

AGRICULTURAL MANAGEMENT ASSISTANCE PROGRAM (AMA)

MANURE TRANSFER / NUTRIENT MANAGEMENT PRACTICE

GUIDELINES (Revision 1)

BACKGROUND

Excess nutrients in the Chesapeake Bay drainage area are creating water quality problems in the Chesapeake Bay. This proposed AMA Nutrient Management / Litter Transfer Practice is intended to use surplus poultry litter as a soil amendment and also to protect the quality of water flowing to Chesapeake Bay. Transportation costs are limiting the use of excess poultry litter in areas outside the watershed. The practice will transfer poultry litter (broiler and turkey only) from Pendleton, Grant, Hardy, Hampshire and Mineral Counties to eligible areas of West Virginia outside of the Chesapeake Bay drainage area. It is also intended that this practice will be used to help promote the use of extended grazing, which will help to reduce the amount of time that livestock are confined. This will reduce the need for manure storage and handling on those farms using extended grazing. It is intended that this practice will result in improved water quality and will reduce the risk of landowners being in non-compliance of water quality standards, or of having more restrictive regulations developed.

LAND ELIGIBILITY – See AMA land eligibility, plus the items below:

Land in West Virginia that meets all of the following requirements:

- Pastureland, Hayland, Cropland
- Greater than 10 miles from a BUTA poultry operation
- Fifty feet from a river, stream, pond, sinkhole or property boundary
- One hundred feet from a well or spring

LAND NOT ELIGIBLE

- Land in Pendleton, Hardy, Mineral, Grant, Hampshire Counties.
- Land in Greenbrier and Monroe Counties and within a 10-mile radius of Danese, Fayette County is ineligible, due to Bio-security concerns.
- Other Bio-security areas may be identified at any time by the Commissioner of Agriculture.

LITTER USE AND STORAGE

- Litter transport to be limited to the months of April-September, and applied during the current growing season.
- Litter is to be properly applied only to cropland, hayland or pasture, based on a current Nutrient Management Plan, prepared by a WVDA Certified Nutrient Management Consultant according to the USDA NRCS Nutrient Management Standard (590).
- Priority will be given to those landowners with a planned Prescribed Grazing System and also to landowners with an extended grazing plan.
- Litter will be transported from the producer's site directly to the farm of intended use.
- Litter is not to be resold or fed to livestock
- Litter will be stored at an approved site
- If not spread on land within 3 days of delivery, stored litter must be covered to protect it from precipitation.

PAYMENT RATE

- Payment will be \$2.50 per loaded mile from the sending operation, for single loads of 15 tons or more. Maximum is 200 miles for AMA payment.
- Payment will be \$1.70 per loaded mile from the sending operation, for single loads of 10 to 14.9 tons. Maximum is 200 miles for AMA payment.

PROGRAM ADMINISTRATION

- The NRCS will administer the project in accordance with AMA program requirements.
- The NRCS DC will notify applicants of acceptance into the program.
- The NRCS will make cost-share payment after the DC receives a completed CCC-1245 Payment Application from the approved participant, with receipts, weigh tickets, and odometer readings from sending point to receiving point.

SIGN-UP

- Sign-up is continuous. The first ranking period will end July 9, 2004.
- Additional ranking periods may be announced by the NRCS State Conservationist, based upon availability of funds.
- Sign-up will be accepted at USDA-NRCS field offices and Conservation District offices. NRCS will arrange for an eligibility determination, on-site assessment, and ranking of the application.
- Eligible applicants who are approved for an AMA contract will be referred to the West Virginia Conservation Agency's Moorefield Field Office for a list of approved poultry litter sources (broiler and turkey only) and assistance in locating transport trucks, if needed. Call the toll-free number at 1-888-354-8837 (1-888-3litter), or the local number at 304-538-7581, Monday-Friday. Hours are 8:00 am-4:00 pm. The WVDA is also available to assist at 304-538-2397

PARTICIPANT APPROVAL

Approval is based upon the following requirements:

- On-site assessment by NRCS to determine eligibility
- An eligible ranking score by NRCS
- Development of a Nutrient Management Plan by the participant, with a WVDA certified Nutrient Management Consultant.
- A sufficient supply of poultry litter for transport.

PARTICIPANT RESPONSIBILITIES

- The applicant will arrange for the development of a nutrient management plan by a WVDA Certified Nutrient Management Consultant.
- Provide cropping history and soil test information to a WVDA Certified Nutrient Management Consultant, and agree to an approved Nutrient Management Plan.
- Contact and negotiate with a supplier of broiler or turkey litter and a transporting firm.
- Obtain a current litter analysis from the supplier.
- Follow the Nutrient Management Plan and soil test recommendations.

- Submit to NRCS a CCC-1245 Payment Application and receipt(s) for reimbursement which documents the mileage and provides the original gross and tare weigh tickets of delivery truck(s).
- Follow Bio-Security procedures established by WVDA

WV DEPARTMENT OF AGRICULTURE (WVDA) RESPONSIBILITIES

- Assist in publicizing and promoting the program.
- Work with the WVCA in coordinating litter sources and transport trucks
- Provide NRCS a list of approved sources of poultry litter (broiler and turkey only), including name, phone number, address, and an analysis of the litter nutrient value
- Assure that Bio-Security measures are established and followed in the litter handling and transport process.
- WVDA staff who are Certified Nutrient Management Consultants may assist with Nutrient Management Plans, where available.
- Promptly notify NRCS of any Bio-Security concerns.

