

Table of Contents

FLUE-CURED TOBACCO BUDGET INFORMATION	1
Introduction	1
AGRONOMIC INFORMATION	5
Variety Selection.	5
Greenhouse Transplant Production	9
Greenhouse Management Practices	10
Fertilization	13
Crop Rotations and Cover Crops	17
Sucker Control.	18
Guidelines for Effective Sucker Control Practices to Minimize MH Residues.	19
Suggested Sucker Control Programs	20
Sucker Control Spray Tip Options	21
On-Farm Sucker Control Tests	22
Suggestions for application of sucker control materials	24
Chemical Coloring Agents	25
FLUE-CURED TOBACCO DISEASE CONTROL	27
Disease Control in Tobacco Greenhouses	28
Specific Diseases Important in Virginia.	28
Application Methods	31
Interpreting root-knot infestation levels.	31
WEED CONTROL IN FLUE-CURED TOBACCO	37
Important Considerations in Herbicide Use.	37
Flue-cured Tobacco Herbicides	38
INSECTS ON TOBACCO	43
Management of Tobacco Insects	43
Insect Control on Transplants Produced in the Greenhouse.	44
Insect Control on Newly Transplanted Tobacco	45
Remedial Control of Insects on Larger Tobacco	49
Insecticide Application Methods	52
Table 9. Insects on Field Tobacco Foliar Treatments	54
CURING TOBACCO	61
Flue-cured Tobacco Curing	61
Energy-Efficient Curing Practices.	62
Tobacco-Specific Nitrosamines	62
CALIBRATION	65
Sprayer Calibration	65
Greenhouse Sprayer Calibration Procedure	66
Calibration of Fertilizer Application Equipment	66
Plant Population Chart	67
EPA WORKER PROTECTION STANDARDS FOR COMMONLY USED PESTICIDES FOR FLUE-CURED TOBACCO 2007.	69
VIRGINIA BRIGHT FLUE-CURED TOBACCO BOARD ANNUAL REPORT	83