Innovative Tobacco Grower Program
Logic Model

Input	**Output**		**Outcome -Impact**		
	Activities	Participation	Short Term	Medium Term	Long Term
Extension Agents Extension Specialists: Pearce, Palmer, Bailey, Seebold, Snell, Townsend, Duncan, Wilhoit, Powers Materials: Tobacco Production Guide Extension Publications ITGP Binders/notebooks Funding: Burley COOP Tobacco Industry Crop Protection Industry Local county support/ resources for travel, materials, recruitment of producers and follow-up surveys. (Added this)	Three 4 hour sessions with information on: Transplants Field prep Disease Insects Budgeting Harvest Taught by specialists and other resource persons agents Jan. to Mar.	Tobacco growers looking to stay in tobacco long term Multi-county sessions with about 30/session	Participants will demonstrate an increased knowledge and understanding of: Basic plant growth (tobacco) Interactions between plants and soils How management affects soil and plant properties Use of budgets and other management tool in decision making Labor regulations and requirements	Participants will make informed choices as to the size of their tobacco enterprise in relation to their resource base. Participants will implement best management practices to maximize production efficiency and minimize negative environmental impacts, showing improvement is the following areas: Variety selection Soil Tests guiding P & K Nitrogen rates Improved transplant quality Use of conservation tillage Scout for insect and disease Tank mix for suckers Topping at proper time	Tobacco production will be economically sustainable and tobacco will remain an important part of agricultural income in Kentucky Tobacco growers will continue to rely on Extension for production information. Tobacco companies will recognize the value of Extension in maintaining a well informed grower base

Situation	**Assumptions**	**External Factors**
Tobacco production in Kentucky has changed significantly due to the tobacco buyout. Growers need additional information to remain economically viable in tobacco production for the long term.	Tobacco growers and agents are interested to learn more about tobacco. Farmers want to remain in the business of growing tobacco. Tobacco companies will support grower education efforts	Prices or incentives offered to growers are controlled by tobacco companies through a contract with the grower and may change over time affecting the profitability of tobacco. Tobacco companies may require growers under contract to use (or not use) specific practices, which may require a change in curriculum. Immigration reforms may affect the supply of migrant labor and necessitate changes in production practices.

Questions to the county agents:

1. How many tobacco growers from your county participated in ITGP. How many acres of tobacco did they represent?
2. How many tobacco growers from your county completed (attended all 3 session) the ITGP. How many acres of tobacco did they represent?
3. How many tobacco growers indicated that ITGP improved at least one part of their tobacco enterprise?
4. Prior to ITGP what part of the tobacco enterprises in your county needed the most improvement?
    a. Budgeting/Decision making
    b. Variety Selection
    c. Transplant production
    d. Field preparation
    e. Fertilization
    f. Weed control
    g. Disease control
    h. Insect control
    i. Sucker control
    j. Topping management
    k. Harvest management

5. If changes occurred because of ITGP, what were the changes?
    a. Number of growers reporting a variety changes _____. Acres affected?_____.
    b. Growers using soil test for P and K rates before_____ after _____?
    c. Rate of nitrogen used on tobacco before_____ after_____?
    d. Growers reporting improved transplant quality after ITGP_____?
    e. Growers using conservation tillage for tobacco before_____ after _____?
    f. Growers scouting for insect and disease before spraying before_____ after_____?
    g. Growers using tank mix for sucker control before _____ after _____?
    h. Growers topping at 25% bloom before _____ after _____?