

Assisi Manager

Version 2017.2.25

10/23/2017 1:04:52 PM

Database Name:

Assisi Sample Inventory

Database Path:

C:\Development\AssisiForest\Samples\AssisiSampleDatabase.accdb

Setting up Compilation

10/23/2017 1:04:53 PM

Tree Source...

Tree Source: Cruised Trees

Calibrations...

Calibration: ORGANON

Markets...

Northwest

Products: 79

Sorts: 101

Grades: 73

Compiling

10/23/2017 1:04:53 PM

Northwest Comprehensive Survey, Stand 070701

Area

Cruise 2

Calibration ORGANON

Cruise Design:

Cruise Design OSU Research Forests

Sight Point Breast Height

| Sub | Plot | Adjust | Group | Type | Content | BAF | Radius | Length | Count | Percent | Min DBH | Max DBH | Add SP |
|-----|------|--------|--------------|----------|---------|------|--------|--------|-------|---------|---------|---------|--------|
| | 1 | | Big Trees | Variable | Trees | 20.0 | | | | | 8.1 | | |
| | 2 | | Small Trees | Fixed | Trees | | 15.560 | | | | 4.1 | 8.1 | |
| | 3 | | Regeneration | Fixed | Regen | | 7.780 | | | | 0.0 | 4.1 | |
| | 4 | | Regeneration | Fixed | Regen | | 7.780 | | | | 0.0 | 4.1 | |
| | 5 | | Regeneration | Fixed | Regen | | 7.780 | | | | 0.0 | 4.1 | |
| | 6 | | Regeneration | Fixed | Regen | | 7.780 | | | | 0.0 | 4.1 | |
| | 7 | | Regeneration | Fixed | Regen | | 7.780 | | | | 0.0 | 4.1 | |
| | 8 | | Vegetation | Fixed | Cover | | 1.945 | | | | | | |
| | 9 | | Vegetation | Fixed | Cover | | 1.945 | | | | | | |
| | 10 | | Vegetation | Fixed | Cover | | 1.945 | | | | | | |
| | 11 | | Vegetation | Fixed | Cover | | 1.945 | | | | | | |
| | 12 | | DWD | Transect | DWD | | | 50 | | | | | |
| | 13 | | DWD | Transect | DWD | | | 50 | | | | | |
| | 14 | | DWD | Transect | DWD | | | 50 | | | | | |
| | 15 | | DWD | Transect | DWD | | | 50 | | | | | |
| | 16 | | Duff Depth | Point | Samples | | | | 8 | | | | |

Market Northwest

Plots:

| Plot | Year | Grw | Tree Counts | | | | Tot |
|------|------|-----|-------------|-----|-----|-----|-----|
| | | | Est | Reg | Sng | Cnt | |
| 1 | 1995 | 17 | 0 | 0 | 0 | 17 | |
| 2 | 1995 | 13 | 0 | 0 | 0 | 13 | |
| 3 | 1995 | 16 | 0 | 0 | 0 | 16 | |
| 4 | 1995 | 5 | 0 | 0 | 0 | 5 | |
| 5 | 1995 | 17 | 0 | 0 | 0 | 17 | |
| 6 | 1995 | 8 | 0 | 0 | 0 | 8 | |
| 7 | 1995 | 7 | 0 | 0 | 0 | 7 | |
| 8 | 1995 | 13 | 0 | 0 | 0 | 13 | |
| 9 | 1995 | 13 | 0 | 0 | 0 | 13 | |

| | | | | | | |
|------|------|-----|---|---|---|-----|
| 10 | 1995 | 7 | 0 | 0 | 0 | 7 |
| 11 | 1995 | 7 | 0 | 0 | 0 | 7 |
| 12 | 1995 | 14 | 0 | 0 | 0 | 14 |
| 13 | 1995 | 8 | 0 | 0 | 0 | 8 |
| 14 | 1995 | 9 | 0 | 0 | 0 | 9 |
| 15 | 1995 | 6 | 0 | 0 | 0 | 6 |
| 16 | 1995 | 5 | 0 | 0 | 0 | 5 |
| 17 | 1995 | 13 | 0 | 0 | 0 | 13 |
| 18 | 1995 | 7 | 0 | 0 | 0 | 7 |
| 19 | 1995 | 10 | 0 | 0 | 0 | 10 |
| 20 | 1995 | 8 | 0 | 0 | 0 | 8 |
| 21 | 1995 | 8 | 0 | 0 | 0 | 8 |
| (21) | 1995 | 211 | 0 | 0 | 0 | 211 |

Densities...

Site Indexes:

| Plot | Tree Sp | DBH | Age | | | Site | |
|------|---------|-----|-----|-----|-----|-------|----|
| | | | TH | BH | Tot | SI | SC |
| 1 | 7 | DF | 130 | 131 | | 82.5 | 4 |
| 2 | 10 | DF | 143 | 147 | | 87.3 | 4 |
| 3 | 2 | DF | 137 | 77 | | 108.1 | 3 |
| 5 | 12 | DF | 148 | 168 | | 86.9 | 4 |
| 6 | 5 | DF | 153 | 96 | | 108.9 | 3 |
| 8 | 9 | DF | 201 | 165 | | 115.1 | 2 |
| 11 | 3 | DF | 171 | 143 | | 104.0 | 3 |
| 15 | 4 | DF | 124 | 139 | | 77.5 | 4 |
| 16 | 5 | DF | 114 | 74 | | 92.5 | 4 |
| 18 | 6 | DF | 115 | 102 | | 80.9 | 4 |
| 19 | 5 | DF | 140 | 64 | | 121.7 | 2 |

| Sp | Default | | Sampled | | Override | | Used | | Source | | |
|-----|---------|----|---------|-----|----------|----|------|-----|--------|---|---------|
| | SI | SC | BH | Tot | SI | SC | BH | Tot | | | |
| DF | 123.0 | 2 | 119 | 127 | 96.9 | 3 | 119 | 127 | 96.9 | 3 | Sampled |
| BM | 100.0 | 3 | | | | | | | 100.0 | 3 | Default |
| GF | 115.0 | 2 | | | | | | | 115.0 | 2 | Default |
| OWO | 100.0 | 3 | | | | | | | 100.0 | 3 | Default |
| PY | 100.0 | | | | | | | | 100.0 | | Default |
| RA | 100.0 | 3 | | | | | | | 100.0 | 3 | Default |
| PD | 100.0 | | | | | | | | 100.0 | | Default |
| OA | 100.0 | 3 | | | | | | | 100.0 | 3 | Default |

Major Species:

| Sp | Site | | Age | | Age | | Notes |
|-----|------|-------|-----|-------|-----|-----|----------------------------------|
| | BA | SI | SC | to BH | BH | Tot | |
| BM | 75 | 100.0 | 3 | 2 | | | |
| DF | 67 | 96.9 | 3 | 8 | 119 | 127 | Major species using stand entry. |
| GF | 26 | 115.0 | 2 | 7 | | | |
| OA | 6 | 100.0 | 3 | 2 | | | |
| OWO | 2 | 100.0 | 3 | 2 | | | |
| PD | 1 | 100.0 | | | | | |
| PY | 4 | 100.0 | | | | | |
| RA | 14 | 100.0 | 3 | 2 | | | |

