

Masser BT Caliper
MEM, PRO

Freeware applications

23092013

1. Sample plot Inventory

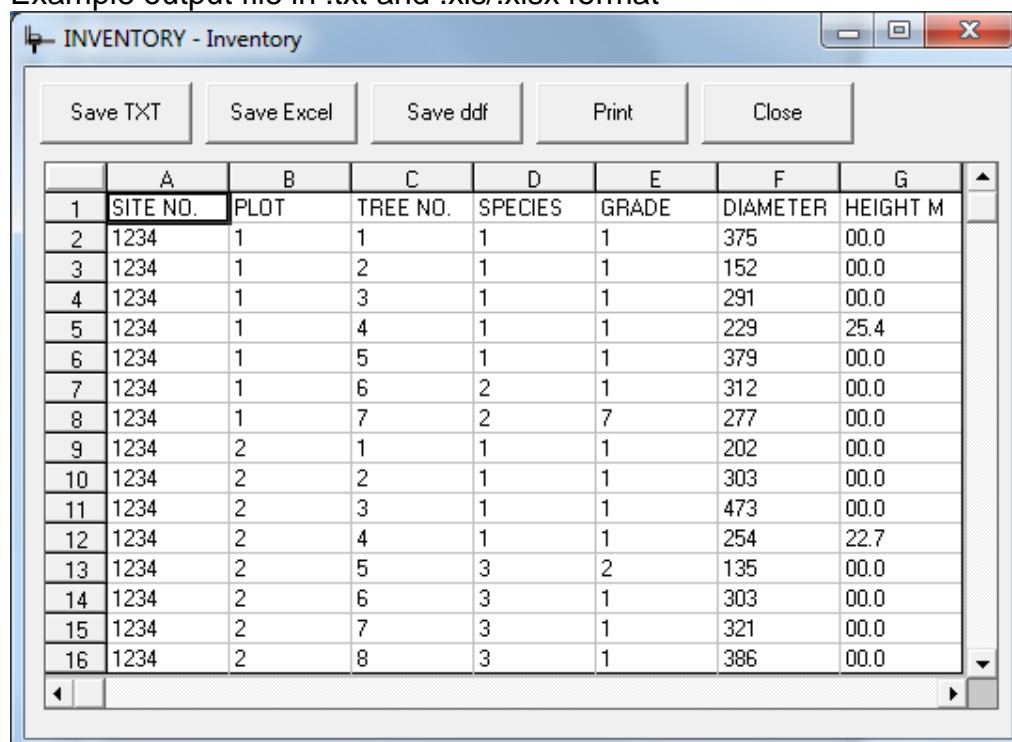
Program is meant for data collection from sample plots. Program includes two header data (SITE NO., PLOT) and five tree data (TREE NO., SPECIES, GRADE, DIAMETER, HEIGHT). Tree number start can be set for each plot. Species, grade and diameter are input for each tree. Height can be fed for user selected trees from edit mode before the diameter will be input or later from browse menu.

Data collection data fields:

Name	Type	Values	Info	Header data	Meas. sequence	Feed in edit
SITE NO.	NUM	0-99999	Site number	x		x
PLOT	NUM	0-99	Plot number	x		x
TREE NO.	NUM	0-99999	Tree number auto inc.			x
SPECIES	NUM	0-99	Species code		x	
GRADE	NUM	0-9	Grade code		x	
DIAMETER	DIA	10-500/650/800	Diameter		x	
HEIGHT M	NUM	0-99,9	Height			x

1.1 Output file

Example output file in .txt and .xls/.xlsx format



	A	B	C	D	E	F	G
1	SITE NO.	PLOT	TREE NO.	SPECIES	GRADE	DIAMETER	HEIGHT M
2	1234	1	1	1	1	375	00.0
3	1234	1	2	1	1	152	00.0
4	1234	1	3	1	1	291	00.0
5	1234	1	4	1	1	229	25.4
6	1234	1	5	1	1	379	00.0
7	1234	1	6	2	1	312	00.0
8	1234	1	7	2	7	277	00.0
9	1234	2	1	1	1	202	00.0
10	1234	2	2	1	1	303	00.0
11	1234	2	3	1	1	473	00.0
12	1234	2	4	1	1	254	22.7
13	1234	2	5	3	2	135	00.0
14	1234	2	6	3	1	303	00.0
15	1234	2	7	3	1	321	00.0
16	1234	2	8	3	1	386	00.0

