

User-friendly tree inventory data collection software

PDA with built-in GPS & GPS Antenna

Tr#	SPC	PC	Rep	DBH	Ht	Hm
2	2 2	7	1	18.0	45.0	35
3	3 3	7	1	15.0	97.0	40
4	4 5	5	1	30.0	78.0	60
5	5 14	5	1	19.0	60.0	30
6	6 10	5	1	8.0	77.0	35

Stand ID: S001PCGPS01
 L/S Length: 16.00 Stump Ht: 0.5
 DBH out of range

Trees Detail Description

Quality Checking

Select Default Merchandising ☒

	SpC	Sp Name	P
1	1	Douglas fir	Sawtim
2	2	Hard Hdw. Pulp	Hardwo
3	3	Soft Hdw. Pulp	Hardwo
4	4	Cypress Pulpwood	Hardwo
5	5	Cherrybark Oak	Hardwo
6	6	Red Oak	Hardwo
7	7	White Oak	Hardwo
8	8	Water Willow Oak	Hardwo
9	9	Chesnut Oak	Hardwo

Def. FC DBH Log Len Stk Ht DBA
 80 14.0-30.0 16.0 0.5 10.0-40.0

Land owner information

Land Owner(s): James Smith

Address: 413 SW Jefferson Ave.

City: Corvallis State: Oregon

Location: Benton

Sect: 519 Township: T9N

Range: R6E

Tract ID: T001tesR01 219.9000 Acres

Desc: Multiple use land parcel

Cruiser: Will Date: 5 / 5 /05

Tract: Stands

Plot#: 1 Tree#: 8

Sp: 1 - Sweet gum

Prod: 5 - Hardwood Sawtimber

Rep: 1 DBH(In): 20.0

Hm(Ft): 50.0

#Logs/Sticks: 3.0

Len: 16.00 StmpHt: 0.5 MerTDia: 10
72.51 CuFt Vol2: 2.26 Tons

Detail

Custom data fields

Field Setup

Repetitions(Reps)	☒	Total Height(Ht)	☐
Merch. Height(Hm)	☒	#Logs/Sticks	☐
Top Dia. (Dx)	☒	%Defect	☐
PC	☐	Age	☐

Description

Report Cubic Unit: CuFt

Report Log Rule: Board Ft

Report Weight Unit: Tons

Working Topics: Tracts Stands

Global Local

Unit Setup

Repetitions (Reps) ☒ Total Height (Ht) ☒
Merch. Height (Hm) ☒ #Logs/Sticks ☒
Top Dia. (Dx) ☒ %Defect ☒
PC ☒ Age ☒
Description

Report Cubic Unit:
Report LogRule Unit:
Report Weight Unit:

Working Topics:

Global Local

GPS/GIS Based Timber Cruising: A new innovation in forestry!

Automatic acreage

Stand Info

Stand ID:

Cover Type:

Stand Type:

Area: Acre Age:

Method:

Plot Size: 1/ Acre

Desc:

Property:

Interactive GIS display for tracts and stands

Timber cruisers today demand an **efficient** and **easy-to-use** method of collecting and reporting timber cruise data. CMT PC-Cruise and CE Cruise meet these demands by providing **simple** and **flexible** data collection and **streamlined** reporting tools

CRUISE TYPES INCLUDE:

- ▶ **100% Cruise**
- ▶ **Fixed-area Plots**
- ▶ **Simple Point Sampling**
- ▶ **Double Point Sampling**

CALCULATIONS

Specify up to **two different methods** of calculating the volume/weight for each timber product. Choose from the following:

- ▶ **Stem Profiles**
- ▶ **Mesavage/Girard Tables**
- ▶ **Volume Equations**
- ▶ **User-defined Tables**
- ▶ **U.S. Forest Service NVEL**

SETUP

Add species & code them in one easy step

Assign products & parameters for your cruises

REPORTING

Many report formats available:

- ▶ **# of Trees, Quantity Means, by DBH**
- ▶ **Basal Area Statistics**
- ▶ **Value Statistics**
- ▶ **Stand and Stock Table**
- ▶ **Topwood Quantity & Value**

Get weight/volume reports at tract, stand and tree levels in both the field and office!

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