



# **MANAGING SPOTTED WILT**

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# ACTIGARD and SPOTTED WILT

# ACTIGARD / ADMIRE TRANSPLANT TREATMENT

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48 TRIALS 2000 - 2002

# 3 Yr. SUMMARY: ACTIGARD + ADMIRE

## % TSWV CONTROL

<u>YEAR</u>	<u>HOUSE</u>	<u>BED</u>
2000	47	41
2001	54	33
2002	41	33
<i>AVE.</i>	47	36

# APPLING CO. TRIAL

AC + AD  
28.6 % TSWV

CHECK  
68.4 % TSWV



# HOUSE / BED ACTIGARD

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SPRAY ON PLANTS 5-7 DAYS  
BEFORE TRANSPLANT

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0.5 oz. ACTIGARD 50 WG TREATS:  
32,000 - 50,000 PLANTS

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RATE DEPENDS ON PLANT SIZE

# HOUSE / BED ACTIGARD

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**RATE DEPENDS ON PLANT SIZE**

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**0.5 oz. / 32,000 BED PLANTS**

**0.5 oz. / 45,000 - 50,000**

**338 CELL HOUSE PLANTS**

# ACTIGARD WARNINGS

THERE IS NO FULLY SAFE RATE !!

- ➔ DO NOT OVERDOSE (0.5 oz /30,000 MAX)
- ➔ USE LOW RATE ON SMALL PLANTS
- ➔ DO NOT RE-TREAT PLANTS
- ➔ DO NOT HOLD TREATED BED PLANTS
- ➔ USE TRANSPLANT WATER

# ACTIGARD WARNINGS

THERE IS NO FULLY SAFE RATE !!  
WITH CAREFUL ATTENTION TO RATE:

- ➔ SOME STAND LOSS (1 - 3 %)
- ➔ SOME SLOW GROWTH
- ➔ 7-14 DAY DELAY TO TOPPING
- ➔ PLANTS MAY NOT FULLY RECOVER

**ACTIGARD TREATED  
TRANSPLANTS**

**DO NOT**

**HANDLE STRESS  
VERY WELL**

# ACTIGARD FIELD SPRAYS

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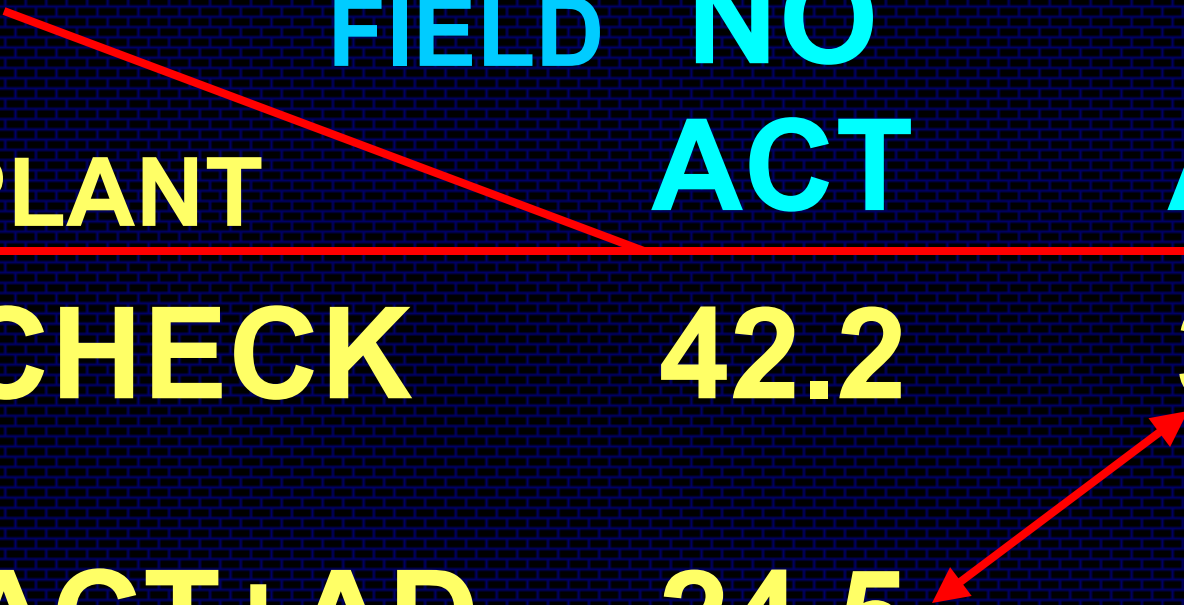
42 TRIALS

# 2001 RESULTS

PLANT	FIELD NO	FINAL % TSWV	
		ACT	ACT
CHECK	17.2	11.5	
ACT+AD	9.2	6.6	

# 2002 RESULTS

PLANT	FIELD	FINAL % TSWV	
		NO ACT	5 ACT
CHECK		42.2	33.4
ACT+AD		24.5	18.0



# ACTIGARD FIELD SPRAYS

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LESS EFFECTIVE  
MORE EXPENSIVE  
THAN HOUSE/BED TREATMENT

**GET A  
GOOD STAND**

# GOOD STAND

- ➔ CONTROL SOIL INSECTS
- ➔ CHECK PLANTS BEFORE TP
- ➔ COLD SOIL = SORE SHIN
- ➔ DRY = WATER PLANTS
- ➔ ADMIRE MAY HELP

# GOOD STAND

➔ POOR STAND DOES NOT  
INCREASE SPOTTED WILT

➔ POOR STAND DOES  
INCREASE TOTAL PLANT LOSS

**MAKE THE  
CROP GROW**

# MAKE THE CROP GROW

WHERE TOBACCO:

STARTS > STOPS > STARTS  
SPOTTED WILT SEEMS WORSE

➔ KEEP IT WATERED

➔ MAKE IT GROW

# MANAGING TSWV

- ➔ TRANSPLANT DATE
- ➔ ADMIRE / PLATINUM
- ➔ PLANT SOURCE ?
- ➔ ACTIGARD
- ➔ GOOD STAND
- ➔ MAKE CROP GROW

# MANAGING SPOTTED WILT

90-95 % OF ALL THAT CAN BE DONE  
IS DONE BY TRANSPLANTING

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NOTHING CAN BE DONE AT 3 WEEKS  
WHEN TSWV PROBLEMS APPEAR