Oklahoma’s Poultry Litter Transfer Program

Mitch Fram,
Area Water Quality Specialist
OK Coop. Extension Service
E. Oklahoma
- ~700 Broiler farms
  (~95% under private contract)
- 56 million birds capacity
- ~300 million/year capacity
- 300,000 T broiler litter possible
- 115,000 T reported application in OK (’04)

For comparison:
W. Arkansas (2002 data)
- 1.1 Billion birds /year
- 1,230,000 T broiler litter (some sold in OK)
Nutrient Sensitive Watersheds

- **Lake Eucha / Spavinaw Creek**
  - Tulsa water supply
  - Taste/odor concerns

- **Illinois R. / Tenkiller L.**
  - OK designated Scenic River
  - Major recreational lake
  - Water supply

- **Lake Wister**
  - Water supply for 47,000; rapidly growing area
  - Recreational use
Litter mgt. problems in area

- Historic application to local pastures. Grazing removes few nutrients.
- Application to meet N demand → excess P
- Little cropland in area for incorporation, harvest
- Timing: application to pastures w/ poor cover in early spring (exposure to runoff events)
- Lack of storage facilities
Soil Test P Distribution on All OK Farm Land

- 0-65: 57%
- 66-120: 25%
- 120-300: 12%
- >300: 6%

Soil Test P in OK, compared to poultry producing areas

Delaware County STP
999 samples- 1998

- 0-65: 23%
- 66-120: 19%
- 120-300: 28%
- >300: 30%

Delaware Co. includes Eucha/Spavinaw watershed
Pressure on Poultry Industry Due to Nutrient (P) Loading Concern

- Blame for eutrophication – algal blooms, turbidity in recreational lakes
- Blame for taste/odor in water supplies
- Lawsuits:
  - City of Tulsa, Lake Eucha, $7 M settlement ‘02
  - State Atty. Gen’l. suit pending over Illinois R., L. Tenkiller
Constraints to application

OK Poultry Law: Litter application based on soil test phosphorus (STP)

- STP limit of 400 lb/acre statewide
  - Only half rate application allowed above 250 STP
- 300 lb/acre limit in Euchia/Spavinaw watershed
  - Designated as “nutrient limited”
  - Half rate application above 120 STP

Full rate P = 90 lb/A = 200 lb P$_2$O$_5$ = ~3T/A broiler litter
More Pressure

- OK Scenic River Phosphorus Standard
  - 0.037 mg/L.
  - 4 of 5 OK Scenic Rivers have headwaters in AR poultry areas
- New nutrient regs in AR increasing export of litter to OK (competition for buyers)
Bottom Line

- A large amount of litter must be moved off poultry farms
- Preferably out of impacted watersheds
Proposed Alternatives for Litter

- Value-added fertilizer: composting, drying, pelleting, sacking
- Hydrolysis or combustion (power generation w/ fertilizer by-product)
- Bio-gas
- Long-distance rail shipping

Years of discussion; few definitive results

AG-Org PL: $22.49 per sack in supermarket
At least for medium term, hauling and direct application to nutrient deficient cropland and pasture is the viable alternative.
Opportunities for market development

• Large amounts of cropland, pasture available.
  – Large acreage within 100 mi. of poultry producers is P-deficient (STP<65 lb/acre).

• Regulatory and integrator pressures on poultry producers to sell

• Increasingly favorable image of organic fertilizer

• Commercial fertilizer prices!
Obstacles to market

- **No established “industrial market”**
  - Lack of contact between buyers/sellers
  - No brokers
- **Mechanical problems**
  - Low barns, high trucks, lack of equipment
- **Low value, bulky product**
  - High hauling cost = major bottleneck
- **Regulation**
  - Litter applicators licensing, paperwork
- **Timing – “hassle factor”**
  - Especially on cropland
- **Lack of information**
Compensating and jump-starting: Market incentives for poultry growers

1. Special subsidies for Eucha, Illinois, Wister (OK portions) for producers and haulers
   - $2/T minimum to producer;
   - $.05/T/loaded mi. to hauler up to $8/T (160 mi.)
   - Unused portion of $8 hauling goes to producer
   - Managed by private contractor/broker
   - Funded by State + 319
   - Identical program in AR portion of Eucha watershed, funded by integrators
Litter purchaser incentives

2. NRCS Environmental Quality Incentives Program (EQIP)
   - Statewide funding pool for manure transfer
   - Payments to purchasers range from $2.50 - $10 depending on distance hauled
   - Competitive; priority to farms where manure has never been used
   - Funded @ $250K in ‘05
Purchaser Incentives, cont’d.