2. Total inventory

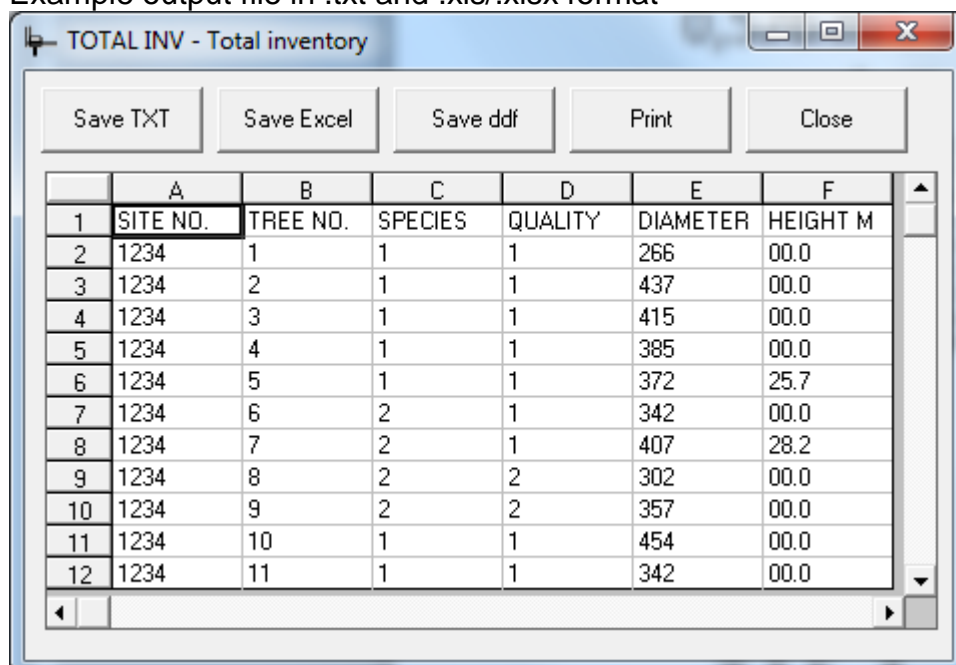
Program is meant for total inventory data collection. Program includes one header data (SITE NO.) and five tree data (TREE NO., SPECIES, QUALITY, DIAMETER, HEIGHT). Tree number start can be set for each site. Species, quality and diameter are input for each tree. Height can be fed for user selected trees from edit mode before the diameter will be input or later from browse menu.

Data collection data fields:

Name	Type	Values	Info	Header data	Meas. sequence	Feed in edit
SITE NO.	NUM	0-99999	Site number	x		x
TREE NO.	NUM	0-99999	Tree number auto inc.			x
SPECIES	NUM	0-99	Species code		x	
QUALITY	NUM	0-9	Grade code		x	
DIAMETER	DIA	10-500/650/800	Diameter		x	
HEIGHT M	NUM	0-99,9	Height			x

2.1 Output file

Example output file in .txt and .xls/.xlsx format



The screenshot shows a software window titled "TOTAL INV - Total inventory". At the top, there are five buttons: "Save TXT", "Save Excel", "Save ddf", "Print", and "Close". Below the buttons is a data table with columns labeled A through F. The table contains 12 rows of data. The first row (row 1) has headers: SITE NO., TREE NO., SPECIES, QUALITY, DIAMETER, and HEIGHT M. The subsequent rows (rows 2-12) contain numerical data for each field.

