



**Swift
Straw**



Swift Straw has developed a reputation as the “ground cover specialist’s” throughout the South East. Our focus is Pine Straw and Mulch, which are the largest beautification components for landscaping nationwide. Satisfied customers include the following: landscapers (large and small), apartment complexes, commercial buildings, hotels, homeowners associations, schools, parks and Private home owners. Our company continues to maintain a geographic and client diverse portfolio. Swift Straw’s corporate strategy is focused on consistency in service and product, but is more importantly relationship driven. Our flexibility to meet our customer’s needs along with speed and performance helps us maintain our position as the preferred pine straw and mulch vendor for our clients

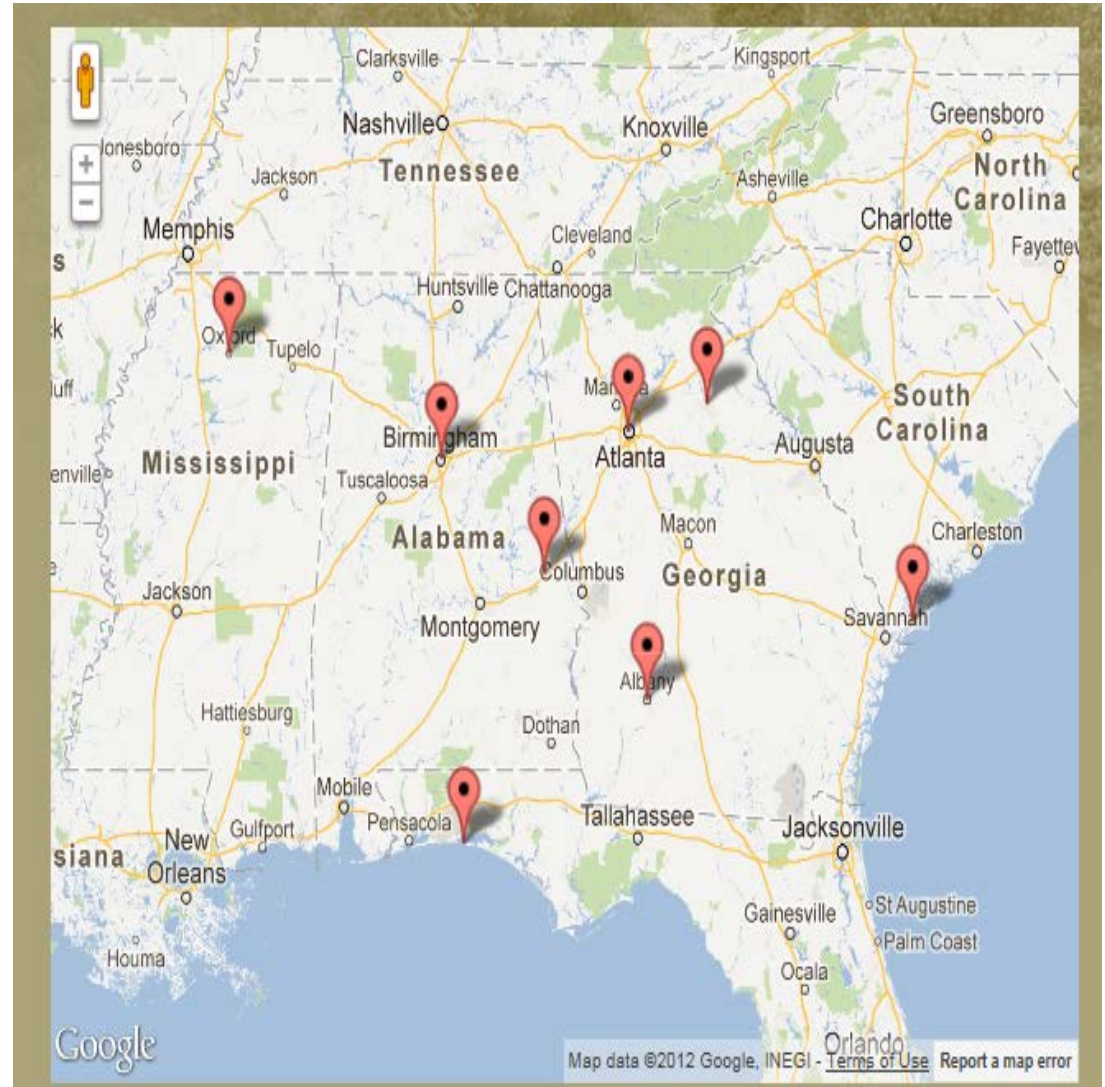
Across our locations, we are on pace to move approximately 2,700,000 bales of pine straw in 2013.

Our Locations

We currently have 4 primary operations.

Operating Partners for each Operation are as follows:

- Auburn AL “War Eagle” – Robert Swift
- Atlanta GA – Brantley Evans
- Low Country SC – Carol Turner
- Birmingham – LCS



AgWorksInc.