3. State income tax credit for litter purchasers
   - $5/T on litter purchased from “litter-restricted” watershed in OK.

All incentives require litter applied by Certified Poultry Waste Applicator to land in non-restricted watersheds, and applied “consistent with” AWMP.
OK Littermarket:
Cooperative project of OSU Extension and OK Dept. of Agriculture, Food & Forestry

Main Objectives
- Facilitate bulk sale & application of raw litter to pastures and crops.
- Extend current use pattern over wider area.
- Increase efficiency of existing market.
Approaches to improve market

1. Educate producers
   - OK mandated poultry education
   - Encourage market-friendly practices (timing, storage)
   - Education, media efforts with non-poultry producers
   - County newsletters
Project Approaches to Improve Market

2. Facilitate contact between sellers, buyers, haulers.

✓ Market website
✓ Hotline
✓ Multi-county market events
✓ Occasional incentives
Membership market

– Members join through County Extension or OK Dept. of Ag. Litter Hotline (800 number).

– New members can join by logging themselves on to:

  www.ok-littermarket.org

– New members provide details on litter -
  • Offered for sale
  • Wanted to buy
  • Services provided
    (cleanout, loading, hauling)
Membership Market, Cont’d.

• As staff time permits:
  – Phone follow-up with members
  – Database maintenance
• All new members get a letter
• E-mail alerts when new members join
# Summary of Market Listings

<table>
<thead>
<tr>
<th>year</th>
<th>'00-01</th>
<th>'02-03</th>
<th>'04-05</th>
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<tbody>
<tr>
<td></td>
<td>no.</td>
<td>Tons</td>
<td>no.</td>
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<tr>
<td>Sellers</td>
<td>142</td>
<td>40.5K</td>
<td>63</td>
</tr>
<tr>
<td>Buyers</td>
<td>165</td>
<td>69.4K</td>
<td>73</td>
</tr>
<tr>
<td>Haulers/ spreaders</td>
<td>19</td>
<td>-</td>
<td>16</td>
</tr>
<tr>
<td>Ratio Sellers/Buyers</td>
<td>.86</td>
<td>.58</td>
<td>1.4</td>
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</table>

Listed range of prices: $0 - $15/T; most list as negotiable
Follow-up calls Jan.-Mar. 05

<table>
<thead>
<tr>
<th></th>
<th>sellers</th>
<th>buyers</th>
<th>haulers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Able to contact</td>
<td>75%</td>
<td>76%</td>
<td>74%</td>
</tr>
<tr>
<td>Proportion contacted</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>wanting to remain</td>
<td>78%</td>
<td>70%</td>
<td>82%</td>
</tr>
</tbody>
</table>
Visits to website as of Oct. 05

• Sellers’ list – 35,265
• Buyers’ list – 29,088
• Haulers’ list – 19,846
OKLAHOMA LITTER MARKET

"Promoting a better understanding of the movement and application of poultry litter in Oklahoma."

CURRENT SELLERS  CURRENT BUYERS  CURRENT SERVICE PROVIDERS

DISCLAIMER

Listing your company on the Litter Market website does not imply approval for or participation in any subsidy or incentive programs. Applications for incentives are available from the sponsoring agencies or organizations.

The purpose of this website is solely to educate and improve communication between buyers, sellers, and poultry litter service providers.

ANNOUNCEMENTS

Map of Nutrient Restricted or Limited Watersheds
Information about Marketing Incentives/Subsidies

Click here to see a new and improved system for calculating the dollar value of the total fertilizer nutrients in litter, based on commercial fertilizer prices. After you are finished, you can print out your calculations for further reference.

IN THE NEWS

- Lawsuit Fuels Concerns For Arkansas, Oklahoma Economy, 6/22/2005
- State doubles its incentive, 3/15/2005
- Incentives to buy and sell litter, 3/4/2005
- Company puts waste to work, 1/26/2005
WELCOME TO REAL-TIME BUYER DATA!

This is a list of all buyers in our database. If you want to sort records by buyer name, county name, phone or amount of litter needed, please, click on the appropriate column's name. If you want to see the details about each buyer, please, click on that individual's name.

Currently there are 34 buyers in our database.

