Overview
The poultry industry has been criticized in recent years for waste management practices. To address this, Auburn University has developed a poultry litter management system that is web-based and user friendly. The program makes it easy for farmers to sell excess litter and adhere to guidelines for using litter as fertilizer. This system can be adapted for use by growers of organic farms, switch grass, corn, or other biomass products. Auburn University is seeking a licensee or development partner who would benefit from a bulk sale and management system.

Advantages
- Easy to use — simpler interface and analysis process than existing programs
- Inexpensive — only an internet connection and web browser are required
- Secure — farmer has exclusive access to his/her farm data and management plans
- Enhances image— makes it easier for farmers to be environmentally responsible
- Accurate — takes into account state regulations, erosion rates, compost production, nutrient levels, crop and soil types, water bodies, and more

Description
Regulations for applying manure to fields are complicated and current management programs are confusing and time consuming. This new litter management program is easy-to-use and can be set up in less than 30 minutes. Accounts are password-protected and data can be encrypted for added security. No software installation is required and accounts can be accessed via a web browser. The system can quickly generate reports showing litter management plans and farmers can sell or buy poultry litter and calculate the cost to buy and transport. Use of this management system will promote environmental responsibility and save time and money.

Status
- Copyrighted software is developed and a working system is online
- Currently follows Alabama state guidelines, but can be modified to include other states

Licensing Opportunities
- This technology is available for exclusive or non-exclusive licensing
- Partnering opportunities include funded development or a joint venture

Above: Sample screen shots of the management system and input/output windows. Field and spreadable area boundaries can be drawn, field and soil information quickly entered, and nutrient-based application rates calculated.