

# 2011 Clean Pesticide Container Recycling Program



**Environmental responsibility** is the main motivator for approximately 40 dealers who participate in the MO-AG Clean Pesticide Container Recycling Program each year. This program is the only crop protection container collection program in Missouri.

In addition, the Missouri Department of Natural Resources has recognized our recycling program for its pollution prevention efforts.

MO-AG will coordinate this volunteer effort for Missouri agrichemical dealers and growers. If you have participated in the program before, we trust you will again join the recycling effort. Give this program serious consideration if you have not participated in the past.

**Why participate?** This nationally known program has a positive impact on all Missourians by providing a cleaner rural environment, increased longevity of landfills, and continued accessibility of agrichemicals. In addition

this year we will be able to accept your minibulk containers and containers up to and including 55 gallon drums.

The MO-AG Clean Pesticide Container Recycling Program is made possible by the volunteer efforts and monetary contributions of MFA Incorporated and Agri Services, chemical manufacturers, Ag Container Recycling Council (ACRC), and agrichemical facilities statewide.

**Be an environmental  
steward and join in the  
recycling effort.**

We know you  
share our

## Goals

- Educate dealers & growers in the proper methods of triple rinsing containers as required by law.
- Provide an environmentally sound method for disposal of used, triple rinsed containers.
- Protect surface and groundwater and the general environment.
- Provide economic advantages to users by extending their accessibility to crop protectants and avoiding waste of expensive products.
- Avoid mandated recycling programs.
- Contribute to a more attractive rural landscape.
- Provide a concrete way for dealers and growers to show they are actively working to safeguard the environment.

# A simple step-by-step process ensures the success of the program

**Step 1.** Triple rinse your own containers as you use them, according to the proper rinsing methods. *Containers not triple rinsed will not be accepted into our program and must be returned to the grower who furnished them.*

**Step 2.** You will receive collection bags by mail in which you can put your containers into. The collection bags should be able to hold approximately 50 2.5 gallon containers. Containers larger than 5 gallons, but smaller than 55 gallons will be accepted cut up or whole, but they must be rinsed in the same manner as the 2.5 gallon containers. They should not be placed in the collection bags however. Then place the triple rinsed containers in a location that is clean, dry and secure. **If you have containers larger than 55 gallons including minibulks you will need to contact CSN at 866-225-6629 to see if they will be accepted.** The Inspection Certificate that is required for CSN to pick up your minibulks can be accessed by going to [www.mo-ag.com/pesticidecontainerrecycling.html](http://www.mo-ag.com/pesticidecontainerrecycling.html).

**Step 3.** If you collect at least 2,000 2.5 gallon containers CSN will pick up your containers at your location. However, if you collect less than 2,000 2.5 gallon containers you will have to transport your containers to a collection site nearby. You will be notified by MO-AG when collection sites have been determined once all applications have been received. *Every attempt will be made to locate a collection site no further than 60 miles from your business, although this is not guaranteed.*

**Step 4.** After the containers have been collected and placed in the bags, the containers will be picked up by CSN according to the pick up schedule that you will be receiving by mail. **We have tentatively targeted the month of August for the pick up dates.**

**Questions?** If so, call us at 573-636-6130.

## How do I sign up?

**It's easy.** Enclosed is a Dealer Participation Agreement. Complete the form and return it to the MO-AG office with a donation of \$100. We'll stay in touch throughout the growing season to encourage accuracy and to notify you of collection dates and locations.

The cost for programs of this magnitude is never small; therefore, we are asking each participant to donate \$100 to participate in the program. This is a small price to pay to ensure the continued beauty and safety of our environment.

## Keep it Clean!

Only triple rinsed, dry, containers will be accepted into MO-AG's collection program. The containers must be free of chemical residue and dirt, sand, etc.

Dealers should not accept containers that are not triple rinsed from their growers, and the collection sites will not accept containers that are not triple rinsed from participating dealers. Rinsing should be done when filling the sprayer tank—preferably in the field or away from the pump or well head. The rinsate should be returned to the spray tank as spray diluent so it can be applied on the field.

Without proper rinsing, containers are classified as hazardous waste. Legally, unrinsed containers cannot be recycled nor disposed of in local landfills. Properly rinsed containers are classified as solid waste and can be put in a landfill or recycled.

All plastic containers of liquid crop protectants must be triple rinsed or pressure rinsed. See page 3.

## Recycling Partner

Container Services Network or (CSN) will be our recycling partner again this year. In 2011, CSN was awarded a 3 year contract with the Ag Container Recycling Council (ACRC) to recycle used crop protection containers in the 15 State Mid-West. CSN has made it possible that we will be able to accept your containers up to and including 55 gallon drums at the collection sites. If you have containers larger than 55 gallons you will need to contact CSN at 866-225-6629 to see if they will be accepted.

## Laws

**Federal Laws.** Rinsing of empty pesticide containers is a mandatory requirement under FIFRA (Federal Insecticide, Fungicide, Rodenticide Act). Additionally, rinsing enables the containers to qualify as non-hazardous waste according to Federal RCRA (Resource Conservation Recovery Act) regulations, allowing them to be recycled or put in landfills.

The FIFRA 1988 mandated that the EPA study options to "encourage or require the return, refill, and reuse of pesticide containers, and the development and use of bulk storage facilities to reduce the number of pesticide containers requiring disposal."

**State Laws.** The Missouri Air Conservation Commission Law, RSMO 643, is Missouri's open burning law. This law prohibits the burning of pesticide containers anywhere within the boundaries of the state. Triple rinsed pesticide containers are considered to be solid waste and can be recycled or disposed of in landfills.