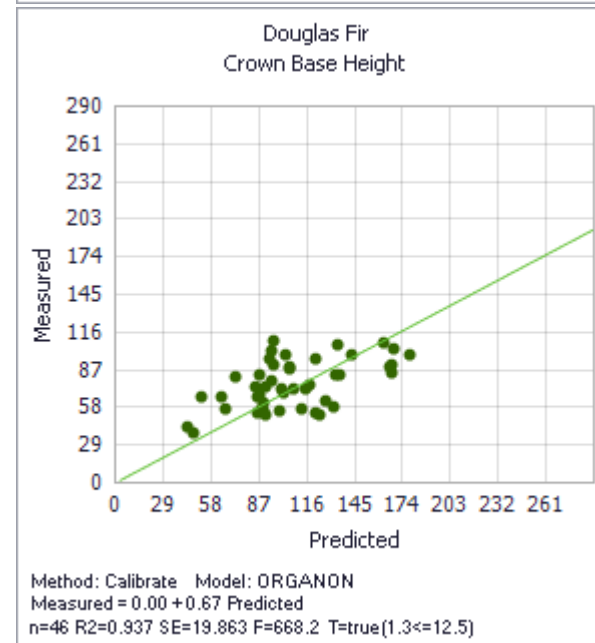
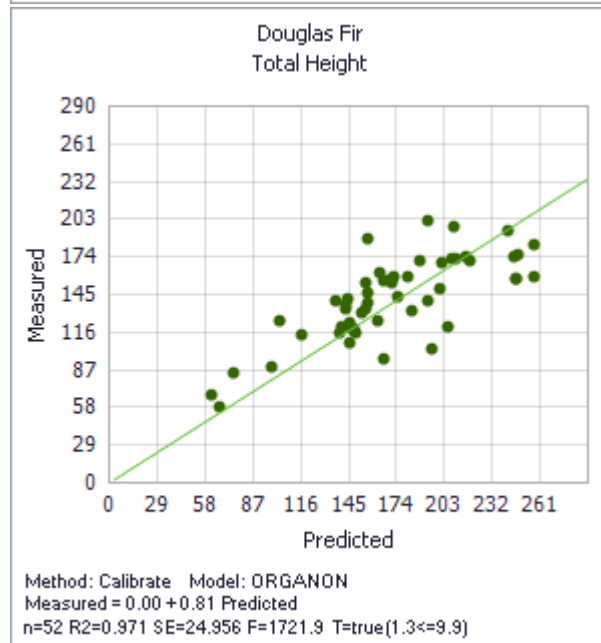
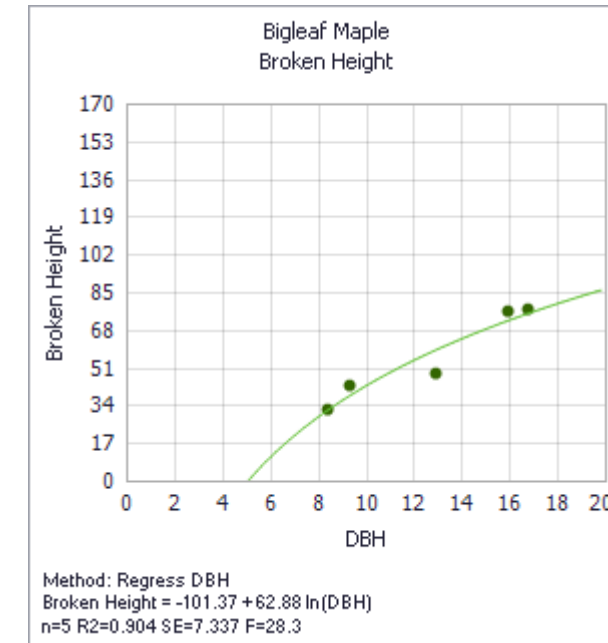
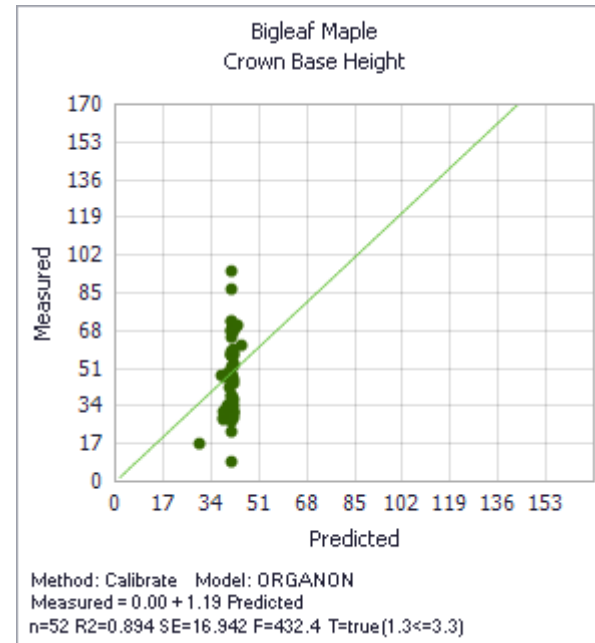
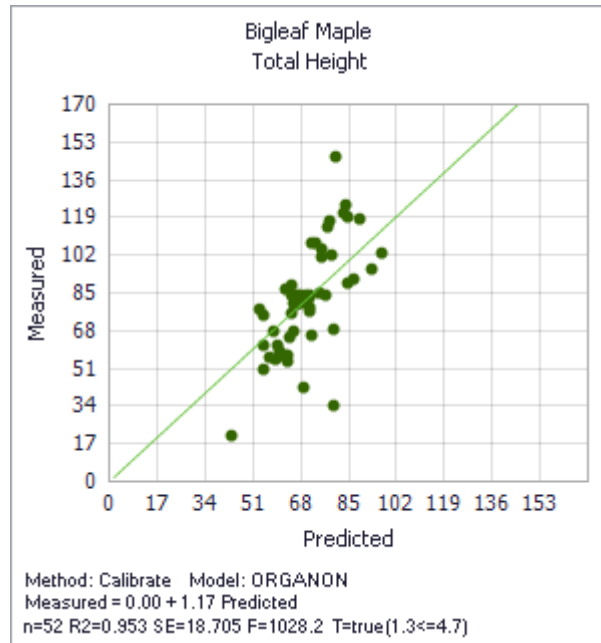
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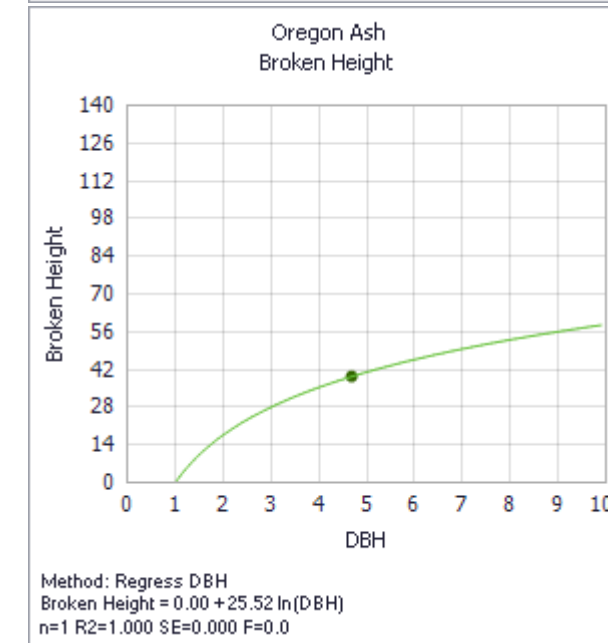