You are visiting page 1. Go to page 1 2 3 4

<table>
<thead>
<tr>
<th>Name</th>
<th>County</th>
<th>Phone</th>
<th>Amount Needed</th>
<th>Date Updated</th>
</tr>
</thead>
<tbody>
<tr>
<td>David Allen</td>
<td>Tulsa</td>
<td>918-361-4393</td>
<td>180 tons</td>
<td>September 17, 2002</td>
</tr>
<tr>
<td>Charley Barnett</td>
<td>Pottawatomie</td>
<td>405-273-3939</td>
<td>200 tons</td>
<td>September 17, 2002</td>
</tr>
<tr>
<td>Larry Barrett</td>
<td>Oklahoma</td>
<td>405-277-9309</td>
<td>50 tons</td>
<td>September 17, 2002</td>
</tr>
<tr>
<td>Black Fox Ranch</td>
<td>Cherokee</td>
<td>918-366-6165</td>
<td>0 tons</td>
<td>September 17, 2002</td>
</tr>
<tr>
<td>Morgan Blair</td>
<td>Tulsa</td>
<td>918-251-8857</td>
<td>210 tons</td>
<td>September 17, 2002</td>
</tr>
<tr>
<td>Albert Chism</td>
<td>Creek</td>
<td>918-267-5015</td>
<td>50 tons</td>
<td>September 17, 2002</td>
</tr>
<tr>
<td>Lena Collard</td>
<td>Hughes</td>
<td>405-645-2561</td>
<td>500 tons</td>
<td>September 17, 2002</td>
</tr>
<tr>
<td>Everett or Anna Culver</td>
<td>Pushmataha</td>
<td>580-587-2515</td>
<td>300 tons</td>
<td>January 20, 2003</td>
</tr>
<tr>
<td>Johnny Daniels</td>
<td>Adair</td>
<td>501-524-4525</td>
<td>100 tons</td>
<td>September 17, 2002</td>
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<tr>
<td>Noah Easton</td>
<td>Tulsa</td>
<td>918-366-8930</td>
<td>20 tons</td>
<td>September 17, 2002</td>
</tr>
</tbody>
</table>
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</thead>
<tbody>
<tr>
<td>Johnny Daniels</td>
<td>Adair</td>
<td>501-524-4525</td>
<td>100 tons</td>
<td>September 17, 2002</td>
</tr>
<tr>
<td>Lener Pfiefer</td>
<td>Adair</td>
<td>918-696-6232</td>
<td>100 tons</td>
<td>September 17, 2002</td>
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<tr>
<td>Dr Phil Keeter</td>
<td>Adair</td>
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<tr>
<td>Marshall Farrier</td>
<td>Adair</td>
<td>918-723-4500</td>
<td>800 tons</td>
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<tr>
<td>Dr. Pauline Sanders</td>
<td>Adair/Cherokee</td>
<td>918-456-1489</td>
<td>500 tons</td>
<td>September 17, 2002</td>
</tr>
<tr>
<td>Larry Jones</td>
<td>Cherokee</td>
<td>910-590-3360</td>
<td>000 tons</td>
<td>September 17, 2002</td>
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<tr>
<td>Black Fox Ranch</td>
<td>Cherokee</td>
<td>918-366-6165</td>
<td>0 tons</td>
<td>September 17, 2002</td>
</tr>
<tr>
<td>Mitch Fram</td>
<td>Cherokee</td>
<td>918-868-2802</td>
<td>35 tons</td>
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<tr>
<td>Sam Fleming</td>
<td>Choctaw</td>
<td>580-566-2930</td>
<td>100 permonth tons</td>
<td>January 23, 2003</td>
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<tr>
<td>Lyndie Shelby</td>
<td>Clarke</td>
<td>641-342-7013</td>
<td>500 tons</td>
<td>December 9, 2002</td>
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</tbody>
</table>
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<th>County</th>
<th>Phone</th>
<th>Amount Needed</th>
<th>Date Updated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Greg Roquet</td>
<td>Craig</td>
<td>918-782-2232</td>
<td>0 tons</td>
<td>September 17, 2002</td>
</tr>
<tr>
<td>Jack Mooney</td>
<td>Craig</td>
<td>918-783-5515</td>
<td>600 tons</td>
<td>September 17, 2002</td>
</tr>
<tr>
<td>Albert Chisum</td>
<td>Creek</td>
<td>918-267-5015</td>
<td>50 tons</td>
<td>September 17, 2002</td>
</tr>
<tr>
<td>Ron Stoll</td>
<td>Delaware</td>
<td>918-868-2236</td>
<td>2000 tons</td>
<td>September 17, 2002</td>
</tr>
<tr>
<td>Lena Collard</td>
<td>Hughes</td>
<td>405-645-2561</td>
<td>500 tons</td>
<td>September 17, 2002</td>
</tr>
<tr>
<td>Kevin Ormand</td>
<td>Kay</td>
<td>550-362-3252</td>
<td>80 tons</td>
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</tr>
<tr>
<td>Sam Gentry</td>
<td>LeFlore</td>
<td>918-647-4355</td>
<td>2000 tons</td>
<td>September 17, 2002</td>
</tr>
<tr>
<td>H.L. Staples</td>
<td>Lincoln</td>
<td>405-964-2811</td>
<td>0 tons</td>
<td>September 17, 2002</td>
</tr>
<tr>
<td>B.D. Price</td>
<td>Loncoln</td>
<td>405-567-3564</td>
<td>0 tons</td>
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<tr>
<td>Dick Sheffield</td>
<td>Muskogee</td>
<td>918-478-2713</td>
<td>40 tons</td>
<td>September 17, 2002</td>
</tr>
</tbody>
</table>
# Oklahoma Litter Market

