Insecticide Trials

- Insecticide residues are of major concern in the tobacco industry. Some tobacco companies has stipulated in their contract that specific insecticides should not be used in burley tobacco production. That chemical is endosulfan (Golden Leaf). Two trials were established to look at alternatives to endosulfan. Since worms are the main late season concern provide an aphid product was used at transplanting, products specific to worms should be sufficient. One trial compared Denim and Tracer, two worm specific products. They provides good control with comparable yields. A second trial compared Denim, Dipel and Orthene with a untreated check. The Dipel treated tobacco produced significantly more yield than the untreated check.
Effects of Insecticide Trials on Burley Yield
Spindletop Farm

2 Treatments prior to topping after a transplant treatment of Admire and early season treatment of Warrior.
Effects of Insecticide Trials on Burley Yield
Spindletop Farm

2 Treatments prior to topping after a transplant treatment of Admire and early season treatment of Warrior.

- **Check**
  - 764 lbs (TIP)
  - 2136 lbs (LEAF)
  - 639 lbs (LUGS)
  - 414 lbs (FLYING)

- **Denim**
  - 811 lbs (TIP)
  - 2095 lbs (LEAF)
  - 755 lbs (LUGS)
  - 448 lbs (FLYING)

- **Dipel ES**
  - 882 lbs (TIP)
  - 2229 lbs (LEAF)
  - 862 lbs (LUGS)
  - 472 lbs (FLYING)

- **Orthene**
  - 743 lbs (TIP)
  - 2179 lbs (LEAF)
  - 777 lbs (LUGS)
  - 477 lbs (FLYING)

- **LSD 0.05**
  - 178 lbs (TIP)
  - 296 lbs (LEAF)
  - 186 lbs (LUGS)
  - 99 lbs (FLYING)