

Disadvantages of Pesticide Recordkeeping

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Disadvantages of Pesticide Recordkeeping

- **Actually, *in my opinion*, the biggest disadvantages of pesticide recordkeeping come to those who are *not* recording *all* of their applications and *not* keeping additional elements in their application record.**

Pesticide Recordkeeping

- **Don't just keep records of your Restricted Use Pesticide applications – keep records of *all* of your pesticide applications.**

Pesticide Recordkeeping

- **Keep additional record elements for YOU, ones that allow you to manage your pesticides, and your pests, better.**

Pesticide Recordkeeping

- **Keep three identifiers for every pesticide you use – you will always be in compliance with the regs.**

Pesticide Recordkeeping

- The **Product** or **Brand (Trade)** name
- The **Common Chemical** name of the **active ingredient**
- The **EPA Registration No.**
- ***They're all on the label!***

Pesticide Recordkeeping

- **Spray pressure**
- **Nozzle type, size**
- **Nozzle spacing**
- **Boom height**

Pesticide Recordkeeping

- **Tractor speed or RPMs**
- **Other pertinent equipment settings**
- **Amount of water used**
- **Tank mix/adjuvants**

Pesticide Recordkeeping

- **Crop information**
 - **Crop stage** (vegetative, reproductive, height, etc.)
 - **Planting date and/or predicted days to harvest**
 - **Irrigation information**

Pesticide Recordkeeping

- **Weather information**
 - **Recent rainfall amount**
 - **Temperature**
 - **Heat unit (day degree) info**
 - **Wind speed (anemometer)**

Pesticide Recordkeeping

- **Pest density** (insects or weeds)
- **Other pests** (insects or weeds)
- **Beneficial insects?**

Pesticide Recordkeeping

- **Anything unusual during the application.**
 - **Equipment problems**
 - **Exposures; who, how**

Pesticide Recordkeeping

- **Restrictions**
 - **Buffers, set backs on label**
 - **Wind speeds**
 - **Materials, rates on soil type.**

Advantages of Pesticide Recordkeeping

- **Evaluate effectiveness of your control efforts**
 - **Comparison of strategies**
 - **Rates**
 - **How applied**

Advantages of Pesticide Recordkeeping

- **Trouble shoot problems, control failures**
 - **Phytotoxicity**
 - **Spotty control**
 - **Lack of control**
 - ***Resistance?***

Advantages of Pesticide Recordkeeping

- ***Resistance management now may be one of the most important aspects of recordkeeping.***

Advantages of Pesticide Recordkeeping

- **Documentation of pest response to control efforts.**

Advantages of Pesticide Recordkeeping

- **Manage your purchase of pesticides.**
 - **Buying only what you need**
 - **Work to eliminate disposal of unwanted materials**

Advantages of Pesticide Recordkeeping

- **Better crop rotation decisions**
 - **Plant-back restrictions**
 - **Past pest problems**

Advantages of Pesticide Recordkeeping

- **Carry-over injury issues.**

Advantages of Pesticide Recordkeeping

- **Documents your proper, legal use of pesticides.**
 - Injuries/exposures
 - Drift
- ***NOT* having records is not a good defense!**

Advantages of Pesticide Recordkeeping

- **Ability to provide needed information in a medical emergency**
 - **A requirement**
 - **Just a good idea**

Advantages of Pesticide Recordkeeping

- **Public concerns - *documents your use of pesticides***
 - Document reduced use
 - Document alternate materials
 - Document necessary use

Advantages of Pesticide Recordkeeping

- **Ability to contribute data to needs information for pesticide regulatory decisions.**

Advantages of Pesticide Recordkeeping

- **Some day you may sell the farm...**
 - **Lending institutions want to know...**
 - **Some lending institutions *NOT* making loans on agricultural land.**

Advantages of Pesticide Recordkeeping

- **Sporadic pests** - they come and go...
 - what did you use?
 - what rate did you use?
 - how did it work?
 - *can you still use it?!*

Advantages of Pesticide Recordkeeping

- **Sporadic pests** - they come and go...
 - Lets you do a repeat performance of a good job

Advantages of Pesticide Recordkeeping

- **Who applies, has applied pesticides on your operation?**
- **Who might in the future?**
- **Memories...**

Advantages of Pesticide Recordkeeping

- **Resistance management**
- **Trouble-shot problems**
- **Repeat successes**
- **Contribute information for regulatory decisions**
- **Emergency information**
- **History for purchase loans**

Advantages of Pesticide Recordkeeping

Keep them forever!