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Recordkeeping System for Crop Production – Annual Record Book
Pocket Sized

Cooperative Extension Service

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Reprinted March 2001

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Michigan State University Extension

Recordkeeping System for Crop Production

Annual Record Book
Year _____

Extension Bulletin E-2341 • Reprinted March 2001

**Recordkeeping
System for
Crop Production**

Index for Individual Fields

Field No.	Field ID	Field Description/Location
1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____
5.	_____	_____
6.	_____	_____
7.	_____	_____
8.	_____	_____
9.	_____	_____
10.	_____	_____

Index for Individual Fields (continued)

Field No.	Field ID	Field Description/Location
11.	_____	_____
12.	_____	_____
13.	_____	_____
14.	_____	_____
15.	_____	_____
16.	_____	_____
17.	_____	_____
18.	_____	_____
19.	_____	_____
20.	_____	_____

Laws Related to Pesticide Recordkeeping

The federal pesticide recordkeeping regulations and the worker protection standard are laws that require recording certain pesticide application information. Michigan Right To Farm "generally accepted agricultural and management practices" advocate keeping some additional records to reduce liability, but these practices are voluntary. **In the Pesticide Applications chart for individual field records, required and recommended information items are in bold print, in addition to required pesticide and applicator information in the following charts.**

1. The federal pesticide recordkeeping regulations require that you record any restricted use pesticide (RUP) applications within 14 days of the application and that you keep the records for two years.
2. The worker protection standard requires that you post application information for at least 30 days after the end of the restricted-entry interval (REI). For more information about laws related to pesticide recordkeeping, contact your county Michigan State University Extension office.

Required Pesticide Information

	Pesticide Name and Formulation	EPA Registration Number	Active Ingredients	REI (hrs.)
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				

Required Pesticide Information (continued)

Pesticide Name and Formulation	EPA Registration Number	Active Ingredients	REI (hrs.)
14.			
15.			
16.			
17.			
18.			
19.			
20.			
21.			
22.			
23.			
24.			
25.			
26.			

Pesticide Applicator Information

Applicator Name	Certification Number
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	

Calibration of Application Equipment

To apply the correct amount of fertilizers, pesticides, ag lime, and/or animal manures to your field, application equipment should be calibrated. For proper management of nutrients and pesticides, the amounts per acre applied should be known. This will ensure efficient utilization of these materials for crop production and minimal risk of environmental pollution.

For guidance regarding procedures that can be followed to accomplish calibration of equipment, contact your county Michigan State University Extension office.

Date of last "fertilizer spreader" calibration

Name of 1st Spreader _____ Month _____ Year _____

Name of 2nd Spreader _____

Date of last "pesticide applicator" calibration

Name of 1st Applicator _____

Name of 2nd Applicator _____

Date of last "manure spreader" calibration

Name of 1st Spreader _____

Name of 2nd Spreader _____

Field ID _____ Acres _____

Crop Production Plans

Crop _____ Pesticide _____
 Nutrients Needed (lb/acre) N _____ P₂O₅ _____ K₂O _____

Planting Information

Planting Date _____
 Population/seeding rate used _____
 Tillage used _____

Fertilizer/Lime Application

Date	Type & Analysis	Rate Applied	Method of Application

Manure Applied*

Date	Source of Manure	No. of Loads	Spreader used	Speed (mph)	Spreader Setting

Manure incorporated on (Date) _____

* If the whole field was not covered, note area treated on the Field Sketch.

Notes or Harvest Information

Date	Notes or Harvest Information

Pesticide Applications

	1st	2nd	3rd
Date (Month/Day/Year)			
Time Application Completed			
Chemical Applied (Trade Name and Formulation)			
Rate per Acre**			
Total Amount Applied			
Carriers, Additives Used†			
Method of Application*, **			
Target Pest**			
Crop Growth Stage†			
Wind Speed†			
Wind Direction†			
Temperature†			
Name of Applicator			

*If the whole field was not covered, note area treated on the Field Sketch. †Not required.
 **Recommended by Right To Farm management practices but not required by Federal law.

