# FIELD ID NO: \_\_\_\_\_ IR-4 FIELD DATA BOOK

### PART 7. SAMPLE COLLECTION AND STORAGE

A.1. GENERAL HARVESTING INFORMATION INSTRUCTIONS: Complete a separate form for each sampling date.

#### HARVEST DATE<sup>1</sup>

## SAMPLING DATE<sup>2</sup>\_\_\_\_\_

PHI<sup>3</sup>

<sup>1</sup>*Record the date of crop harvest (harvest defined as crop digging, crop cutting, picking, etc.)* <sup>2</sup>*Enter the date the sampled crop items were placed in sample bags (i.e. sample collection)* 

<sup>3</sup>Preharvest interval: Enter the number of days from last application to harvest, or planting to harvest in seed treatment trials 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 or a seed treatment.*) **DESCRIPTION OF HARVESTED CROP STAGE:** 

(*E.g.* commercially mature lettuce heads, blueberries mature in size (mostly blue in color), mature plums for drying)

Number of (check one) Plants Trees Bushes Areas	
of the Plot from Which Each Sample was Collected	
Number and Location of Rows from Which Each Sample Was Collected	
Examples: "6 middle rows" "All 3 rows" "1" (for single-row plot)	
Number of (check one) Fruit Heads Roots Plants	
Other (describe) Actually Collected per Sample	
Enter NA if the sample size requirement is determined only by weight	
Number of (check one) Plants Trees Bushes at Each End,	
or (check) Length of Row Ends, That Were Not Sampled	
Was Less Than 50% of the Harvestable Crop Sampled?	YES NO
(May be determined by visual estimation)	If <b>no</b> is checked, contact the Study Director
Was Each Sample Collected in a Separate Run Through the Entire Plot?	YES NO
	If <b>no</b> is checked, contact the Study Director

HARVESTING EQUIPMENT (Include make and model numbers. 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." <u>ATTACH A SEPARATE SHEET IF NECESSARY</u>.* 

Was the crop in all of the trial plots healthy? YES	NO
IF NO, PLEASE EXPLAIN:	
ABOVE DATA ENTERED BY:	DATE:
PART 7 PAGE	Trial Year 2020
Total number of pages in this section at initial pagination:	

FIF	FLD	ID	NO	

# **IR-4 FIELD DATA BOOK**

### PART 7. SAMPLE COLLECTION AND STORAGE

A.2. GENERAL SAMPLING INFORMATION--Complete a separate form for each sampling date.

Were harvested crop items collected directly into residue sample bags?

NO\_\_\_\_

YES

#### IF NO, PLEASE EXPLAIN \_\_\_\_\_

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

# DESCRIBE SAMPLE COLLECTION IF IT OCCURRED AFTER THE HARVEST DATE. ALSO, DESCRIBE ANY MODIFICATIONS TO THE HARVESTED CROP SUCH AS TRIMMING, CLEANING, CUTTING, DRYING

**AND/OR COMPOSITING SAMPLES.** You may attach a separate sheet that clearly describes these procedures. Include a description of equipment, duration of procedure(s), temperatures, estimated moisture content, etc., as appropriate.

IF CUTTING OR PITTING IS DONE AT THE FIELD SITE,	Sample ID	Time that Modifications were Completed	Time that Sample was Placed in a Cooler	Elapsed Time (minutes)
INDICATE HERE THE LENGTH				
OF TIME FROM COMPLETION				
OF THE MODIFICATIONS FOR EACH SAMPLE TO PLACEMENT				
IN A COOLER (attach a separate				
sheet if there are >4 samples):				

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.)

Were the samples placed in a freezer within one	YES	NO			
<sup>1</sup> Following the completion of any modifications, such as dryi	ng or pitting, or following harves	st if there	were no m	nodifications	
If no, and you used a min-max thermometer, enter the temperature ranges of the samples	Untreated	<sup>0</sup> F	_ °C	_ NA	
during transport and check off <sup>o</sup> F or <sup>o</sup> C:	Treated	<sup>0</sup> F	_ <sup>0</sup> C	_ NA	
If NO, and you used a data logger insert the temperature graphs in this Field Data Back (two conies are accortable)					

If NO, and you used a data logger, insert the temperature graphs in this Field Data Book (true copies are acceptable).

ABOVE DATA ENTERED BY:
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\_\_\_\_\_*DATE:* \_\_\_\_\_

PART 7 PAGE \_\_\_\_

Trial Year 2020

# FIELD ID NO: \_\_\_\_\_ IR-4 FIELD DATA BOOK

## PART 7. SAMPLE COLLECTION AND STORAGE

### B. SPECIFIC SAMPLE INFORMATION AND INVENTORY

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 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 ID <sup>1</sup>	CROP FRACTION	WEIGHT (INCLUDE UNITS)	APPROXIMATE TIME OF DAY OF COMPLETION OF SAMPLE COLLECTION <sup>2</sup>	APPROXIMATE ELAPSED TIME TO FREEZER FROM SAMPLE COLLECTION	FREEZER ID	INITIALS & DATE

#### SAMPLE COLLECTION DATE: \_\_\_\_\_

<sup>1</sup>See Protocol Section 18 for assigned Sample ID code

<sup>2</sup>After the completion of any modifications, such as drying or pitting, or harvest time if there were no modifications

Was a GLP-maintained scale used to determine weight of residue samples? YES\_\_\_\_\_ NO\_\_\_\_\_

**CROP DESTRUCT:** Please describe in Part 5I of this Field Data Book <u>how</u> 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.

ABOVE DATA ENTERED BY: \_\_\_\_\_

\_\_\_\_\_*DATE:* \_\_\_\_\_

PART 7 PAGE \_\_\_\_\_

# FIELD ID NO: \_\_\_\_\_ **IR-4 FIELD DATA BOOK**

## 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 ( ${}^{o}F$  or  ${}^{o}C$ ), 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.

DATE	TEMP MIN/MAX	INITIALS	DATE	TEMP. MIN/MAX	INITIALS	DATE	TEMP MIN/MAX	INITIALS

Unless otherwise noted in the table above, all temperature units are in (*Check one*):

°C °F	(Initials)	(Date)
	PART 7 PAGE	Trial Year 2020
OMPLETE IF APPROPRIATE:	"THIS IS A TRUE COPY OF THE ORIGINAL"	

C \_\_\_\_\_ INITIALS \_\_\_\_ THE ORIGINAL IS IN IR-4 FIELD DATA BOOK NO. \_\_\_\_DATE\_

# FIELD ID NO: \_\_\_\_\_

# IR-4 FIELD DATA BOOK

### 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.

TRIAL ID#	CONTENTS	DAY/TIME IN	INITIALS	DAY/TIME OUT	INITIALS

# PART 7 PAGE \_\_\_\_\_

Trial Year 2020

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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\_\_\_\_\_

# IR-4 FIELD DATA BOOK

### PART 7. SAMPLE COLLECTION AND STORAGE

#### 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: SOP#\_\_\_

	W7 37	• .	
	Was Ma	aintenance or	
	Repair	routine?	
	(Check	one)	
Initials and Date	Routine	one) Non-Routine	Description

### PART 7 PAGE \_\_\_\_\_

Trial Year 2020

COMPLETE IF APPROPRIATE:	"THIS IS A TRUE COPY O	OF THE ORIGINAL"	
THE ORIGINAL IS IN IR-4 FIELD D	ATA BOOK NO	INITIALS	DATE

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