

Section A. Type of Operation and Land Area

Please refer to the **2007 GROWING SEASON** when answering the following questions.

1. In 2007, did this operation produce or grow field crops, hay, improved pasture, vegetables, fruits, nursery products or sod? (C101)

EXCLUDE: greenhouses, mushroom barns and Christmas trees.

Yes 01
↓

No 03 Go to Q21, last page.

2. a) In the 2007 growing season, did this operation use or apply water for irrigation or watering crops? (C201)

Yes 01

No 03

2. b) In the 2007 growing season, did this operation use or apply water for increasing soil moisture content e.g., pre-planting or post harvest? (C202)

Yes 01

No 03

2. c) In the 2007 growing season, did this operation use or apply water for any of the following activities?

(Mark all that apply)

(C203) Spraying fungicide, herbicide, insecticide or fertilizer

(C204) Cleaning farm buildings or equipment

(C205) Reducing salinity of the soil (leaching)

(C206) Cooling of produce (e.g. broccoli)

(C207) Frost protection

(C208) Harvesting (e.g. cranberries)

(C209) Processing and packaging (e.g., washing vegetables)

(C210) Watering livestock

(C211) Other (specify) (C212) _____

If answers to Q2a and 2b are both No, then go to Q12, page 29.

Section B. Cropland and Irrigation in 2007

The next questions are about land area operated in the **2007 GROWING SEASON**.

3. Will you be reporting land area in acres or hectares (or arpents)? (C301)

Acres

Hectares

Arpents (Quebec only)

4. In the 2007 growing season, what was the total area of cropland and improved pasture of this operation?

Include:

- all land, producing and non-producing, used for fruits, vegetables, field crops, nursery products, sod, hay and improved pasture land rented or leased **FROM OTHERS**
- irrigated and non-irrigated land

Exclude:

- land owned and rented or leased **TO OTHERS**
- summerfallow

(C401) total area of cropland and pasture (producing and non-producing)

5. Which of the following crop types did you produce or grow on this operation (in the 2007 growing season)?

(Mark all that apply)

(C501) Field crops

(C502) Fruits

(C503) Vegetables

(C504) Nursery products

(C505) Sod

(C506) Hay

(C507) Improved pasture

FOR INFORMATION ONLY

The following questions are about the crop area, yield and irrigation methods used on this operation in the 2007 growing season.
Include irrigated and non-irrigated land for total area of crops and yield reported.

Enter up to six crops in the table below. First enter those crops that are irrigated (order them from those that require the most water to those that require the least) followed by the crops with the largest land area.

	Crop 1	Crop 2	Crop 3
Crop Name			
6. What crops did you produce or grow on this operation (in the 2007 growing season)? Include producing and non-producing crops.	(C601)	(C602)	(C603)
7.a What was the total area of the crop? acres/hectares (or arpents Quebec)	(C701)	(C745)	(C789)
7.b How will you report average yield of the crop? Yield 1 Mark only one (per crop). Exclude improved pasture.	<p>acre / hectare / arpent (C702)</p> <p>01 <input type="radio"/> Bushels</p> <p>02 <input type="radio"/> Kilograms</p> <p>03 <input type="radio"/> Metric Tonnes</p> <p>04 <input type="radio"/> Imperial Tons</p> <p>05 <input type="radio"/> Pounds</p> <p>06 <input type="radio"/> Hundred Weight</p> <p>07 <input type="radio"/> Pints</p> <p>08 <input type="radio"/> Quarts</p> <p>09 <input type="radio"/> Masters or baskets (about 20 lbs)</p> <p>10 <input type="radio"/> Square feet</p> <p>11 <input type="radio"/> Square metres</p> <p>12 <input type="radio"/> Other (specify) (C703) _____</p> <p>13 <input type="radio"/> Not applicable (no yield) If Not applicable, go to Q7d for the crop</p>	<p>acre / hectare / arpent (C746)</p> <p>01 <input type="radio"/> Bushels</p> <p>02 <input type="radio"/> Kilograms</p> <p>03 <input type="radio"/> Metric Tonnes</p> <p>04 <input type="radio"/> Imperial Tons</p> <p>05 <input type="radio"/> Pounds</p> <p>06 <input type="radio"/> Hundred Weight</p> <p>07 <input type="radio"/> Pints</p> <p>08 <input type="radio"/> Quarts</p> <p>09 <input type="radio"/> Masters or baskets (about 20 lbs)</p> <p>10 <input type="radio"/> Square feet</p> <p>11 <input type="radio"/> Square metres</p> <p>12 <input type="radio"/> Other (specify) (C747) _____</p> <p>13 <input type="radio"/> Not applicable (no yield) If Not applicable, go to Q7d for the crop</p>	<p>acre / hectare / arpent (C790)</p> <p>01 <input type="radio"/> Bushels</p> <p>02 <input type="radio"/> Kilograms</p> <p>03 <input type="radio"/> Metric Tonnes</p> <p>04 <input type="radio"/> Imperial Tons</p> <p>05 <input type="radio"/> Pounds</p> <p>06 <input type="radio"/> Hundred Weight</p> <p>07 <input type="radio"/> Pints</p> <p>08 <input type="radio"/> Quarts</p> <p>09 <input type="radio"/> Masters or baskets (about 20 lbs)</p> <p>10 <input type="radio"/> Square feet</p> <p>11 <input type="radio"/> Square metres</p> <p>12 <input type="radio"/> Other (specify) (C791) _____</p> <p>13 <input type="radio"/> Not applicable (no yield) If Not applicable, go to Q7d for the crop</p>
7.c What was the average yield? Average Yield 1	(C704)	(C748)	(C792)
If you have a second yield how will you report average yield of the crop? Yield 2	<p>acre / hectare / arpent (C705)</p> <p>01 <input type="radio"/> Bushels</p> <p>02 <input type="radio"/> Kilograms</p> <p>03 <input type="radio"/> Metric Tonnes</p> <p>04 <input type="radio"/> Imperial Tons</p> <p>05 <input type="radio"/> Pounds</p> <p>06 <input type="radio"/> Hundred Weight</p> <p>07 <input type="radio"/> Pints</p> <p>08 <input type="radio"/> Quarts</p> <p>09 <input type="radio"/> Masters or baskets (about 20 lbs)</p> <p>10 <input type="radio"/> Square feet</p> <p>11 <input type="radio"/> Square metres</p> <p>12 <input type="radio"/> Other (specify) (C706) _____</p> <p>13 <input type="radio"/> Not applicable (no 2nd yield) If no second yield continue to Q7d.</p>	<p>acre / hectare / arpent (C749)</p> <p>01 <input type="radio"/> Bushels</p> <p>02 <input type="radio"/> Kilograms</p> <p>03 <input type="radio"/> Metric Tonnes</p> <p>04 <input type="radio"/> Imperial Tons</p> <p>05 <input type="radio"/> Pounds</p> <p>06 <input type="radio"/> Hundred Weight</p> <p>07 <input type="radio"/> Pints</p> <p>08 <input type="radio"/> Quarts</p> <p>09 <input type="radio"/> Masters or baskets (about 20 lbs)</p> <p>10 <input type="radio"/> Square feet</p> <p>11 <input type="radio"/> Square metres</p> <p>12 <input type="radio"/> Other (specify) (C750) _____</p> <p>13 <input type="radio"/> Not applicable (no 2nd yield) If no second yield continue to Q7d.</p>	<p>acre / hectare / arpent (C793)</p> <p>01 <input type="radio"/> Bushels</p> <p>02 <input type="radio"/> Kilograms</p> <p>03 <input type="radio"/> Metric Tonnes</p> <p>04 <input type="radio"/> Imperial Tons</p> <p>05 <input type="radio"/> Pounds</p> <p>06 <input type="radio"/> Hundred Weight</p> <p>07 <input type="radio"/> Pints</p> <p>08 <input type="radio"/> Quarts</p> <p>09 <input type="radio"/> Masters or baskets (about 20 lbs)</p> <p>10 <input type="radio"/> Square feet</p> <p>11 <input type="radio"/> Square metres</p> <p>12 <input type="radio"/> Other (specify) (C794) _____</p> <p>13 <input type="radio"/> Not applicable (no 2nd yield) If no second yield continue to Q7d.</p>
What was the average yield? Average Yield 2	(C707)	(C751)	(C795)

The following questions are about the crop area, yield and irrigation methods used on this operation in the 2007 growing season.
Include irrigated and non-irrigated land for total area of crops and yield reported.

Enter up to six crops in the table below. First enter those crops that are irrigated (order them from those that require the most water to those that require the least) followed by the crops with the largest land area.

	Crop 4	Crop 5	Crop 6
Crop Name			
6. What crops did you produce or grow on this operation (in the 2007 growing season)? Include producing and non-producing crops.	(C604)	(C605)	(C606)
7.a What was the total area of the crop? acres/hectares (or arpents Quebec)	(C7133)	(C7177)	(C7221)
7.b How will you report average yield of the crop? Yield 1 Mark only one (per crop). Exclude improved pasture.	<p>acre / hectare / arpent (C7134)</p> <p>01 <input type="radio"/> Bushels</p> <p>02 <input type="radio"/> Kilograms</p> <p>03 <input type="radio"/> Metric Tonnes</p> <p>04 <input type="radio"/> Imperial Tons</p> <p>05 <input type="radio"/> Pounds</p> <p>06 <input type="radio"/> Hundred Weight</p> <p>07 <input type="radio"/> Pints</p> <p>08 <input type="radio"/> Quarts</p> <p>09 <input type="radio"/> Masters or baskets (about 20 lbs)</p> <p>10 <input type="radio"/> Square feet</p> <p>11 <input type="radio"/> Square metres</p> <p>12 <input type="radio"/> Other (specify) (C7135) _____</p> <p>13 <input type="radio"/> Not applicable (no yield) If Not applicable, go to Q7d for the crop</p>	<p>acre / hectare / arpent (C7178)</p> <p>01 <input type="radio"/> Bushels</p> <p>02 <input type="radio"/> Kilograms</p> <p>03 <input type="radio"/> Metric Tonnes</p> <p>04 <input type="radio"/> Imperial Tons</p> <p>05 <input type="radio"/> Pounds</p> <p>06 <input type="radio"/> Hundred Weight</p> <p>07 <input type="radio"/> Pints</p> <p>08 <input type="radio"/> Quarts</p> <p>09 <input type="radio"/> Masters or baskets (about 20 lbs)</p> <p>10 <input type="radio"/> Square feet</p> <p>11 <input type="radio"/> Square metres</p> <p>12 <input type="radio"/> Other (specify) (C7179) _____</p> <p>13 <input type="radio"/> Not applicable (no yield) If Not applicable, go to Q7d for the crop</p>	<p>acre / hectare / arpent (C7222)</p> <p>01 <input type="radio"/> Bushels</p> <p>02 <input type="radio"/> Kilograms</p> <p>03 <input type="radio"/> Metric Tonnes</p> <p>04 <input type="radio"/> Imperial Tons</p> <p>05 <input type="radio"/> Pounds</p> <p>06 <input type="radio"/> Hundred Weight</p> <p>07 <input type="radio"/> Pints</p> <p>08 <input type="radio"/> Quarts</p> <p>09 <input type="radio"/> Masters or baskets (about 20 lbs)</p> <p>10 <input type="radio"/> Square feet</p> <p>11 <input type="radio"/> Square metres</p> <p>12 <input type="radio"/> Other (specify) (C7223) _____</p> <p>13 <input type="radio"/> Not applicable (no yield) If Not applicable, go to Q7d for the crop</p>
7.c What was the average yield? Average Yield 1	(C7136)	(C7180)	(C7224)
If you have a second yield how will you report average yield of the crop? Yield 2	<p>acre / hectare / arpent (C7177)</p> <p>01 <input type="radio"/> Bushels</p> <p>02 <input type="radio"/> Kilograms</p> <p>03 <input type="radio"/> Metric Tonnes</p> <p>04 <input type="radio"/> Imperial Tons</p> <p>05 <input type="radio"/> Pounds</p> <p>06 <input type="radio"/> Hundred Weight</p> <p>07 <input type="radio"/> Pints</p> <p>08 <input type="radio"/> Quarts</p> <p>09 <input type="radio"/> Masters or baskets (about 20 lbs)</p> <p>10 <input type="radio"/> Square feet</p> <p>11 <input type="radio"/> Square metres</p> <p>12 <input type="radio"/> Other (specify) (C7138) _____</p> <p>13 <input type="radio"/> Not applicable (no 2nd yield) If no second yield continue to Q7d.</p>	<p>acre / hectare / arpent (C7181)</p> <p>01 <input type="radio"/> Bushels</p> <p>02 <input type="radio"/> Kilograms</p> <p>03 <input type="radio"/> Metric Tonnes</p> <p>04 <input type="radio"/> Imperial Tons</p> <p>05 <input type="radio"/> Pounds</p> <p>06 <input type="radio"/> Hundred Weight</p> <p>07 <input type="radio"/> Pints</p> <p>08 <input type="radio"/> Quarts</p> <p>09 <input type="radio"/> Masters or baskets (about 20 lbs)</p> <p>10 <input type="radio"/> Square feet</p> <p>11 <input type="radio"/> Square metres</p> <p>12 <input type="radio"/> Other (specify) (C7182) _____</p> <p>13 <input type="radio"/> Not applicable (no 2nd yield) If no second yield continue to Q7d.</p>	<p>acre / hectare / arpent (C7225)</p> <p>01 <input type="radio"/> Bushels</p> <p>02 <input type="radio"/> Kilograms</p> <p>03 <input type="radio"/> Metric Tonnes</p> <p>04 <input type="radio"/> Imperial Tons</p> <p>05 <input type="radio"/> Pounds</p> <p>06 <input type="radio"/> Hundred Weight</p> <p>07 <input type="radio"/> Pints</p> <p>08 <input type="radio"/> Quarts</p> <p>09 <input type="radio"/> Masters or baskets (about 20 lbs)</p> <p>10 <input type="radio"/> Square feet</p> <p>11 <input type="radio"/> Square metres</p> <p>12 <input type="radio"/> Other (specify) (C7226) _____</p> <p>13 <input type="radio"/> Not applicable (no 2nd yield) If no second yield continue to Q7d.</p>
What was the average yield? Average Yield 2	(C7139)	(C7183)	(C7227)

Enter crops from pages 4 and 5 (crop 1 to crop 6). Include water used to increase soil moisture content e.g., pre-planting or post harvest.