Field Sketch

4th

5th

Field ID _____ Acres _____

Crop Production Plans

Crop _____ Pesticide _____

Nutrients Needed (lb/acre) N _____ P₂O₅ _____ K₂O _____

Planting Information

Planting Date _____

Population/seeding rate used _____

Tillage used _____

Fertilizer/Lime Application

Date	Type & Analysis	Rate Applied	Method of Application

Manure Applied*

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Manure incorporated on (Date) _____

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Notes or Harvest Information

Date

Field Sketch

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Pesticide Applications

	1st	2nd	3rd
Date (Month/Day/Year)			
Time Application Completed			
Chemical Applied (Trade Name and Formulation)			
Rate per Acre**			
Total Amount Applied			
Carriers, Additives Used†			
Method of Application*, **			
Target Pest**			
Crop Growth Stage†			
Wind Speed†			
Wind Direction†			
Temperature†			
Name of Applicator			

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4th

5th

Field ID _____ Acres _____

Crop Production Plans

Crop _____ Pesticide _____

Nutrients Needed (lb/acre) N _____ P₂O₅ _____ K₂O _____

Planting Information

Planting Date _____

Population/seeding rate used _____

Tillage used _____

Fertilizer/Lime Application

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Notes or Harvest Information

Date	Notes or Harvest Information

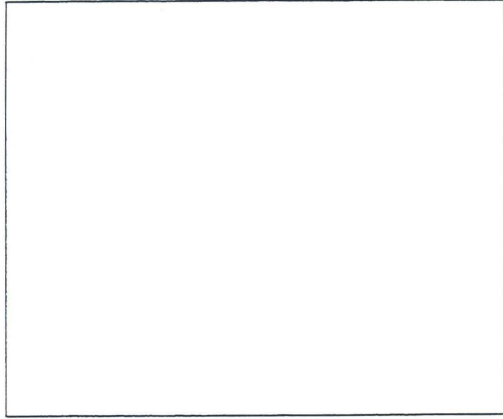
Pesticide Applications

1st 2nd 3rd

Date (Month/Day/Year)			
Time Application Completed			
Chemical Applied (Trade Name and Formulation)			
Rate per Acre**			
Total Amount Applied			
Carriers, Additives Used†			
Method of Application*, **			
Target Pest**			
Crop Growth Stage†			
Wind Speed†			
Wind Direction†			
Temperature†			
Name of Applicator			

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Field Sketch



4th	5th

4

Field ID _____ Acres _____

Crop Production Plans

Crop _____ Pesticide _____
Nutrients Needed (lb/acre) N _____ P₂O₅ _____ K₂O _____

Planting Information

Planting Date _____
Population/seeding rate used _____
Tillage used _____

Fertilizer/Lime Application

Date	Type & Analysis	Rate Applied	Method of Application

Manure Applied*

Date	Source of Manure	No. of Loads	Spreader used	Speed (mph)	Spreader Setting

Manure incorporated on (Date) _____

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Notes or Harvest Information

Notes or Harvest Information	Date

4

Pesticide Applications

1st 2nd 3rd

Date (Month/Day/Year)			
Time Application Completed			
Chemical Applied (Trade Name and Formulation)			
Rate per Acre**			
Total Amount Applied			
Carriers, Additives Used†			
Method of Application*, **			
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Wind Direction†			
Temperature†			
Name of Applicator			

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Field Sketch

4th 5th

Field ID _____ Acres _____

Crop Production Plans

Crop _____ Pesticide _____
Nutrients Needed (lb/acre) N _____ P₂O₅ _____ K₂O _____

Planting Information

Planting Date _____
Population/seeding rate used _____
Tillage used _____

Fertilizer/Lime Application

Date	Type & Analysis	Rate Applied	Method of Application

Manure Applied*

Date	Source of Manure	No. of Loads	Spreader used	Speed (mph)	Spreader Setting

Manure incorporated on (Date) _____

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Notes or Harvest Information

Date

Pesticide Applications

	1st	2nd	3rd
Date (Month/Day/Year)			
Time Application Completed			
Chemical Applied (Trade Name and Formulation)			
Rate per Acre**			
Total Amount Applied			
Carriers, Additives Used†			
Method of Application*, **			
Target Pest**			
Crop Growth Stage†			
Wind Speed†			
Wind Direction†			
Temperature†			
Name of Applicator			

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Field Sketch

4th	5th



Field ID

6

Acres

Crop Production Plans

Crop _____ Pesticide _____

Nutrients Needed (lb/acre) N _____ P₂O₅ _____ K₂O _____

Planting Information

Planting Date _____

Population/seeding rate used _____

Tillage used _____

Fertilizer/Lime Application

Date	Type & Analysis	Rate Applied	Method of Application

Manure Applied*

Date	Source of Manure	No. of Loads	Spreader used	Speed (mph)	Spreader Setting

Manure incorporated on (Date) _____

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Notes or Harvest Information

