 PART 7. SAMPLE COLLECTION AND STORAGE

A.1. GENERAL HARVESTING INFORMATION

INSTRUCTIONS: Complete a separate form for each sampling date.

<table>
<thead>
<tr>
<th>HARVEST DATE</th>
<th>SAMPLING DATE</th>
<th>PHI</th>
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<tbody>
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1. Record the date of crop harvest (harvest defined as crop digging, crop cutting, picking, etc.)
2. Enter the date the sampled crop items were placed in sample bags (i.e., sample collection)
3. Record the number of days from last application to harvest (PHI)

IF THE PHI IS 0 DAYS, WAS THE SPRAY DRY BEFORE THE CROP WAS HARVESTED?  YES___  NO___  NA___

(Check NA if PHI > 0 days or if the test substance was not sprayed, e.g., a granular application.)

DESCRIPTION OF HARVESTED CROP STAGE
(E.g., commercially mature lettuce heads, green blueberries mature in size, commercially mature plums for drying)

____________________________________________________________________________________________________________

Number of Plants/Trees/Bushes/Areas of the Plot from Which Each Sample was Collected ____________________________

Number of Plants/Trees/Bushes/Areas of the Plot from Which Each Sample was Collected

Minimum Number of Fruit/Heads/Roots/Plants (etc.) Actually Collected per Sample ____________________________

(If a minimum is required by the protocol)

Number of Plants/Trees/Bushes at Each End, or Length of Row Ends, That Were Not Sampled ___________________

Was Less Than 50% of the Harvestable Crop Sampled? (May be determined by visual estimation): YES___  NO___

If no is checked, contact the Study Director.

HARVESTING EQUIPMENT (Provide a brief description of harvesting equipment, including make and model numbers, if appropriate. Do not include gloves, sample bags, coolers, or scales.)

__________________________________________________________________________________

ORDER OF SAMPLE COLLECTION

BRIEFLY DESCRIBE PROCEDURES UTILIZED TO HARVEST CROP. Provide enough details in addition to data entered above to ensure that protocol requirements have been met and to inform a data reviewer exactly how this crop was harvested. Examples: “Hand-picked berries from one side of the row, then the other. Collected fruit from high and low, exposed and shielded areas.” “Barley was cut 3-4 inches above the ground with a scythe and left on the ground to dry for hay samples. Each entire plot was cut.” ATTACH A SEPARATE SHEET IF NECESSARY.

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Were harvested crop items collected directly into residue sample bags?  YES___  NO___

IF NO, PLEASE EXPLAIN

____________________________________________________________________________________________________________

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ABOVE DATA ENTERED BY: __________________________________________  DATE: ______________

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Total number of pages in this section at initial pagination: _____
A.2. GENERAL SAMPLING INFORMATION--Complete a separate form for each sampling date.

DESCRIPTION OF SAMPLED CROP STAGE (if different from harvested crop, such as dried plums, mint oil)

____________________________________________________________________________________________________________

DESCRIBE ANY MODIFICATIONS TO THE HARVESTED CROP SUCH AS TRIMMING, CLEANING, CUTTING, DRYING AND/OR COMPOSITING SAMPLES. IF THE MODIFICATIONS ARE TOO COMPLEX TO BE DESCRIBED BELOW, ATTACH A SEPARATE SHEET THAT CLEARLY DESCRIBES THE MODIFICATION PROCEDURES (include a description of equipment, duration of procedure(s), temperatures, etc., as appropriate).

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IF THE SAMPLING OCCURRED AFTER THE HARVEST DATE, DESCRIBE SAMPLE COLLECTION

____________________________________________________________________________________________________________

____________________________________________________________________________________________________________

CHECK ALL PROCEDURES USED TO PREVENT CONTAMINATION OF RESIDUE SAMPLES

___ UNCONTAMINATED GLOVES WORN AND CHANGED BETWEEN SAMPLES
___ TREATMENTS WERE SAMPLED BY DIFFERENT PEOPLE
___ PHYSICALLY SEPARATED TREATED AND UNTREATED SAMPLES
___ CLEANED SAMPLING EQUIPMENT BETWEEN COLLECTIONS OF EACH TREATMENT
___ OTHER, EXPLAIN: ____________________________________________________________________________

DESCRIBE HOLDING AND TRANSPORT OF SAMPLES FROM FIELD TO FREEZER
(E.g. Sample bags placed in cooler with blue ice, then transported by pickup truck to research center for pitting. Following pit removal, sample bags were hand-carried to freezer.)

____________________________________________________________________________________________________________

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____________________________________________________________________________________________________________

Above data entered by: _____________________________________________________ Date: ____________________

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**FIELD ID NO: ____________**

**IR-4 FIELD DATA BOOK**

**PART 7. SAMPLE COLLECTION AND STORAGE**

**B. SPECIFIC SAMPLE INFORMATION AND INVENTORY, AND TREATED CROP DESTRUCTION**

_INSTRUCTIONS:_ Complete this form or provide equivalent information. **USE A SEPARATE PAGE FOR EACH SAMPLE DATE.** Enter the date the individual samples were collected (do not enter the harvest date when this date is different from sample date), the sample ID (see protocol Section 18 for Sample ID code), a brief description of the crop part sampled (e.g. turnip roots, turnip tops, tomato fruit, corn forage etc.), the weight of the sample, the approximate time of day of completion of each sample collection—i.e., sample placed in sample bag following any modifications (e.g., 10:15 a.m.), the approximate time of day that each sample was placed in a freezer, the approximate time interval between completion of collection of each sample (placement of the sample in sample bag) and the placement of the sample in freezer (e.g., 45 minutes), the identification code of the freezer where the samples are stored, and the initials of the person providing the above information and the date it is entered on this form.