	Crop 1	Crop 2	Crop 3
Crop Name			
7.d Was/were the crop(s) irrigated in 2007?	01 <input type="radio"/> Yes (C708) 03 <input type="radio"/> No	01 <input type="radio"/> Yes (C752) 03 <input type="radio"/> No	01 <input type="radio"/> Yes (C796) 03 <input type="radio"/> No

If the crop was not irrigated, go to next crop. If no more crops irrigated, go to page 24.

The following questions (7e to 7m) are asked for up to three irrigation methods per crop. The questions are asked for the first method, then repeated for the second then third methods.

7.e What was the first method of irrigation used for the crop?	(C709)	(C753)	(C797)
	Sprinkler 01 <input type="radio"/> Hand Move 02 <input type="radio"/> Solid or Permanent Set 03 <input type="radio"/> Side Roll, Wheel Line, Wheel Move or Wheel Roll 04 <input type="radio"/> Traveler, Volume Gun, Travelling Gun, Walker, Overhead or Circler 05 <input type="radio"/> Linear move < 25 psi 06 <input type="radio"/> Linear move 25 - 50 psi 07 <input type="radio"/> Linear move >50 psi 08 <input type="radio"/> Centre pivot < 25 psi 09 <input type="radio"/> Centre Pivot 25 - 50 psi 10 <input type="radio"/> Centre Pivot >50 psi Micro 20 <input type="radio"/> Surface drip 21 <input type="radio"/> Sub-surface Drip 22 <input type="radio"/> Micro-sprinkler 23 <input type="radio"/> Bubblers 24 <input type="radio"/> Microjet 25 <input type="radio"/> Hand watering Surface 30 <input type="radio"/> Down rows 31 <input type="radio"/> Furrows 32 <input type="radio"/> Corrugations 33 <input type="radio"/> Border dyke 34 <input type="radio"/> Level basins 35 <input type="radio"/> Uncontrolled flooding (wild flooding) 36 <input type="radio"/> Back flooding 40 <input type="radio"/> Other method (specify) (C710) _____ _____	Sprinkler 01 <input type="radio"/> Hand Move 02 <input type="radio"/> Solid or Permanent Set 03 <input type="radio"/> Side Roll, Wheel Line, Wheel Move or Wheel Roll 04 <input type="radio"/> Traveler, Volume Gun, Travelling Gun, Walker, Overhead or Circler 05 <input type="radio"/> Linear move < 25 psi 06 <input type="radio"/> Linear move 25 - 50 psi 07 <input type="radio"/> Linear move >50 psi 08 <input type="radio"/> Centre pivot < 25 psi 09 <input type="radio"/> Centre Pivot 25 - 50 psi 10 <input type="radio"/> Centre Pivot >50 psi Micro 20 <input type="radio"/> Surface drip 21 <input type="radio"/> Sub-surface Drip 22 <input type="radio"/> Micro-sprinkler 23 <input type="radio"/> Bubblers 24 <input type="radio"/> Microjet 25 <input type="radio"/> Hand watering Surface 30 <input type="radio"/> Down rows 31 <input type="radio"/> Furrows 32 <input type="radio"/> Corrugations 33 <input type="radio"/> Border dyke 34 <input type="radio"/> Level basins 35 <input type="radio"/> Uncontrolled flooding (wild flooding) 36 <input type="radio"/> Back flooding 40 <input type="radio"/> Other method (specify) (C754) _____ _____	Sprinkler 01 <input type="radio"/> Hand Move 02 <input type="radio"/> Solid or Permanent Set 03 <input type="radio"/> Side Roll, Wheel Line, Wheel Move or Wheel Roll 04 <input type="radio"/> Traveler, Volume Gun, Travelling Gun, Walker, Overhead or Circler 05 <input type="radio"/> Linear move < 25 psi 06 <input type="radio"/> Linear move 25 - 50 psi 07 <input type="radio"/> Linear move >50 psi 08 <input type="radio"/> Centre pivot < 25 psi 09 <input type="radio"/> Centre Pivot 25 - 50 psi 10 <input type="radio"/> Centre Pivot >50 psi Micro 20 <input type="radio"/> Surface drip 21 <input type="radio"/> Sub-surface Drip 22 <input type="radio"/> Micro-sprinkler 23 <input type="radio"/> Bubblers 24 <input type="radio"/> Microjet 25 <input type="radio"/> Hand watering Surface 30 <input type="radio"/> Down rows 31 <input type="radio"/> Furrows 32 <input type="radio"/> Corrugations 33 <input type="radio"/> Border dyke 34 <input type="radio"/> Level basins 35 <input type="radio"/> Uncontrolled flooding (wild flooding) 36 <input type="radio"/> Back flooding 40 <input type="radio"/> Other method (specify) (C798) _____ _____
7.f What was the total area of the crop irrigated with the first irrigation method?	(C711)	(C755)	(C799)

Enter crops from pages 4 and 5 (crop 1 to crop 6). Include water used to increase soil moisture content e.g., pre-planting or post harvest.

	Crop 4	Crop 5	Crop 6
Crop Name			
7.d Was/were the crop(s) irrigated in 2007?	01 <input type="radio"/> Yes (C7140) 03 <input type="radio"/> No	01 <input type="radio"/> Yes (C7184) 03 <input type="radio"/> No	01 <input type="radio"/> Yes (C7228) 03 <input type="radio"/> No

If the crop was not irrigated, go to next crop. If no more crops irrigated, go to page 24.

The following questions (7e to 7m) are asked for up to three irrigation methods per crop. The questions are asked for the first method, then repeated for the second then third methods.

7.e What was the first method of irrigation used for the crop? Method 1 Mark only one (per crop).	(C7141) Sprinkler 01 <input type="radio"/> Hand Move 02 <input type="radio"/> Solid or Permanent Set 03 <input type="radio"/> Side Roll, Wheel Line, Wheel Move or Wheel Roll 04 <input type="radio"/> Traveler, Volume Gun, Travelling Gun, Walker, Overhead or Circler 05 <input type="radio"/> Linear move < 25 psi 06 <input type="radio"/> Linear move 25 - 50 psi 07 <input type="radio"/> Linear move >50 psi 08 <input type="radio"/> Centre pivot < 25 psi 09 <input type="radio"/> Centre Pivot 25 - 50 psi 10 <input type="radio"/> Centre Pivot >50 psi Micro 20 <input type="radio"/> Surface drip 21 <input type="radio"/> Sub-surface Drip 22 <input type="radio"/> Micro-sprinkler 23 <input type="radio"/> Bubblers 24 <input type="radio"/> Microjet 25 <input type="radio"/> Hand watering Surface 30 <input type="radio"/> Down rows 31 <input type="radio"/> Furrows 32 <input type="radio"/> Corrugations 33 <input type="radio"/> Border dyke 34 <input type="radio"/> Level basins 35 <input type="radio"/> Uncontrolled flooding (wild flooding) 36 <input type="radio"/> Back flooding 40 <input type="radio"/> Other method (specify) (C7142) _____ _____	(C7185) Sprinkler 01 <input type="radio"/> Hand Move 02 <input type="radio"/> Solid or Permanent Set 03 <input type="radio"/> Side Roll, Wheel Line, Wheel Move or Wheel Roll 04 <input type="radio"/> Traveler, Volume Gun, Travelling Gun, Walker, Overhead or Circler 05 <input type="radio"/> Linear move < 25 psi 06 <input type="radio"/> Linear move 25 - 50 psi 07 <input type="radio"/> Linear move >50 psi 08 <input type="radio"/> Centre pivot < 25 psi 09 <input type="radio"/> Centre Pivot 25 - 50 psi 10 <input type="radio"/> Centre Pivot >50 psi Micro 20 <input type="radio"/> Surface drip 21 <input type="radio"/> Sub-surface Drip 22 <input type="radio"/> Micro-sprinkler 23 <input type="radio"/> Bubblers 24 <input type="radio"/> Microjet 25 <input type="radio"/> Hand watering Surface 30 <input type="radio"/> Down rows 31 <input type="radio"/> Furrows 32 <input type="radio"/> Corrugations 33 <input type="radio"/> Border dyke 34 <input type="radio"/> Level basins 35 <input type="radio"/> Uncontrolled flooding (wild flooding) 36 <input type="radio"/> Back flooding 40 <input type="radio"/> Other method (specify) (C7186) _____ _____	(C7229) Sprinkler 01 <input type="radio"/> Hand Move 02 <input type="radio"/> Solid or Permanent Set 03 <input type="radio"/> Side Roll, Wheel Line, Wheel Move or Wheel Roll 04 <input type="radio"/> Traveler, Volume Gun, Travelling Gun, Walker, Overhead or Circler 05 <input type="radio"/> Linear move < 25 psi 06 <input type="radio"/> Linear move 25 - 50 psi 07 <input type="radio"/> Linear move >50 psi 08 <input type="radio"/> Centre pivot < 25 psi 09 <input type="radio"/> Centre Pivot 25 - 50 psi 10 <input type="radio"/> Centre Pivot >50 psi Micro 20 <input type="radio"/> Surface drip 21 <input type="radio"/> Sub-surface Drip 22 <input type="radio"/> Micro-sprinkler 23 <input type="radio"/> Bubblers 24 <input type="radio"/> Microjet 25 <input type="radio"/> Hand watering Surface 30 <input type="radio"/> Down rows 31 <input type="radio"/> Furrows 32 <input type="radio"/> Corrugations 33 <input type="radio"/> Border dyke 34 <input type="radio"/> Level basins 35 <input type="radio"/> Uncontrolled flooding (wild flooding) 36 <input type="radio"/> Back flooding 40 <input type="radio"/> Other method (specify) (C7230) _____ _____
	7.f What was the total area of the crop irrigated with the first irrigation method?	(C7143)	(C7187)

Enter crops from pages 4 and 5 (crop 1 to crop 6).

	Crop 1	Crop 2	Crop 3
Crop Name			
<p>7.g The next questions ask about volume (or flow rate) of water used (in the 2007 growing season).</p> <p>How will you report volume of water used: e.g., inches, gallons, litres for the crop?</p> <p>Method 1</p> <p>If the response is by Flow rate, Q7i will ask to specify per second, minute, hour or day.</p>	<p>(C712)</p> <p>Unit of water</p> <p>Water depth per surface area</p> <p>01 <input type="radio"/> Inches per acre</p> <p>02 <input type="radio"/> Millimetres per hectare</p> <p>OR</p> <p>Total volume</p> <p>03 <input type="radio"/> Total acre-feet</p> <p>04 <input type="radio"/> Total gallons</p> <p>05 <input type="radio"/> Total litres</p> <p>06 <input type="radio"/> Total cubic feet</p> <p>07 <input type="radio"/> Total cubic metres</p> <p>OR</p> <p>Volume per surface area</p> <p>08 <input type="radio"/> Acre-feet per acre</p> <p>09 <input type="radio"/> Gallons per acre</p> <p>10 <input type="radio"/> Litres per hectare</p> <p>11 <input type="radio"/> Cubic feet per acre</p> <p>12 <input type="radio"/> Cubic metres per hectare</p> <p>14 <input type="radio"/> Other Volume, specify (C713)</p> <p>_____</p> <p>OR</p> <p>Flow rate</p> <p>20 <input type="radio"/> Gallons (per unit of time)</p> <p>21 <input type="radio"/> Litres (per unit of time)</p> <p>22 <input type="radio"/> Cubic feet (per unit of time)</p> <p>23 <input type="radio"/> Cubic metres (per unit of time)</p> <p>24 <input type="radio"/> Pounds (per unit of time)</p> <p>26 <input type="radio"/> Other Flow Rate (per unit of time), specify</p> <p>(C714) _____</p>	<p>(C756)</p> <p>Unit of water</p> <p>Water depth per surface area</p> <p>01 <input type="radio"/> Inches per acre</p> <p>02 <input type="radio"/> Millimetres per hectare</p> <p>OR</p> <p>Total volume</p> <p>03 <input type="radio"/> Total acre-feet</p> <p>04 <input type="radio"/> Total gallons</p> <p>05 <input type="radio"/> Total litres</p> <p>06 <input type="radio"/> Total cubic feet</p> <p>07 <input type="radio"/> Total cubic metres</p> <p>OR</p> <p>Volume per surface area</p> <p>08 <input type="radio"/> Acre-feet per acre</p> <p>09 <input type="radio"/> Gallons per acre</p> <p>10 <input type="radio"/> Litres per hectare</p> <p>11 <input type="radio"/> Cubic feet per acre</p> <p>12 <input type="radio"/> Cubic metres per hectare</p> <p>14 <input type="radio"/> Other Volume, specify (C757)</p> <p>_____</p> <p>OR</p> <p>Flow rate</p> <p>20 <input type="radio"/> Gallons (per unit of time)</p> <p>21 <input type="radio"/> Litres (per unit of time)</p> <p>22 <input type="radio"/> Cubic feet (per unit of time)</p> <p>23 <input type="radio"/> Cubic metres (per unit of time)</p> <p>24 <input type="radio"/> Pounds (per unit of time)</p> <p>26 <input type="radio"/> Other Flow Rate (per unit of time), specify</p> <p>(C758) _____</p>	<p>(C7100)</p> <p>Unit of water</p> <p>Water depth per surface area</p> <p>01 <input type="radio"/> Inches per acre</p> <p>02 <input type="radio"/> Millimetres per hectare</p> <p>OR</p> <p>Total volume</p> <p>03 <input type="radio"/> Total acre-feet</p> <p>04 <input type="radio"/> Total gallons</p> <p>05 <input type="radio"/> Total litres</p> <p>06 <input type="radio"/> Total cubic feet</p> <p>07 <input type="radio"/> Total cubic metres</p> <p>OR</p> <p>Volume per surface area</p> <p>08 <input type="radio"/> Acre-feet per acre</p> <p>09 <input type="radio"/> Gallons per acre</p> <p>10 <input type="radio"/> Litres per hectare</p> <p>11 <input type="radio"/> Cubic feet per acre</p> <p>12 <input type="radio"/> Cubic metres per hectare</p> <p>14 <input type="radio"/> Other Volume, specify (C7101)</p> <p>_____</p> <p>OR</p> <p>Flow rate</p> <p>20 <input type="radio"/> Gallons (per unit of time)</p> <p>21 <input type="radio"/> Litres (per unit of time)</p> <p>22 <input type="radio"/> Cubic feet (per unit of time)</p> <p>23 <input type="radio"/> Cubic metres (per unit of time)</p> <p>24 <input type="radio"/> Pounds (per unit of time)</p> <p>26 <input type="radio"/> Other Flow Rate (per unit of time), specify</p> <p>(C7102) _____</p>
<p>7.h How many units (i.e., reported in Q7g) of water were applied on the crop using the first irrigation method?</p>	<p>(C715)</p>	<p>(C759)</p>	<p>(C7103)</p>