Date

Pesticide Applications

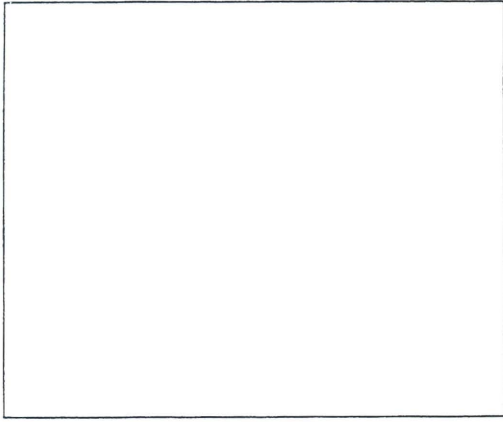
1st 2nd 3rd

Date (Month/Day/Year)			
Time Application Completed			
Chemical Applied (Trade Name and Formulation)			
Rate per Acre**			
Total Amount Applied			
Carriers, Additives Used†			
Method of Application*, **			
Target Pest**			
Crop Growth Stage†			
Wind Speed†			
Wind Direction†			
Temperature†			
Name of Applicator			

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Field Sketch

4th 5th



Pesticide Applications

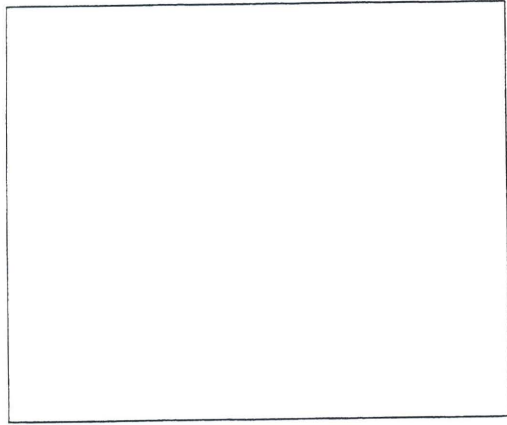
1st 2nd 3rd

Date (Month/Day/Year)			
Time Application Completed			
Chemical Applied (Trade Name and Formulation)			
Rate per Acre**			
Total Amount Applied			
Carriers, Additives Used†			
Method of Application*, **			
Target Pest**			
Crop Growth Stage†			
Wind Speed†			
Wind Direction†			
Temperature†			
Name of Applicator			

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Field Sketch



	4th	5th

Field ID _____ Acres _____

Crop Production Plans

Crop _____ Pesticide _____
 Nutrients Needed (lb/acre) N _____ P₂O₅ _____ K₂O _____

Planting Information

Planting Date _____
 Population/seeding rate used _____
 Tillage used _____

Fertilizer/Lime Application

Date	Type & Analysis	Rate Applied	Method of Application

Manure Applied*

Date	Source of Manure	No. of Loads	Spreader used	Speed (mph)	Spreader Setting

Manure incorporated on (Date) _____

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Notes or Harvest Information

Notes or Harvest Information	Date

Pesticide Applications

1st 2nd 3rd

Date (Month/Day/Year)			
Time Application Completed			
Chemical Applied (Trade Name and Formulation)			
Rate per Acre**			
Total Amount Applied			
Carriers, Additives Used†			
Method of Application*, **			
Target Pest**			
Crop Growth Stage†			
Wind Speed†			
Wind Direction†			
Temperature†			
Name of Applicator			

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Field Sketch

4th 5th

Field ID _____ Acres _____
 Crop Production Plans
 Crop _____ Pesticide _____
 Nutrients Needed (lb/acre) N _____ P₂O₅ _____ K₂O _____

Planting Information
 Planting Date _____
 Population/seeding rate used _____
 Tillage used _____

Fertilizer/Lime Application

Date	Type & Analysis	Rate Applied	Method of Application

Manure Applied*

Date	Source of Manure	No. of Loads	Spreader used	Speed (mph)	Spreader Setting

Manure incorporated on (Date) _____

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Notes or Harvest Information

