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## EC00-2540 Field Records for Restricted Use Pesticide Applications and Integrated Crop Management by Private Applicators

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For additional information about the restricted use pesticide application recordkeeping requirements, see the Pesticide Education Resources Web site at: **PestEd.unl.edu** from the University of Nebraska.

Adapted with permission from *Field Records for Integrated Crop Management and Restricted Use Pesticide Applications*, ICM-1, Iowa State University.

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## *Restricted Use Pesticide application Recordkeeping requirements*

Private applicators must record their restricted use pesticide (RUP) applications, as required by the Food, Agriculture, Conservation and Trade (FACT) Act of 1990. The USDA Agricultural Marketing Service administers this activity.

In Nebraska, RUP application records must be maintained for **three years** from the date of application. The certified pesticide applicator should retain these RUP records, but must be able to make them accessible for copying by authorized representatives.

RUP application records may be handwritten on individual notes or forms, consist of invoices, be computerized, and/or maintained in recordkeeping books. This booklet is a suggested guide for preliminary or final RUP application records.

Your records must include:

- **Brand/product name**
- **EPA registration number**
- **Total amount of RUP applied**
- **Crop/site treated**
- **Field location**
- **Acres treated**
- **Application date**
- **Name of certified applicator**
- **Certification number**

These regulations define a private applicator as a certified applicator that is applying a RUP *for agricultural production*. Treating a house or other building with a RUP for non-agricultural purposes (for example, termiticide application) is not considered agricultural production and would not require a record under these regulations. A spot application made for agricultural production must be recorded in the same manner as any other RUP application.

A commercial applicator must, within 30 days of a RUP application, provide a copy of the required records to the person for whom the RUP was applied. However, certified commercial applicators can hold these RUP application records for their clients as long as the client has signed a statement recognizing the commercial applicator as the record holder. Commercial applicators should provide their clients with a copy of the signed statement, make these records available to their clients upon request, and maintain separate records for each client.

The brand name, formulation and EPA registration number for many RUPs used in Nebraska are listed on pages 4-8. If you use a RUP that is not listed, add the brand/product name, formulation and registration number to the table. Check the pesticide label or ask your dealer for this information.

Complete the master list of applicators and their certification numbers for anyone making RUP applications on fields in this record book. By completing the master list, you eliminate the need to record the certified applicator's name and EPA certification number in conjunction with each RUP application.

### Master List

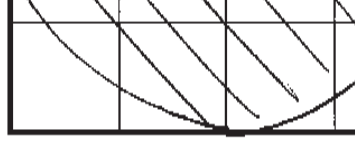
Applicator's Name	Certification Number







Field Record #0 Year 2011 Field Size 135A  
 Field ID East Qua  
 Location or Legal Description \_\_\_\_\_  
 Soil Type/O.M. \_\_\_\_\_  
 Crop/Variety Silt 10  
 Previous Crop/Variety Corn/Gl Co  
 Seeding Rate \_\_\_\_\_ Final Population \_\_\_\_\_  
 Planting Date \_\_\_\_\_ Harvest Date \_\_\_\_\_  
 Expected Yield \_\_\_\_\_ Actual \_\_\_\_\_  
 % Moisture 85



1.5%  
 yield 546  
 26,500  
 10/20  
 165

\*\*\*Note\*\*\*

If a spot treatment (less than 1/10 acre) application is made, write "spot" in "size of area treated".