	A	B	C	D	E	F
1	SITE NO.	TREE NO.	SPECIES	QUALITY	DIAMETER	HEIGHT M
2	1234	1	1	1	266	00.0
3	1234	2	1	1	437	00.0
4	1234	3	1	1	415	00.0
5	1234	4	1	1	385	00.0
6	1234	5	1	1	372	25.7
7	1234	6	2	1	342	00.0
8	1234	7	2	1	407	28.2
9	1234	8	2	2	302	00.0
10	1234	9	2	2	357	00.0
11	1234	10	1	1	454	00.0
12	1234	11	1	1	342	00.0

3. Top-root log measurement (under bark)

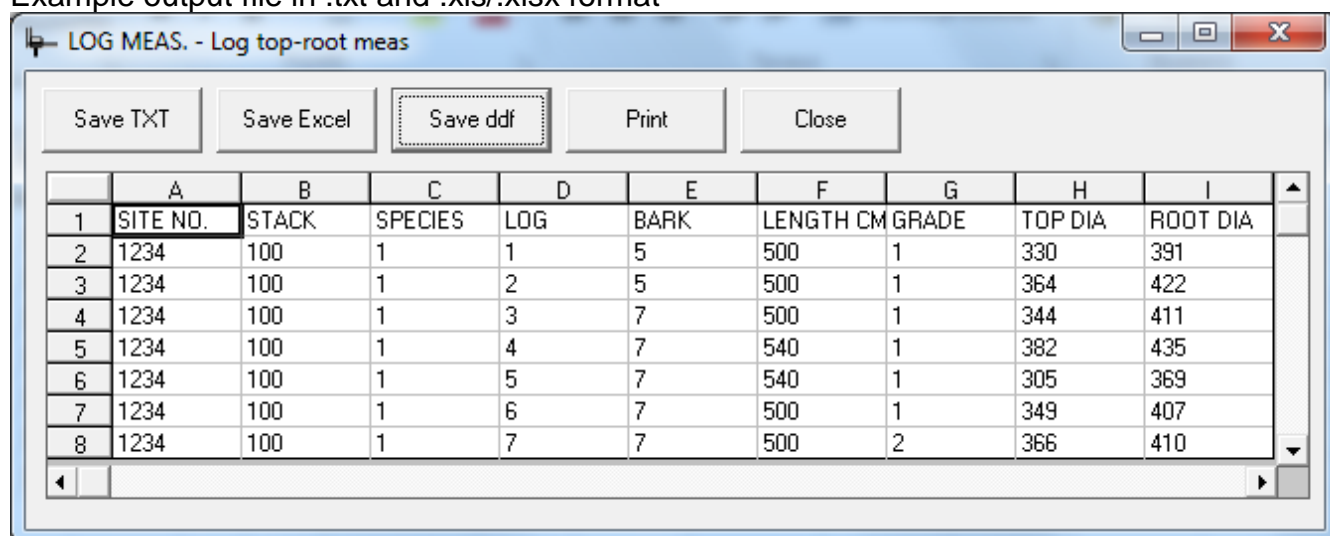
Program is meant for log measurement. Measurements are done from top and root
Program includes three header data (SITE NO., STACK, SPECIES) and six log data
(LOG, BARK, LENGTH, GRADE, TOP DIA, ROOT DIA). Log number start and bark
thickness can be set for each site. Bark, length, grade and diameters are input for each
log.

Data collection data fields:

Name	Type	Values	Info	Header data	Meas. sequence	Feed in edit
SITE NO.	NUM	0-99999	Site number	x		x
STACK	NUM	0-999	Stack number	x		x
SPECIES	NUM	0-99	Species code	x		x
LOG	NUM	0-99999	Log number auto inc.			x
BARK	NUM	0-99	Bark thickness		x	
LENGTH CM	NUM	0-9999	Log length cm		x	
GRADE	NUM	0-99	Grade code		x	
TOP DIA	DIA	10-500/650/800	Top diameter		x	
ROOT DIA	DIA	10-500/650/800	Root diameter		x	

3.1 Output file

Example output file in .txt and .xls/.xlsx format



	A	B	C	D	E	F	G	H	I
1	SITE NO.	STACK	SPECIES	LOG	BARK	LENGTH CM	GRADE	TOP DIA	ROOT DIA
2	1234	100	1	1	5	500	1	330	391
3	1234	100	1	2	5	500	1	364	422
4	1234	100	1	3	7	500	1	344	411
5	1234	100	1	4	7	540	1	382	435
6	1234	100	1	5	7	540	1	305	369
7	1234	100	1	6	7	500	1	349	407
8	1234	100	1	7	7	500	2	366	410