"Promoting a better understanding of the movement and application of poultry litter in Oklahoma."

## Table of Contents
- CURRENT SELLERS
- CURRENT BUYERS
- CURRENT HAULERS

## Buyer Profile: Jack Mooney

<table>
<thead>
<tr>
<th>Data Category</th>
<th>Data Entry</th>
</tr>
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<tbody>
<tr>
<td>Name</td>
<td>Jack Mooney</td>
</tr>
<tr>
<td>Address</td>
<td>Rt.1, Box 228</td>
</tr>
<tr>
<td>City, State, Zip</td>
<td>Big Cabin, OK 74332</td>
</tr>
<tr>
<td>County</td>
<td>Craig</td>
</tr>
<tr>
<td>Phone</td>
<td>918-783-5515</td>
</tr>
<tr>
<td>Cleaning Service Needed?</td>
<td>Yes</td>
</tr>
<tr>
<td>Loading Service Needed?</td>
<td>Yes</td>
</tr>
<tr>
<td>Trucking Service Needed?</td>
<td>Yes</td>
</tr>
<tr>
<td>Spreading Service Needed?</td>
<td>No</td>
</tr>
<tr>
<td>Amount Needed, tons</td>
<td>600</td>
</tr>
<tr>
<td>Date Updated</td>
<td>September 17, 2002</td>
</tr>
</tbody>
</table>

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**OSU | DASNR | OK CES | WASTE MANAGEMENT | WATER QUALITY | DEPT OF AC ECON | WEBMASTER | SITE ADMINISTRATION**
WELCOME TO REAL-TIME SELLER DATA!

This is a list of all sellers in our database. If you want to sort records by seller name, county name, phone, litter type, litter price, amount available or date available fields, please, click on the appropriate column’s name. If you want to see the details about each seller, please, click on that individual’s name.

Currently there are 41 sellers in our database.

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<table>
<thead>
<tr>
<th>Name</th>
<th>County</th>
<th>Phone</th>
<th>Litter Type</th>
<th>Price</th>
<th>Amount</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gene Allen</td>
<td>Delaware</td>
<td>918-253-8175</td>
<td>Broiler</td>
<td>$10</td>
<td>300 tons</td>
<td>March 15, 2003</td>
</tr>
<tr>
<td>Barney Barno</td>
<td>Delaware</td>
<td>918-253-2433</td>
<td>Broiler</td>
<td>$4</td>
<td>500 tons</td>
<td>June 15, 2003</td>
</tr>
<tr>
<td>Gary Bradley</td>
<td>Delaware</td>
<td>918-253-8190</td>
<td>Broiler</td>
<td>$n/a</td>
<td>n/a tons</td>
<td>n/a</td>
</tr>
<tr>
<td>Steve Brubaker</td>
<td>n/a</td>
<td>417-472-7582</td>
<td>Broiler</td>
<td>$n/a</td>
<td>300 tons</td>
<td>May 1, 2002</td>
</tr>
<tr>
<td>Vernie Chamberlain</td>
<td>Delaware</td>
<td>918-326-4595</td>
<td>Breeder</td>
<td>$n/a</td>
<td>400 tons</td>
<td>February 1, 2003</td>
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<tr>
<td>Sondra Conley</td>
<td>LeFlore</td>
<td>918-655-7975</td>
<td>Broiler</td>
<td>$n/a</td>
<td>250 tons</td>
<td>October 1, 2002</td>
</tr>
<tr>
<td>Irene Davis</td>
<td>LeFlore</td>
<td>918-653-2530</td>
<td>Broiler</td>
<td>$10</td>
<td>150 tons</td>
<td>June 1, 2003</td>
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<tr>
<td>Virgil Davis</td>
<td>LeFlore</td>
<td>918-653-2665</td>
<td>Broiler</td>
<td>$10</td>
<td>100 tons</td>
<td>October 22, 2002</td>
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<tr>
<td>Sorn Dick</td>
<td>Delaware</td>
<td>918-529-4462</td>
<td>Breeder</td>
<td>$n/a</td>
<td>250 tons</td>
<td>November 1, 2002</td>
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<tr>
<td>Calvin Dilbeck</td>
<td>Delaware</td>
<td>918-529-4467</td>
<td>Broiler</td>
<td>$n/a</td>
<td>200 tons</td>
<td>December 1, 2002</td>
</tr>
</tbody>
</table>
Currently there are 41 sellers in our database.