If possible please report flow rate at system nozzle. If not available, give rate at pump.

If any in 7g is answered by flow rate (20 to 26) then continue to 7i for that crop. If another irrigation method was used for a crop, continue to method 2 for that crop. If no more crop irrigation to report, go to Q8 (page 24).

Enter crops from pages 4 and 5 (crop 1 to crop 6).

	Crop 4	Crop 5	Crop 6
Crop Name			
<p>7.g The next questions ask about volume (or flow rate) of water used (in the 2007 growing season).</p> <p>How will you report volume of water used: e.g., inches, gallons, litres for the crop?</p> <p>Method 1</p> <p>If the response is by Flow rate, Q7i will ask to specify per second, minute, hour or day.</p>	<p>(C7144)</p> <p>Unit of water</p> <p>Water depth per surface area</p> <p>01 <input type="radio"/> Inches per acre</p> <p>02 <input type="radio"/> Millimetres per hectare</p> <p>OR</p> <p>Total volume</p> <p>03 <input type="radio"/> Total acre-feet</p> <p>04 <input type="radio"/> Total gallons</p> <p>05 <input type="radio"/> Total litres</p> <p>06 <input type="radio"/> Total cubic feet</p> <p>07 <input type="radio"/> Total cubic metres</p> <p>OR</p> <p>Volume per surface area</p> <p>08 <input type="radio"/> Acre-feet per acre</p> <p>09 <input type="radio"/> Gallons per acre</p> <p>10 <input type="radio"/> Litres per hectare</p> <p>11 <input type="radio"/> Cubic feet per acre</p> <p>12 <input type="radio"/> Cubic metres per hectare</p> <p>14 <input type="radio"/> Other Volume, specify (C7145)</p> <p>_____</p> <p>OR</p> <p>Flow rate</p> <p>20 <input type="radio"/> Gallons (per unit of time)</p> <p>21 <input type="radio"/> Litres (per unit of time)</p> <p>22 <input type="radio"/> Cubic feet (per unit of time)</p> <p>23 <input type="radio"/> Cubic metres (per unit of time)</p> <p>24 <input type="radio"/> Pounds (per unit of time)</p> <p>26 <input type="radio"/> Other Flow Rate (per unit of time), specify (C7146)</p> <p>_____</p>	<p>(C7188)</p> <p>Unit of water</p> <p>Water depth per surface area</p> <p>01 <input type="radio"/> Inches per acre</p> <p>02 <input type="radio"/> Millimetres per hectare</p> <p>OR</p> <p>Total volume</p> <p>03 <input type="radio"/> Total acre-feet</p> <p>04 <input type="radio"/> Total gallons</p> <p>05 <input type="radio"/> Total litres</p> <p>06 <input type="radio"/> Total cubic feet</p> <p>07 <input type="radio"/> Total cubic metres</p> <p>OR</p> <p>Volume per surface area</p> <p>08 <input type="radio"/> Acre-feet per acre</p> <p>09 <input type="radio"/> Gallons per acre</p> <p>10 <input type="radio"/> Litres per hectare</p> <p>11 <input type="radio"/> Cubic feet per acre</p> <p>12 <input type="radio"/> Cubic metres per hectare</p> <p>14 <input type="radio"/> Other Volume, specify (C7189)</p> <p>_____</p> <p>OR</p> <p>Flow rate</p> <p>20 <input type="radio"/> Gallons (per unit of time)</p> <p>21 <input type="radio"/> Litres (per unit of time)</p> <p>22 <input type="radio"/> Cubic feet (per unit of time)</p> <p>23 <input type="radio"/> Cubic metres (per unit of time)</p> <p>24 <input type="radio"/> Pounds (per unit of time)</p> <p>26 <input type="radio"/> Other Flow Rate (per unit of time, specify (C7190)</p> <p>_____</p>	<p>(C7232)</p> <p>Unit of water</p> <p>Water depth per surface area</p> <p>01 <input type="radio"/> Inches per acre</p> <p>02 <input type="radio"/> Millimetres per hectare</p> <p>OR</p> <p>Total volume</p> <p>03 <input type="radio"/> Total acre-feet</p> <p>04 <input type="radio"/> Total gallons</p> <p>05 <input type="radio"/> Total litres</p> <p>06 <input type="radio"/> Total cubic feet</p> <p>07 <input type="radio"/> Total cubic metres</p> <p>OR</p> <p>Volume per surface area</p> <p>08 <input type="radio"/> Acre-feet per acre</p> <p>09 <input type="radio"/> Gallons per acre</p> <p>10 <input type="radio"/> Litres per hectare</p> <p>11 <input type="radio"/> Cubic feet per acre</p> <p>12 <input type="radio"/> Cubic metres per hectare</p> <p>14 <input type="radio"/> Other Volume, specify (C7233)</p> <p>_____</p> <p>OR</p> <p>Flow rate</p> <p>20 <input type="radio"/> Gallons (per unit of time)</p> <p>21 <input type="radio"/> Litres (per unit of time)</p> <p>22 <input type="radio"/> Cubic feet (per unit of time)</p> <p>23 <input type="radio"/> Cubic metres (per unit of time)</p> <p>24 <input type="radio"/> Pounds (per unit of time)</p> <p>26 <input type="radio"/> Other Flow Rate (per unit of time, specify (C7234)</p> <p>_____</p>
<p>7.h How many units (i.e., reported in Q7g) of water were applied on the crop using the first irrigation method?</p>	<p>(C7147)</p>	<p>(C7191)</p>	<p>(C7235)</p>

If possible please report flow rate at system nozzle. If not available, give rate at pump.

If any in 7g is answered by flow rate (20 to 26) then continue to 7i for that crop. If another irrigation method was used for a crop, continue to method 2 for that crop. If no more crop irrigation to report, go to Q8 (page 24).

Enter crops from pages 4 and 5 (crop 1 to crop 6).

	Crop 1	Crop 2	Crop 3
Crop Name			
7.i Were the units applied per second, minute, hour or day? Method 1	(C716) 01 <input type="radio"/> Per second 02 <input type="radio"/> Per minute 03 <input type="radio"/> Per hour 04 <input type="radio"/> Per day	(C760) 01 <input type="radio"/> Per second 02 <input type="radio"/> Per minute 03 <input type="radio"/> Per hour 04 <input type="radio"/> Per day	(C7104) 01 <input type="radio"/> Per second 02 <input type="radio"/> Per minute 03 <input type="radio"/> Per hour 04 <input type="radio"/> Per day
7.j Was this at the system nozzle or pump? Method 1	(C717) 01 <input type="radio"/> System nozzle 03 <input type="radio"/> Pump	(C761) 01 <input type="radio"/> System nozzle 03 <input type="radio"/> Pump	(C7105) 01 <input type="radio"/> System nozzle 03 <input type="radio"/> Pump
7.k What was the total number of days or weeks that this system ran? Method 1	(C718) <div style="border: 1px solid black; width: 100px; height: 15px; margin: 5px auto;"></div> days or weeks	(C762) <div style="border: 1px solid black; width: 100px; height: 15px; margin: 5px auto;"></div> days or weeks	(C7106) <div style="border: 1px solid black; width: 100px; height: 15px; margin: 5px auto;"></div> days or weeks
7.l Was it days or weeks? Method 1	(C719) 01 <input type="radio"/> Days 03 <input type="radio"/> Weeks	(C763) 01 <input type="radio"/> Days 03 <input type="radio"/> Weeks	(C7107) 01 <input type="radio"/> Days 03 <input type="radio"/> Weeks
7.m What was the total number of hours (per day/week) that this system ran? Method 1	(C720) <div style="border: 1px solid black; width: 100px; height: 15px; margin: 5px auto;"></div> hours	(C764) <div style="border: 1px solid black; width: 100px; height: 15px; margin: 5px auto;"></div> hours	(C7108) <div style="border: 1px solid black; width: 100px; height: 15px; margin: 5px auto;"></div> hours

If another irrigation method was used for a crop, continue to method 2 for that crop. If no more crop irrigation to report, go to Q8 (page 24).

Enter crops from pages 4 and 5 (crop 1 to crop 6).

Crop Name	Crop 4	Crop 5	Crop 6
7.i Were the units applied per second, minute, hour or day? Method 1	(C7148) 01 <input type="radio"/> Per second 02 <input type="radio"/> Per minute 03 <input type="radio"/> Per hour 04 <input type="radio"/> Per day	(C7192) 01 <input type="radio"/> Per second 02 <input type="radio"/> Per minute 03 <input type="radio"/> Per hour 04 <input type="radio"/> Per day	(C7236) 01 <input type="radio"/> Per second 02 <input type="radio"/> Per minute 03 <input type="radio"/> Per hour 04 <input type="radio"/> Per day
7.j Was this at the system nozzle or pump? Method 1	(C7149) 01 <input type="radio"/> System nozzle 03 <input type="radio"/> Pump	(C7193) 01 <input type="radio"/> System nozzle 03 <input type="radio"/> Pump	(C7237) 01 <input type="radio"/> System nozzle 03 <input type="radio"/> Pump
7.k What was the total number of days or weeks that this system ran? Method 1	(C7150) <div style="border: 1px solid black; width: 100px; height: 15px; margin: 5px auto;"></div> days or weeks	(C7194) <div style="border: 1px solid black; width: 100px; height: 15px; margin: 5px auto;"></div> days or weeks	(C7238) <div style="border: 1px solid black; width: 100px; height: 15px; margin: 5px auto;"></div> days or weeks
7.l Was it days or weeks? Method 1	(C7151) 01 <input type="radio"/> Days 03 <input type="radio"/> Weeks	(C7195) 01 <input type="radio"/> Days 03 <input type="radio"/> Weeks	(C7239) 01 <input type="radio"/> Days 03 <input type="radio"/> Weeks
7.m What was the total number of hours (per day/week) that this system ran? Method 1	(C7152) <div style="border: 1px solid black; width: 100px; height: 15px; margin: 5px auto;"></div> hours	(C7196) <div style="border: 1px solid black; width: 100px; height: 15px; margin: 5px auto;"></div> hours	(C7240) <div style="border: 1px solid black; width: 100px; height: 15px; margin: 5px auto;"></div> hours

If another irrigation method was used for a crop, continue to method 2 for that crop. If no more crop irrigation to report, go to Q8 (page 24).

Enter crops from pages 4 and 5 (crop 1 to crop 6). Include water used to increase soil moisture content e.g., pre-planting or post harvest.