**SAMPLE COLLECTION DATE: ____________________________**

<table>
<thead>
<tr>
<th>SAMPLE ID*</th>
<th>CROP FRACTION</th>
<th>WEIGHT (INCLUDE UNITS)</th>
<th>APPROXIMATE TIME OF DAY OF COMPLETION OF SAMPLE COLLECTION</th>
<th>APPROXIMATE TIME OF DAY THAT SAMPLE WAS PLACED IN FREEZER</th>
<th>APPROXIMATE ELAPSED TIME FROM SAMPLE COLLECTION TO FREEZER ID</th>
<th>FREEZER ID</th>
<th>INITIALS &amp; DATE</th>
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* See Protocol Section 18 for assigned Sample ID code

Was a GLP-maintained scale used to determine weight of residue samples? **YES_____ NO_____**

**CROP DESTRUCT:** Describe how the (leftover) treated crop has been destroyed or handled in such a way that it cannot be consumed as a human food or animal feed. Provide date(s) if appropriate. If the (leftover) treated crop was not destroyed because the pesticide use in this trial is registered in your state/territory/province, then that should be indicated here:

__________________________________________________________________________________________________
__________________________________________________________________________________________________
__________________________________________________________________________________________________

**ABOVE DATA ENTERED BY: ______________________________ DATE: ______________**

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PART 7. SAMPLE COLLECTION AND STORAGE

C. FREEZER TEMPERATURE LOG

INSTRUCTIONS: Use this (or an equivalent) form when freezer temperatures are taken manually. For each day that temperatures are taken, directly record the date, the minimum and maximum temperature, the degree units (°F or °C), and provide the initials of the person entering the data. Photocopy this form if space for more freezer records is needed. When temperature records are monitored automatically, the original or certified true copy of the output (disk from data logger, computer printout, etc.) must be placed in this Field Data Book.

UNIQUE IDENTIFIER FOR FREEZER: ________________________________________________________________
Enter Freezer ID—may be make/model/serial# or assigned identifier.

UNIQUE IDENTIFIER FOR FREEZER TEMPERATURE RECORDER: ______________________________________
Enter Freezer Temperature Recorder ID—may be make/model/serial# or assigned identifier.

<table>
<thead>
<tr>
<th>DATE</th>
<th>TEMP MIN/MAX</th>
<th>INITIALS</th>
<th>DATE</th>
<th>TEMP MIN/MAX</th>
<th>INITIALS</th>
<th>DATE</th>
<th>TEMP MIN/MAX</th>
<th>INITIALS</th>
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Unless otherwise noted in the table above, all temperature units are in (Check one):

°C___ °F___ ___________(Initials)_________________________(Date)

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**PART 7. SAMPLE COLLECTION AND STORAGE**

**D. FREEZER CONTENTS LOG**

*INSTRUCTIONS:* Use this (or an equivalent) form to record the movement of residue samples in and out of the freezer. Note the trial ID # (e.g., 06788.99-CA45), “contents” (e.g. treated peppers), the day and time it entered the freezer and the initials of the person putting the samples into the freezer. Also note the date and time the same samples are removed from the freezer and the initials of the person removing the samples from the freezer.

**UNIQUE IDENTIFIER FOR FREEZER:** ________________________________________________________________

Enter Freezer ID—may be make/model/serial# or assigned identifier.

<table>
<thead>
<tr>
<th>TRIAL ID#</th>
<th>CONTENTS</th>
<th>DAY/TIME IN</th>
<th>INITIALS</th>
<th>DAY/TIME OUT</th>
<th>INITIALS</th>
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COMPLETE IF APPROPRIATE:  "THIS IS A TRUE COPY OF THE ORIGINAL"

THE ORIGINAL IS IN IR-4 FIELD DATA BOOK NO. _________________ INITIALS ____________ DATE ____________
E. FREEZER MAINTENANCE AND REPAIR LOG

INSTRUCTIONS: Complete this form or provide equivalent information. Provide dates and a brief description of maintenance and repair work completed on the freezers relevant to this trial. Be sure to date and initial all entries.

UNIQUE IDENTIFIER FOR FREEZER: ________________________________________________________________
Enter Freezer ID—may be make/model/serial# or assigned identifier.

RECORD DATES AND BRIEF DESCRIPTION OF ANY CALIBRATION, MAINTENANCE AND REPAIR WORK DONE ON FREEZER. ALSO RECORD SOP# FOLLOWED, IF APPLICABLE.

<table>
<thead>
<tr>
<th>Initials and Date</th>
<th>Was Maintenance or Repair routine? (Check one)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Routine</td>
<td></td>
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<tr>
<td></td>
<td>Non-Routine</td>
<td></td>
</tr>
</tbody>
</table>

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COMPLETE IF APPROPRIATE: "THIS IS A TRUE COPY OF THE ORIGINAL"
THE ORIGINAL IS IN IR-4 FIELD DATA BOOK NO. ____________ INITIALS ____________ DATE ____________