You are visiting page 1. Go to page 1 2 3 4 5

<table>
<thead>
<tr>
<th>Name</th>
<th>County</th>
<th>Phone</th>
<th>Litter Type</th>
<th>Price</th>
<th>Amount</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Edwin Johnston</td>
<td>Leflore</td>
<td>918-653-7403</td>
<td>Broiler</td>
<td>$n/a</td>
<td>250 tons</td>
<td>n/a</td>
</tr>
<tr>
<td>Gary Bradley</td>
<td>Delaware</td>
<td>918-263-8190</td>
<td>Broiler</td>
<td>$n/a</td>
<td>n/a tons</td>
<td>n/a</td>
</tr>
<tr>
<td>Donald Frost</td>
<td>Leflore</td>
<td>918-653-7700</td>
<td>Broiler</td>
<td>$10</td>
<td>200 tons</td>
<td>March 25, 2002</td>
</tr>
<tr>
<td>Greg Roquet</td>
<td>Craig</td>
<td>918-782-2232</td>
<td>Broiler</td>
<td>$10</td>
<td>300 tons</td>
<td>March 30, 2002</td>
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<tr>
<td>Noy Oudomparammy</td>
<td>Leflore</td>
<td>918-649-5318</td>
<td>Broiler</td>
<td>$8</td>
<td>750 tons</td>
<td>April 1, 2002</td>
</tr>
<tr>
<td>Lewis Howery</td>
<td>Leflore</td>
<td>918-962-9412</td>
<td>Broiler</td>
<td>$6</td>
<td>150 tons</td>
<td>April 4, 2002</td>
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<tr>
<td>Steve Brubaker</td>
<td>n/a</td>
<td>417-472-7502</td>
<td>Broiler</td>
<td>$n/a</td>
<td>300 tons</td>
<td>May 1, 2002</td>
</tr>
<tr>
<td>Sony Thepouthay</td>
<td>Leflore</td>
<td>918-649-0806</td>
<td>Broiler</td>
<td>$10</td>
<td>450 tons</td>
<td>May 31, 2002</td>
</tr>
<tr>
<td>Cody Smith</td>
<td>Leflore</td>
<td>918-649-0020</td>
<td>Broiler</td>
<td>$10</td>
<td>300 tons</td>
<td>June 1, 2002</td>
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<tr>
<td>Larry Hamlin</td>
<td>Pittsburgh</td>
<td>918-469-2155</td>
<td>Broiler</td>
<td>$10</td>
<td>450 tons</td>
<td>June 1, 2002</td>
</tr>
</tbody>
</table>
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<table>
<thead>
<tr>
<th>Name</th>
<th>County</th>
<th>Phone</th>
<th>Litter Type</th>
<th>Price</th>
<th>Amount</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tom Strombeck</td>
<td>Adair</td>
<td>918-723-5128</td>
<td>Breeder</td>
<td>$/n/a</td>
<td>120 tons</td>
<td>March 8, 2003</td>
</tr>
<tr>
<td>Gene Allen</td>
<td>Delaware</td>
<td>918-253-8175</td>
<td>Broiler</td>
<td>$10</td>
<td>300 tons</td>
<td>March 15, 2003</td>
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<tr>
<td>Gary Steelman</td>
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<td>918-653-5002</td>
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<tr>
<td>Cecil O'Neal</td>
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<td>918-677-2463</td>
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<td>May 1, 2003</td>
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<tr>
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<td>Delaware</td>
<td>918-529-4659</td>
<td>Breeder</td>
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<td>250 tons</td>
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<td>Irene Davis</td>
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<td>June 1, 2003</td>
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<td>Broiler</td>
<td>$12</td>
<td>300 tons</td>
<td>June 1, 2003</td>
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<tr>
<td>Eva Winchester</td>
<td>Delaware</td>
<td>918-529-4236</td>
<td>Broiler</td>
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<td>June 1, 2003</td>
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<td>Delaware</td>
<td>918-253-2433</td>
<td>Broiler</td>
<td>$4</td>
<td>500 tons</td>
<td>June 15, 2003</td>
</tr>
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</table>
OKLAHOMA LITTER MARKET

"Promoting a better understanding of the movement and application of poultry litter in Oklahoma."