	Crop 1	Crop 2	Crop 3
<p>7.e What was the second method of irrigation used for the crop?</p> <p>Method 2</p> <p>Mark only one (per crop).</p>	<p>(C721)</p> <p>Sprinkler</p> <p>01 <input type="radio"/> Hand Move</p> <p>02 <input type="radio"/> Solid or Permanent Set</p> <p>03 <input type="radio"/> Side Roll, Wheel Line, Wheel Move or Wheel Roll</p> <p>04 <input type="radio"/> Traveler, Volume Gun, Travelling Gun, Walker, Overhead or Circler</p> <p>05 <input type="radio"/> Linear move < 25 psi</p> <p>06 <input type="radio"/> Linear move 25 - 50 psi</p> <p>07 <input type="radio"/> Linear move >50 psi</p> <p>08 <input type="radio"/> Centre pivot < 25 psi</p> <p>09 <input type="radio"/> Centre Pivot 25 - 50 psi</p> <p>10 <input type="radio"/> Centre Pivot >50 psi</p> <p>Micro</p> <p>20 <input type="radio"/> Surface drip</p> <p>21 <input type="radio"/> Sub-surface Drip</p> <p>22 <input type="radio"/> Micro-sprinkler</p> <p>23 <input type="radio"/> Bubblers</p> <p>24 <input type="radio"/> Microjet</p> <p>25 <input type="radio"/> Hand watering</p> <p>Surface</p> <p>30 <input type="radio"/> Down rows</p> <p>31 <input type="radio"/> Furrows</p> <p>32 <input type="radio"/> Corrugations</p> <p>33 <input type="radio"/> Border dyke</p> <p>34 <input type="radio"/> Level basins</p> <p>35 <input type="radio"/> Uncontrolled flooding (wild flooding)</p> <p>36 <input type="radio"/> Back flooding</p> <p>40 <input type="radio"/> Other method (specify) <u>(C722)</u> _____</p>	<p>(C765)</p> <p>Sprinkler</p> <p>01 <input type="radio"/> Hand Move</p> <p>02 <input type="radio"/> Solid or Permanent Set</p> <p>03 <input type="radio"/> Side Roll, Wheel Line, Wheel Move or Wheel Roll</p> <p>04 <input type="radio"/> Traveler, Volume Gun, Travelling Gun, Walker, Overhead or Circler</p> <p>05 <input type="radio"/> Linear move < 25 psi</p> <p>06 <input type="radio"/> Linear move 25 - 50 psi</p> <p>07 <input type="radio"/> Linear move >50 psi</p> <p>08 <input type="radio"/> Centre pivot < 25 psi</p> <p>09 <input type="radio"/> Centre Pivot 25 - 50 psi</p> <p>10 <input type="radio"/> Centre Pivot >50 psi</p> <p>Micro</p> <p>20 <input type="radio"/> Surface drip</p> <p>21 <input type="radio"/> Sub-surface Drip</p> <p>22 <input type="radio"/> Micro-sprinkler</p> <p>23 <input type="radio"/> Bubblers</p> <p>24 <input type="radio"/> Microjet</p> <p>25 <input type="radio"/> Hand watering</p> <p>Surface</p> <p>30 <input type="radio"/> Down rows</p> <p>31 <input type="radio"/> Furrows</p> <p>32 <input type="radio"/> Corrugations</p> <p>33 <input type="radio"/> Border dyke</p> <p>34 <input type="radio"/> Level basins</p> <p>35 <input type="radio"/> Uncontrolled flooding (wild flooding)</p> <p>36 <input type="radio"/> Back flooding</p> <p>40 <input type="radio"/> Other method (specify) <u>(C766)</u> _____</p>	<p>(C7109)</p> <p>Sprinkler</p> <p>01 <input type="radio"/> Hand Move</p> <p>02 <input type="radio"/> Solid or Permanent Set</p> <p>03 <input type="radio"/> Side Roll, Wheel Line, Wheel Move or Wheel Roll</p> <p>04 <input type="radio"/> Traveler, Volume Gun, Travelling Gun, Walker, Overhead or Circler</p> <p>05 <input type="radio"/> Linear move < 25 psi</p> <p>06 <input type="radio"/> Linear move 25 - 50 psi</p> <p>07 <input type="radio"/> Linear move >50 psi</p> <p>08 <input type="radio"/> Centre pivot < 25 psi</p> <p>09 <input type="radio"/> Centre Pivot 25 - 50 psi</p> <p>10 <input type="radio"/> Centre Pivot >50 psi</p> <p>Micro</p> <p>20 <input type="radio"/> Surface drip</p> <p>21 <input type="radio"/> Sub-surface Drip</p> <p>22 <input type="radio"/> Micro-sprinkler</p> <p>23 <input type="radio"/> Bubblers</p> <p>24 <input type="radio"/> Microjet</p> <p>25 <input type="radio"/> Hand watering</p> <p>Surface</p> <p>30 <input type="radio"/> Down rows</p> <p>31 <input type="radio"/> Furrows</p> <p>32 <input type="radio"/> Corrugations</p> <p>33 <input type="radio"/> Border dyke</p> <p>34 <input type="radio"/> Level basins</p> <p>35 <input type="radio"/> Uncontrolled flooding (wild flooding)</p> <p>36 <input type="radio"/> Back flooding</p> <p>40 <input type="radio"/> Other method (specify) <u>(C7110)</u> _____</p>
<p>7.f What was the total area of the crop irrigated with the second irrigation method?</p>	<p>(C723)</p>	<p>(C767)</p>	<p>(C7111)</p>

Enter crops from pages 4 and 5 (crop 1 to crop 6). Include water used to increase soil moisture content e.g., pre-planting or post harvest.

Crop Name	Crop 4	Crop 5	Crop 6	
7.e What was the second method of irrigation used for the crop? Method 2 Mark only one (per crop).	(C7153) Sprinkler 01 <input type="radio"/> Hand Move 02 <input type="radio"/> Solid or Permanent Set 03 <input type="radio"/> Side Roll, Wheel Line, Wheel Move or Wheel Roll 04 <input type="radio"/> Traveler, Volume Gun, Travelling Gun, Walker, Overhead or Circler 05 <input type="radio"/> Linear move < 25 psi 06 <input type="radio"/> Linear move 25 - 50 psi 07 <input type="radio"/> Linear move >50 psi 08 <input type="radio"/> Centre pivot < 25 psi 09 <input type="radio"/> Centre Pivot 25 - 50 psi 10 <input type="radio"/> Centre Pivot >50 psi Micro 20 <input type="radio"/> Surface drip 21 <input type="radio"/> Sub-surface Drip 22 <input type="radio"/> Micro-sprinkler 23 <input type="radio"/> Bubblers 24 <input type="radio"/> Microjet 25 <input type="radio"/> Hand watering Surface 30 <input type="radio"/> Down rows 31 <input type="radio"/> Furrows 32 <input type="radio"/> Corrugations 33 <input type="radio"/> Border dyke 34 <input type="radio"/> Level basins 35 <input type="radio"/> Uncontrolled flooding (wild flooding) 36 <input type="radio"/> Back flooding 40 <input type="radio"/> Other method (specify) (C7154) _____ _____	(C7197) Sprinkler 01 <input type="radio"/> Hand Move 02 <input type="radio"/> Solid or Permanent Set 03 <input type="radio"/> Side Roll, Wheel Line, Wheel Move or Wheel Roll 04 <input type="radio"/> Traveler, Volume Gun, Travelling Gun, Walker, Overhead or Circler 05 <input type="radio"/> Linear move < 25 psi 06 <input type="radio"/> Linear move 25 - 50 psi 07 <input type="radio"/> Linear move >50 psi 08 <input type="radio"/> Centre pivot < 25 psi 09 <input type="radio"/> Centre Pivot 25 - 50 psi 10 <input type="radio"/> Centre Pivot >50 psi Micro 20 <input type="radio"/> Surface drip 21 <input type="radio"/> Sub-surface Drip 22 <input type="radio"/> Micro-sprinkler 23 <input type="radio"/> Bubblers 24 <input type="radio"/> Microjet 25 <input type="radio"/> Hand watering Surface 30 <input type="radio"/> Down rows 31 <input type="radio"/> Furrows 32 <input type="radio"/> Corrugations 33 <input type="radio"/> Border dyke 34 <input type="radio"/> Level basins 35 <input type="radio"/> Uncontrolled flooding (wild flooding) 36 <input type="radio"/> Back flooding 40 <input type="radio"/> Other method (specify) (C7198) _____ _____	(C7241) Sprinkler 01 <input type="radio"/> Hand Move 02 <input type="radio"/> Solid or Permanent Set 03 <input type="radio"/> Side Roll, Wheel Line, Wheel Move or Wheel Roll 04 <input type="radio"/> Traveler, Volume Gun, Travelling Gun, Walker, Overhead or Circler 05 <input type="radio"/> Linear move < 25 psi 06 <input type="radio"/> Linear move 25 - 50 psi 07 <input type="radio"/> Linear move >50 psi 08 <input type="radio"/> Centre pivot < 25 psi 09 <input type="radio"/> Centre Pivot 25 - 50 psi 10 <input type="radio"/> Centre Pivot >50 psi Micro 20 <input type="radio"/> Surface drip 21 <input type="radio"/> Sub-surface Drip 22 <input type="radio"/> Micro-sprinkler 23 <input type="radio"/> Bubblers 24 <input type="radio"/> Microjet 25 <input type="radio"/> Hand watering Surface 30 <input type="radio"/> Down rows 31 <input type="radio"/> Furrows 32 <input type="radio"/> Corrugations 33 <input type="radio"/> Border dyke 34 <input type="radio"/> Level basins 35 <input type="radio"/> Uncontrolled flooding (wild flooding) 36 <input type="radio"/> Back flooding 40 <input type="radio"/> Other method (specify) (C7242) _____ _____	
	7.f What was the total area of the crop irrigated with the second irrigation method?	(C7155)	(C7199)	(C7243)

Enter crops from pages 4 and 5 (crop 1 to crop 6).

	Crop 1	Crop 2	Crop 3	
Crop Name				
<p>7.g The next questions ask about volume (or flow rate) of water used (in the 2007 growing season).</p> <p>How will you report volume of water used: e.g., inches, gallons, litres for the crop?</p> <p>Method 2</p> <p>Mark only one (per crop).</p> <p>If the response is by Flow rate, Q7i will ask to specify per second, minute, hour or day.</p>	<p>(C724)</p> <p>Unit of water</p> <p>Water depth per surface area</p> <p>01 <input type="radio"/> Inches per acre</p> <p>02 <input type="radio"/> Millimetres per hectare</p> <p>OR</p> <p>Total volume</p> <p>03 <input type="radio"/> Total acre-feet</p> <p>04 <input type="radio"/> Total gallons</p> <p>05 <input type="radio"/> Total litres</p> <p>06 <input type="radio"/> Total cubic feet</p> <p>07 <input type="radio"/> Total cubic metres</p> <p>OR</p> <p>Volume per surface area</p> <p>08 <input type="radio"/> Acre-feet per acre</p> <p>09 <input type="radio"/> Gallons per acre</p> <p>10 <input type="radio"/> Litres per hectare</p> <p>11 <input type="radio"/> Cubic feet per acre</p> <p>12 <input type="radio"/> Cubic metres per hectare</p> <p>14 <input type="radio"/> Other Volume, specify (C725)</p> <p>_____</p> <p>OR</p> <p>Flow rate</p> <p>20 <input type="radio"/> Gallons (per unit of time)</p> <p>21 <input type="radio"/> Litres (per unit of time)</p> <p>22 <input type="radio"/> Cubic feet (per unit of time)</p> <p>23 <input type="radio"/> Cubic metres (per unit of time)</p> <p>24 <input type="radio"/> Pounds (per unit of time)</p> <p>26 <input type="radio"/> Other Flow Rate (per unit of time), specify</p> <p>(C726) _____</p>	<p>(C768)</p> <p>Unit of water</p> <p>Water depth per surface area</p> <p>01 <input type="radio"/> Inches per acre</p> <p>02 <input type="radio"/> Millimetres per hectare</p> <p>OR</p> <p>Total volume</p> <p>03 <input type="radio"/> Total acre-feet</p> <p>04 <input type="radio"/> Total gallons</p> <p>05 <input type="radio"/> Total litres</p> <p>06 <input type="radio"/> Total cubic feet</p> <p>07 <input type="radio"/> Total cubic metres</p> <p>OR</p> <p>Volume per surface area</p> <p>08 <input type="radio"/> Acre-feet per acre</p> <p>09 <input type="radio"/> Gallons per acre</p> <p>10 <input type="radio"/> Litres per hectare</p> <p>11 <input type="radio"/> Cubic feet per acre</p> <p>12 <input type="radio"/> Cubic metres per hectare</p> <p>14 <input type="radio"/> Other Volume, specify (C769)</p> <p>_____</p> <p>OR</p> <p>Flow rate</p> <p>20 <input type="radio"/> Gallons (per unit of time)</p> <p>21 <input type="radio"/> Litres (per unit of time)</p> <p>22 <input type="radio"/> Cubic feet (per unit of time)</p> <p>23 <input type="radio"/> Cubic metres (per unit of time)</p> <p>24 <input type="radio"/> Pounds (per unit of time)</p> <p>26 <input type="radio"/> Other Flow Rate (per unit of time), specify</p> <p>(C770) _____</p>	<p>(C7112)</p> <p>Unit of water</p> <p>Water depth per surface area</p> <p>01 <input type="radio"/> Inches per acre</p> <p>02 <input type="radio"/> Millimetres per hectare</p> <p>OR</p> <p>Total volume</p> <p>03 <input type="radio"/> Total acre-feet</p> <p>04 <input type="radio"/> Total gallons</p> <p>05 <input type="radio"/> Total litres</p> <p>06 <input type="radio"/> Total cubic feet</p> <p>07 <input type="radio"/> Total cubic metres</p> <p>OR</p> <p>Volume per surface area</p> <p>08 <input type="radio"/> Acre-feet per acre</p> <p>09 <input type="radio"/> Gallons per acre</p> <p>10 <input type="radio"/> Litres per hectare</p> <p>11 <input type="radio"/> Cubic feet per acre</p> <p>12 <input type="radio"/> Cubic metres per hectare</p> <p>14 <input type="radio"/> Other Volume, specify (C7113)</p> <p>_____</p> <p>OR</p> <p>Flow rate</p> <p>20 <input type="radio"/> Gallons (per unit of time)</p> <p>21 <input type="radio"/> Litres (per unit of time)</p> <p>22 <input type="radio"/> Cubic feet (per unit of time)</p> <p>23 <input type="radio"/> Cubic metres (per unit of time)</p> <p>24 <input type="radio"/> Pounds (per unit of time)</p> <p>26 <input type="radio"/> Other Flow Rate (per unit of time), specify</p> <p>(C7114) _____</p>	
	<p>7.h How many units (i.e., reported in Q7g) of water were applied on the crop using the second irrigation method?</p>	<p>(C727)</p>	<p>(C771)</p>	<p>(C7115)</p>

If possible please report flow rate at system nozzle. If not available, give rate at pump.