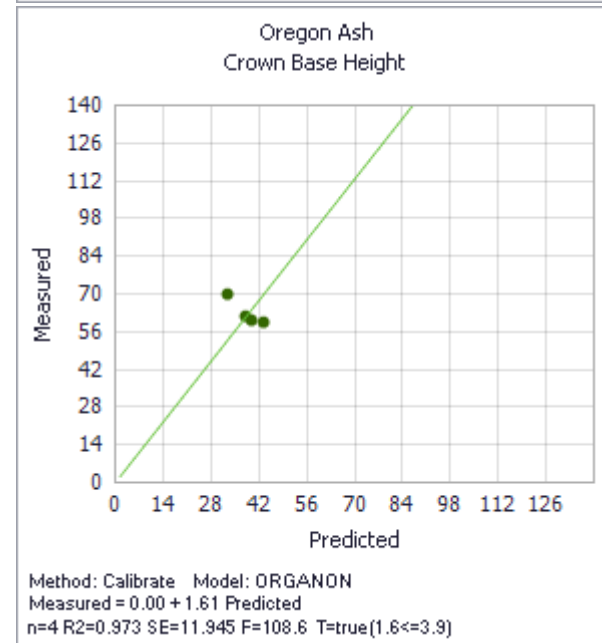
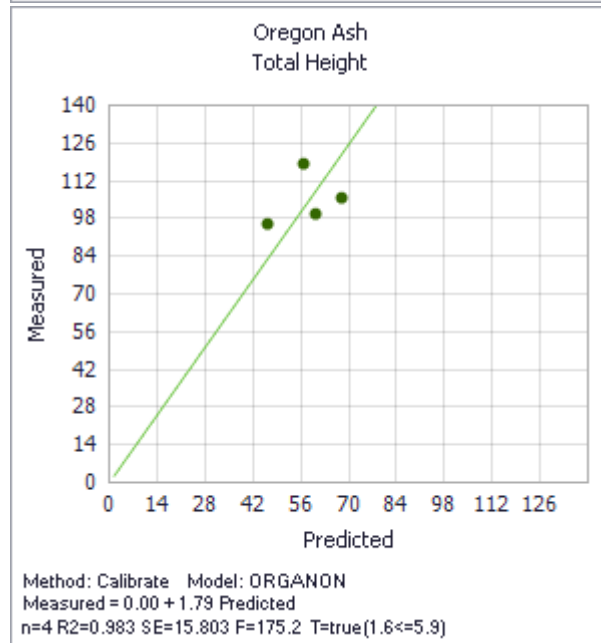
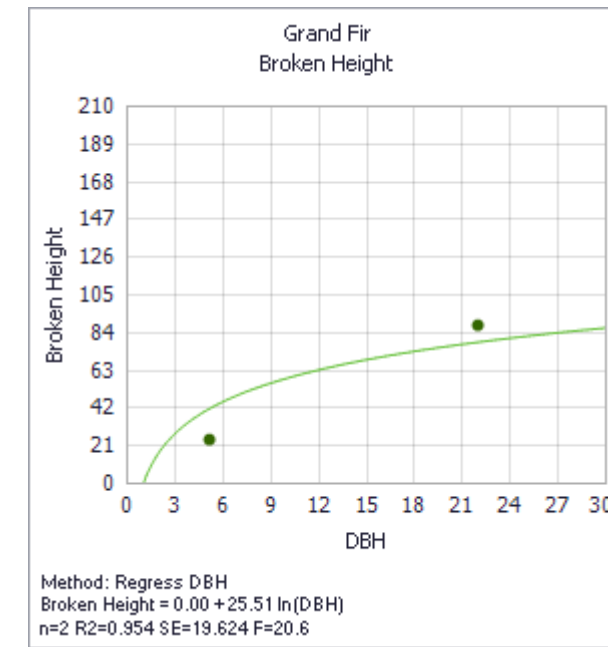
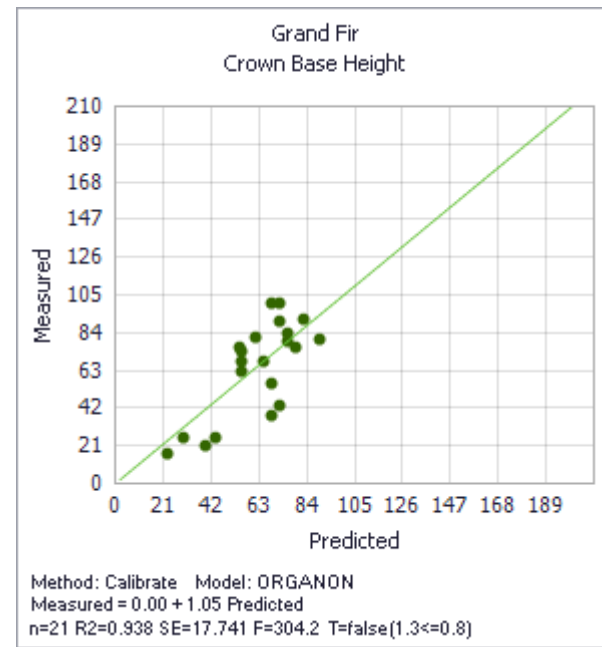
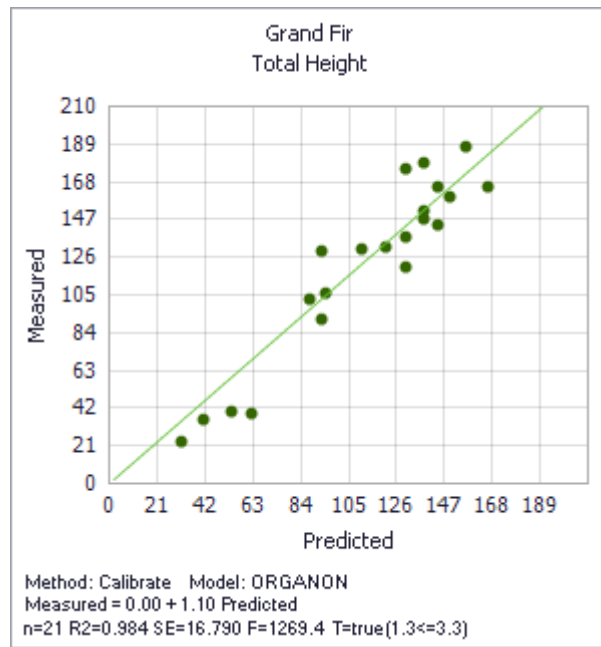
| | |
|---------|-----------------|
| Source | Stand Overrides |
| BH Age | 117 |
| Tot Age | 124 |
| Year: | 1995 |

