. Now, I have some questions about irrigation systems and water used on this field for the 2006 soybean crop.

   a. What type(s) of irrigation system(s) was used to irrigate this field?
      [Show System Type Codes in the Respondent Booklet. Enter System Type Code for up to two systems covering the most field acres.]

   b. What was the total quantity of water applied to this field during the entire growing season?
      [Include ALL water used from both on-farm and off-farm sources.]

   c. What percent of the water used to irrigate this field came from surface water sources?

   d. What was the number of times this field was irrigated during the soybean growing season using this system?
      [Include any pre-plant irrigation.]

   e. Was the pump type---
      [Enter code for most common pump type.]
      (If more than one pump in the system, enter type for pump closest to water source.)

   f. What was the average pumping rate?

   g. If item 2a = code 1-9 (PRESSURE SYSTEM), ask---
      What was the system operating pressure?

   h. What was the primary motor type used to pump the water?

   i. What was the average motor size?

   j. If NO PUMP was used (item e = 99), ask---
      What was the average flow rate?

   k. How many other acres on this operation were irrigated using this field’s irrigation system during the 2006 growing season?
      (Exclude this field.)

3. What was the cost of the fuel or electricity used to irrigate this field?

<table>
<thead>
<tr>
<th>DOLLARS &amp; CENTS PER ACRE</th>
<th>OR</th>
<th>TOTAL DOLLARS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1189</td>
<td></td>
<td>1190</td>
</tr>
</tbody>
</table>
4. **Was any water purchased to irrigate this field?**  
   *(Include landlord's share and purchases from all sources.)*

   □ YES - [Enter code 1 and continue.] □ NO - [Go to item 7.]

   **CODE**
   - Yes: 1191
   - No: 1192

   **PERCENT**
   - [Enter percentage here]

   a. What percent of the water used on this field was purchased?

   **DOLLARS & CENTS PER ACRE OR TOTAL DOLLARS**
   - [Enter total cost here]

   b. What was the total cost for the water purchased for this field during the 2006 growing season?  
   *(Include landlord and contractor costs and ditch maintenance costs.)*

   **TOTAL DOLLARS**
   - [Enter total cost here]

7. **If Siphon Tubes were used (item 2a = 10 or 11), ask---**

   What would be the total cost to replace all the siphon tubes used on this field?

   **TOTAL DOLLARS**
   - [Enter total cost here]

8. **If Poly Pipe system were used (item 2a = 14) ask---**

   What was the total amount spent for poly pipe used on this field during the 2006 growing season?

   **TOTAL DOLLARS**
   - [Enter total cost here]

9. **If Gated Pipe system were used (item 2a = 15 or 16), ask---**

   a. What was the average diameter of gated pipe used to irrigate this field?

   **INCHES**
   - [Enter diameter here]

   b. What was the total length of gated pipe used?

   **FEET**
   - [Enter length here]
10. **Were wells used to supply irrigation water for this field?**

   - **YES** - [Enter code 1 and continue.]
   - **NO** - [Go to item 11.]

   a. How many wells were used to irrigate this field?

   b. What was the average diameter of the outer well casing?

   c. What was the average pumping depth of these wells during the irrigation season?
      
      *Pumping depth is the depth to water at the start of the irrigation season, plus an average decline in the water level caused by pumping during the irrigation season.*

   d. Did this well(s) have a water meter or other flow measurement device?
      
      - **YES** = 1

   e. Were other fields irrigated using water pumped from well(s) that supplied water to the selected field?

      - **YES** - [Enter code 1 and continue.]
      - **NO** - [Go to item 11.]

   (i) Excluding this field, how many other acres on this operation were irrigated using the same well(s) during the 2006 growing season?

11. **Other than pipe that is part of the system, was any additional mainline or lateral pipe used to carry water from the source to this field?**

    *(Include underground pipe.)*

    - **YES** - [Continue.]
    - **NO** - [Go to item 12.]

    a. What was the average diameter *(in inches)* of the most common type of this additional pipe used?

    b. How many feet of this additional pipe were used to bring water to this field?