- We have engaged Ag Works again to secure a stable labor force. We are on target to receive 80 workers this November that are headed to Patterson Ga, Adel Ga and Marianna Fl to rake pine straw. We are also on target to receive 48 workers in February that are headed to Atlanta Ga, Auburn, Al and Birmingham Al to install pine straw. This combined with our current work force should give us a stable, dependable labor force that will allow us to not only service our existing customers, but will also put us in a position to lock up new business in the peak season.

Benefits of Doing Business With Swift Straw

- We are E-Verified
- We are a Certified Farm Labor Contractor
- We are MSPA certified
- We have a sales tax ID #
- We have legal migrant workers for a guaranteed labor force

Auburn AL Operation



- ❖ Blue Cross Blue Shields Headquarters
- ❖ Mobile Airport
- ❖ Auburn University



Atlanta Operations



- Atlanta Public School
- City of Johns Creek & Technology Park
- Wesleyan School
- Lovett Private School
- Whitfield Academy
- Marist High School

Low Country Operations



- **Belfair Golf Cottages**
- **Devon Pointe**
- **Boeing**
- **Carta**
- **Palms Associates Apartments**
- **Churchhill Forge Apartments**
- **Beaufort Public Schools**
- **Secession Golf club**

Conventional Square Bale Process

- The current square bale process is run by manual laborers. The average workers can bale 100-120 bales per day, which means it will take 10-12 workers per day to produce one tractor trailer worth of material.

This process entails:

1. Hand raking straw into a pile
2. Hand loading into a box baler to create a bale.
3. Hand loading bales onto a haul out wagon to transport the bales to the tractor trailer.
4. Hand loading the bales onto the tractor trailer



Compact Round Baler



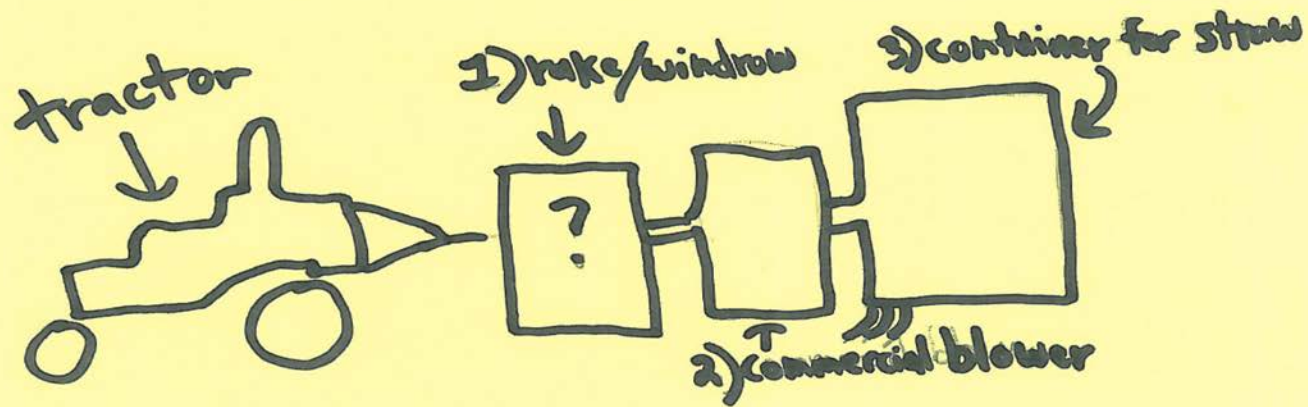
Harvesting Terrain



Our Invention

One Pass Pine Straw Harvester

Pine straw harvester
3 parts



Part #1 – Rake

- Wheel Rake



- Belt Rake



Part #2

- Commercial Blower



Part #3

- Container to gather and hold Pine Straw



Primary Goals and Objectives

- Conventional inexpensive harvesters are hindered by fallen limbs requiring exorbitant numbers of personnel to scour the forest and remove limbs and sticks of substantial size that will clog or damage equipment. The new design will incorporate mechanical means to either collect sticks and debris along with the pine straw, or sort larger sticks and debris into a mulching mechanism. In the past, the most trouble has been with the pickup on any forage baler. These systems were not designed to pick up hard material, and it won't pass through to the baling chamber without damaging the machine.
- Current designs for other harvesters are too large for the pine forests. The new design will be compact enough to maneuver easily in the managed forest. The new design will need to be able to harvest in pine plantations with a minimum 7.5 foot row width.
- Current designs do not index close enough to the trees to collect straw between the trees (in-line) for one row. The new design will incorporate mechanical means to either automatically move the straw into the path of the driven equipment or incorporate mechanical means to index between the in-line trees without requiring the driven equipment to "weave" through the rows.
- Since harvest straw is not densely packed, the new system will seek to optimize the volume either by baling or increasing compaction/density inside the harvester. The straw will be packaged in a way that it can be efficiently shipped to a processing facility by a goose neck, flat bed or van trailer.
- The new system must be fully functional on flat land and on bedded timberland tracts as well.
- The new system must be able to cover no less than 10 acres per day.
- The new system must be able to carry material to the end of a given row without having to drop collected material in the stand of trees.
- The new system must be able to operate with a tractor of 40 HP or less.
- The new system must have parts that are available locally.
- Product must come with maintenance and repair training.
- The New System project completion target is 8 months