If any in 7g is answered by flow rate (20 to 26) then continue to 7i for that crop. If another irrigation method was used for a crop, continue to method 3 for that crop. If no more crop irrigation to report, go to Q8 (page 24).

Enter crops from pages 4 and 5 (crop 1 to crop 6).

	Crop 4	Crop 5	Crop 6
Crop Name			
<p>7.g The next questions ask about volume (or flow rate) of water used (in the 2007 growing season).</p> <p>How will you report volume of water used: e.g., inches, gallons, litres for the crop?</p> <p>Method 2</p> <p>Mark only one (per crop).</p> <p>If the response is by Flow rate, Q7i will ask to specify per second, minute, hour or day.</p>	<p>(C7156)</p> <p>Unit of water</p> <p>Water depth per surface area</p> <p>01 <input type="radio"/> Inches per acre</p> <p>02 <input type="radio"/> Millimetres per hectare</p> <p>OR</p> <p>Total volume</p> <p>03 <input type="radio"/> Total acre-feet</p> <p>04 <input type="radio"/> Total gallons</p> <p>05 <input type="radio"/> Total litres</p> <p>06 <input type="radio"/> Total cubic feet</p> <p>07 <input type="radio"/> Total cubic metres</p> <p>OR</p> <p>Volume per surface area</p> <p>08 <input type="radio"/> Acre-feet per acre</p> <p>09 <input type="radio"/> Gallons per acre</p> <p>10 <input type="radio"/> Litres per hectare</p> <p>11 <input type="radio"/> Cubic feet per acre</p> <p>12 <input type="radio"/> Cubic metres per hectare</p> <p>14 <input type="radio"/> Other Volume, specify (C7157)</p> <p>_____</p> <p>OR</p> <p>Flow rate</p> <p>20 <input type="radio"/> Gallons (per unit of time)</p> <p>21 <input type="radio"/> Litres (per unit of time)</p> <p>22 <input type="radio"/> Cubic feet (per unit of time)</p> <p>23 <input type="radio"/> Cubic metres (per unit of time)</p> <p>24 <input type="radio"/> Pounds (per unit of time)</p> <p>26 <input type="radio"/> Other Flow Rate (per unit of time), specify</p> <p>(C7158) _____</p>	<p>(C7200)</p> <p>Unit of water</p> <p>Water depth per surface area</p> <p>01 <input type="radio"/> Inches per acre</p> <p>02 <input type="radio"/> Millimetres per hectare</p> <p>OR</p> <p>Total volume</p> <p>03 <input type="radio"/> Total acre-feet</p> <p>04 <input type="radio"/> Total gallons</p> <p>05 <input type="radio"/> Total litres</p> <p>06 <input type="radio"/> Total cubic feet</p> <p>07 <input type="radio"/> Total cubic metres</p> <p>OR</p> <p>Volume per surface area</p> <p>08 <input type="radio"/> Acre-feet per acre</p> <p>09 <input type="radio"/> Gallons per acre</p> <p>10 <input type="radio"/> Litres per hectare</p> <p>11 <input type="radio"/> Cubic feet per acre</p> <p>12 <input type="radio"/> Cubic metres per hectare</p> <p>14 <input type="radio"/> Other Volume, specify (C7201)</p> <p>_____</p> <p>OR</p> <p>Flow rate</p> <p>20 <input type="radio"/> Gallons (per unit of time)</p> <p>21 <input type="radio"/> Litres (per unit of time)</p> <p>22 <input type="radio"/> Cubic feet (per unit of time)</p> <p>23 <input type="radio"/> Cubic metres (per unit of time)</p> <p>24 <input type="radio"/> Pounds (per unit of time)</p> <p>26 <input type="radio"/> Other Flow Rate (per unit of time), specify</p> <p>(C7202) _____</p>	<p>(C7244)</p> <p>Unit of water</p> <p>Water depth per surface area</p> <p>01 <input type="radio"/> Inches per acre</p> <p>02 <input type="radio"/> Millimetres per hectare</p> <p>OR</p> <p>Total volume</p> <p>03 <input type="radio"/> Total acre-feet</p> <p>04 <input type="radio"/> Total gallons</p> <p>05 <input type="radio"/> Total litres</p> <p>06 <input type="radio"/> Total cubic feet</p> <p>07 <input type="radio"/> Total cubic metres</p> <p>OR</p> <p>Volume per surface area</p> <p>08 <input type="radio"/> Acre-feet per acre</p> <p>09 <input type="radio"/> Gallons per acre</p> <p>10 <input type="radio"/> Litres per hectare</p> <p>11 <input type="radio"/> Cubic feet per acre</p> <p>12 <input type="radio"/> Cubic metres per hectare</p> <p>14 <input type="radio"/> Other Volume, specify (C7245)</p> <p>_____</p> <p>OR</p> <p>Flow rate</p> <p>20 <input type="radio"/> Gallons (per unit of time)</p> <p>21 <input type="radio"/> Litres (per unit of time)</p> <p>22 <input type="radio"/> Cubic feet (per unit of time)</p> <p>23 <input type="radio"/> Cubic metres (per unit of time)</p> <p>24 <input type="radio"/> Pounds (per unit of time)</p> <p>26 <input type="radio"/> Other Flow Rate (per unit of time), specify</p> <p>(C7246) _____</p>
<p>7.h How many units (i.e., reported in Q7g) of water were applied on the crop using the second irrigation method?</p>	(C7159)	(C7203)	(C7247)

If possible please report flow rate at system nozzle. If not available, give rate at pump.

If any in 7g is answered by flow rate (20 to 26) then continue to 7i for that crop. If another irrigation method was used for a crop, continue to method 3 for that crop. If no more crop irrigation to report, go to Q8 (page 24).

Enter crops from pages 4 and 5 (crop 1 to crop 6).

	Crop 1	Crop 2	Crop 3
Crop Name			
7.i Were the units applied per second, minute, hour or day? Method 2	(C728) 01 <input type="radio"/> Per second 02 <input type="radio"/> Per minute 03 <input type="radio"/> Per hour 04 <input type="radio"/> Per day	(C772) 01 <input type="radio"/> Per second 02 <input type="radio"/> Per minute 03 <input type="radio"/> Per hour 04 <input type="radio"/> Per day	(C7116) 01 <input type="radio"/> Per second 02 <input type="radio"/> Per minute 03 <input type="radio"/> Per hour 04 <input type="radio"/> Per day
7.j Was this at the system nozzle or pump? Method 2	(C729) 01 <input type="radio"/> System nozzle 03 <input type="radio"/> Pump	(C773) 01 <input type="radio"/> System nozzle 03 <input type="radio"/> Pump	(C7117) 01 <input type="radio"/> System nozzle 03 <input type="radio"/> Pump
7.k What was the total number of days or weeks that this system ran? Method 2	(C730) <div style="border: 1px solid black; width: 100px; height: 15px; margin: 5px auto;"></div> days or weeks	(C774) <div style="border: 1px solid black; width: 100px; height: 15px; margin: 5px auto;"></div> days or weeks	(C7118) <div style="border: 1px solid black; width: 100px; height: 15px; margin: 5px auto;"></div> days or weeks
7.l Was it days or weeks? Method 2	(C731) 01 <input type="radio"/> Days 03 <input type="radio"/> Weeks	(C775) 01 <input type="radio"/> Days 03 <input type="radio"/> Weeks	(C7119) 01 <input type="radio"/> Days 03 <input type="radio"/> Weeks
7.m What was the total number of hours (per day/week) that this system ran? Method 2	(C732) <div style="border: 1px solid black; width: 100px; height: 15px; margin: 5px auto;"></div> hours	(C776) <div style="border: 1px solid black; width: 100px; height: 15px; margin: 5px auto;"></div> hours	(C7120) <div style="border: 1px solid black; width: 100px; height: 15px; margin: 5px auto;"></div> hours

If another irrigation method was used for a crop, continue to method 3 for that crop. If no more crop irrigation to report, go to Q8 (page 24).

Enter crops from pages 4 and 5 (crop 1 to crop 6).

Crop Name	Crop 4	Crop 5	Crop 6
7.i Were the units applied per second, minute, hour or day? Method 2	(C7160) 01 <input type="radio"/> Per second 02 <input type="radio"/> Per minute 03 <input type="radio"/> Per hour 04 <input type="radio"/> Per day	(C7204) 01 <input type="radio"/> Per second 02 <input type="radio"/> Per minute 03 <input type="radio"/> Per hour 04 <input type="radio"/> Per day	(C7248) 01 <input type="radio"/> Per second 02 <input type="radio"/> Per minute 03 <input type="radio"/> Per hour 04 <input type="radio"/> Per day
7.j Was this at the system nozzle or pump? Method 2	(C7161) 01 <input type="radio"/> System nozzle 03 <input type="radio"/> Pump	(C7205) 01 <input type="radio"/> System nozzle 03 <input type="radio"/> Pump	(C7249) 01 <input type="radio"/> System nozzle 03 <input type="radio"/> Pump
7.k What was the total number of days or weeks that this system ran? Method 2	(C7162) <div style="border: 1px solid black; width: 100px; height: 15px; margin: 5px auto;"></div> days or weeks	(C7206) <div style="border: 1px solid black; width: 100px; height: 15px; margin: 5px auto;"></div> days or weeks	(C7250) <div style="border: 1px solid black; width: 100px; height: 15px; margin: 5px auto;"></div> days or weeks
7.l Was it days or weeks? Method 2	(C7163) 01 <input type="radio"/> Days 03 <input type="radio"/> Weeks	(C7207) 01 <input type="radio"/> Days 03 <input type="radio"/> Weeks	(C7251) 01 <input type="radio"/> Days 03 <input type="radio"/> Weeks
7.m What was the total number of hours (per day/week) that this system ran? Method 2	(C7164) <div style="border: 1px solid black; width: 100px; height: 15px; margin: 5px auto;"></div> hours	(C7208) <div style="border: 1px solid black; width: 100px; height: 15px; margin: 5px auto;"></div> hours	(C7252) <div style="border: 1px solid black; width: 100px; height: 15px; margin: 5px auto;"></div> hours

If another irrigation method was used for a crop, continue to method 3 for that crop. If no more crop irrigation to report, go to Q8 (page 24).

Enter crops from pages 4 and 5 (crop 1 to crop 6). Include water used to increase soil moisture content e.g., pre-planting or post harvest.

	Crop 1	Crop 2	Crop 3
Crop Name			
7.e What was the third method of irrigation used for the crop?	(C733)	(C777)	(C7121)
Method 3	Sprinkler	Sprinkler	Sprinkler
Mark only one (per crop).	01 <input type="radio"/> Hand Move	01 <input type="radio"/> Hand Move	01 <input type="radio"/> Hand Move
	02 <input type="radio"/> Solid or Permanent Set	02 <input type="radio"/> Solid or Permanent Set	02 <input type="radio"/> Solid or Permanent Set
	03 <input type="radio"/> Side Roll, Wheel Line, Wheel Move or Wheel Roll	03 <input type="radio"/> Side Roll, Wheel Line, Wheel Move or Wheel Roll	03 <input type="radio"/> Side Roll, Wheel Line, Wheel Move or Wheel Roll
	04 <input type="radio"/> Traveler, Volume Gun, Travelling Gun, Walker, Overhead or Circler	04 <input type="radio"/> Traveler, Volume Gun, Travelling Gun, Walker, Overhead or Circler	04 <input type="radio"/> Traveler, Volume Gun, Travelling Gun, Walker, Overhead or Circler
	05 <input type="radio"/> Linear move < 25 psi	05 <input type="radio"/> Linear move < 25 psi	05 <input type="radio"/> Linear move < 25 psi
	06 <input type="radio"/> Linear move 25 - 50 psi	06 <input type="radio"/> Linear move 25 - 50 psi	06 <input type="radio"/> Linear move 25 - 50 psi
	07 <input type="radio"/> Linear move >50 psi	07 <input type="radio"/> Linear move >50 psi	07 <input type="radio"/> Linear move >50 psi
	08 <input type="radio"/> Centre pivot < 25 psi	08 <input type="radio"/> Centre pivot < 25 psi	08 <input type="radio"/> Centre pivot < 25 psi
	09 <input type="radio"/> Centre Pivot 25 - 50 psi	09 <input type="radio"/> Centre Pivot 25 - 50 psi	09 <input type="radio"/> Centre Pivot 25 - 50 psi
	10 <input type="radio"/> Centre Pivot >50 psi	10 <input type="radio"/> Centre Pivot >50 psi	10 <input type="radio"/> Centre Pivot >50 psi
	Micro	Micro	Micro
	20 <input type="radio"/> Surface drip	20 <input type="radio"/> Surface drip	20 <input type="radio"/> Surface drip
	21 <input type="radio"/> Sub-surface Drip	21 <input type="radio"/> Sub-surface Drip	21 <input type="radio"/> Sub-surface Drip
	22 <input type="radio"/> Micro-sprinkler	22 <input type="radio"/> Micro-sprinkler	22 <input type="radio"/> Micro-sprinkler
	23 <input type="radio"/> Bubblers	23 <input type="radio"/> Bubblers	23 <input type="radio"/> Bubblers
	24 <input type="radio"/> Microjet	24 <input type="radio"/> Microjet	24 <input type="radio"/> Microjet
	25 <input type="radio"/> Hand watering	25 <input type="radio"/> Hand watering	25 <input type="radio"/> Hand watering
	Surface	Surface	Surface
	30 <input type="radio"/> Down rows	30 <input type="radio"/> Down rows	30 <input type="radio"/> Down rows
	31 <input type="radio"/> Furrows	31 <input type="radio"/> Furrows	31 <input type="radio"/> Furrows
	32 <input type="radio"/> Corrugations	32 <input type="radio"/> Corrugations	32 <input type="radio"/> Corrugations
	33 <input type="radio"/> Border dyke	33 <input type="radio"/> Border dyke	33 <input type="radio"/> Border dyke
	34 <input type="radio"/> Level basins	34 <input type="radio"/> Level basins	34 <input type="radio"/> Level basins
	35 <input type="radio"/> Uncontrolled flooding (wild flooding)	35 <input type="radio"/> Uncontrolled flooding (wild flooding)	35 <input type="radio"/> Uncontrolled flooding (wild flooding)
	36 <input type="radio"/> Back flooding	36 <input type="radio"/> Back flooding	36 <input type="radio"/> Back flooding
	40 <input type="radio"/> Other method (specify) <u>(C734)</u>	40 <input type="radio"/> Other method (specify) <u>(C778)</u>	40 <input type="radio"/> Other method (specify) <u>(C7122)</u>
	_____	_____	_____
7.f What was the total area of the crop irrigated with the third irrigation method?	(C735)	(C779)	(C7123)

Enter crops from pages 4 and 5 (crop 1 to crop 6). Include water used to increase soil moisture content e.g., pre-planting or post harvest.

