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
DISTRIBUTION OF XYPHINEMA INDEX

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(SDFA Records, 1954-1988)
NEMATODES MAY BE PRESENT IN IRRIGATION WATER