

# TECHNICAL NOTE

USDA NATURAL RESOURCES CONSERVATION SERVICE PACIFIC ISLANDS AREA

## Agronomy Technical Note 9 -

# PHOTO GUIDE TO COMMON TILLAGE EQUIPMENT IN THE PACIFIC ISLANDS AREA

For accurate RUSLE-2 results, users must enter the producer's management which includes the correct tillage/ground disturbing implements. The purpose of this document is to assist planners to properly identify the tillage tools being used. There are wide varieties within each implement category, but the below equipment photos and their soil impact should help with the proper identification. In some cases multiple tools are used in combinations. For example, a disc with a harrow dragged behind. For additional information and photos visit <ftp://ftp-fc.sc.egov.usda.gov/IA/intranet/Tillage.pdf>.

**Implement**

**Field Result**

Bedder  
Hipper  
Hiller



Bed  
Shaper



Photo Guide to Common Tillage Equipment in the Pacific Islands Area

Bulldozer w/Brush Rake



Chisel Plow



Example of Points



Cultipacker /Roller



Cultivator (row)



Photo Guide to Common Tillage Equipment in the Pacific Islands Area

Cultivator  
(field)



Disk Offset



Disk Single  
Gang



Disk  
Tandem

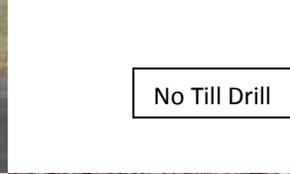


Photo Guide to Common Tillage Equipment in the Pacific Islands Area

Drill



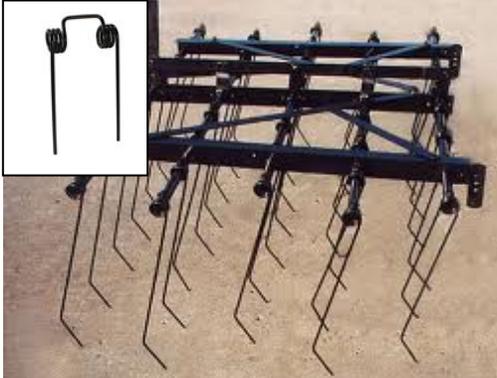
Conventional Drill



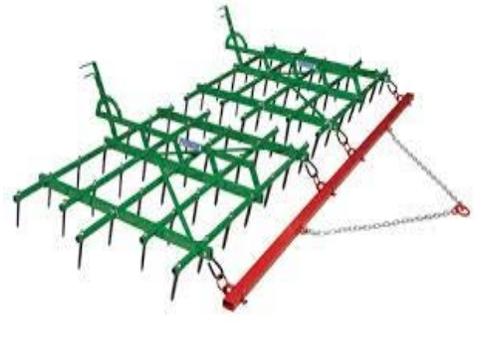
No Till Drill



Harrow  
(Coil Tine)



Harrow  
(Spike  
Tooth)



Irrigation  
Tape Layer



Photo Guide to Common Tillage Equipment in the Pacific Islands Area

Moldboard Plow



Roller Crimper



Rotary Hoe



Rotary Tiller



Tractor Pulled

Walk Behind



Photo Guide to Common Tillage Equipment in the Pacific Islands Area

Shredder



Subsoiler



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