	Crop 4	Crop 5	Crop 6
<p>7.e What was the third method of irrigation used for the crop?</p> <p>Method 3</p> <p>Mark only one (per crop).</p>	<p>(C7165)</p> <p>Sprinkler</p> <p>01 <input type="radio"/> Hand Move</p> <p>02 <input type="radio"/> Solid or Permanent Set</p> <p>03 <input type="radio"/> Side Roll, Wheel Line, Wheel Move or Wheel Roll</p> <p>04 <input type="radio"/> Traveler, Volume Gun, Travelling Gun, Walker, Overhead or Circler</p> <p>05 <input type="radio"/> Linear move < 25 psi</p> <p>06 <input type="radio"/> Linear move 25 - 50 psi</p> <p>07 <input type="radio"/> Linear move >50 psi</p> <p>08 <input type="radio"/> Centre pivot < 25 psi</p> <p>09 <input type="radio"/> Centre Pivot 25 - 50 psi</p> <p>10 <input type="radio"/> Centre Pivot >50 psi</p> <p>Micro</p> <p>20 <input type="radio"/> Surface drip</p> <p>21 <input type="radio"/> Sub-surface Drip</p> <p>22 <input type="radio"/> Micro-sprinkler</p> <p>23 <input type="radio"/> Bubblers</p> <p>24 <input type="radio"/> Microjet</p> <p>25 <input type="radio"/> Hand watering</p> <p>Surface</p> <p>30 <input type="radio"/> Down rows</p> <p>31 <input type="radio"/> Furrows</p> <p>32 <input type="radio"/> Corrugations</p> <p>33 <input type="radio"/> Border dyke</p> <p>34 <input type="radio"/> Level basins</p> <p>35 <input type="radio"/> Uncontrolled flooding (wild flooding)</p> <p>36 <input type="radio"/> Back flooding</p> <p>40 <input type="radio"/> Other method (specify) (C7166) _____</p>	<p>(C7209)</p> <p>Sprinkler</p> <p>01 <input type="radio"/> Hand Move</p> <p>02 <input type="radio"/> Solid or Permanent Set</p> <p>03 <input type="radio"/> Side Roll, Wheel Line, Wheel Move or Wheel Roll</p> <p>04 <input type="radio"/> Traveler, Volume Gun, Travelling Gun, Walker, Overhead or Circler</p> <p>05 <input type="radio"/> Linear move < 25 psi</p> <p>06 <input type="radio"/> Linear move 25 - 50 psi</p> <p>07 <input type="radio"/> Linear move >50 psi</p> <p>08 <input type="radio"/> Centre pivot < 25 psi</p> <p>09 <input type="radio"/> Centre Pivot 25 - 50 psi</p> <p>10 <input type="radio"/> Centre Pivot >50 psi</p> <p>Micro</p> <p>20 <input type="radio"/> Surface drip</p> <p>21 <input type="radio"/> Sub-surface Drip</p> <p>22 <input type="radio"/> Micro-sprinkler</p> <p>23 <input type="radio"/> Bubblers</p> <p>24 <input type="radio"/> Microjet</p> <p>25 <input type="radio"/> Hand watering</p> <p>Surface</p> <p>30 <input type="radio"/> Down rows</p> <p>31 <input type="radio"/> Furrows</p> <p>32 <input type="radio"/> Corrugations</p> <p>33 <input type="radio"/> Border dyke</p> <p>34 <input type="radio"/> Level basins</p> <p>35 <input type="radio"/> Uncontrolled flooding (wild flooding)</p> <p>36 <input type="radio"/> Back flooding</p> <p>40 <input type="radio"/> Other method (specify) (C7210) _____</p>	<p>(C7253)</p> <p>Sprinkler</p> <p>01 <input type="radio"/> Hand Move</p> <p>02 <input type="radio"/> Solid or Permanent Set</p> <p>03 <input type="radio"/> Side Roll, Wheel Line, Wheel Move or Wheel Roll</p> <p>04 <input type="radio"/> Traveler, Volume Gun, Travelling Gun, Walker, Overhead or Circler</p> <p>05 <input type="radio"/> Linear move < 25 psi</p> <p>06 <input type="radio"/> Linear move 25 - 50 psi</p> <p>07 <input type="radio"/> Linear move >50 psi</p> <p>08 <input type="radio"/> Centre pivot < 25 psi</p> <p>09 <input type="radio"/> Centre Pivot 25 - 50 psi</p> <p>10 <input type="radio"/> Centre Pivot >50 psi</p> <p>Micro</p> <p>20 <input type="radio"/> Surface drip</p> <p>21 <input type="radio"/> Sub-surface Drip</p> <p>22 <input type="radio"/> Micro-sprinkler</p> <p>23 <input type="radio"/> Bubblers</p> <p>24 <input type="radio"/> Microjet</p> <p>25 <input type="radio"/> Hand watering</p> <p>Surface</p> <p>30 <input type="radio"/> Down rows</p> <p>31 <input type="radio"/> Furrows</p> <p>32 <input type="radio"/> Corrugations</p> <p>33 <input type="radio"/> Border dyke</p> <p>34 <input type="radio"/> Level basins</p> <p>35 <input type="radio"/> Uncontrolled flooding (wild flooding)</p> <p>36 <input type="radio"/> Back flooding</p> <p>40 <input type="radio"/> Other method (specify) (C7254) _____</p>
<p>7.f What was the total area of the crop irrigated with the third irrigation method?</p>	<p>(C7167)</p>	<p>(C7211)</p>	<p>(C7255)</p>

Enter crops from pages 4 and 5 (crop 1 to crop 6).

	Crop 1	Crop 2	Crop 3
Crop Name			
<p>7.g The next questions ask about volume (or flow rate) of water used (in the 2007 growing season).</p> <p>How will you report volume of water used: e.g., inches, gallons, litres for the crop?</p> <p>Method 3</p> <p>Mark only one (per crop).</p> <p>If the response is by Flow rate, Q7i will ask to specify per second, minute, hour or day.</p>	<p>(C736)</p> <p>Unit of water</p> <p>Water depth per surface area</p> <p>01 <input type="radio"/> Inches per acre</p> <p>02 <input type="radio"/> Millimetres per hectare</p> <p>OR</p> <p>Total volume</p> <p>03 <input type="radio"/> Total acre-feet</p> <p>04 <input type="radio"/> Total gallons</p> <p>05 <input type="radio"/> Total litres</p> <p>06 <input type="radio"/> Total cubic feet</p> <p>07 <input type="radio"/> Total cubic metres</p> <p>OR</p> <p>Volume per surface area</p> <p>08 <input type="radio"/> Acre-feet per acre</p> <p>09 <input type="radio"/> Gallons per acre</p> <p>10 <input type="radio"/> Litres per hectare</p> <p>11 <input type="radio"/> Cubic feet per acre</p> <p>12 <input type="radio"/> Cubic metres per hectare</p> <p>14 <input type="radio"/> Other Volume, specify (C737)</p> <p>_____</p> <p>OR</p> <p>Flow rate</p> <p>20 <input type="radio"/> Gallons (per unit of time)</p> <p>21 <input type="radio"/> Litres (per unit of time)</p> <p>22 <input type="radio"/> Cubic feet (per unit of time)</p> <p>23 <input type="radio"/> Cubic metres (per unit of time)</p> <p>24 <input type="radio"/> Pounds (per unit of time)</p> <p>26 <input type="radio"/> Other Flow Rate (per unit of time), specify</p> <p>(C738) _____</p>	<p>(C780)</p> <p>Unit of water</p> <p>Water depth per surface area</p> <p>01 <input type="radio"/> Inches per acre</p> <p>02 <input type="radio"/> Millimetres per hectare</p> <p>OR</p> <p>Total volume</p> <p>03 <input type="radio"/> Total acre-feet</p> <p>04 <input type="radio"/> Total gallons</p> <p>05 <input type="radio"/> Total litres</p> <p>06 <input type="radio"/> Total cubic feet</p> <p>07 <input type="radio"/> Total cubic metres</p> <p>OR</p> <p>Volume per surface area</p> <p>08 <input type="radio"/> Acre-feet per acre</p> <p>09 <input type="radio"/> Gallons per acre</p> <p>10 <input type="radio"/> Litres per hectare</p> <p>11 <input type="radio"/> Cubic feet per acre</p> <p>12 <input type="radio"/> Cubic metres per hectare</p> <p>14 <input type="radio"/> Other Volume, specify (C781)</p> <p>_____</p> <p>OR</p> <p>Flow rate</p> <p>20 <input type="radio"/> Gallons (per unit of time)</p> <p>21 <input type="radio"/> Litres (per unit of time)</p> <p>22 <input type="radio"/> Cubic feet (per unit of time)</p> <p>23 <input type="radio"/> Cubic metres (per unit of time)</p> <p>24 <input type="radio"/> Pounds (per unit of time)</p> <p>26 <input type="radio"/> Other Flow Rate (per unit of time), specify</p> <p>(C782) _____</p>	<p>(C7124)</p> <p>Unit of water</p> <p>Water depth per surface area</p> <p>01 <input type="radio"/> Inches per acre</p> <p>02 <input type="radio"/> Millimetres per hectare</p> <p>OR</p> <p>Total volume</p> <p>03 <input type="radio"/> Total acre-feet</p> <p>04 <input type="radio"/> Total gallons</p> <p>05 <input type="radio"/> Total litres</p> <p>06 <input type="radio"/> Total cubic feet</p> <p>07 <input type="radio"/> Total cubic metres</p> <p>OR</p> <p>Volume per surface area</p> <p>08 <input type="radio"/> Acre-feet per acre</p> <p>09 <input type="radio"/> Gallons per acre</p> <p>10 <input type="radio"/> Litres per hectare</p> <p>11 <input type="radio"/> Cubic feet per acre</p> <p>12 <input type="radio"/> Cubic metres per hectare</p> <p>14 <input type="radio"/> Other Volume, specify (C7125)</p> <p>_____</p> <p>OR</p> <p>Flow rate</p> <p>20 <input type="radio"/> Gallons (per unit of time)</p> <p>21 <input type="radio"/> Litres (per unit of time)</p> <p>22 <input type="radio"/> Cubic feet (per unit of time)</p> <p>23 <input type="radio"/> Cubic metres (per unit of time)</p> <p>24 <input type="radio"/> Pounds (per unit of time)</p> <p>26 <input type="radio"/> Other Flow Rate (per unit of time), specify</p> <p>(C7126) _____</p>
<p>7.h How many units (i.e., reported in Q7g) of water were applied on the crop using the third irrigation method?</p>	<p>(C739)</p>	<p>(C783)</p>	<p>(C7127)</p>

If possible please report flow rate at system nozzle. If not available, give rate at pump.

If any in 7g is answered by flow rate (20 to 26) then continue to 7i for that crop. If no more crop irrigation to report, go to Q8 (page 24).

Enter crops from pages 4 and 5 (crop 1 to crop 6).