- CURRENT SELLERS
- CURRENT BUYERS
- CURRENT HAULERS

## SELLER PROFILE: Frank Howery

<table>
<thead>
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<th>Data Entry</th>
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<tbody>
<tr>
<td>Name</td>
<td>Frank Howery</td>
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<tr>
<td>Address</td>
<td>Rt 1 Box 123C</td>
</tr>
<tr>
<td>City, State, Zip</td>
<td>Spiro, OK 74959</td>
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<tr>
<td>County</td>
<td>LeFlore</td>
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<tr>
<td>Phone</td>
<td>918-963-3306</td>
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<td>Was the Litter Tested?</td>
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<td>Litter Type</td>
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<td>Trucking Service Provided?</td>
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- ARE THERE REGULATIONS?
- LITTER MARKET UPDATE
- OKLAHOMA POULTRY NEWS
- LINKS
- MESSAGE BOARD
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OSU  DASNR  OKCES  WASTE MANAGEMENT  WATER QUALITY
DEPT OF AG ECON  WEBMASTER  SITE ADMINISTRATION
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| DEPT OF AG ECON | WEBMASTER | SITE ADMINISTRATION |
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- Manage your account
  - Change your login/password
  - Enter/edit your contact information

- Add/edit BUYER profile
  - Add a request for litter

- Add/edit SELLER profile
  - Add a batch of litter for sale

- Add/edit HAULER profile
  - Add a truck/service

- Email our staff and they'll enter your information for you!
  (please, include your phone number in your email message!)

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DEPT OF AG ECON  |  BILL BURTON  |  WEBMASTER
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- ARE THERE REGULATIONS?
- POULTRY LITTER NEWSLETTER
- OKLAHOMA POULTRY NEWS
- MESSAGE BOARD
- SITE ADMINISTRATORS
- HOME

MEMBER OPTIONS
- PROFILE PAGE
- LOG OFF

CONTACT INFORMATION
All fields marked with * are required!
First Name: 
* Last Name: 
Address: 
* City: 
* County: 
* State: Oklahoma 
Zip: 
* Phone: ( )-____-____ 
Fax: ( )-____-____ 
Email: 
Submit  Reset

| OSU  | DASNR | OK CES  | WASTE MANAGEMENT  | WATER QUALITY  |
OKLAHOMA LITTER MARKET

"Promoting a better understanding of the movement and application of poultry litter in Oklahoma."

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- POULTRY LITTER
- NEWSLETTER
- OKLAHOMA POULTRY
- NEWS
- MESSAGE BOARD
- SITE ADMINISTRATORS
- ONLY
- HOME

MEMBER OPTIONS

- PROFILE PAGE
- LOG OFF

CONTACT INFORMATION

All fields marked with * are required!

First Name: 
*Last Name: 
Address: 
*City: Muskogee
*County: Muskogee
*State: Oklahoma
Zip: 
*Phone: (918) 687-2466
Fax: 
Email: 

Submit  Reset
OKLAHOMA LITTER MARKET

"Promoting a better understanding of the movement and application of poultry litter in Oklahoma."

- CURRENT SELLERS
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- MESSAGE BOARD
- SITE ADMINISTRATORS
- ONLY
- HOME

MEMBER OPTIONS
- PROFILE PAGE
- LOG OFF

CONTACT INFORMATION

All fields marked with * are required!

First Name: 

*Last Name: fram

Address: 

*City: Muskogee

*County: Muskogee

*State: Oklahoma

Zip: 

*Phone: (918) 687-2466

Fax: 

Email: 

Submit  Reset
OKLAHOMA LITTER MARKET

"Promoting a better understanding of the movement and application of poultry litter in Oklahoma."

CURRENT SELLERS  CURRENT BUYERS  CURRENT HAULERS

CONFIRMATION PAGE

Your contact information has been successfully added to our database!

Back to Profile Page
OKLAHOMA LITTER MARKET

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- CURRENT SELLERS
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  - Add a request for litter

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  - Add a batch of litter for sale

- Add/edit HAULER profile
  - Add a truck/service

- Email our staff and they'll enter your information for you!
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DEPT OF AG ECON | BILL BURTON | WEBMASTER
YOUR INFORMATION AS A SELLER

All fields are optional!