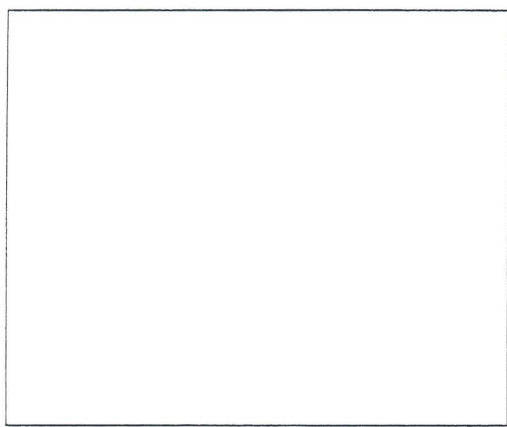
Date	Notes or Harvest Information

Pesticide Applications

	1st	2nd	3rd
Date (Month/Day/Year)			
Time Application Completed			
Chemical Applied (Trade Name and Formulation)			
Rate per Acre**			
Total Amount Applied			
Carriers, Additives Used†			
Method of Application*, **			
Target Pest**			
Crop Growth Stage†			
Wind Speed†			
Wind Direction†			
Temperature†			
Name of Applicator			

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Field Sketch



5th

4th



Field ID _____ Acres _____

Crop _____ Pesticide _____

Nutrients Needed (lb/acre) N _____ P₂O₅ _____ K₂O _____

Planting Information

Planting Date _____

Population/seeding rate used _____

Tillage used _____

Fertilizer/Lime Application

Date	Type & Analysis	Rate Applied	Method of Application

Manure Applied*

Date	Source of Manure	No. of Loads	Spreader used	Speed (mph)	Spreader Setting

Manure incorporated on (Date) _____

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Notes or Harvest Information

Date

Field ID _____ Acres _____

11 Crop Production Plans

Crop _____ Pesticide _____
 Nutrients Needed (lb/acre) N _____ P₂O₅ _____ K₂O _____

Planting Information

Planting Date _____
 Population/seeding rate used _____
 Tillage used _____

Fertilizer/Lime Application

Date	Type & Analysis	Rate Applied	Method of Application

Manure Applied*

Date	Source of Manure	No. of Loads	Spreader used	Speed (mph)	Spreader Setting

Manure incorporated on (Date) _____

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Notes or Harvest Information

Date

Field Sketch

5th

4th

Pesticide Applications

3rd

2nd

1st

Date (Month/Day/Year)			
Time Application Completed			
Chemical Applied (Trade Name and Formulation)			
Rate per Acre**			
Total Amount Applied			
Carriers, Additives Used†			
Method of Application*, **			
Target Pest**			
Crop Growth Stage†			
Wind Speed†			
Wind Direction†			
Temperature†			
Name of Applicator			

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Field ID _____ Acres _____
 Crop Production Plans
 Crop _____ Pesticide _____
 Nutrients Needed (lb/acre) N _____ P₂O₅ _____ K₂O _____

Planting Information

Planting Date _____
 Population/seeding rate used _____
 Tillage used _____

Fertilizer/Lime Application

Date	Type & Analysis	Rate Applied	Method of Application

Manure Applied*

Date	Source of Manure	No. of Loads	Spreader used	Speed (mph)	Spreader Setting

Manure incorporated on (Date) _____

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Notes or Harvest Information

Pesticide Applications

1st 2nd 3rd

Date (Month/Day/Year)			
Time Application Completed			
Chemical Applied (Trade Name and Formulation)			
Rate per Acre**			
Total Amount Applied			
Carriers, Additives Used†			
Method of Application*, **			
Target Pest**			
Crop Growth Stage†			
Wind Speed†			
Wind Direction†			
Temperature†			
Name of Applicator			

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Field Sketch

4th 5th

Field ID _____ Acres _____

Crop Production Plans

Crop _____ Pesticide _____
 Nutrients Needed (lb/acre) N _____ P₂O₅ _____ K₂O _____

Planting Information

Planting Date _____
 Population/seeding rate used _____
 Tillage used _____

Fertilizer/Lime Application

Date	Type & Analysis	Rate Applied	Method of Application

Manure Applied*

Date	Source of Manure	No. of Loads	Spreader used	Speed (mph)	Spreader Setting

Manure incorporated on (Date) _____

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Notes or Harvest Information