4. Log measurement (over bark)

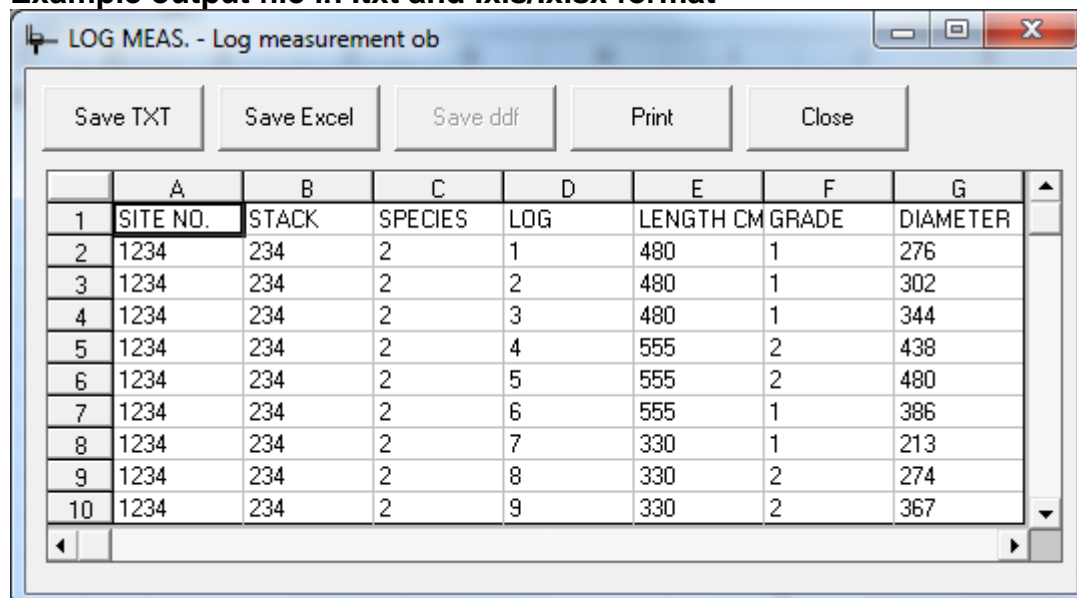
Program is meant for log measurement. Measurements are done from middle of the log. Program includes three header data (SITE NO., STACK, SPECIES) and four log data (LOG, LENGTH, GRADE, DIAMETER). Log number start can be set for each site. Length, grade and diameter are input for each log.

Data collection data fields:

Name	Type	Values	Info	Header data	Meas. sequence	Feed in edit
SITE NO.	NUM	0-99999	Site number	x		x
STACK	NUM	0-999	Stack number	x		x
SPECIES	NUM	0-99	Species code	x		x
LOG	NUM	0-99999	Log number auto inc.			x
LENGTH CM	NUM	0-9999	Log length cm		x	
GRADE	NUM	0-99	Grade code		x	
DIAMETER	DIA	10-500/650/800	Diameter		x	

4.1 Output file

Example output file in .txt and .xls/.xlsx format



The screenshot shows a software window titled "LOG MEAS. - Log measurement ob". It has a menu bar with a file icon and a toolbar with buttons for "Save TXT", "Save Excel", "Save ddf", "Print", and "Close". Below the toolbar is a data table with columns labeled A through G and rows numbered 1 through 10. The table contains the following data:

	A	B	C	D	E	F	G
1	SITE NO.	STACK	SPECIES	LOG	LENGTH CM	GRADE	DIAMETER
2	1234	234	2	1	480	1	276
3	1234	234	2	2	480	1	302
4	1234	234	2	3	480	1	344
5	1234	234	2	4	555	2	438
6	1234	234	2	5	555	2	480
7	1234	234	2	6	555	1	386
8	1234	234	2	7	330	1	213
9	1234	234	2	8	330	2	274
10	1234	234	2	9	330	2	367

5. Log measurement (under bark)

Program is meant for log measurement. Measurements are done from middle of the log. Program includes three header data (SITE NO., STACK, SPECIES) and five log data (LOG, BARK, LENGTH, GRADE, DIAMETER). Log number start can be set for each site. Bark, length, grade and diameter are input for each log.