Can you provide clean-out services?  ○ Yes  ○ No
Can you provide loading services?  ○ Yes  ○ No
Can you provide trucking services?  ○ Yes  ○ No
Can you provide spreading services?  ○ Yes  ○ No

Do you provide any other services? 

Was litter tested?  ○ Yes

If Yes, Date of the Test (mm/dd/yyyy):

Content of N (lb/ton):
Content of P₂O₅ (lb/ton):
Content of K₂O (lb/ton):
Moisture (%):

Litter Type:  ▼

Price Requested ($/ton):
Amount Available (tons):
Date Available (mm/dd/yyyy):

Additional comments:

*Into about Hauler and Applicator will not be displayed in the queries!*

Hauler Customarily Used:
Hauler's Phone Number:
Applicator Customarily Used:
Applicator's Phone Number:

Submit  Reset
### YOUR INFORMATION AS A SELLER

All fields are optional!

- **Can you provide clear-out services?**
  - [ ] Yes
  - [ ] No

- **Can you provide loading services?**
  - [ ] Yes
  - [ ] No

- **Can you provide trucking services?**
  - [ ] Yes
  - [ ] No

- **Can you provide spreading services?**
  - [ ] Yes
  - [ ] No

- **Do you provide any other services?**
  - **soil testing**

- **Was litter tested?**
  - [ ] Yes

- **If Yes, Date of the Test (mm/dd/yyyy):**
  - 01/30/2003

- **Content of N (lb/ton):**
  - 60

- **Content of P₂O₅ (lb/ton):**
  - 65

- **Content of K₂O (lb/ton):**
  - 55

- **Moisture (%)**
  - 20

- **Litter Type:**
  - Brailer

- **Price Requested ($/ton):**
  - 3

- **Amount Available (tons):**
  - 120

- **Date Available (mm/dd/yyyy):**
  - 05/04/2003

- **Additional comments:**

- **Info about Hauler and Applicator will not be displayed in the queries!**

**Hauler Customarily Used:**

**Hauler’s Phone Number:**

**Applicator Customarily Used:**

**Applicator’s Phone Number:**
OKLAHOMA LITTER MARKET

"Promoting a better understanding of the movement and application of poultry litter in Oklahoma."

- CURRENT SELLERS
- CURRENT BUYERS
- CURRENT HAULERS

CONFIRMATION PAGE

Your batch of litter for sale has been successfully added to the database!

Back to Profile Page
WELCOME TO REAL-TIME SELLER DATA!

This is a list of all sellers in our database. If you want to sort records by seller name, county name, phone, litter type, litter price, amount available or date available fields, please, click on the appropriate column's name. If you want to see the details about each seller, please, click on that individual's name.

Currently there are **42** sellers in our database.

You are visiting page 2. Go to page 1 2 3 4 5

<table>
<thead>
<tr>
<th>Name</th>
<th>County</th>
<th>Phone</th>
<th>Litter Type</th>
<th>Price</th>
<th>Amount</th>
<th>Date</th>
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</thead>
<tbody>
<tr>
<td>Don Dixon</td>
<td>Craig</td>
<td>918-323-0046</td>
<td>Turkey</td>
<td>$/n/a</td>
<td>1600 tons</td>
<td>March 1, 2004</td>
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<td>from</td>
<td>Muskogee</td>
<td>918-687-2466</td>
<td>Broiler</td>
<td>$3</td>
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<td>May 4, 2003</td>
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<tr>
<td>Donald Frost</td>
<td>LeFlore</td>
<td>918-653-7700</td>
<td>Broiler</td>
<td>$10</td>
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<td>Bob Hollmark</td>
<td>McCurtain</td>
<td>580-564-6391</td>
<td>Broiler</td>
<td>$5</td>
<td>300 tons</td>
<td>March 1, 2003</td>
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<td>Larry Hamlin</td>
<td>Pittsburgh</td>
<td>918-469-2155</td>
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<tr>
<td>Jack Hickey</td>
<td>Adair</td>
<td>918-696-6803</td>
<td>Broiler</td>
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<td>Lewis Howery</td>
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<td>April 4, 2002</td>
</tr>
<tr>
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<td>LeFlore</td>
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<td>Broiler</td>
<td>$6</td>
<td>150 tons</td>
<td>April 1, 2003</td>
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<tr>
<td>James Hudson</td>
<td>Delaware</td>
<td>918-529-4659</td>
<td>Breeder</td>
<td>$/n/a</td>
<td>250 tons</td>
<td>May 15, 2003</td>
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<td>James Hudson</td>
<td>Mayes</td>
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<td>Broiler</td>
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<tr>
<td>City, State, Zip</td>
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<tr>
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<td>N Content, lb/ton</td>
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<td>P2O5 Content, lb/ton</td>
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</tbody>
</table>
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HOW TO CALCULATE VALUE OF TOTAL NUTRIENTS IN LITTER

