

**** "Skeleton Plan" Land App. Rules & Procedures-Litter/Manures/Wastewater *BUFFERS*, ON BACK PAGE! ****

ADEM Inspector Reminds CAWVs of Nov 15 -Feb 15 Winter Land Application Rules in North Alabama

James McAfee, ADEM AFO/CAFO Field Inspector, reminds all CAWVs of the following winter land-application rules for north Alabama:

!!EDITOR ERROR ON FESCUE!!

- Apply no more than 30 pounds of N per acre.
- Apply on cool season annuals (barley, oats, rye, or wheat) with at least 4" stem length, ~~or~~ ryegrass, ~~fescue~~ or orchardgrass with at least 3" stem length, at time of application. **!!FESCUE NOT APPROVED!!**
- Time applications to avoid 72-hr rainfall predictions of 50% or greater unless application county waste-spreading "Farmers Map" is clear.
- No spreading on frozen or saturated soils.
- Have map of field and follow buffer distances.
- Have spreader calibration records documenting ability to spread 1/2 ton per acre of breeder-broiler litter or 1 ton/acre regular litter.
- Keep records of all land application activities documenting: tons and type of litter applied per acre, **type and height of cool season annual or grass at application**, and weather and soil conditions.

ADEM plans to conduct inspections of nutrient management and winter land application during the time between November 15 and February 15 again this year. ADEM initiates enforcement action, including administrative fines as appropriate, to ensure compliance with the requirements of ADEM's AFO/CAFO Rule, particularly in regards to NRCS 590 Standard. Standard 590 was revised November 2002. This should have provided adequate time for operators, vendors, and receiving landowners alike to become familiar with the revised guidelines that must be followed this winter to stay in compliance. Contact your local soil & water conservation district office, NRCS, or ACES office if you have any questions or need assistance.

James McAfee, ADEM AFO/CAFO Field Inspector

Find Current NWS Forecasts at
<http://www.srh.noaa.gov/bmx/data/forecasts/CurrentForecasts.swf>

2004 EQIP Litter-hauling Project

The Natural Resources Conservation Service (NRCS) will have Environmental Quality Incentive Program (EQIP) funds available next year for a special poultry litter distribution-project. The project is designed to move litter from concentrated poultry production areas to other areas of the state that have not traditionally used litter as a nutrient source. This project will aid in paying litter-hauling costs to *land application fields that have not had litter applied in the last three years*. The project will be administered under the following guidelines:

1. Litter must be spread according to a nutrient management plan. The EQIP nutrient management incentive for payment for spreading may be *used on the receiving farm*.
2. Litter must be properly stored until spreading to be eligible for cost share assistance.
3. \$0.10 per ton per loaded mile, according to a weight ticket, will be paid to the litter receiving party.
4. Payment will be for actual mileage, farm of origin to receiving farm, not to exceed mileage shown on receiving County Mileage Limits map.
5. Litter must originate within Alabama, with a minimum 10-mile haul distance, for cost-share.
6. During the November 15 to February 15 period of restricted spreading in north Alabama, the County Mileage Limits will be doubled for the transport of breeder hen litter originating in north Alabama.

Application for project funding may be made at the local Soil & Water Conservation District office. A *nutrient management plan for the receiving farm* will need to be written and a *distance established to the source of the litter* to determine the funding amount. Interested parties should begin the application and planning process as soon as possible to avoid nutrient application delays next spring.

Bill Prince, AL NRCS Environmental Engineer

Find ADEM/NWS "Farmers Map" at
http://www.srh.noaa.gov/bmx/data/farmers_map/farmers_map.html

“the scoop on litter”