Data collection data fields:

Name	Type	Values	Info	Header data	Meas. sequence	Feed in edit
SITE NO.	NUM	0-99999	Site number	x		x
STACK	NUM	0-999	Stack number	x		x
SPECIES	NUM	0-99	Species code	x		x
LOG	NUM	0-99999	Log number auto inc.			x
BARK	NUM	0-99	Bark thickness		x	
LENGTH CM	NUM	0-9999	Log length cm		x	
GRADE	NUM	0-99	Grade code		x	
DIAMETER	DIA	10-500/650/800	Diameter		x	

5.1 Output file

Example output file in .txt and .xls/.xlsx format

The screenshot shows a software window titled "LOG MEAS. - Log measurement ub". It has buttons for "Save TXT", "Save Excel", "Save ddf", "Print", and "Close". Below the buttons is a table with 10 rows of data. The columns are labeled A through H, corresponding to the data fields in the table above.

	A	B	C	D	E	F	G	H
1	SITE NO.	STACK	SPECIES	LOG	BARK	LENGTH CM	GRADE	DIAMETER
2	1234	234	3	100	8	480	1	275
3	1234	234	3	101	8	480	1	319
4	1234	234	3	102	8	480	1	348
5	1234	234	3	103	8	550	2	444
6	1234	234	3	104	8	550	2	488
7	1234	234	3	105	8	550	1	469
8	1234	234	3	106	8	330	1	297
9	1234	234	3	107	8	330	1	335
10	1234	234	3	108	8	330	1	222

6. Log measurement in sections (Root to Top)

Program is meant for log measurement. Measurements are in sections from root to top. Program includes one header data (SITE NO.) and six log data (LOG, SECTION, SPECIES, DIAMETERS, TOP DIA, LENGTH). Log number start and section length can be set for each site. There have been defined 40 diameter measurements to program. When the species and log diameters are measured, extra diameters can be skipped by accepting diameter 11-20mm (OK will be displayed). After that the top diameter and length are input for each log.

Data collection data fields:

Name	Type	Values	Info	Header data	Meas. sequence	Feed in edit
SITE NO.	NUM	0-99999	Site number	x		x
LOG	NUM	0-99999	Log number auto inc.			x
SECTION	TXT	100 cm, 50 cm	Section length			x
SPECIES	NUM	0-99	Species code		x	
DIA1	DIA	10-500/650/800	Diameter		x	
....	DIA	10-500/650/800	Other diameters up to 40		x	
DIA40	DIA	10-500/650/800	Diameter		x	
TOP DIA	DIA	10-500/650/800	Top diameter		x	
LENGTH CM	NUM	0-9999	Log length cm		x	

6.1 Output file

Example output file in .txt and .xls/.xlsx format

	A	B	C	D	E	F	G	H	I	J
1	SITE NO.	LOG	SECTION	SPECIES	DIA1	DIA2	DIA3	DIA4	DIA5	DIA6
2	1246	1	100 cm	1	479	459	431	372	352	0
3	1246	2	100 cm	1	344	326	298	271	242	0
4	1246	3	100 cm	2	460	450	430	400	394	0
5	1246	4	100 cm	2	318	307	276	264	0	0
6	1246	5	100 cm	2	360	350	333	0	0	0

7. Log measurement in sections (Top to Root)

Program is meant for log measurement. Measurements are in sections from top to root. Program includes one header data (SITE NO.) and six log data (LOG, SECTION, SPECIES, TOP DIA, LENGTH, DIAMETERS). Log number start and section length can be set for each site. Species, top diameter and log length are input for each log and after that the diameters are measured. There have been defined 40 diameter measurements to program. Extra diameters can be skipped by accepting diameter 11-20mm (OK will be displayed)