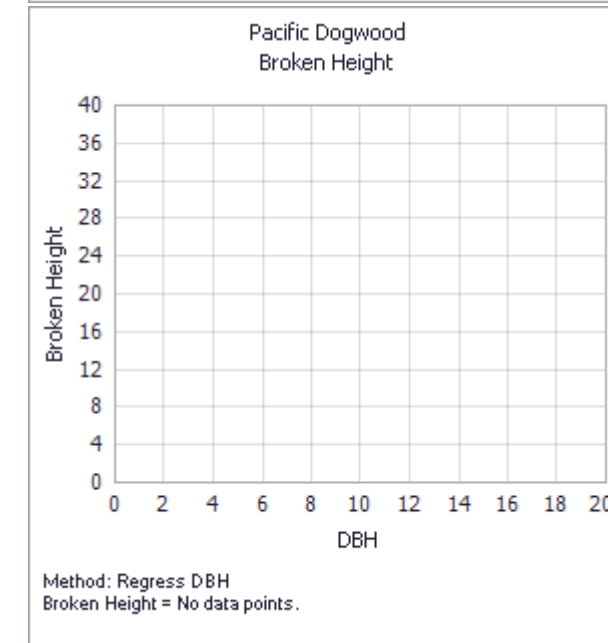
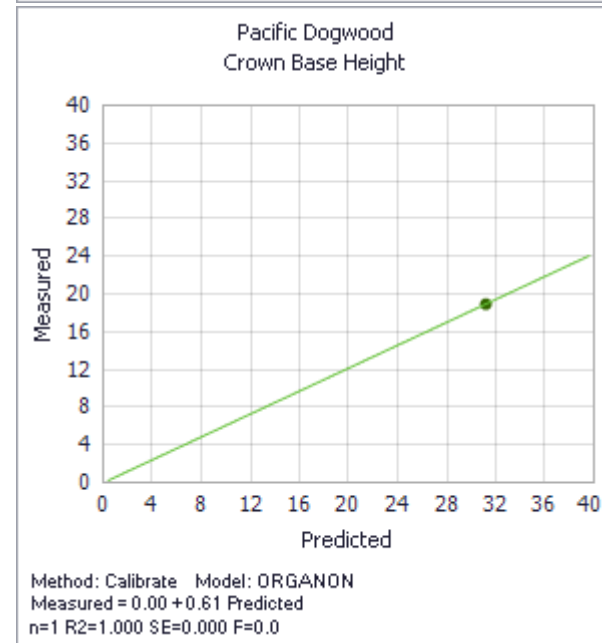
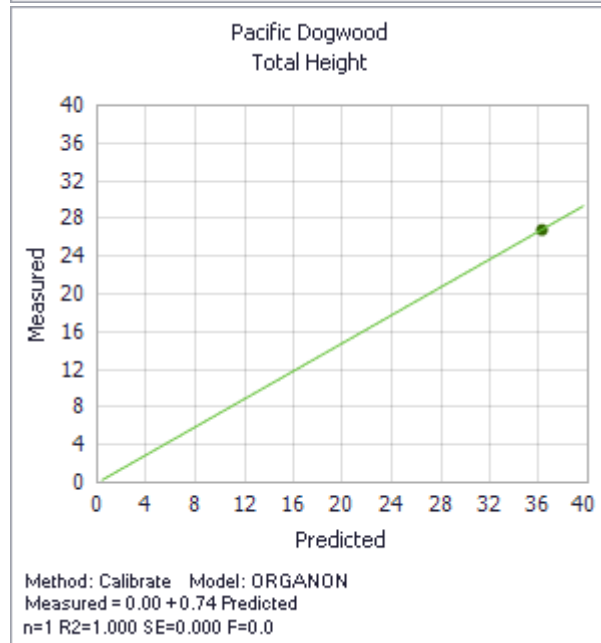
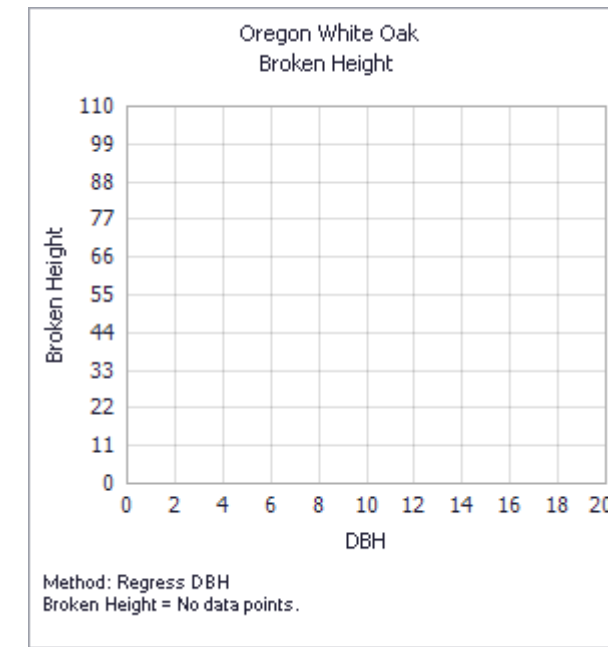
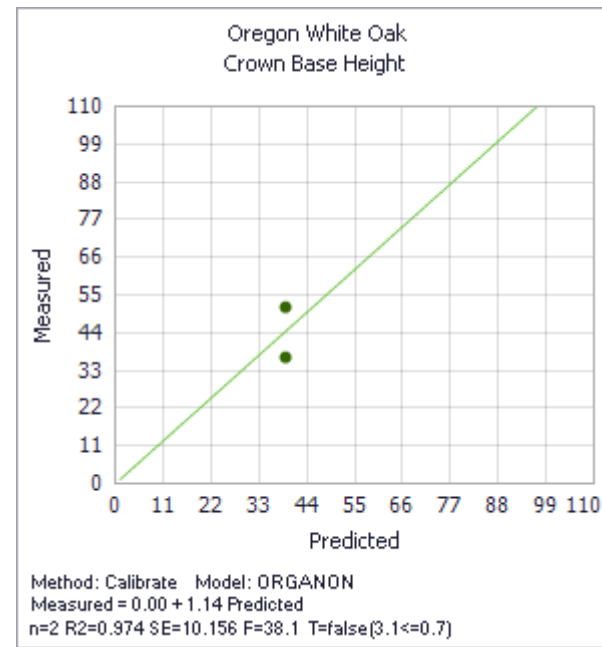
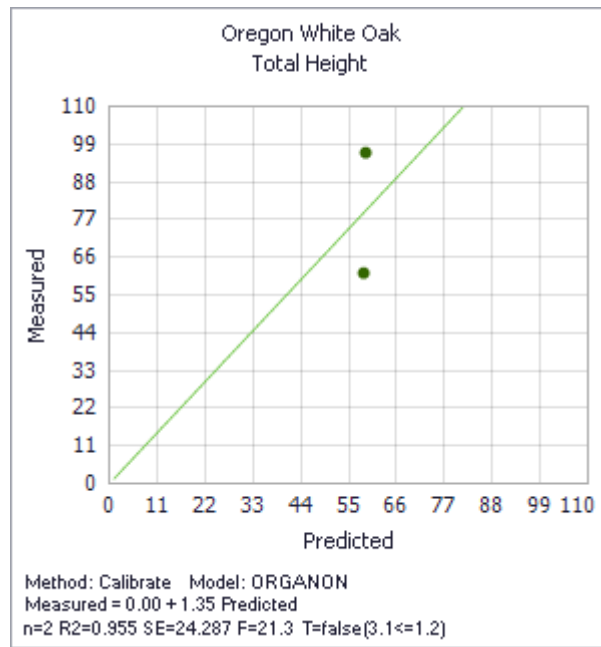
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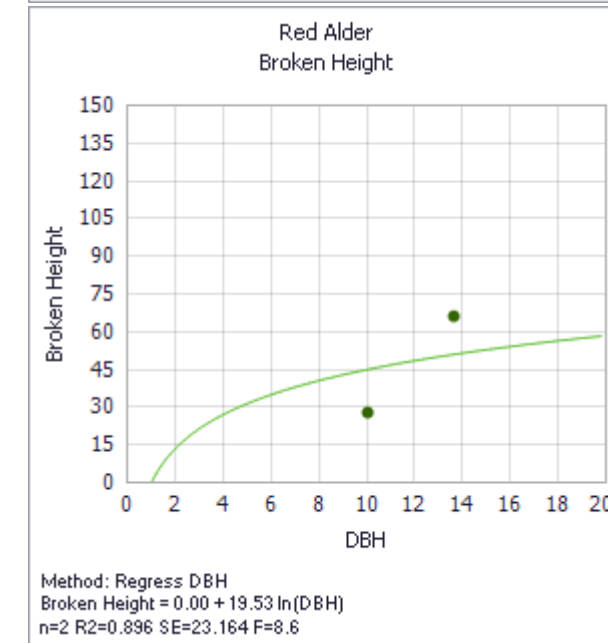