	Crop 4	Crop 5	Crop 6
Crop Name			
<p>7.g The next questions ask about volume (or flow rate) of water used (in the 2007 growing season).</p> <p>How will you report volume of water used: e.g., inches, gallons, litres for the crop?</p> <p>Method 3</p> <p>Mark only one (per crop).</p> <p>If the response is by Flow rate, Q7i will ask to specify per second, minute, hour or day.</p>	<p>(C7168)</p> <p>Unit of water</p> <p>Water depth per surface area</p> <p>01 <input type="radio"/> Inches per acre</p> <p>02 <input type="radio"/> Millimetres per hectare</p> <p>OR</p> <p>Total volume</p> <p>03 <input type="radio"/> Total acre-feet</p> <p>04 <input type="radio"/> Total gallons</p> <p>05 <input type="radio"/> Total litres</p> <p>06 <input type="radio"/> Total cubic feet</p> <p>07 <input type="radio"/> Total cubic metres</p> <p>OR</p> <p>Volume per surface area</p> <p>08 <input type="radio"/> Acre-feet per acre</p> <p>09 <input type="radio"/> Gallons per acre</p> <p>10 <input type="radio"/> Litres per hectare</p> <p>11 <input type="radio"/> Cubic feet per acre</p> <p>12 <input type="radio"/> Cubic metres per hectare</p> <p>14 <input type="radio"/> Other Volume, specify (C7169)</p> <p>_____</p> <p>OR</p> <p>Flow rate</p> <p>20 <input type="radio"/> Gallons (per unit of time)</p> <p>21 <input type="radio"/> Litres (per unit of time)</p> <p>22 <input type="radio"/> Cubic feet (per unit of time)</p> <p>23 <input type="radio"/> Cubic metres (per unit of time)</p> <p>24 <input type="radio"/> Pounds (per unit of time)</p> <p>26 <input type="radio"/> Other Flow Rate (per unit of time), specify</p> <p>(C7170) _____</p>	<p>(C7212)</p> <p>Unit of water</p> <p>Water depth per surface area</p> <p>01 <input type="radio"/> Inches per acre</p> <p>02 <input type="radio"/> Millimetres per hectare</p> <p>OR</p> <p>Total volume</p> <p>03 <input type="radio"/> Total acre-feet</p> <p>04 <input type="radio"/> Total gallons</p> <p>05 <input type="radio"/> Total litres</p> <p>06 <input type="radio"/> Total cubic feet</p> <p>07 <input type="radio"/> Total cubic metres</p> <p>OR</p> <p>Volume per surface area</p> <p>08 <input type="radio"/> Acre-feet per acre</p> <p>09 <input type="radio"/> Gallons per acre</p> <p>10 <input type="radio"/> Litres per hectare</p> <p>11 <input type="radio"/> Cubic feet per acre</p> <p>12 <input type="radio"/> Cubic metres per hectare</p> <p>14 <input type="radio"/> Other Volume, specify (C7213)</p> <p>_____</p> <p>OR</p> <p>Flow rate</p> <p>20 <input type="radio"/> Gallons (per unit of time)</p> <p>21 <input type="radio"/> Litres (per unit of time)</p> <p>22 <input type="radio"/> Cubic feet (per unit of time)</p> <p>23 <input type="radio"/> Cubic metres (per unit of time)</p> <p>24 <input type="radio"/> Pounds (per unit of time)</p> <p>26 <input type="radio"/> Other Flow Rate (per unit of time), specify</p> <p>(C7214) _____</p>	<p>(C7256)</p> <p>Unit of water</p> <p>Water depth per surface area</p> <p>01 <input type="radio"/> Inches per acre</p> <p>02 <input type="radio"/> Millimetres per hectare</p> <p>OR</p> <p>Total volume</p> <p>03 <input type="radio"/> Total acre-feet</p> <p>04 <input type="radio"/> Total gallons</p> <p>05 <input type="radio"/> Total litres</p> <p>06 <input type="radio"/> Total cubic feet</p> <p>07 <input type="radio"/> Total cubic metres</p> <p>OR</p> <p>Volume per surface area</p> <p>08 <input type="radio"/> Acre-feet per acre</p> <p>09 <input type="radio"/> Gallons per acre</p> <p>10 <input type="radio"/> Litres per hectare</p> <p>11 <input type="radio"/> Cubic feet per acre</p> <p>12 <input type="radio"/> Cubic metres per hectare</p> <p>14 <input type="radio"/> Other Volume, specify (C7257)</p> <p>_____</p> <p>OR</p> <p>Flow rate</p> <p>20 <input type="radio"/> Gallons (per unit of time)</p> <p>21 <input type="radio"/> Litres (per unit of time)</p> <p>22 <input type="radio"/> Cubic feet (per unit of time)</p> <p>23 <input type="radio"/> Cubic metres (per unit of time)</p> <p>24 <input type="radio"/> Pounds (per unit of time)</p> <p>26 <input type="radio"/> Other Flow Rate (per unit of time), specify</p> <p>(C7258) _____</p>
<p>7.h How many units (i.e., reported in Q7g) of water were applied on the crop using the third irrigation method?</p>	<p>(C7171)</p>	<p>(C7215)</p>	<p>(C7259)</p>

If possible please report flow rate at system nozzle. If not available, give rate at pump.

If any in 7g is answered by flow rate (20 to 26) then continue to 7i for that crop. If no more crop irrigation to report, go to Q8 (page 24).

Enter crops from pages 4 and 5 (crop 1 to crop 6).

	Crop 1	Crop 2	Crop 3
Crop Name			
7.i Were the units applied per second, minute, hour or day? Method 3	(C740) 01 <input type="radio"/> Per second 02 <input type="radio"/> Per minute 03 <input type="radio"/> Per hour 04 <input type="radio"/> Per day	(C784) 01 <input type="radio"/> Per second 02 <input type="radio"/> Per minute 03 <input type="radio"/> Per hour 04 <input type="radio"/> Per day	(C7128) 01 <input type="radio"/> Per second 02 <input type="radio"/> Per minute 03 <input type="radio"/> Per hour 04 <input type="radio"/> Per day
7.j Was this at the system nozzle or pump? Method 3	(C741) 01 <input type="radio"/> System nozzle 03 <input type="radio"/> Pump	(C785) 01 <input type="radio"/> System nozzle 03 <input type="radio"/> Pump	(C7129) 01 <input type="radio"/> System nozzle 03 <input type="radio"/> Pump
7.k What was the total number of days or weeks that this system ran? Method 3	(C742) <div style="border: 1px solid black; width: 100px; height: 15px; margin: 5px auto;"></div> days or weeks	(C786) <div style="border: 1px solid black; width: 100px; height: 15px; margin: 5px auto;"></div> days or weeks	(C7130) <div style="border: 1px solid black; width: 100px; height: 15px; margin: 5px auto;"></div> days or weeks
7.l Was it days or weeks? Method 3	(C743) 01 <input type="radio"/> Days 03 <input type="radio"/> Weeks	(C787) 01 <input type="radio"/> Days 03 <input type="radio"/> Weeks	(C7131) 01 <input type="radio"/> Days 03 <input type="radio"/> Weeks
7.m What was the total number of hours (per day/week) that this system ran? Method 3	(C744) <div style="border: 1px solid black; width: 100px; height: 15px; margin: 5px auto;"></div> hours	(C788) <div style="border: 1px solid black; width: 100px; height: 15px; margin: 5px auto;"></div> hours	(C7132) <div style="border: 1px solid black; width: 100px; height: 15px; margin: 5px auto;"></div> hours

If no more crop irrigation to report go to Q (page 24).

FOR INFORMATION ONLY

Enter crops from pages 4 and 5 (crop 1 to crop 6).

Crop Name	Crop 4	Crop 5	Crop 6
7.i Were the units applied per second, minute, hour or day? Method 3	(C7172) 01 <input type="radio"/> Per second 02 <input type="radio"/> Per minute 03 <input type="radio"/> Per hour 04 <input type="radio"/> Per day	(C7216) 01 <input type="radio"/> Per second 02 <input type="radio"/> Per minute 03 <input type="radio"/> Per hour 04 <input type="radio"/> Per day	(C7260) 01 <input type="radio"/> Per second 02 <input type="radio"/> Per minute 03 <input type="radio"/> Per hour 04 <input type="radio"/> Per day
7.j Was this at the system nozzle or pump? Method 3	(C7173) 01 <input type="radio"/> System nozzle 03 <input type="radio"/> Pump	(C7217) 01 <input type="radio"/> System nozzle 03 <input type="radio"/> Pump	(C7261) 01 <input type="radio"/> System nozzle 03 <input type="radio"/> Pump
7.k What was the total number of days or weeks that this system ran? Method 3	(C7174) <div style="border: 1px solid black; width: 100px; height: 15px; margin: 5px auto;"></div> days or weeks	(C7218) <div style="border: 1px solid black; width: 100px; height: 15px; margin: 5px auto;"></div> days or weeks	(C7262) <div style="border: 1px solid black; width: 100px; height: 15px; margin: 5px auto;"></div> days or weeks
7.l Was it days or weeks? Method 3	(C7175) 01 <input type="radio"/> Days 03 <input type="radio"/> Weeks	(C7219) 01 <input type="radio"/> Days 03 <input type="radio"/> Weeks	(C7263) 01 <input type="radio"/> Days 03 <input type="radio"/> Weeks
7.m What was the total number of hours (per day/week) that this system ran? Method 3	(C7176) <div style="border: 1px solid black; width: 100px; height: 15px; margin: 5px auto;"></div> hours	(C7220) <div style="border: 1px solid black; width: 100px; height: 15px; margin: 5px auto;"></div> hours	(C7264) <div style="border: 1px solid black; width: 100px; height: 15px; margin: 5px auto;"></div> hours

If no more crop irrigation to report go to Q (page 24).

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Total Water Use by Irrigation Method

If you have completed the crop level irrigation questions, go to Q10 (page 28).

8. The following questions ask about TOTAL irrigation for this operation for the total cropland area (as reported in question 4), in the 2007 growing season.

Of the total area of cropland, how many (acres/hectares/arpents) were irrigated (in the 2007 growing season)?

Include water applied to increase soil moisture content, e.g., pre-planting or post-harvest.

Include both producing and non-producing cropland.

(C801)

_____ total land irrigated

FOR INFORMATION ONLY

	Method 1	Method 2	Method 3	
<p>9.a What irrigation method(s) did you use?</p> <p>Enter up to three (3) irrigation methods.</p> <p>Mark one only for each method.</p>	<p>(C901)</p> <p>Sprinkler</p> <p>01 <input type="radio"/> Hand Move</p> <p>02 <input type="radio"/> Solid or Permanent Set</p> <p>03 <input type="radio"/> Side Roll, Wheel Line, Wheel Move or Wheel Roll</p> <p>04 <input type="radio"/> Traveler, Volume Gun, Travelling Gun, Walker, Overhead or Circler</p> <p>05 <input type="radio"/> Linear move < 25 psi</p> <p>06 <input type="radio"/> Linear move 25 - 50 psi</p> <p>07 <input type="radio"/> Linear move >50 psi</p> <p>08 <input type="radio"/> Centre pivot < 25 psi</p> <p>09 <input type="radio"/> Centre Pivot 25 - 50 psi</p> <p>10 <input type="radio"/> Centre Pivot >50 psi</p> <p>Micro</p> <p>20 <input type="radio"/> Surface drip</p> <p>21 <input type="radio"/> Sub-surface Drip</p> <p>22 <input type="radio"/> Micro-sprinkler</p> <p>23 <input type="radio"/> Bubblers</p> <p>24 <input type="radio"/> Microjet</p> <p>25 <input type="radio"/> Hand watering</p> <p>Surface</p> <p>30 <input type="radio"/> Down rows</p> <p>31 <input type="radio"/> Furrows</p> <p>32 <input type="radio"/> Corrugations</p> <p>33 <input type="radio"/> Border dyke</p> <p>34 <input type="radio"/> Level basins</p> <p>35 <input type="radio"/> Uncontrolled flooding (wild flooding)</p> <p>36 <input type="radio"/> Back flooding</p> <p>37 <input type="radio"/> Other method (specify) (C902) _____</p> <p>_____</p> <p>Continue to 9.b</p>	<p>(C913)</p> <p>Sprinkler</p> <p>01 <input type="radio"/> Hand Move</p> <p>02 <input type="radio"/> Solid or Permanent Set</p> <p>03 <input type="radio"/> Side Roll, Wheel Line, Wheel Move or Wheel Roll</p> <p>04 <input type="radio"/> Traveler, Volume Gun, Travelling Gun, Walker, Overhead or Circler</p> <p>05 <input type="radio"/> Linear move < 25 psi</p> <p>06 <input type="radio"/> Linear move 25 - 50 psi</p> <p>07 <input type="radio"/> Linear move >50 psi</p> <p>08 <input type="radio"/> Centre pivot < 25 psi</p> <p>09 <input type="radio"/> Centre Pivot 25 - 50 psi</p> <p>10 <input type="radio"/> Centre Pivot >50 psi</p> <p>Micro</p> <p>20 <input type="radio"/> Surface drip</p> <p>21 <input type="radio"/> Sub-surface Drip</p> <p>22 <input type="radio"/> Micro-sprinkler</p> <p>23 <input type="radio"/> Bubblers</p> <p>24 <input type="radio"/> Microjet</p> <p>25 <input type="radio"/> Hand watering</p> <p>Surface</p> <p>30 <input type="radio"/> Down rows</p> <p>31 <input type="radio"/> Furrows</p> <p>32 <input type="radio"/> Corrugations</p> <p>33 <input type="radio"/> Border dyke</p> <p>34 <input type="radio"/> Level basins</p> <p>35 <input type="radio"/> Uncontrolled flooding (wild flooding)</p> <p>36 <input type="radio"/> Back flooding</p> <p>40 <input type="radio"/> Other method (specify) (C914) _____</p> <p>_____</p> <p>00 <input type="radio"/> Not applicable (no 2nd or 3rd method)</p> <p>If not applicable, go to Q10 (page 28).</p>	<p>(C925)</p> <p>Sprinkler</p> <p>01 <input type="radio"/> Hand Move</p> <p>02 <input type="radio"/> Solid or Permanent Set</p> <p>03 <input type="radio"/> Side Roll, Wheel Line, Wheel Move or Wheel Roll</p> <p>04 <input type="radio"/> Traveler, Volume Gun, Traveling Gun, Walker, Overhead or Circler</p> <p>05 <input type="radio"/> Linear move < 25 psi</p> <p>06 <input type="radio"/> Linear move 25 - 50 psi</p> <p>07 <input type="radio"/> Linear move >50 psi</p> <p>08 <input type="radio"/> Centre pivot < 25 psi</p> <p>09 <input type="radio"/> Centre Pivot 25 - 50 psi</p> <p>10 <input type="radio"/> Centre Pivot >50 psi</p> <p>Micro</p> <p>20 <input type="radio"/> Surface drip</p> <p>21 <input type="radio"/> Sub-surface Drip</p> <p>22 <input type="radio"/> Micro-sprinkler</p> <p>23 <input type="radio"/> Bubblers</p> <p>24 <input type="radio"/> Microjet</p> <p>25 <input type="radio"/> Hand watering</p> <p>Surface</p> <p>30 <input type="radio"/> Down rows</p> <p>31 <input type="radio"/> Furrows</p> <p>32 <input type="radio"/> Corrugations</p> <p>33 <input type="radio"/> Border dyke</p> <p>34 <input type="radio"/> Level basins</p> <p>35 <input type="radio"/> Uncontrolled flooding (wild flooding)</p> <p>36 <input type="radio"/> Back flooding</p> <p>40 <input type="radio"/> Other method (specify) (C926) _____</p> <p>_____</p> <p>00 <input type="radio"/> Not applicable (no 2nd or 3rd method)</p> <p>If not applicable, go to Q10 (page 28).</p>	
	<p>9.b What was the total area irrigated with the irrigation method(s)?</p>	<p>(C903)</p>	<p>(C915)</p>	<p>(C927)</p>