Data collection data fields:

Name	Type	Values	Info	Header data	Meas. sequence	Feed in edit
SITE NO.	NUM	0-99999	Site number	x		x
LOG	NUM	0-99999	Log number auto inc.			x
SECTION	TXT	100 cm, 50 cm	Section length			x
SPECIES	NUM	0-99	Species code		x	
TOP DIA	DIA	10-500/650/800	Top diameter		x	
LENGTH CM	NUM	0-9999	Log length cm		x	
DIA1	DIA	10-500/650/800	Diameter		x	
....	DIA	10-500/650/800	Other diameters up to 40		x	
DIA40	DIA	10-500/650/800	Diameter		x	

7.1 Output file

Example output file in .txt and .xls/.xlsx format

LOG MEAS - Log meas in sections

Save TXT Save Excel Save ddf Print Close

	A	B	C	D	E	F	G	H	I	J	K	
1	SITE NO.	LOG	SECTION	SPECIES	LENGTH CM	TOP DIA	DIA1	DIA2	DIA3	DIA4	DIA5	DIA6
2	1234	1	100 cm	2	500	224	230	245	254	265	284	0
3	1234	2	100 cm	2	500	304	323	335	353	363	375	0
4	1234	3	100 cm	2	495	271	280	294	319	333	350	0
5	1234	4	100 cm	3	420	371	381	394	410	422	438	0
6	1234	5	100 cm	1	280	236	251	273	294	0	0	0

8. Pile measurement

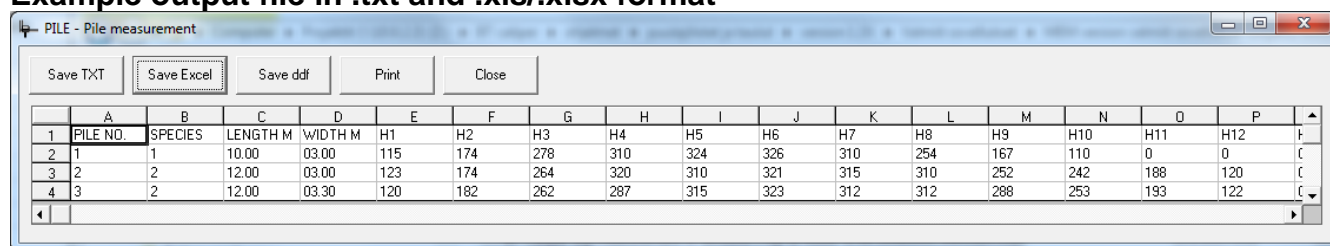
Program is meant for pile measurement. Program includes four pile data (PILE NO., LENGTH, WIDTH, H1-H50). Pile number, length, width and heights are input for each pile. There have been defined 50 height measurements to program. Extra heights can be skipped by accepting diameter 11-20mm (OK will be displayed)

Data collection data fields:

Name	Type	Values	Info	Header data	Meas. sequence	Feed in edit
PILE NO.	NUM	0-99999	Pile number		x	
SPECIES	NUM	0-99	Species code		x	
LENGTH M	NUM	0-99,99	Pile length		x	
WIDTH M	NUM	0-99,99	Pile width		x	
H1	NUM	0-999	Pile height cm		x	
...	NUM	0-999	Other pile heights up to 50		x	
H50	NUM	0-999	Pile height cm		x	

8.1 Output file

Example output file in .txt and .xls/.xlsx format



The screenshot shows a software window titled "PILE - Pile measurement". It has a menu bar and a toolbar with buttons: "Save TXT", "Save Excel", "Save ddf", "Print", and "Close". Below the toolbar is a data table with columns labeled A through P and rows numbered 1 through 4. The data is as follows:

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	PILE NO.	SPECIES	LENGTH M	WIDTH M	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	H11	H12
2	1	1	10.00	03.00	115	174	278	310	324	326	310	254	167	110	0	0
3	2	2	12.00	03.00	123	174	264	320	310	321	315	310	252	242	188	120
4	3	2	12.00	03.30	120	182	262	287	315	323	312	312	288	253	193	122