12. **Is the run-off from this field---**

    - **RUN-OFF CODES**
    - 1 retained at the end of the field?
    - 2 reused to irrigate on the farm?
    - 3 collected in evaporation ponds on the farm?
    - 4 drained from the farm?
    - 5 there is no run-off.
1. **In response to high fuel prices during the 2006 crop year for soybeans, did you:**

   a. reduce the number of field operations such as tillage, cultivation, or nutrient and pesticide applications? *(i.e., compared to what you would have otherwise done on this field)*?  
   
   **CODE**
   
   YES = 1
   
   **1220**

   b. leave the crop in the field to dry longer than you would have otherwise done on this field?  
   
   **YES = 1**
   
   **1221**

   c. reduce the amount of irrigation water *(i.e., compared to what you would have otherwise applied on this field)*?  
   
   **YES = 1**
   
   **1222**

   d. change other production practices on this field in response to high fuel prices? *(If yes, specify ______________________)*  
   
   **YES = 1**
   
   **1223**

2. **In response to high fertilizer prices during the 2006 crop year for soybeans, did you:**

   a. reduce the application rate of commercial nitrogen fertilizer? *(i.e., compared to what you would have otherwise applied on this field)*?  
   
   **YES = 1**
   
   **1224**

   [If YES, ask---]  

   (i) by what percent did you reduce the amount of commercial nitrogen fertilizer for 2006?  
   
   **PERCENT**
   
   **1225**

   b. change the type of commercial nitrogen fertilizer products applied *(i.e., compared to what you would have otherwise applied on this field)*?  
   
   [e.g. less anhydrous ammonia and more UAN]  
   
   **YES = 1**
   
   **1226**

   c. increase the application rate of manure or other organic fertilizers *(i.e., compared to what you would have otherwise applied on this field)*?  
   
   **YES = 1**
   
   **1227**

   d. manage fertilizer more closely, with such practices as soil testing, split applications, variable rate applications, or soil incorporation *(i.e., compared to what you would have otherwise done on this field)*?  
   
   **YES = 1**
   
   **1228**
LOCATION OF SELECTED FIELD

1. I need to locate the selected field of soybeans on this map.

   What county/parish is the soybean field in?  
   Field description:  

   FOR STATES WITH GPS UNITS ONLY

   Field location:  

   LATITUDE  
   LONGITUDE  

   N  
   W  

   2. [ENUMERATOR ACTION:  
      Mark map to indicate where the selected soybean field is located.  
      Be sure the “X” marked on map is in the county/parish identified above.]

   3. We will need additional information to complete this study. We will contact you in February or March, 2007, to collect it. I'll call you then to set up a time that is good for you.

   4. Would you like to receive a copy of the results of this survey in the mail?  
   (Results will also be available on the Internet at http://www.nass.usda.gov/ & http://www.ers.usda.gov/).  
   YES = 1  

   5. ENDING TIME [MILITARY].  

   RECORDS USE

   6. [Did respondent use farm/ranch records to report---]  
      a. [fertilizer data?]  
      b. [pesticide data?]  
      c. [majority of this expense data?]  

   SUPPLEMENTS USED

   7. [Record the total number of each type of supplement used to complete this interview.]

   Reported by:  
   Telephone:  

   Response  | Respondent  | Mode  | Enum  | Eval.  | Date  | Optional  | Optional
  -----------|-------------|-------|-------|--------|-------|-----------|----------
   1-Comp    | 9901        | 1-Op/Mgr | 2-Tel | 9903   | 0098  | 0100      | 9910  
   2-R       | 9902        | 2-Sp   | 3-Face-to-Face | 9910 |       |           |         
   3-Inac    |             | 3-Acct/Bkpr | 4-Partner | 9910 | 0002  | 0003 | 0006

S/E Name