	Method 1	Method 2	Method 3
<p>9.c How will you report volume of water used: e.g., inches, gallons, litres?</p> <p>Mark one only for each method.</p> <p>If the response is by Flow rate, Q9e will ask to specify per second, minute, hour or day.</p>	<p>(C904)</p> <p>Unit of water</p> <p>Water depth per surface area</p> <p>01 <input type="radio"/> Inches per acre</p> <p>02 <input type="radio"/> Millimetres per hectare</p> <p>OR</p> <p>Total volume</p> <p>03 <input type="radio"/> Total acre-feet</p> <p>04 <input type="radio"/> Total gallons</p> <p>05 <input type="radio"/> Total litres</p> <p>06 <input type="radio"/> Total cubic feet</p> <p>07 <input type="radio"/> Total cubic metres</p> <p>OR</p> <p>Volume per surface area</p> <p>08 <input type="radio"/> Acre-feet per acre</p> <p>09 <input type="radio"/> Gallons per acre</p> <p>10 <input type="radio"/> Litres per hectare</p> <p>11 <input type="radio"/> Cubic feet per acre</p> <p>12 <input type="radio"/> Cubic metres per hectare</p> <p>14 <input type="radio"/> Other Volume, specify (C905)</p> <hr/> <p>OR</p> <p>Flow rate</p> <p>20 <input type="radio"/> Gallons (per unit of time)</p> <p>21 <input type="radio"/> Litres (per unit of time)</p> <p>22 <input type="radio"/> Cubic feet (per unit of time)</p> <p>23 <input type="radio"/> Cubic metres (per unit of time)</p> <p>24 <input type="radio"/> Pounds (per unit of time)</p> <p>26 <input type="radio"/> Other Flow Rate (per unit of time), specify</p> <p>(C906)</p>	<p>(C916)</p> <p>Unit of water</p> <p>Water depth per surface area</p> <p>01 <input type="radio"/> Inches per acre</p> <p>02 <input type="radio"/> Millimetres per hectare</p> <p>OR</p> <p>Total volume</p> <p>03 <input type="radio"/> Total acre-feet</p> <p>04 <input type="radio"/> Total gallons</p> <p>05 <input type="radio"/> Total litres</p> <p>06 <input type="radio"/> Total cubic feet</p> <p>07 <input type="radio"/> Total cubic metres</p> <p>OR</p> <p>Volume per surface area</p> <p>08 <input type="radio"/> Acre-feet per acre</p> <p>09 <input type="radio"/> Gallons per acre</p> <p>10 <input type="radio"/> Litres per hectare</p> <p>11 <input type="radio"/> Cubic feet per acre</p> <p>12 <input type="radio"/> Cubic metres per hectare</p> <p>14 <input type="radio"/> Other Volume, specify (C917)</p> <hr/> <p>OR</p> <p>Flow rate</p> <p>20 <input type="radio"/> Gallons (per unit of time)</p> <p>21 <input type="radio"/> Litres (per unit of time)</p> <p>22 <input type="radio"/> Cubic feet (per unit of time)</p> <p>23 <input type="radio"/> Cubic metres (per unit of time)</p> <p>24 <input type="radio"/> Pounds (per unit of time)</p> <p>26 <input type="radio"/> Other Flow Rate (per unit of time), specify</p> <p>(C918)</p>	<p>(C928)</p> <p>Unit of water</p> <p>Water depth per surface area</p> <p>01 <input type="radio"/> Inches per acre</p> <p>02 <input type="radio"/> Millimetres per hectare</p> <p>OR</p> <p>Total volume</p> <p>03 <input type="radio"/> Total acre-feet</p> <p>04 <input type="radio"/> Total gallons</p> <p>05 <input type="radio"/> Total litres</p> <p>06 <input type="radio"/> Total cubic feet</p> <p>07 <input type="radio"/> Total cubic metres</p> <p>OR</p> <p>Volume per surface area</p> <p>08 <input type="radio"/> Acre-feet per acre</p> <p>09 <input type="radio"/> Gallons per acre</p> <p>10 <input type="radio"/> Litres per hectare</p> <p>11 <input type="radio"/> Cubic feet per acre</p> <p>12 <input type="radio"/> Cubic metres per hectare</p> <p>14 <input type="radio"/> Other Volume, specify (C929)</p> <hr/> <p>OR</p> <p>Flow rate</p> <p>20 <input type="radio"/> Gallons (per unit of time)</p> <p>21 <input type="radio"/> Litres (per unit of time)</p> <p>22 <input type="radio"/> Cubic feet (per unit of time)</p> <p>23 <input type="radio"/> Cubic metres (per unit of time)</p> <p>24 <input type="radio"/> Pounds (per unit of time)</p> <p>26 <input type="radio"/> Other Flow Rate (per unit of time), specify</p> <p>(C930)</p>
<p>9.d How many units were applied using the irrigation method?</p>	<p>(C907)</p>	<p>(C919)</p>	<p>(C931)</p>
<p>If possible please report flow rate at system nozzle. If not available, give rate at pump.</p>			
<p>If any in 9d is answered by flow rate (20 to 26) then continue to 9e. If no more irrigation to report go to Q10 (page 28).</p>			

	Method 1	Method 2	Method 3
9.e Were the units applied per second, minute, hour or day?	(C908) 01 <input type="radio"/> Per second 02 <input type="radio"/> Per minute 03 <input type="radio"/> Per hour 04 <input type="radio"/> Per day	(C920) 01 <input type="radio"/> Per second 02 <input type="radio"/> Per minute 03 <input type="radio"/> Per hour 04 <input type="radio"/> Per day	(C932) 01 <input type="radio"/> Per second 02 <input type="radio"/> Per minute 03 <input type="radio"/> Per hour 04 <input type="radio"/> Per day
9.f Was this at the system nozzle or pump?	(C909) 01 <input type="radio"/> System nozzle 03 <input type="radio"/> Pump	(C921) 01 <input type="radio"/> System nozzle 03 <input type="radio"/> Pump	(C933) 01 <input type="radio"/> System nozzle 03 <input type="radio"/> Pump
9.g What was the total number of days or weeks that this system ran?	(C910) _____ days or weeks	(C922) _____ days or weeks	(C934) _____ days or weeks
9.h Was it days or weeks?	(C911) 01 <input type="radio"/> Days 03 <input type="radio"/> Weeks	(C923) 01 <input type="radio"/> Days 03 <input type="radio"/> Weeks	(C935) 01 <input type="radio"/> Days 03 <input type="radio"/> Weeks
9.i What was the total number of hours (per day/week) that this system ran?	(C912) _____ hours	(C924) _____ hours	(C936) _____ hours

FOR INFORMATION ONLY

Irrigation Practices and Water Sources

The following questions ask about irrigation practices AND water sources for the operation during the 2007 growing season.

10. Which of the following practices were used for the purpose of water or energy conservation?

(Mark all that apply)

- (C1001) Wind breaks
- (C1002) Leaving stubble on fields (e.g., minimum tillage, direct seeding)
- (C1003) Watering at night or in the morning
- (C1004) Pressure reduction
- (C1005) Water or energy saving nozzles
- (C1006) Other energy saving methods or devices (specify) (C1008) _____
- (C1007) No practices done

11. Which of the following factors or tools helped this operation determine when to irrigate?

(Mark all that apply)

- (C1101) Crop condition or crop stage (observation including disease)
- (C1102) Use of soil moisture sensors (e.g., moisture blocks or tensiometers)
- (C1103) Use of plant sensors (e.g. infrared thermometers)
- (C1104) Feel and appearance of the soil
- (C1105) Weather forecasts (meteorological reports)
- (C1106) Water availability
- (C1107) Use of an irrigation scheduling consultant (commercial and/or government)
- (C1108) Planned irrigation schedule
- (C1109) Rain gauge
- (C1110) Other factors or tools (specify) (C1111) _____

12. In 2007, did this operation have to stop irrigating OR not irrigate for any reason, such as equipment failure, weather, or water shortage? (C1201)

Yes 01

No 03

Go to Question 14

13. Why was irrigation stopped or not done?

(Mark all that apply)

(C1301) Shortage of surface water

(C1302) Shortage of underground water (include shallow wells and deep wells)

(C1303) Equipment failure

(C1304) Poor water quality

(C1305) Cost of water

(C1306) Weather (e.g., excess rain, heat, frost, wind, hail, lightning)

(C1307) Water ban

(C1308) Crop did not require irrigation

(C1309) Labour shortage

(C1310) Fuel or energy cost

(C1311) Other reason (specify) (C1312) _____

14. Did this operation use a drainage system (e.g., land tiles or tiling)? (C1401)

Yes 01

No 03

If there was no irrigation (answer to Q2a and Q2b are both No), go to page 32.
Else continue to next page

The next questions deal with possible sources of water used on this operation.
Exclude water for personal use.

15. Did this operation use any of the following ...?

(Mark all that apply)

- (C1501) Underground water or well water (include shallow wells and deep wells)
- (C1502) ON-FARM lakes, rivers, creeks or streams, ponds or dugouts i.e. direct access (surface water)
- (C1503) Water from a rain collection system (e.g., cistern or rain barrel)
- (C1504) OFF-FARM water transported TO THE FARM e.g., via pipeline, canal system or vehicle
- (C1505) Other (specify) (C1506) _____

If off-farm water is selected, then go to question 16.
Else go to question 18.

16. Which of the following OFF-FARM water sources did this operation use?

(Mark all that apply)

- (C1601) Tap water (drinking water or municipal water)
- (C1602) Treated wastewater
- (C1603) Provincial water sources (irrigation district, group project)
- (C1604) Private sources
- (C1605) Other sources (specify) (C1606) _____

17. Why did this operation need to obtain water from an OFF-FARM source?

(Mark all that apply)

- (C1701) No water or not enough water available ON THE FARM (for irrigation)
- (C1702) Poor quality of OFF-FARM water
- (C1703) Other reason (specify) (C1704) _____

18. Water may be treated to improve its overall quality.

Does this operation treat water prior to farm use? (C1801)

Yes 01

No 03

↓
Go to Question 20

19. Which of the following water treatment practices were used by this operation?

(Mark all that apply)

(C1901) Treatment to kill bacteria or other foreign bodies (i.e. disinfection)

(C1902) Treatment to equalize pH levels

(C1903) Treatment to remove solids (i.e. filtration)

(C1904) Treatment to prevent or to clear mineral fouling

(C1905) Treatment to prevent corrosion

(C1906) Treatment to reduce water hardness

(C1907) Treatment to reduce salinity (salt content)

(C1908) Other treatment to purify water (specify) (C1909) _____

20. In 2007, how did this operation deal with its wastewater e.g., water used when cleaning equipment and produce, excess water from fertilizer or pesticide use?

Exclude household wastewater and irrigation runoff.

(Mark all that apply)

(C2001) Returned to soil

(C2002) Drained into body of water or wetland

(C2003) Drained to sewer / septic tank

(C2004) Drained to settling basin / holding bin

(C2005) Collected for reuse

(C2006) Other (specify) (C2007) _____

Data Sharing Agreement

Thank you for taking the time to participate in our survey. To reduce survey duplication and to ensure more uniform statistics, Statistics Canada has entered into an agreements under Section 12 of the Statistics Act, for the sharing of information from this survey with Agriculture and Agri-food Canada and Environment Canada.

Statistics Canada will not share your farm name, address or other identifying information. All agreements require that the information you provide be kept confidential and be used only for statistical or research purposes.

21. Do you agree to share the information on this survey with: (C2101)

Agriculture and Agri-Food Canada

Yes 01

No 03

22. Do you agree to share this information on this survey with: (C2201)

Environment Canada?

Yes 01

No 03

Similarly, Statistics Canada has entered into an agreement, under Section 12 of the Statistics Act, with your province for the sharing of information from the survey respondents in your province.

23. Do you agree to share this information on this survey with: (C2301)

Prince Edward Island Department of Agriculture?

Yes 01

No 03

New Brunswick Department of Agriculture and Aquaculture?

Yes 01

No 03

Manitoba Agriculture, Food and Rural Initiatives?

Yes 01

No 03

Saskatchewan Ministry of Agriculture?

Yes 01

No 03

Alberta Agriculture and Food?

Yes 01

No 03

British Columbia Ministry of Agriculture and Lands?

Yes 01

No 03

Do you agree to share the information on this survey, including your farm name, address and other identifying information, with:

The Institut de la statistique du Québec?

Yes 01

No 03

*Thank you for your co-operation.
End of interview*