WV CONSERVATION AGENCY (WVCA) RESPONSIBILITIES

- Assist in publicizing and promoting the program.
- Assist in coordinating between WVDA approved litter sources (broiler and turkey only) and approved program participants.
- Assist program participants to find suitable trucking operators to deliver poultry litter.
- Provide trucking operators with WVDA approved Bio-Security Procedures
- WVCA staff who are Certified Nutrient Management Consultants may assist with Nutrient Management Plans, where available.

WVU / EXTENSION RESPONSIBILITIES

- Assist in publicizing and promoting the program.
- Conduct educational programs in the receiving counties, describing research results on the effectiveness of poultry litter on pasture and hay production. Programs will include methods for purchasing, storage, application, and site selection of poultry litter.
- Conduct educational meetings in the Potomac Headwaters Counties to poultry producers, demonstrating the purpose and reason for a Watershed based nutrient balance approach. Include why exporting litter is good for producers in the long run if they wish to remain a sustainable industry.
- Conduct research in the area of nutrient flows within the Potomac Headwaters area. Evaluate agronomic use patterns and determine the total nutrient flows leaving the watershed from all sources, including finished products exported to Virginia, Pennsylvania and Central West Virginia.
- County faculty will assist landowners with nutrient management plans, promoting use or exportation of litter as needed

SITE ASSESSMENT FOR NUTRIENT MANAGEMENT / POULTRY LITTER
TRANSFER PROGRAM

Farmers Name:	Farm No.:	
Address:	Tract (s) No.:	
	Telephone No.:	
Evaluated By:	Title:	Date:

Check Appropriate Answer 1/			
EQUIPMENT			
<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	Tractor available with front end loader to load litter into spreader (or equivalent)
<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	Tractor with 45 hp or greater to spread litter (or equivalent)
<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	Box spreader modifiable to apply litter
<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	Box spreader capacity, weight basis, determined
STORAGE SITE			
<input type="checkbox"/> Yes	<input type="checkbox"/> No		Soil depth to bedrock 24 inches or greater and 36" or greater in Karst areas
<input type="checkbox"/> Yes	<input type="checkbox"/> No		Site not subject to ponding
		Site 100 feet or further from the following:	
<input type="checkbox"/> Yes	<input type="checkbox"/> No		Well, spring
<input type="checkbox"/> Yes	<input type="checkbox"/> No		Stream, river
<input type="checkbox"/> Yes	<input type="checkbox"/> No		Pond, lake wetland
<input type="checkbox"/> Yes	<input type="checkbox"/> No		Limestone outcrop
<input type="checkbox"/> Yes	<input type="checkbox"/> No		Sinkhole
<input type="checkbox"/> Yes	<input type="checkbox"/> No		Property line
<input type="checkbox"/> Yes	<input type="checkbox"/> No		Drainageway
<input type="checkbox"/> Yes	<input type="checkbox"/> No		Site protected from overland flow
<input type="checkbox"/> Yes	<input type="checkbox"/> No		Site outside of known floodplain
<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	Livestock excluded from storage site
<input type="checkbox"/> Yes	<input type="checkbox"/> No		Site accessible to tractor trailer
<input type="checkbox"/> Yes	<input type="checkbox"/> No		Storage site slope less than 8%
Comments and Special Requirements: (e.g. if equipment will be rented, or if litter will be spread directly from the delivery truck, provide documentation of details. Document any other special situations or issues.)			

1/ A No answer to any question disqualifies the applicant

NUTRIENT MANAGEMENT PLAN FOR POULTRY LITTER TRANSFER PROGRAM

Farmers Name:		Farm No.:	
Address:	Tract (s) No.:		Acres:
	Telephone No.:		
Nutrient Management Consultant			
Name:		Date:	Number:

Check Appropriate Requirements:

	Litter will be stored at the location designated by the Nutrient Management Consultant
	Litter will be deep stacked and covered with tarpaulin or heavy plastic (if storage exceeds 3 days)
	Livestock will be excluded from litter storage area
X	Do not spread on frozen, snow covered or water saturated soils
X	Time application as close as practical to active crop growth
	Plow or till litter into soil of annually cropped land within 3 days of application
X	Do not spread within 50 feet of a stream, drainageway, pond, sinkhole or property boundary
X	Do not spread within 100 feet of a well or spring
	Modify box spreader using enclosed fact sheet
	Calibrate litter spreader equipment using enclosed fact sheet
X	Apply litter at rates provided on summary sheet
X	Apply litter as uniformly as spreader will allow
	Obtain a current soil test for fields where litter will be applied
	Other:

NUTRIENT MANAGEMENT SUMMARY SHEET

Field Summaries

Tract & Field# _____ Crop _____ Acres _____ x Rate/Acre _____ = Total Applied _____ ÷ _____ Spreader Capacity = _____ Loads/Field
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Default Values (to be used only in absence of a soil test to develop contract estimates.)

A soil test is required for the Nutrient Management Plan.

Rate/AC

- Pasture 2T/Ac.
- Hayland 3T/AC
- Corn land 4T/Ac

Total Litter Needed