

Recordkeeping... A necessity or a tool?

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Both!

- ▶ Commercial applicators – all applications
- ▶ Private applicator–required by law for RUP’s
- ▶ Growers applying GUP’s if WPS applies
- ▶ Provides liability protection
- ▶ Needed to compile a Pest Management Plan
- ▶ Requested in real estate transfers
- ▶ Used to justify insurance claims
- ▶ Aids in management decisions
- ▶ Assists medical personnel when treating pesticide exposures



How long do you have to keep application records?

3 Years



Commercial applicators

- ▶ Records provided to client
 - Commercial applicators
- ▶ Internal recordkeeping
 - Commercial applicators
 - Registered Limited Commercial
 - Registered Public applicators



Commercial Records

<ul style="list-style-type: none"> ▶ Name/Address ▶ Target pest ▶ Site, crop, commodity, or structure ▶ Pesticide applied ▶ EPA registration # ▶ Dilution rate ▶ Application rate ▶ Carrier, if not water ▶ Date/time ▶ Name of applicator 	<ul style="list-style-type: none"> ▶ Nozzles/spacing/PSI ▶ Wind speed, wind direction, temp, rh ▶ Start/stop time ▶ Site conditions ▶ WPS notification?
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To Clients

Internal records

Centennial Ag Supply Co.
PO Box 557
Kersey, CO 80644 / 303-353-7567

Custom Application 565411
Invoiced

Farm ID: _____	Date: 06/15/2011	Time: 9:44 AM
Field ID: _____	Crop: CORN_FIELD	Acres: 105
Description: _____	County/Township: /	Placement: Pre/Post
Country/Range/Section: / /	Ship Via _____	

Product	Active Ingredient	EPA Registration #	Rate/Acre	Total
WATER			77.194 Lbs	8105 Lbs
Helix GT BULK		100-1282	57.600 Ozs	6048 Ozs
Astrix Nine-D 25# BAG	nutrient	100-985	500 Lbs	52.5 Lbs
FG N-Capsulate		EXEMPT	1.075 Lbs	113 Lbs
Ionic 2X2.5	Poly Amine	EXEMPT	6.400 Ozs	672 Ozs

of Batches: 1 Plan: Zone: RE 24
Applicator: _____ hrs Salesman: _____
Samples: _____
Comments: _____
Target Pests: KOCHA, LAMBSQUARTERS

Wind Applied: _____
Start Time: _____ Temp: _____ Wind Speed/Direction: _____
End Time: _____ Temp: _____ Most Speed/Direction: _____

Applicator Signature / License # / Exp Date: _____

Wind Water: _____ Yes/No
Grower Notification: _____ If Yes, Date: _____ Time: _____
Product Supplied By: _____
Previous Chem/Job: _____
Previous Grower: _____
Product Remaining? _____ If Yes, Explain: _____
Field Condition: Cloudy / Partly / Heavy / _____
Soil Condition: Wet / Dry / Normal / _____
Soil Texture: Fine / Medium / Coarse / _____

Invoice Statement

“Commercial Applicators are licensed by the Colorado Department of Agriculture.”

Must be 10 pt font on front of invoice, top or bottom

from 'Rules & Regulations Pertaining to the Administration & Enforcement of the Pesticide Applicators Act (Nov 2010)



Centennial Ag Supply Co. 419 South Huston Yuma CO 80759 970-848-0342 Fax: 970-848-0343		Invoice 314344 Invoice Date: 07/08/2011 Due Date: 08/15/2011 Customer ID: 3M89R	
MISC. CASH - BRANDON LAWS 419 S HUSTON YUMA, CO 80759		Branch/Line: YUMA Shipping Loc: ALL Prod ID: (Unknown Added by 5.0.0 conversion) Farm ID: 125 (CDRN_(FIELD)) Acct: 88214 Addr: 88214	
Comments:			
Quantity	Description	Unit Price	Total \$
4.696	Tons WATER		
15.581	Gal N-Capsule -BULK EPA#5038PPT		
3.006	Gal Ionic Bulk		
183.000	Doz Sulfur 48 US qt EPA# 7069-242		
27.344	Gal Roundup Power Max Bulk EPA# 824-548		
125.000	Acres Liquid Spraying		
079	Tons *Tonnage Tax, Colorado		
Commercial Applicators Are Licensed By Colorado Department of Agriculture		Sub Total: _____ Amount Due: _____	