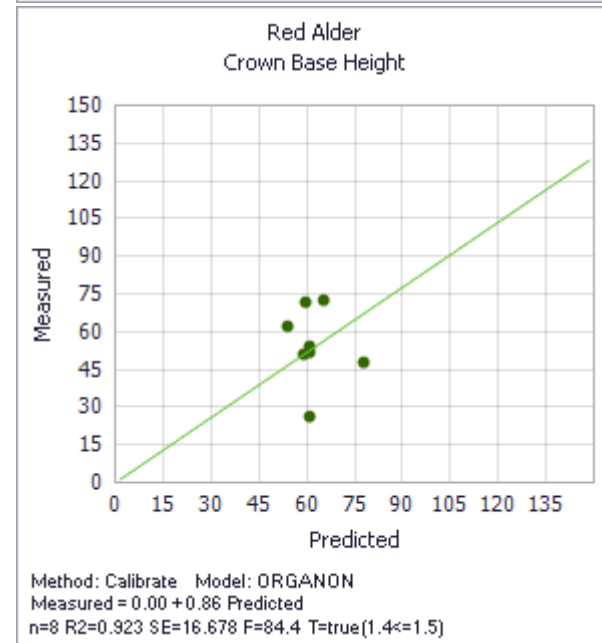
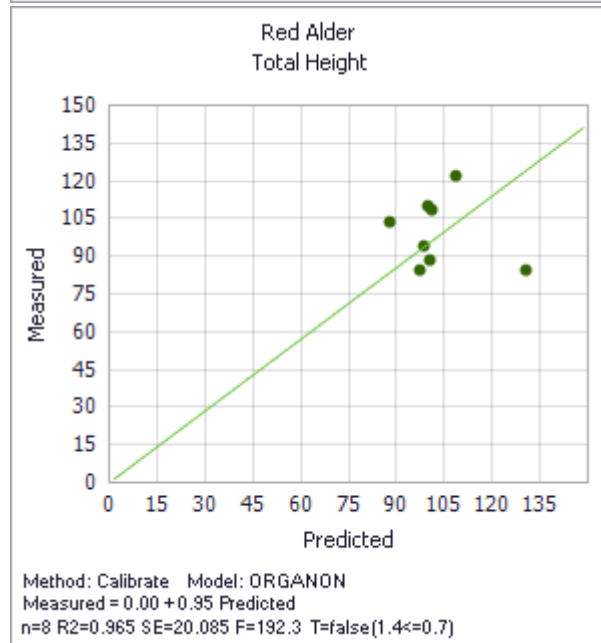
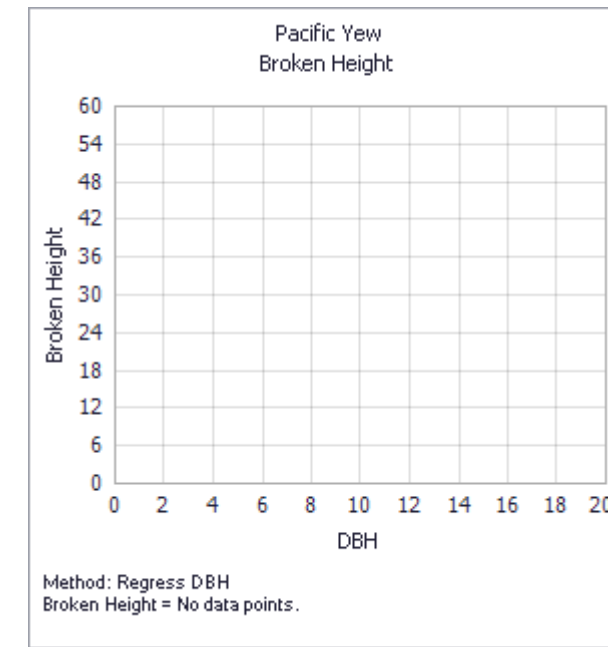
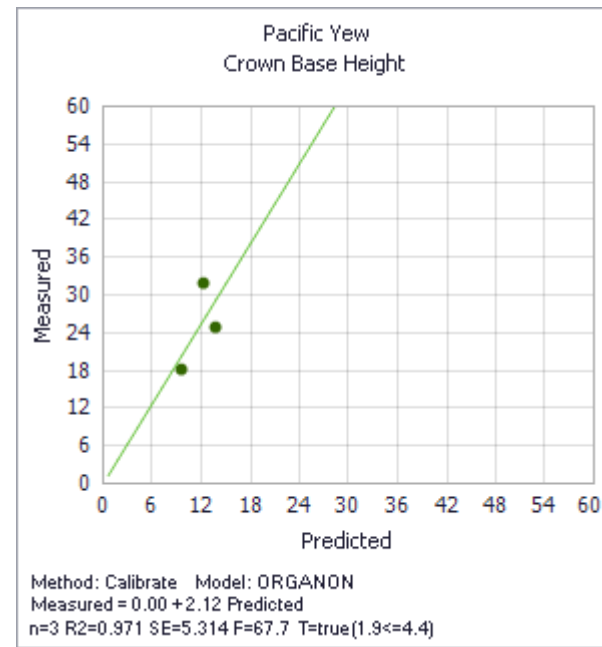
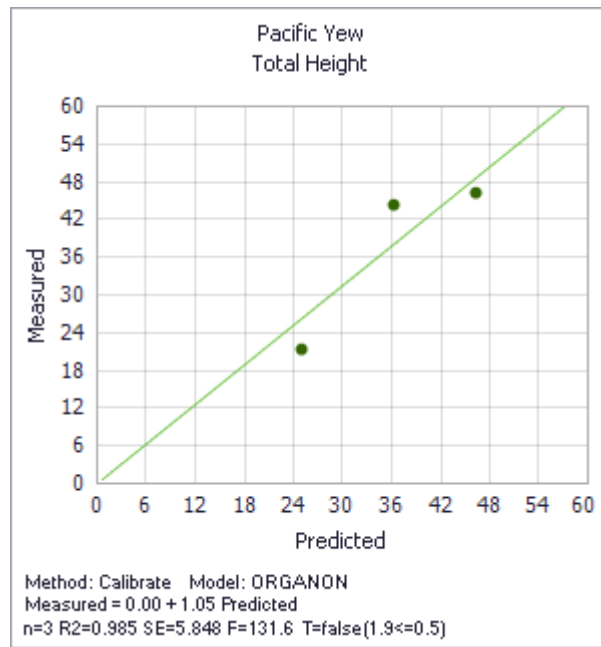
| | |
|-------------|---------------|
| Model: | ORGANON |
| Edition: | 9.1 |
| Region: | SMC |
| Method: | Grouped Plots |
| Min Height: | 4.6 |
| BH Age: | 117 |