Date	Notes or Harvest Information

Pesticide Applications

	1st	2nd	3rd
Date (Month/Day/Year)			
Time Application Completed			
Chemical Applied (Trade Name and Formulation)			
Rate per Acre**			
Total Amount Applied			
Carriers, Additives Used†			
Method of Application*, **			
Target Pest**			
Crop Growth Stage†			
Wind Speed†			
Wind Direction†			
Temperature†			
Name of Applicator			

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Field Sketch

4th

5th

Field ID

14

Acres

14 Crop Production Plans

Crop _____ Pesticide _____
Nutrients Needed (lb/acre) N _____ P₂O₅ _____ K₂O _____

Planting Information

Planting Date _____
Population/seeding rate used _____
Tillage used _____

Fertilizer/Lime Application

Date	Type & Analysis	Rate Applied	Method of Application

Manure Applied*

Date	Source of Manure	No. of Loads	Spreader used	Speed (mph)	Spreader Setting

Manure incorporated on (Date) _____

* If the whole field was not covered, note area treated on the Field Sketch.

Notes or Harvest Information

Date

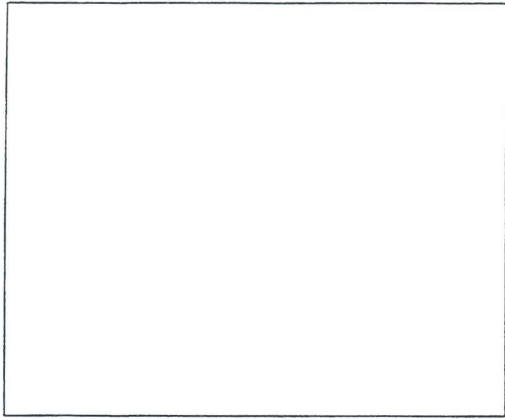
Pesticide Applications

1st 2nd 3rd

Date (Month/Day/Year)			
Time Application Completed			
Chemical Applied (Trade Name and Formulation)			
Rate per Acre**			
Total Amount Applied			
Carriers, Additives Used†			
Method of Application*, **			
Target Pest**			
Crop Growth Stage†			
Wind Speed†			
Wind Direction†			
Temperature†			
Name of Applicator			

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Field Sketch



4th 5th

Field ID _____ Acres _____

15 Crop Production Plans

Crop _____ Pesticide _____
 Nutrients Needed (lb/acre) N _____ P₂O₅ _____ K₂O _____

Planting Information

Planting Date _____
 Population/seeding rate used _____
 Tillage used _____

Fertilizer/Lime Application

Date	Type & Analysis	Rate Applied	Method of Application

Manure Applied*

Date	Source of Manure	No. of Loads	Spreader used	Speed (mph)	Spreader Setting

Manure incorporated on (Date) _____

* If the whole field was not covered, note area treated on the Field Sketch.

Notes or Harvest Information

Date

Field ID _____ Acres _____

16 Crop Production Plans

Crop _____ Pesticide _____

Nutrients Needed (lb/acre) N _____ P₂O₅ _____ K₂O _____

Planting Information

Planting Date _____

Population/seeding rate used _____

Tillage used _____

Fertilizer/Lime Application

Date	Type & Analysis	Rate Applied	Method of Application

Manure Applied*

Date	Source of Manure	No. of Loads	Spreader used	Speed (mph)	Spreader Setting

Manure incorporated on (Date) _____

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Notes or Harvest Information

Notes or Harvest Information	Date

Field ID _____ Acres _____

17 Crop Production Plans

Crop _____ Pesticide _____

Nutrients Needed (lb/acre) N _____ P₂O₅ _____ K₂O _____

Planting Information

Planting Date _____

Population/seeding rate used _____

Tillage used _____

Fertilizer/Lime Application

Date	Rate Applied	Method of Application

Manure Applied*

Date	Source of Manure	No. of Loads	Spreader used	Speed (mph)	Spreader Setting

Manure incorporated on (Date) _____

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Notes or Harvest Information

Date

Field ID _____ Acres _____

18 Crop Production Plans

Crop _____ Pesticide _____
 Nutrients Needed (lb/acre) N _____ P₂O₅ _____ K₂O _____

Planting Information

Planting Date _____
 Population/seeding rate used _____
 Tillage used _____

Fertilizer/Lime Application

Date	Type & Analysis	Rate Applied	Method of Application

Manure Applied*

Date	Source of Manure	No. of Loads	Spreader used	Speed (mph)	Spreader Setting

Manure incorporated on (Date) _____

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Notes or Harvest Information