Application	#1	#2	#3	#4
* Application date		4/28	5/1	
* Pesticide product name	1	Lasso	Counter	
* Pesticide EPA reg. no.	2	524-314	241-2	
* Total RUP applied	3	37.5 quart	1745	
Applicator's name (from master list, page 3)	4	Bill	Jerry	
Crop, commodity or site	5	Corn	Corn	
Size of treated area		135 Acre	135 Ac	
Conditions (wind, temperature, etc.)	6	5 MPH	10-15 m	
		5° air temp	74° ai	



Field Record #0 Year 20XX  
 Field ID East Quarter  
 Residue Cover % 30 Date 5/1 | % \_\_\_\_\_ Date \_\_\_\_\_

Additional

Field Operations

4/15	Anhydrous A	9-Knife	6.2
4/28	Pre-plant herbicide	(Custom)	\$3/A
5/1	Plant-Insecticide	6-row	4.9
6/3	Cultivate	6-row	5.2
6/25	2 <sup>nd</sup> Cultivate	6-row	5.4
10/20	Harvest	6-row	*

Seed Costs \$24/Acre  
 30" rows

\* Previous year combine  
 Costs worked out to  
 \$27.90/Acre

Fertilizer/Manure Applied

	(N-P-K)			
4/15	83-0-0	100	135	\$18/A
5/1	15-51-0-15 (STARTER)	150	135	\$12/A
6/5	32-0-0 (Cult.)	30	135	\$6/A
7/10	28-0-0 (Cultivate)	30	135	\$5/A

Irrigation

6/15	Chemigate	.5"	\$1.30/A
7/10	Irrigate	1"	\$2.50/A
7/21	Irrigate	.75"	\$2/A
8/2	Irrigate	1"	\$2.50/A
8/13	Irrigate	.8"	\$2/A
8/29	Irrigate	1"	\$2.50/A

6/15 - Lorsban cost \$8/A

14 Field Record #1 Year \_\_\_\_\_ Field Size \_\_\_\_\_  
 Field ID \_\_\_\_\_  
 Location or Legal Description \_\_\_\_\_  
 \_\_\_\_\_  
 Soil Type/O.M. \_\_\_\_\_  
 Crop/Variety \_\_\_\_\_  
 Previous Crop/Variety \_\_\_\_\_  
 Seeding Rate \_\_\_\_\_ Final Population \_\_\_\_\_  
 Planting Date \_\_\_\_\_ Harvest Date \_\_\_\_\_  
 Expected Yield \_\_\_\_\_ Actual \_\_\_\_\_  
 % Moisture \_\_\_\_\_


\*\*\*Note\*\*\*

If a spot treatment (less than 1/10 acre) application is made, write "spot" in "size of area treated" and fill in requirements marked with an \*.

Application	#1	#2	#3	#4
*Application date				
*Pesticide product name				
*Pesticide EPA reg. no.				
*Total RUP applied				
Applicator's name (from master list, page 3)				
Crop, commodity or site				
Size of treated area				
Conditions (wind, temperature, etc.)				

Field Record #1 Year \_\_\_\_\_

Field ID \_\_\_\_\_

Residue Cover % \_\_\_\_ Date \_\_\_\_ | % \_\_\_\_ Date \_\_\_\_

**Additional**

**Field Operations**


**Fertilizer/Manure Applied**

	(N-P-K)			

**Irrigation**


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Field Record #2 Year \_\_\_\_\_ Field Size \_\_\_\_\_  
 Field ID \_\_\_\_\_  
 Location or Legal Description \_\_\_\_\_  
 \_\_\_\_\_  
 Soil Type/O.M. \_\_\_\_\_  
 Crop/Variety \_\_\_\_\_  
 Previous Crop/Variety \_\_\_\_\_  
 Seeding Rate \_\_\_\_\_ Final Population \_\_\_\_\_  
 Planting Date \_\_\_\_\_ Harvest Date \_\_\_\_\_  
 Expected Yield \_\_\_\_\_ Actual \_\_\_\_\_  
 % Moisture \_\_\_\_\_


\*\*\*Note\*\*\*

If a spot treatment (less than 1/10 acre) application is made, write "spot" in "size of area treated" and fill in requirements marked with an \*.

Application	#1	#2	#3	#4
*Application date				
*Pesticide product name				
*Pesticide EPA reg. no.				
*Total RUP applied				
Applicator's name (from master list, page 3)				
Crop, commodity or site				
Size of treated area				
Conditions (wind, temperature, etc.)				