Total Age: 124
 Use Max SDI Mortality?: True (Max SDI mortality in addition to internal mortality will be used.)
 Use Default Max SDI?: True (ORGANON default max SDI values will be used.)
 DF Site Index: 96.86 (Sampled)
 DF Max SDI: (ORGANON Default)
 TF Site Index: 115.00 (Default)
 TF Max SDI: (ORGANON Default)
 OC Site Index: 120.00 (WH,Default)
 OC Max SDI: (ORGANON Default)
 Triple Max Trigger: 0
 Young Model: User Defined
 Sub Samples...
 Confidence Interval 60%

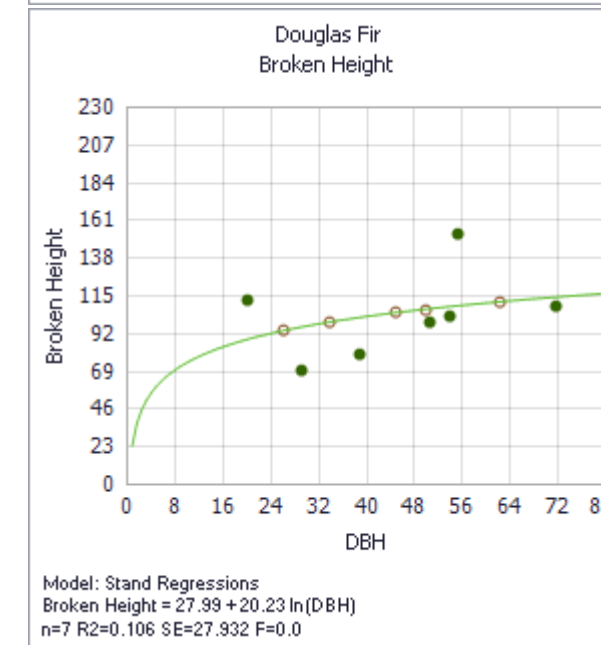
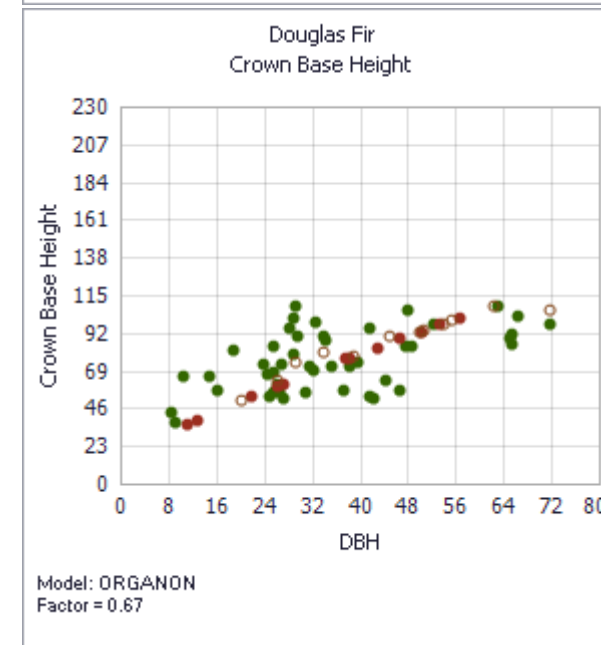
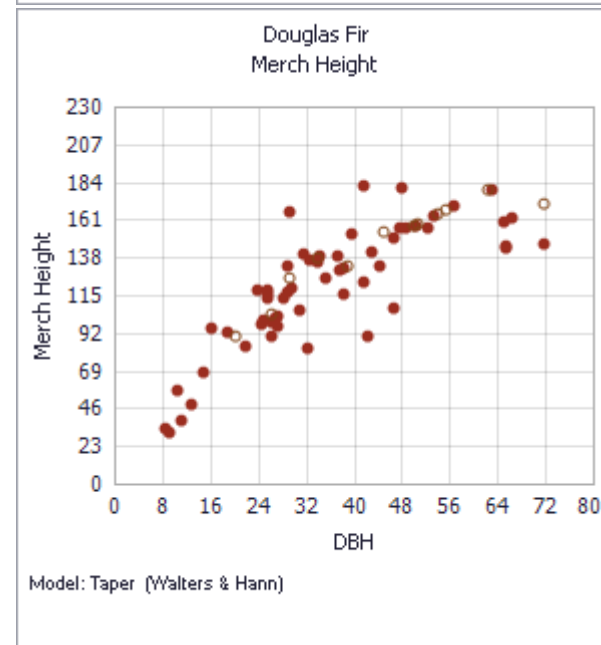
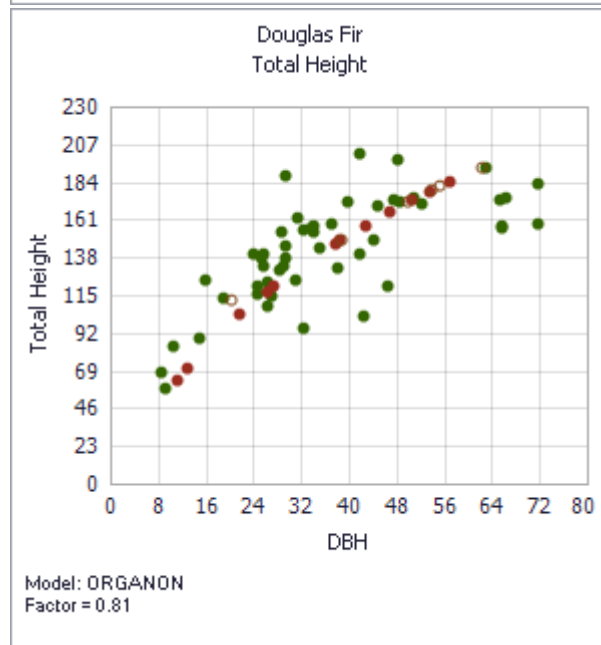
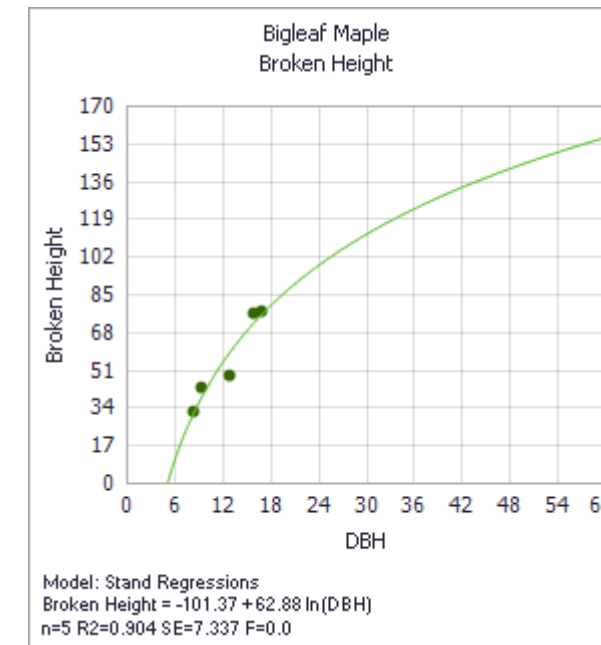
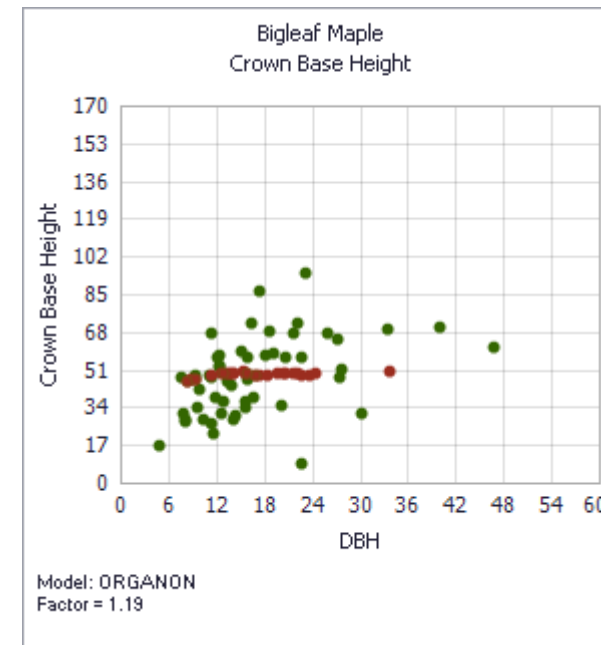
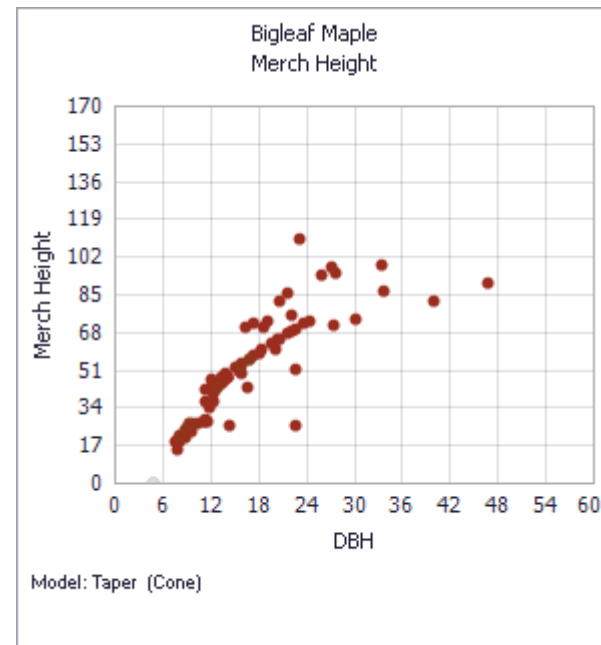
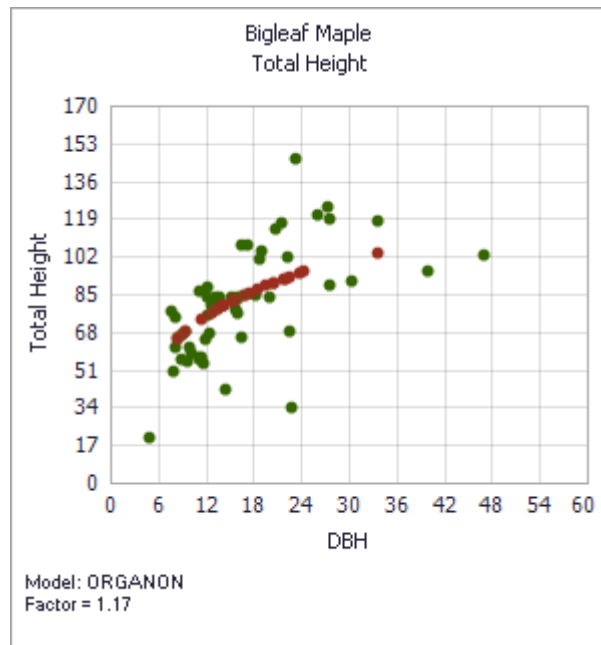