Notes or Harvest Information	Date

Field Sketch

4th

5th

Pesticide Applications

1st

2nd

3rd

Date (Month/Day/Year)				
Time Application Completed				
Chemical Applied (Trade Name and Formulation)				
Rate per Acre**				
Total Amount Applied				
Carriers, Additives Used†				
Method of Application*. **				
Target Pest**				
Crop Growth Stage†				
Wind Speed†				
Wind Direction†				
Temperature†				
Name of Applicator				

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Field ID _____ Acres _____

19 Crop Production Plans

Crop _____ Pesticide _____
 Nutrients Needed (lb/acre) N _____ P₂O₅ _____ K₂O _____

Planting Information

Planting Date _____
 Population/seeding rate used _____
 Tillage used _____

Fertilizer/Lime Application

Date	Type & Analysis	Rate Applied	Method of Application

Manure Applied*

Date	Source of Manure	No. of Loads	Spreader used	Speed (mph)	Spreader Setting

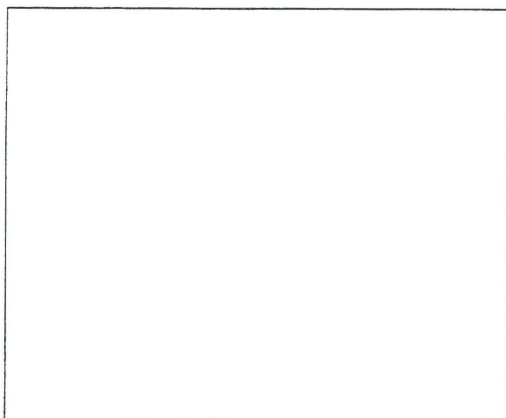
Manure incorporated on (Date) _____

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Notes or Harvest Information

Date

Field Sketch



5th

4th

3rd

2nd

1st

Pesticide Applications

Date (Month/Day/Year)			
Time Application Completed			
Chemical Applied (Trade Name and Formulation)			
Rate per Acre**			
Total Amount Applied			
Carriers, Additives Used†			
Method of Application*, **			
Target Pest**			
Crop Growth Stage†			
Wind Speed†			
Wind Direction†			
Temperature†			
Name of Applicator			

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Field ID _____ Acres _____

Crop Production Plans

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 Nutrients Needed (lb/acre) N _____ P₂O₅ _____ K₂O _____

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Planting Date _____
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Manure incorporated on (Date) _____

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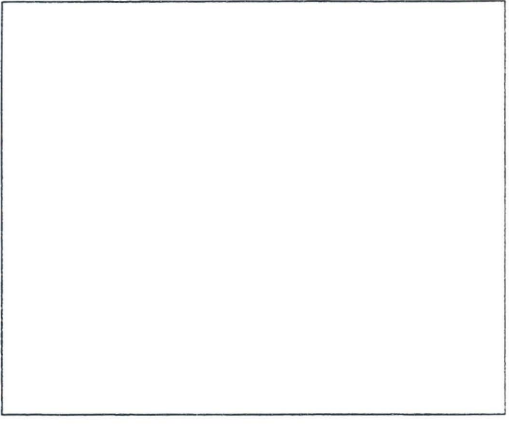
Date

Pesticide Applications

	1st	2nd	3rd
Date (Month/Day/Year)			
Time Application Completed			
Chemical Applied (Trade Name and Formulation)			
Rate per Acre**			
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Carriers, Additives Used†			
Method of Application*, **			
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Crop Growth Stage†			
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Wind Direction†			
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Name of Applicator			

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Field Sketch



4th

3rd

2nd

1st

5th

Notes

Notes

Notes

This is one component of a paper Recordkeeping System for Crop Production. The total system includes Annual Record Books (*E-2341, pocket-size and E-2342, full-size*), Field File Folders (*E-2343*), Manure Management Sheets (*E-2344, 4 sheets*), and Enhanced Recordkeeping Sheets (*E-2345, 3 sheets*). The MSU bulletin, "Recordkeeping System for Crop Production," (*E-2340*) explains the use of the system.

This effort was supported in part by funds from the Michigan Agricultural Experiment Station. Additional funds were provided by MSU Extension and the Michigan Department of Agriculture through the Michigan Energy Conservation Program (MECP).

**MICHIGAN STATE
UNIVERSITY
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