Field Record #3 Year \_\_\_\_\_ Field Size \_\_\_\_\_

Field ID \_\_\_\_\_

Location or Legal Description \_\_\_\_\_

Soil Type/O.M. \_\_\_\_\_

Crop/Variety \_\_\_\_\_

Previous Crop/Variety \_\_\_\_\_

Seeding Rate \_\_\_\_\_ Final Population \_\_\_\_\_

Planting Date \_\_\_\_\_ Harvest Date \_\_\_\_\_

Expected Yield \_\_\_\_\_ Actual \_\_\_\_\_

% Moisture \_\_\_\_\_


\*\*\*Note\*\*\*

If a spot treatment (less than 1/10 acre) application is made, write "spot" in "size of area treated" and fill in requirements marked with an \*.

Application	#1	#2	#3	#4
*Application date				
*Pesticide product name				
*Pesticide EPA reg. no.				
*Total RUP applied				
Applicator's name (from master list, page 3)				
Crop, commodity or site				
Size of treated area				
Conditions (wind, temperature, etc.)				

Field Record #3 Year \_\_\_\_\_

Field ID \_\_\_\_\_

Residue Cover % \_\_\_\_ Date \_\_\_\_ | % \_\_\_\_ Date \_\_\_\_

**Additional**

**Field Operations**


**Fertilizer/Manure Applied**

	(N-P-K)			

**Irrigation**


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26 Field Record #4 Year \_\_\_\_\_ Field Size \_\_\_\_\_  
 Field ID \_\_\_\_\_

Location or Legal Description \_\_\_\_\_

Soil Type/O.M. \_\_\_\_\_

Crop/Variety \_\_\_\_\_

Previous Crop/Variety \_\_\_\_\_

Seeding Rate \_\_\_\_\_ Final Population \_\_\_\_\_

Planting Date \_\_\_\_\_ Harvest Date \_\_\_\_\_

Expected Yield \_\_\_\_\_ Actual \_\_\_\_\_

% Moisture \_\_\_\_\_


**\*\*\*Note\*\*\***

If a spot treatment (less than 1/10 acre) application is made, write "spot" in "size of area treated", and fill in requirements marked with an \*.

Application	#1	#2	#3	#4
*Application date				
*Pesticide product name				
*Pesticide EPA reg. no.				
*Total RUP applied				
Applicator's name (from master list, page 3)				
Crop, commodity or site				
Size of treated area				
Conditions (wind, temperature, etc.)				



Field Record #4 Year \_\_\_\_\_

Field ID \_\_\_\_\_

Residue Cover % \_\_\_\_ Date \_\_\_\_ | % \_\_\_\_ Date \_\_\_\_

**Additional**

**Field Operations**


**Fertilizer/Manure Applied**

	(N-P-K)			

**Irrigation**


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30 Field Record #5 Year \_\_\_\_\_ Field Size \_\_\_\_\_  
 Field ID \_\_\_\_\_  
 Location or Legal Description \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 Soil Type/O.M. \_\_\_\_\_  
 Crop/Variety \_\_\_\_\_  
 Previous Crop/Variety \_\_\_\_\_  
 Seeding Rate \_\_\_\_\_ Final Population \_\_\_\_\_  
 Planting Date \_\_\_\_\_ Harvest Date \_\_\_\_\_  
 Expected Yield \_\_\_\_\_ Actual \_\_\_\_\_  
 % Moisture \_\_\_\_\_


\*\*\*Note\*\*\*

If a spot treatment (less than 1/10 acre) application is made, write "spot" in "size of area treated" and fill in requirements marked with an \*.

Application	#1	#2	#3	#4
*Application date				
*Pesticide product name				
*Pesticide EPA reg. no.				
*Total RUP applied				
Applicator's name (from master list, page 3)				
Crop, commodity or site				
Size of treated area				
Conditions (wind, temperature, etc.)				