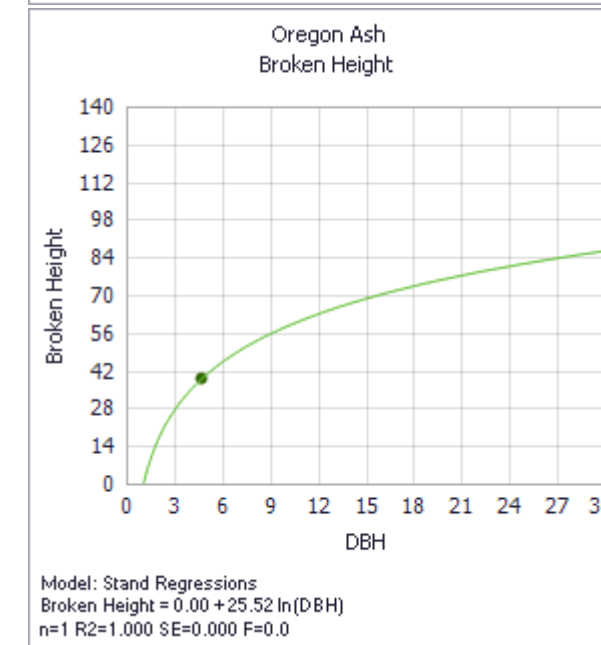
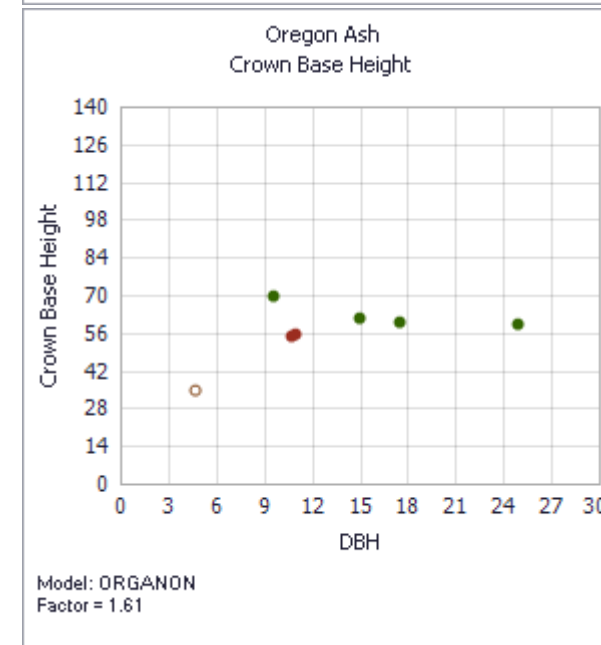
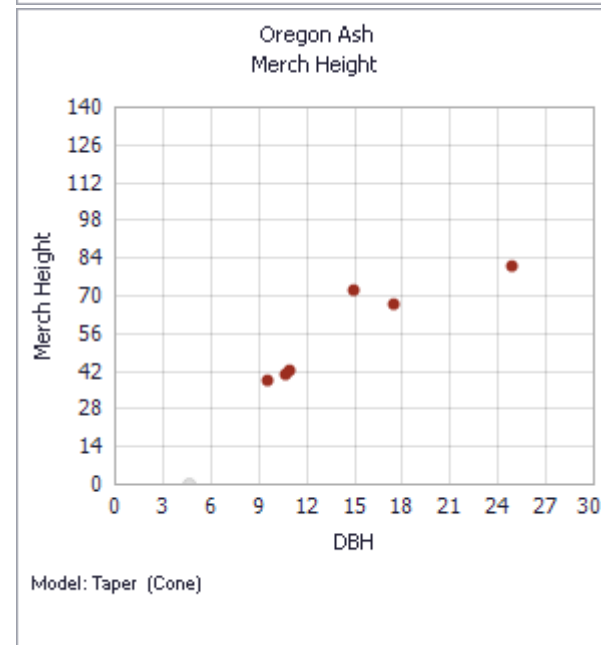
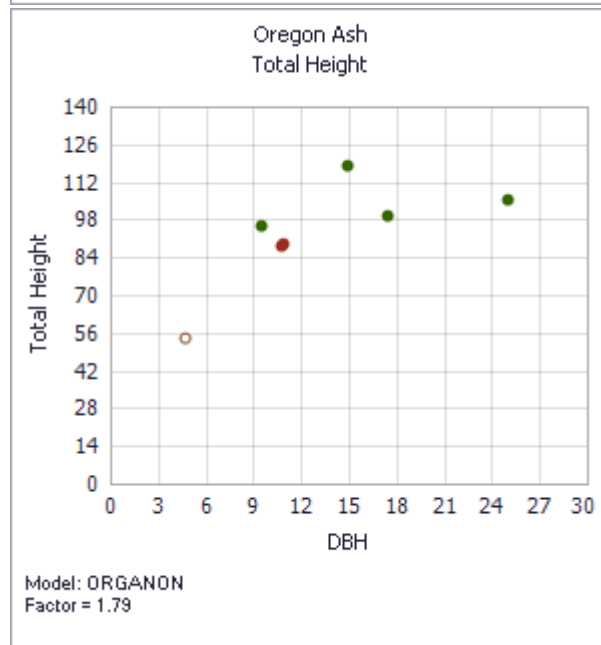
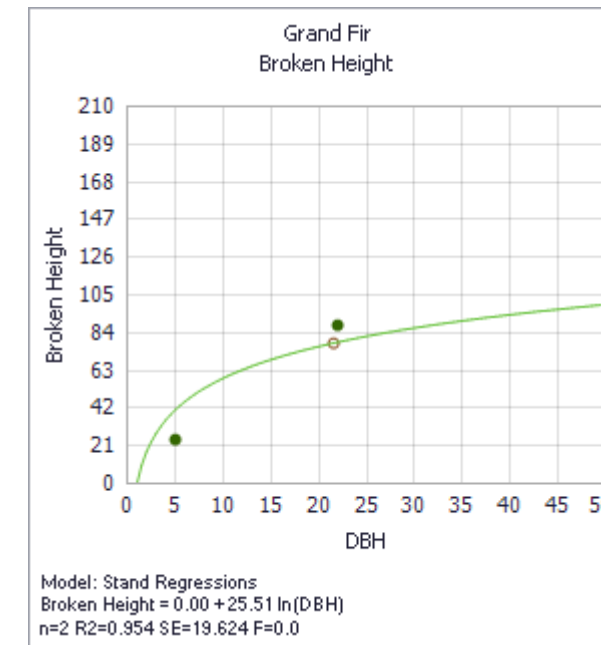
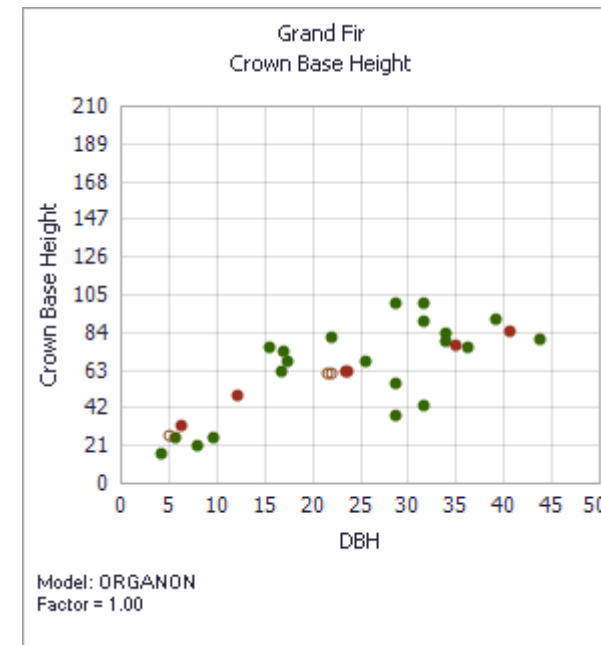
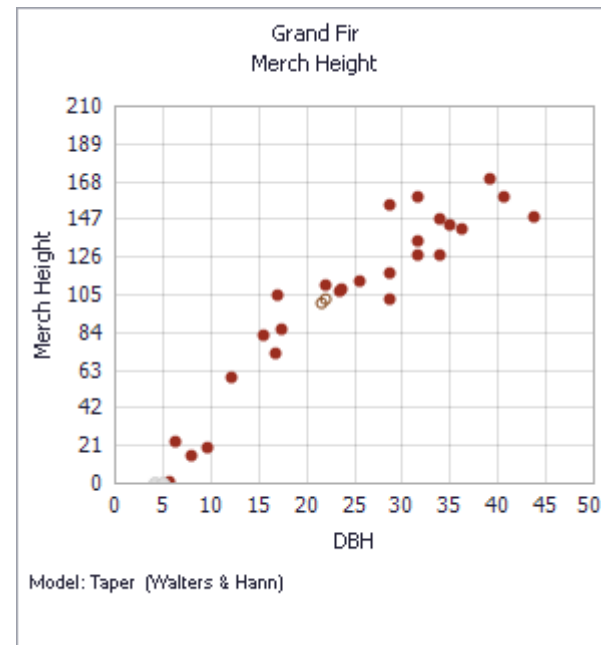
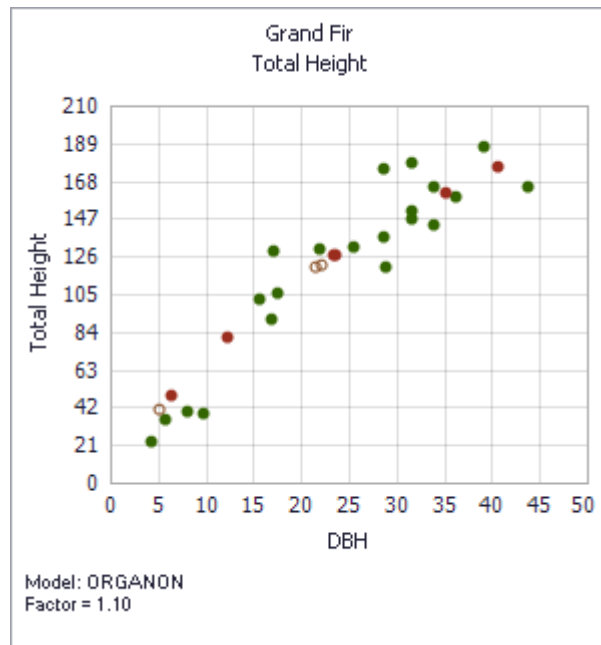


