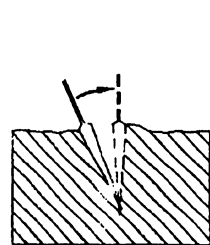
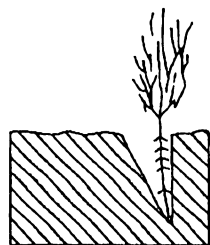


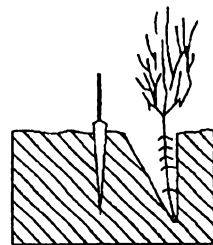
**PLANTING WITH BAR**



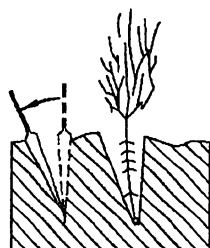
1. INSERT BAR AT ANGLE SHOWN, PUSH FORWARD TO UPRIGHT POSITION.



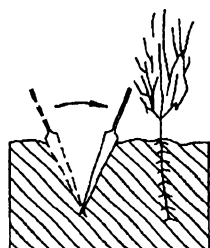
2. REMOVE BAR. PLACE SEEDLING AT CORRECT DEPTH.



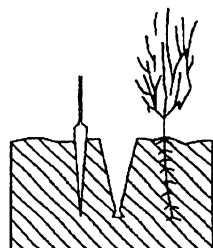
3. INSERT BAR 2 INCHES TOWARD PLANTER FROM SEEDLING.



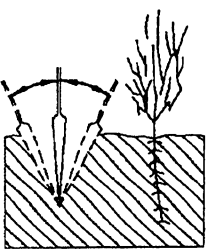
4. PULL HANDLE OF BAR TOWARD PLANTER FIRING SOIL AT BOTTOM OF ROOTS.



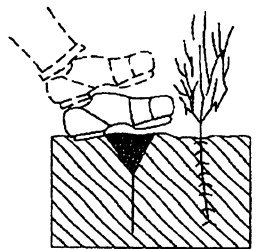
5. PUSH HANDLE OF BAR FORWARD FROM PLANTER FIRING SOIL AT TOP OF ROOTS.



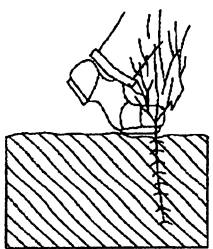
6. INSERT BAR 2 INCHES FROM LAST HOLE.



7. PUSH FORWARD THEN PULL BACKWARD FILLING HOLE.

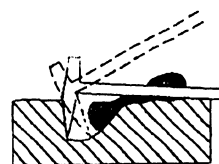


8. FILL IN LAST HOLE BY STAMPING WITH THE FEET.

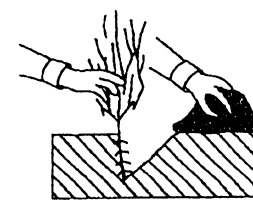


9. FIRM SOIL AROUND SEEDLING WITH THE FEET.

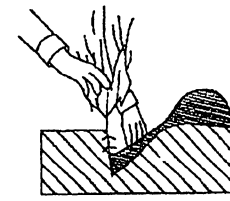
**PLANTING WITH HOE OR SHOVEL**



1. INSERT MATTOK, HOE OR SHOVEL LIFT HANDLE AND PULL.



2. PLACE SEEDLING ALONG STRAIGHT SIDE AT CORRECT DEPTH.

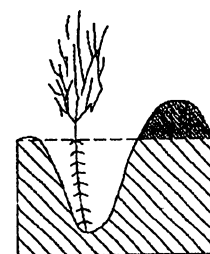


3. FILL IN AND PACK SOIL TO BOTTOM OF ROOTS.

**NOTE:**

- 1. HOES SHALL BE USED FOR PLANTING SMALL SEEDLINGS SHOVELS AND BARS SHALL BE USED FOR LARGER SEEDLING.

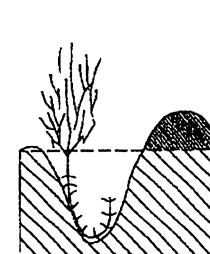
**CORRECT DEPTH**



**CORRECT**

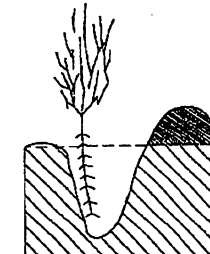
AT SAME DEPTH OR 1/2" DEEPER THAN CREW IN NURSERY.

**PLANTING ERRORS**



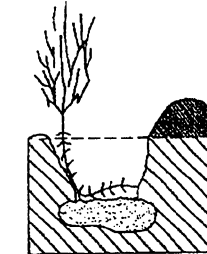
**TOO DEEP**

ROOTS BENT.



**TOO SHALLOW**

ROOTS EXPOSED.



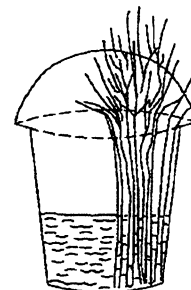
**ROCK AND HARDPAN**

ROOTS BENT.

**HANDLING SEEDLINGS IN FIELD**

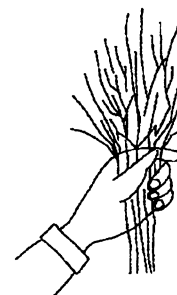
**CORRECT**

WET MOSS OR THICK MUDDY WATER.



**INCORRECT**

ROOTS DRY OUT IN HAND.



EFFECTIVE DATE: JANUARY 2000

COMMONWEALTH OF PUERTO RICO  
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS  
HIGHWAY AND TRANSPORTATION AUTHORITY

**PLANTING METHOD OF PLANTING TREE SEEDLING**

RECOMMENDED BY:	PLANIFICATION AREA DIRECTOR
DATE: 12-16-97	DATE: 12-16-97
APPROVED BY:	EXECUTIVE DIRECTOR
DATE: 12-16-97	DATE: 12-16-97
APPROVED BY:	DIV. ADM. FHWA-PR DIVISION
DATE: 12-20-97	DATE: 12-20-97

DATE	REVISION	BY

STD. DWG. 4 OF 10