Field Record #5 Year \_\_\_\_\_  
Field ID \_\_\_\_\_  
Residue Cover % \_\_\_\_ Date \_\_\_\_ | % \_\_\_\_ Date \_\_\_\_

**Additional**

**Field Operations**


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**Fertilizer/Manure Applied**

	(N-P-K)			

**Irrigation**


34 Field Record #6 Year \_\_\_\_\_ Field Size \_\_\_\_\_  
 Field ID \_\_\_\_\_  
 Location or Legal Description \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 Soil Type/O.M. \_\_\_\_\_  
 Crop/Variety \_\_\_\_\_  
 Previous Crop/Variety \_\_\_\_\_  
 Seeding Rate \_\_\_\_\_ Final Population \_\_\_\_\_  
 Planting Date \_\_\_\_\_ Harvest Date \_\_\_\_\_  
 Expected Yield \_\_\_\_\_ Actual \_\_\_\_\_  
 % Moisture \_\_\_\_\_


**\*\*\*Note\*\*\***

If a spot treatment (less than 1/10 acre) application is made, write "spot" in "size of area treated" and fill in requirements marked with an \*.

Application	#1	#2	#3	#4
*Application date				
*Pesticide product name				
*Pesticide EPA reg. no.				
*Total RUP applied				
Applicator's name (from master list, page 3)				
Crop, commodity or site				
Size of treated area				
Conditions (wind, temperature, etc.)				

Field Record #6 Year \_\_\_\_\_

Field ID \_\_\_\_\_

Residue Cover % \_\_\_\_\_ Date \_\_\_\_\_ | % \_\_\_\_\_ Date \_\_\_\_\_

### Additional

#### Field Operations


#### Fertilizer/Manure Applied

	(N-P-K)			

#### Irrigation


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Field Record #7 Year \_\_\_\_\_ Field Size \_\_\_\_\_  
 Field ID \_\_\_\_\_  
 Location or Legal Description \_\_\_\_\_  
 \_\_\_\_\_  
 Soil Type/O.M. \_\_\_\_\_  
 Crop/Variety \_\_\_\_\_  
 Previous Crop/Variety \_\_\_\_\_  
 Seeding Rate \_\_\_\_\_ Final Population \_\_\_\_\_  
 Planting Date \_\_\_\_\_ Harvest Date \_\_\_\_\_  
 Expected Yield \_\_\_\_\_ Actual \_\_\_\_\_  
 % Moisture \_\_\_\_\_


\*\*\*Note\*\*\*

If a spot treatment (less than 1/10 acre) application is made, write "spot" in "size of area treated" and fill in requirements marked with an \*.

Application	#1	#2	#3	#4
*Application date				
*Pesticide product name				
*Pesticide EPA reg. no.				
*Total RUP applied				
Applicator's name (from master list, page 3)				
Crop, commodity or site				
Size of treated area				
Conditions (wind, temperature, etc.)				



42 Field Record #8 Year \_\_\_\_\_ Field Size \_\_\_\_\_  
 Field ID \_\_\_\_\_  
 Location or Legal Description \_\_\_\_\_  
 \_\_\_\_\_  
 Soil Type/O.M. \_\_\_\_\_  
 Crop/Variety \_\_\_\_\_  
 Previous Crop/Variety \_\_\_\_\_  
 Seeding Rate \_\_\_\_\_ Final Population \_\_\_\_\_  
 Planting Date \_\_\_\_\_ Harvest Date \_\_\_\_\_  
 Expected Yield \_\_\_\_\_ Actual \_\_\_\_\_  
 % Moisture \_\_\_\_\_


\*\*\*Note\*\*\*

If a spot treatment (less than 1/10 acre) application is made, write "spot" in "size of area treated" and fill in requirements marked with an \*.

Application	#1	#2	#3	#4
*Application date				
*Pesticide product name				
*Pesticide EPA reg. no.				
*Total RUP applied				
Applicator's name (from master list, page 3)				
Crop, commodity or site				
Size of treated area				
Conditions (wind, temperature, etc.)				





