SHANK SPACING AND DEPTH OF INJECTION
SOIL SEALING AFTER INJECTION

RING ROLLER
INJECTION FOLLOWED BY LAYING AND GLUING TARP
PUMP DRIVEN APPLICATOR
WINGED SHANKS WITH SPRAY NOZZLES
SHANKS WITH SPRAY NOZZLES
SPRAY NOZZLES FOR MULTIPLE DEPTHS OF INJECTION
TURF GRASS INJECTION WITH COULTER CUTTERS
ROTERA CULTIVATOR
ROTOTILLER
EFFECT OF DEPTH OF INCORPORATION ON EFFICACY
BLEMISH CONTROL WITH PREPLANT SOIL INCORPORATED MOCAP

MOCAP 6 LB/ACRE
MOCAP 12 LB/ACRE

% TUBER BLEMISH

UNTREATED

INCORPORATION DEPTH

LILLISTON

ROTERA

ROTOTILLER
GANDY GRANULAR APPLICATOR
TRACTOR MOUNTED SPRAYER
FLOOD APPLICATION OF ENZONE
FLOOD APPLICATION OF ENZONE
SPRINKLER APPLICATION OF METAM SODIUM
DEVICE TO BURY DRIP TUBING
TYPES OF APPLICATORS USED FOR DRIP IRRIGATION

INJECTION PUMP

VENTURI

DIFFERENTIAL PRESSURE TANK
TYPES OF APPLICATORS USED FOR DRIP IRRIGATION

INJECTION PUMP

VENTURI

DIFFERENTIAL PRESSURE TANK
EASTER LILY BULB PRODUCTION:
ORIGINAL PLANTING STOCK FROM JAPAN
GROWN IN HUMBOLDT COUNTY SINCE 1940’S
600 ACRES ROTATED WITH PASTURE
65,000 BOXES OF BULBS/YEAR
6.5 MILLION YEARLY FARM GATE VALUE
AREAS LARGEST EMPLOYER
NEMATODE MANAGEMENT:
LESION NEMATODE (PRATYLENCHUS PENETRANS)
STANDARD TREATMENT -
   DD PLUS TEMIK (ALDICARB)
     (1,3-DICHLOROPROPENE+1,2-DICHCLROPROPANE)
1982 1,2-D AND TEMIK FOUND IN GROUNDWATER
SWITCHED TO TELONE II AND NEMACUR
     (FENAMIPHOS)
1986 REGISTRATION FOR NEMACUR WITHDRAWN
SWITCHED TO THIMET (PHORATE)
1990 REGISTRATION FOR TELONE II SUSPENDED
SWITCHED TO VAPAM OR METHYL BROMIDE
1996 USE OF TELONE II REINSTATED (TOWNSHIP CAP)
RIGHT NOW: DANGER OF LOSING THIMET
     AND METHYL BROMIDE