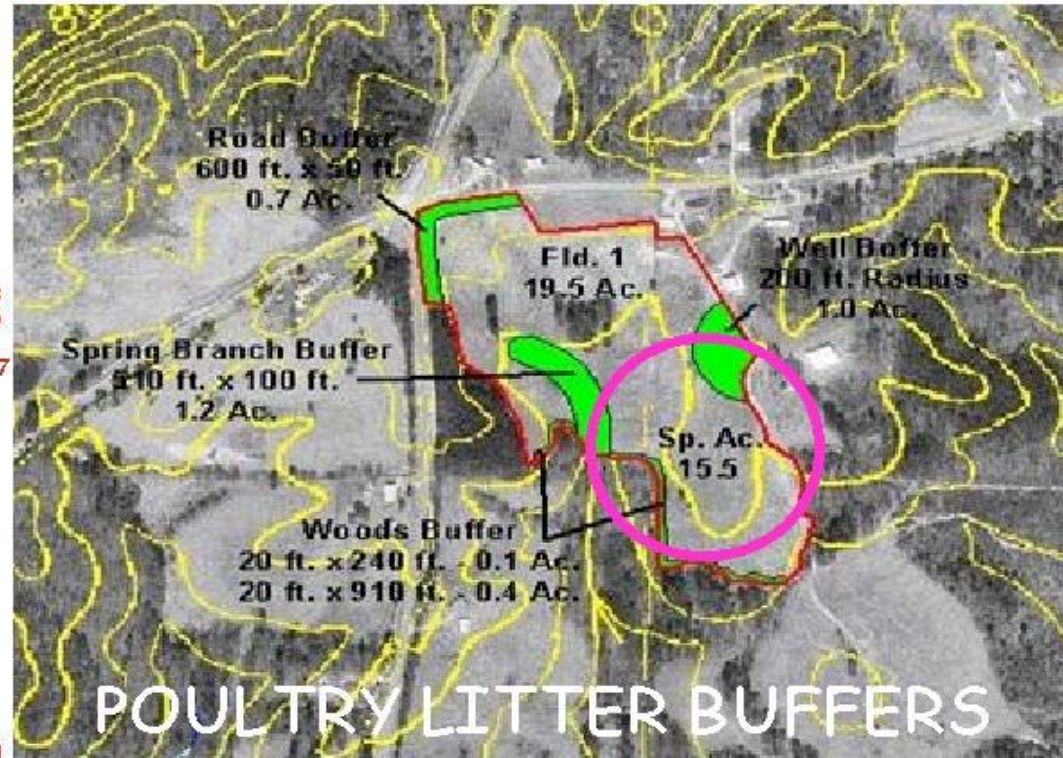
"Skeleton Plan" Land Application Rules And Procedures - Litter, Manures, Wastewater

- Get a map (from the FSA, NRCS, etc)
- Mark wells, open ditches, springs, creeks, rivers, public use areas, etc, on the map
- Make sure buffers and filter strips are OK and mark them on the map.
- ESTIMATE(& apply litter) to ONLY Spreadable Acres
- N Rate Spreadable Acres- Multiply FSA acres by 0.6 (STAY 200 ft. FROM WATER, See Below)
- 3XP Rate Spreadable Acres-Multiply FSA acres by 0.7 (STAY 50 ft.FROM WATER, See Below)

LAND APPLICATION RECORDS

LITTER/MANURE TRANSFER RECORDS
APPLICATION RECORDS

FIELD MAPS w/Buffers & Setbacks marked
SPREADABLE ACREAGE
APPLICATION RATE
TOTAL APPLICATION AMOUNT PER FIELD
CROP, DATE APPLIED & WEATHER REPORT
EQUIPMENT CALIBRATION RECORDS



"Skeleton Plan" (N Rate)

200' From Water (includes a 50' filter strip)

Hybrid bermuda hay -	2.1 tons/cutting
Corn, no-till -	3.1 tons @ planting
Corn, conv. -	2.6 tons @ planting
Cotton South, conv -	1.9 tons @ planting
Pasture, bahia/bermuda -	1.25 tons/grazing period.
Cool season grazing -	3.3 tons- split application fall & spring

"Skeleton Plan" (3XP Rate)

50' From Water (must be filter strip)

Hybrid bermuda hay -	1.2 tons/cutting
Corn, no-till -	2.6 tons @ planting
Corn, conv. -	2.1 tons @ planting
Cotton, conv. -	1.0 tons @ planting
Pasture, bahia & bermuda -	0.3 tons/yr.
Cool season grazing -	0.5 tons/yr..

Recommended Application Distances For Animal Manure and Organic

Object, Site	By- Product Application Situation	Application Distance (ft.) from Object, Site
Well	Located up-gradient of application site	200
Well	Located down-gradient of application site	300
Waterbody or Stream	Waste applied to pasture, hayland, or cultivated land	50
Public Road	Aerial irrigated wastewater	100
Public Road	Waste applied with spreader truck	50
Public Use Area	Dry waste	100
	Liquid waste	200
	Aerial Irrigated wastewater	500
Property Line	All	25

USE THIS "SKELETON PLAN", RELATED ESTIMATING/SHORT CUTS, and ADEM-APPROVED NRCS 590 BUFFERS and SETBACKS to STAY LEGAL when land applying litter or wastewater WHERE NO WRITTEN PLAN EXISTS! THEN URGE YOUR CUSTOMER TO CONTACT ACES FOR TRAINING TO WRITE THEIR OWN PLAN!

For additional information or assistance, call your local county agent or soil conservationist
-Ted W. Tyson, Extension Blosystems Engineer email :
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