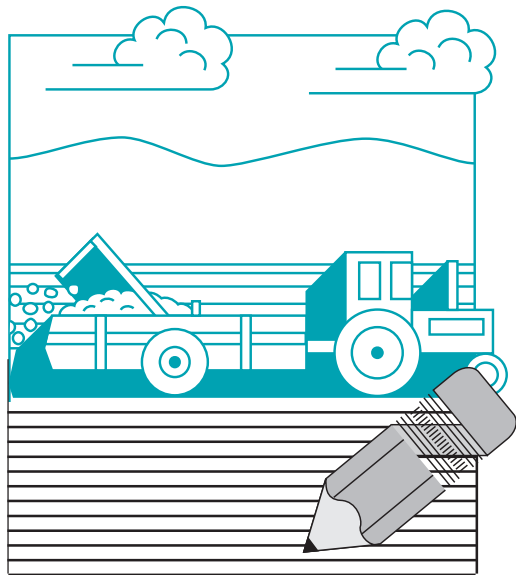


---

Date, Rate, and Place

# The Field Book for Dairy Manure Applicators

PNW 506 • Reprinted June 2001



## Contents

How to use this book .....	1
What's inside .....	2
Manure application records	
Examples .....	3
Blank record sheets .....	8
Calibrating manure applications .....	49
Worksheets .....	50
Typical manure nutrient concentrations .....	58
Manure quick test records	
Example .....	60
Blank record sheets .....	61
Conversion factors for manure application rates .....	63
Sampling manure for nutrient analysis .....	64
For more information .....	66

---

Prepared by Dan M. Sullivan, Extension soil scientist, Oregon State University; Craig G. Cogger, Extension soil scientist, Washington State University; and Andy I. Bary, scientific assistant, Washington State University.

## How to Use this Book

Field record-keeping is a key part of manure management. It includes where manure was applied, how much, and when. Good records help you make the most of your farm's manure. They give you the information you need to plan, carry out, and refine management.

Manure record-keeping often is a neglected task, but it can be done easily. In the long run, it can save you time, energy, and money.

This field book provides a simple format for recording manure applications. You can record applications

using convenient units such as number of spreader loads or inches of slurry.

**This book is for field use.** We suggest you keep it in your ...pickup or wherever it's handy for making a few notes each application day.

To use your records for nutrient management, you will need to convert the field units (e.g., spreader loads per acre) into nutrient application rates (lb nutrients/acre). Call upon local experts (extension agents, consultants, conservation district or NRCS staff) for assistance.

## What's Inside

The first section of the book is for your use in record-keeping. It includes:

- Blank manure application record sheets. Use these to record manure application data on a field-by-field basis. These sheets include space to note the type, date, location, and amount of manure applied.
- Examples of manure records for different manure handling systems

We included a “manure management tip” at the bottom of each blank record sheet as food for thought.

The second section of the book contains supplemental information for manure management, including:

- Ways to calibrate manure application equipment
- Typical manure nutrient concentrations for different handling systems
- Tables for recording manure nitrogen quick-test results

- Conversion factors for manure application rates
- Instructions for sampling manure for nutrient analysis
- Suggested sources for more information



Date	Crop Stage	Manure Type	Amount	Comments

**Tip**

**1** *Apply manure to grass at least 30 days before cutting so disease-causing bacteria and viruses will die off. Applying manure within 7 days after cutting reduces the chance of smothering grass and slowing regrowth.*