## Triple Rinse Procedure

- 1.** Let crop protection containers drain an extra 30 seconds when emptying.
- 2.** Fill empty containers 1/5 to 1/4 full of water.
- 3.** Replace closure and rotate containers.
- 4.** Invert jug so the rinse reaches all inside surfaces.
- 5.** Drain rinse water from containers into spray tank.
- 6.** Let container drain 30 seconds.
- 7.** Repeat this process for a total of three times or until container is clean.
- 8.** Puncture the container so it cannot be reused.
- 9.** Apply rinsate as the last application in the field.

## Pressure Rinse Procedure

- 1.** Place empty plastic container in vertical position to drain into the spray tank.
- 2.** Push nozzle of the pressure rinsers through the bottom of the empty container.
- 3.** Rinse for 30 seconds.

**Remove and dispose of foil seals, lids, etc.. Lids, seals, boxes, etc., will not be accepted into this program.**

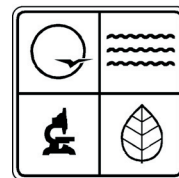
## Pressure Rinsers & Rinsing Systems

*Information provided for educational purposes only. References to commercial products or trade names is made with the understanding that no discrimination is intended and no endorsement is implied.*

Fertilizer Dealer Supply  
I-70 & Hwy 135, PO Box 107  
Boonville MO 65233  
660-882-5684

Riggins R-Co, LLC  
Hwy 65 N, PO Box 219  
Marshall MO 65340  
660-886-5575

This program is approved by the  
Missouri Department  
of Natural Resources.



# 2011 MO-AG Clean Pesticide Container Recycling Program Dealer Participation Agreement

Name of Facility \_\_\_\_\_

Contact Person \_\_\_\_\_ Telephone \_\_\_\_\_ County \_\_\_\_\_

Mailing Address \_\_\_\_\_ City/State/Zip \_\_\_\_\_

**I hereby make application to become a Participating Dealer in MO-AG's 2011 Clean Pesticide Container Recycling Program. As a Participating Dealer, I agree that I will perform the following activities:**

- Inform my growers of the recycling program, encourage them to participate, register them for the program.
- Educate my employees and growers on the proper methods of triple rinsing and pressure rinsing.
- Check each container returned by a grower for cleanliness.
- All containers that are not triple rinsed will be returned to the grower.
- Store the triple rinsed crop protection containers in a secure, dry, clean location.
- Transport my triple rinsed, dry containers and those of my growers to a collection site if needed.
- I will deliver only triple rinsed plastic crop protection containers.
- I understand that the containers will be checked for chemical residue, dirt, and sand at the collection site and all containers that are not triple rinsed will be returned to me.
- I understand every attempt will be made to locate a collection site no further than 60 miles from my business, although this is not guaranteed.
- I also understand that if I'm unable to transport the containers to the proper site on the specified day(s), I am responsible for their proper disposal.
- Dispose of packaging, lids, etc., in a proper manner.
- Maintain appropriate records concerning grower participation and number of containers collected.

**Program Guidelines:** If you collect **at least 2,000** 2.5 gallon containers CSN will pick up your containers at your location. However, if you collect **less than 2,000** 2.5 gallon containers you will have to transport your containers to a collection site nearby. **Be very careful when you estimate your containers as CSN reserves the right to charge you \$250 (transportation costs) if you claim to have 2,000 or more containers and you end up with less than 2,000. You will be contacted prior to pickup scheduling to get an updated container estimate in order to get an accurate container estimate.** Containers larger than 5 gallons, but up to and including 55 gallon drums and minibulks will be accepted cut up or whole, but they must rinsed in the same manner as the 2.5 gallon containers. They should not be placed in the collection bags however. If you have containers larger than 55 gallons you will need to contact CSN at 866-225-6629 to see if they will be accepted. The Inspection Certificate that is required for CSN to pick up your minibulks can be accessed by going to [www.mo-ag/pesticidecontainerrecycling.html](http://www.mo-ag/pesticidecontainerrecycling.html). You will be notified by MO-AG when collection sites and pickup dates have been determined once all applications have been received. **We have tentatively targeted the month of August for the pickup dates.** *Every attempt will be made to locate a collection site no further than 60 miles from your business, although this is not guaranteed.*

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**MO-AG is requesting a \$100 donation to become a participating dealer.**

I understand that donations to MO-AG are not tax-deductible for federal income tax purposes; however, they may be deductible as business expenses.

I estimate \_\_\_\_\_ (please indicate number) of my growers will participate in the program.

I estimate I will collect approximately \_\_\_\_\_ 2½ - gallon containers. **(Please be careful not to overestimate.** Estimate 6/10's of a cubic foot per 2½ - gallon container. A 40' van trailer holds approximately 4,000-5,000 containers.)

I estimate I will collect \_\_\_\_\_ (5-55 gallon) containers.

I estimate I will collect \_\_\_\_\_ minibulk containers. **(Please contact CSN at 866-225-6629 for more information.)**

**I am willing to serve as a collection site for other locations containers** \_\_\_\_ yes or \_\_\_\_ no (check one)

The details of the program as outlined in the attached information are hereby incorporated by reference. I understand this is a voluntary program that is being facilitated by MO-AG and other sponsoring companies. Therefore, neither MO-AG nor the other sponsors shall be held liable for any cause of action arising from this program. By my signature below I certify that I am duly authorized to enter into this agreement on behalf of my company.

Name (please print) \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_

Please return this form and your donation to MO-AG, P. O. Box 1728, Jefferson City, MO 65102 by **April 25, 2011.**  
Questions? Contact Jeff Leonard of MO-AG: 573/636-6130, [jleonard@mo-ag.com](mailto:jleonard@mo-ag.com)