NEM 204
PREVENTION OF NEMATODE PROBLEMS

MANAGEMENT CATEGORIES:

PREVENTION
BIOLOGICAL CONTROL
CULTURAL PRACTICES
PHYSICAL METHODS
CHEMICAL METHODS
PREVENTION:

QUARANTINE
USE CERTIFIED PLANTING MATERIALS
CHECK SUSPECT MATERIALS BEFORE PLANTING
NEMATODES MAY BE PRESENT IN MANURE
CLEAN EQUIPMENT BEFORE MOVING
NEMATODES MAY BE PRESENT IN IRRIGATION WATER
QUARANTINE/SANITATION:

EXTERNAL - QUARANTINES
BURROWING NEMATODE (RADOPHOLUS SIMILIS)  
56 INTERCEPTIONS 1988-1994
RENIFORM NEMATODE (ROTYLENCHULUS RENIFORMIS) 40 INTERCEPTIONS 1988-1994
STING NEMATODE (BELONOLAIMUS LONGICAUDATUS) (COACHELLA VALLEY)

INTERNAL - NURSERY NEMATODE CONTROL
PROGRAM FOR FRUIT AND NUT TREES, GRAPEVINE, BERRY AND VEGETABLE PLANT NURSERY STOCK  
CERTIFICATION PROGRAMS FOR GARLIC AND STRAWBERRY
COST OF PRODUCING FRUIT AND NUT TREE ROOTSTOCKS:

FUMIGATION $1,500/ACRE
SITE INSPECTION ? $500 ?
TOTAL $2,000/ACRE

36 INCH ROW SPACING, 6 INCH PLANT SPACING = 29,040 TREES/ACRE
ASSUME HALF (14,520) REACH HARVESTABLE SIZE WITH A MARKET PRICE OF $4.50/TREE
THE ADDITIONAL COST = 0.14/TREE

COMMERCIAL ORCHARD PLANTS 100-150 TREES/ACRE
THE ADDITIONAL COST = $14 TO $20/ACRE
Number of *Aphelenchoides fragariae* Detections

(CDFA Records, 1954-1988)

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<th>Years</th>
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STRAWBERRY FRUIT PRODUCTION FIELD
NEMATODES MAY BE PRESENT IN IRRIGATION WATER