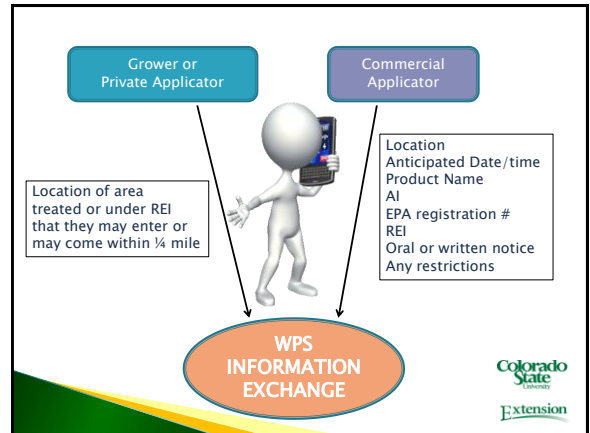


Private vs Commercial Applicators

- | | |
|---|--|
| <ul style="list-style-type: none"> ▶ Location of application ▶ XXXXXXXXXXXX ▶ Site, crop, commodity, or stored product ▶ Brand name ▶ EPA registration # ▶ XXXXXXXXXXXX ▶ Total amount applied ▶ XXXXXXXXXXXX ▶ Month, day, year ▶ Name/# of applicator | <ul style="list-style-type: none"> ▶ Name/Address ▶ Target pest ▶ Site, crop, commodity, or structure ▶ Pesticide applied ▶ EPA registration # ▶ Dilution rate ▶ Application rate ▶ Carrier, if not water ▶ Date/time ▶ Name of applicator |
|---|--|

Private Applicators

Commercial Applicators



Employers who must comply...

- ▶ Own or manage a farm, forest, nursery, or greenhouse
 - Apply pesticides (GUP or RUP)
 - Produce 'agricultural' crop
- ▶ Labor contractors
 - Tasks related to producing ag crop
- ▶ Commercial Pesticide Applicators
 - Handlers applying pesticides to ag crops
- ▶ Crop Advisors
 - Advising on farms, forests, nurseries, or greenhouses



Types of 'ag production' exempt from WPS requirements

- ▶ Pastures or rangeland
- ▶ Livestock & livestock operations
- ▶ Control vertebrate pests
- ▶ Harvested ag plants
- ▶ Public pest control programs (mosquito abatement)
- ▶ Plants grown for non-commercial purposes
- ▶ Ornamental gardens, golf courses, parks, etc. for decorative purposes
- ▶ Industrial Right-of-way & structural pest control
- ▶ For research of unregistered pesticides
- ▶ Workers in areas where plants have been injected with pesticides



When is WPS in effect?

Pesticide Application made



DIRECTIONS FOR USE

Agricultural Use Requirements
Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170.

This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on the label about personal protective equipment and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 hours:

• REI required for entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water as:

- coveralls,
- chemical-resistant gloves made of any water proof material,
- shoes (plus socks and protective eyewear)



What belongs at the Central Location?

- Employer **MUST** display
 - Pesticide safety poster
 - Emergency medical information



Central Location Postings: Pesticides Applications
Record all general and restricted use pesticides

Field Name	Crop	Application Date	Applicator	Brand Name	EPA Registration #	Acres Treated	Total Amount	Time Application Ended	Active Ingredient	REI Duration	REI Expires

- Listing of pesticide applications



Worker Protection Additions



- ▶ Time application ended
- ▶ Active ingredient(s)
- ▶ Restricted Entry Interval (REI)



Recordkeeping Options

- ▶ Software
- ▶ Paper
- ▶ Smartphone 'apps'

Not ONE specific way to do it...as long as all the REQUIRED 'elements' are present!



Central Location Postings: Pesticides Applications

Record all general and restricted use pesticides



Field Location/ Crop	Application Date	Applicator Initials	Brand Name	EPA Registration #	Acres Treated	Total Amount	Time Application Ended	Active Ingredient	REI Duration	REI Expires
GRW 2, 100 1/4 Corn	4/25 2018	CA	Balance Pro	264-000	120	300 oz	1:30 pm	imazafosate	12 hr	4/26 1:30 am

For recording applications made in several fields

The first 6 columns are required for RUP application records. The last four columns are additional information required for WPS compliance. For more information, visit www.csepp.colostate.edu or call (877) 491-3947

Pesticide Record Keeping Form

for Private Applications



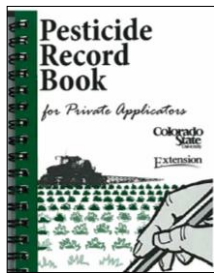
Field Name and Location _____
Crop: _____
Applicator Name: _____ Applicator ID Number: _____

Application Date	Brand Name	EPA Registration #	Acres Treated	Total Amount	Application Time	REI	Active Ingredient	Additive	Nozzle	Wind	Rate	GPA
EXAMPLE 6/10/2018	Balance Pro	264-000	120	300 oz	1:30 pm	12 hr	imazafosate	4432	88 8912	7 mph NW	2.0/18	20

For single field recording in a growing season

The first 5 rows and field name and location are required for RUP application records. Gray rows are additional information required for WPS compliance. Other information is optional. For more information, visit www.csepp.colostate.edu or call (877) 491-3947





Available in Electronic Form at:

<http://wsprod.colostate.edu/cwis435/WQ/pestrecordbook.htm>



Tips to make it 'easier'

- ▶ Fill out as much information as possible **BEFORE** the application
- ▶ Make a master list of pesticide products with EPA registration # and REI
- ▶ Private applicators have 2 weeks to complete records– DON'T WAIT!



Remember all those other reasons for keeping records!....

- ▶ Liability protection
- ▶ Pest Management Plan
- ▶ Real estate transfers
- ▶ Insurance claims
- ▶ Management decisions
- ▶ Treating pesticide exposures



Questions or Comments?



WWW.CEPEP.COLOSTATE.EDU