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STEP ONE:
COST OF NUTRIENTS IN COMMERCIAL FERTILIZER

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DETERMINE COST PER POUND OF N IN UREA

$215 \text{ cost per ton urea / 920 lb} \text{ }$

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RESULTS

- N value per ton of DAP is $84.13
- Cost per lb of N in urea is $0.234

$238 \text{ total cost per ton of DAP - $84.13 value of N per ton of DAP}

* DAP = Diammonium phosphate fertilizer

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RESULTS

- Cost per lb of P2O5 in DAP is $0.167
- P2O5 value per ton of DAP is $153.87
- N value per ton of DAP is $84.13
- Cost per lb of N in urea is $0.234

DETERMINE COST PER LB OF K2O

$175 cost per ton / 1200 lb K2O per ton
RESULTS

- Cost per lb of K2O is $0.146
- Cost per lb of P2O5 in DAP is $0.167
- P2O5 value per ton of DAP is $153.87
- N value per ton of DAP is $84.13
- Cost per lb of N in urea is $0.234

STEP TWO:
ANALYSIS FROM LAB

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RESULTS

- Cost per lb of K2O is $0.146
- Cost per lb of P2O5 in DAP is $0.167
- P2O5 value per ton of DAP is $153.87
- N value per ton of DAP is $84.13
- Cost per lb of N in urea is $0.234

MANURE TEST VALUES (AS-IS BASIS)

<table>
<thead>
<tr>
<th>lb N per ton of litter (year one)*</th>
<th>lb P2O5 per ton of litter</th>
<th>lb K2O per ton of litter</th>
</tr>
</thead>
<tbody>
<tr>
<td>75</td>
<td>60</td>
<td>55</td>
</tr>
</tbody>
</table>

*Estimated 70% availability in first year. In subsequent years’ applications, about 70% can be considered available. So, we’ll multiply your initial value by 0.7.
RESULTS

- 55 lb K2O per ton of litter
- 60 lb P2O5 per ton of litter
- 52.5 lb N per ton of litter
- Cost per lb of K2O is $0.146
- Cost per lb of P2O5 in DAP is $0.167
- P2O5 value per ton of DAP is $153.87
- N value per ton of DAP is $84.13
- Cost per lb of N in urea is $0.234

STEP THREE:
CALCULATING FINAL VALUES

After adjusting for availability

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RESULTS

- Total value per ton of litter is $30.319
- K2O value per ton of litter is $8.03
- P2O5 value per ton of litter is $10.02
- N value per ton of litter is $12.269
- 55 lb K2O per ton of litter
- 60 lb P2O5 per ton of litter
- 52.5 lb N per ton of litter
- Cost per lb of K2O is $0.146
- Cost per lb of P2O5 in DAP is $0.167
- P2O5 value per ton of DAP is $153.87
- N value per ton of DAP is $84.13
- Cost per lb of N in urea is $0.234

Click here to get a detailed printout of your calculations

previous

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OKLAHOMA LITTER MARKET

“Promoting a better understanding of the movement and application of poultry litter in Oklahoma.”

- CURRENT SELLERS
- CURRENT BUYERS
- CURRENT SERVICE PROVIDERS

DISCLAIMER

Listing your company on the Litter Market website does not imply approval for or participation in any subsidy or incentive programs. Applications for incentives are available from the sponsoring agencies or organizations.

The purpose of this website is solely to educate and improve communication between buyers, sellers, and poultry litter service providers.

ANNOUNCEMENTS

Map of Nutrient Restricted or Limited Watersheds information about Marketing Incentives/Subsidies

Click here to see a new and improved system for calculating the dollar value of the total fertilizer nutrients in litter, based on commercial fertilizer prices. After you are finished, you can print out your calculations for further reference.

IN THE NEWS

- Lawsuit Fuels Concerns For Arkansas, Oklahoma Economy 6/22/2005
- State doubles its incentive, 3/15/2005
- Incentives to buy and sell litter, 3/4/2005
- Company puts waste to work, 1/26/2005
OKLAHOMA LITTER MARKET

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- CURRENT SELLERS
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MAP OF NUTRIENT RESTRICTED OR LIMITED WATERSHEDS

click on an area to get a detailed map (not all watersheds available yet)

back home
Litter Restricted Watershed
Great Salt Plains Lake Watershed