Field Record #9 Year \_\_\_\_\_ Field Size \_\_\_\_\_

Field ID \_\_\_\_\_

Location or Legal Description \_\_\_\_\_

Soil Type/O.M. \_\_\_\_\_

Crop/Variety \_\_\_\_\_

Previous Crop/Variety \_\_\_\_\_

Seeding Rate \_\_\_\_\_ Final Population \_\_\_\_\_

Planting Date \_\_\_\_\_ Harvest Date \_\_\_\_\_

Expected Yield \_\_\_\_\_ Actual \_\_\_\_\_

% Moisture \_\_\_\_\_


\*\*\*Note\*\*\*

If a spot treatment (less than 1/10 acre) application is made, write "spot" in "size of area treated".

Application	#1	#2	#3	#4
*Application date				
*Pesticide product name				
*Pesticide EPA reg. no.				
*Total RUP applied				
Applicator's name (from master list, page 3)				
Crop, commodity or site				
Size of treated area				
Conditions (wind, temperature, etc.)				



50 Field Record #10 Year \_\_\_\_\_ Field Size \_\_\_\_\_  
 Field ID \_\_\_\_\_  
 Location or Legal Description \_\_\_\_\_  
 \_\_\_\_\_  
 Soil Type/O.M. \_\_\_\_\_  
 Crop/Variety \_\_\_\_\_  
 Previous Crop/Variety \_\_\_\_\_  
 Seeding Rate \_\_\_\_\_ Final Population \_\_\_\_\_  
 Planting Date \_\_\_\_\_ Harvest Date \_\_\_\_\_  
 Expected Yield \_\_\_\_\_ Actual \_\_\_\_\_  
 % Moisture \_\_\_\_\_


\*\*\*Note\*\*\*

If a spot treatment (less than 1/10 acre) application is made, write "spot" in "size of area treated" and fill in requirements marked with an \*.

Application	#1	#2	#3	#4
*Application date				
*Pesticide product name				
*Pesticide EPA reg. no.				
*Total RUP applied				
Applicator's name (from master list, page 3)				
Crop, commodity or site				
Size of treated area				
Conditions (wind, temperature, etc.)				





## Spray Boom Calibration

1. Use chart for distance to drive in the field. Use nozzle spacing for booms. For directed and band rigs use the row spacing.
2. Set throttle for spraying and operate all equipment. Note seconds required to drive measured distance.
3. Catch spray for the noted time in Step 2 in container marked in ounces. If boom, catch spray from one nozzle during noted time. On directed rigs, catch spray from all nozzles per row for noted time.
4. Nozzle or nozzle group output in ounces = gallons/acre actually applied.
5. Repeat for each nozzle to assure uniform distribution. Replace any nozzles whose output is greater than 10 % of the average of all nozzles.

Row Width or Nozzle Spacing (in.)	Distance (ft.)	Row Width or Nozzle Spacing (in.)	Distance (ft.)
40	102	26	157
38	107	24	170
36	113	22	185
34	120	20	204
32	127	18	227
30	136	16	255
28	146	14	291

## Pesticide Safety Telephone Hotlines

### Emergency Telephone Numbers (open 24 hours)

The Poison Center, Omaha **(800) 955-9119**  
- for aid in human poisoning cases

CHEMTREC **(800) 424-9300**  
Pesticide Accident Hotline  
- for help involving spills, leaks & fires

Nebraska State Patrol **(800) 525-5555**  
- to report chemical spills or releases  
- to report motor vehicle accidents

### Non-Emergency Telephone Numbers

National Pesticide Telecommunications  
Network **(800) 858-7378**  
- for medical and consumer information on pesticides  
8 a.m. - 6 p.m. CST Monday - Friday.

CHEMTREC Center for Non-Emergency  
Services **(800) 262-8200**  
- referrals on health and safety related to chemicals,  
8 a.m. - 5 p.m. CST Monday - Friday.