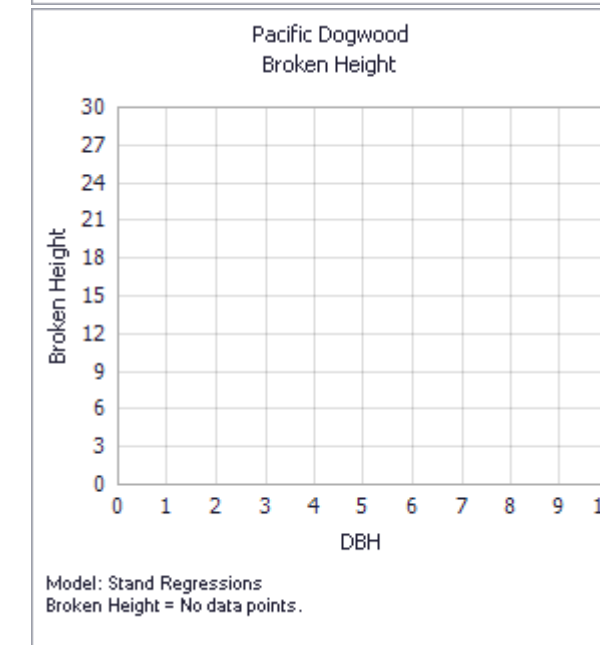
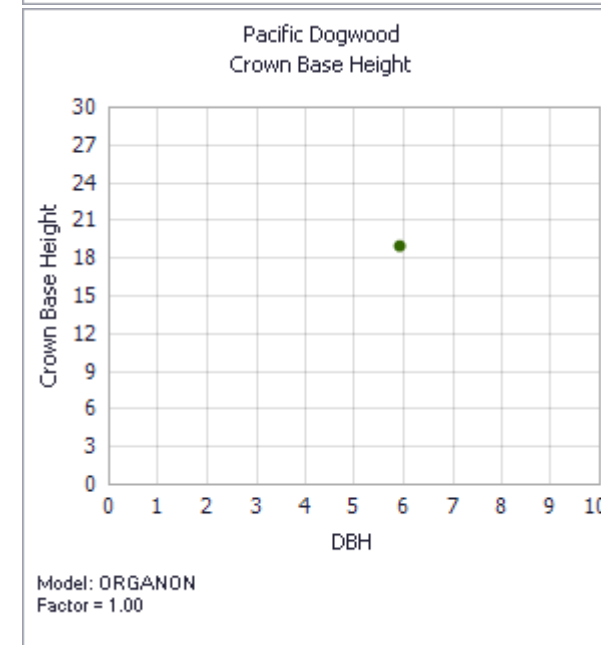
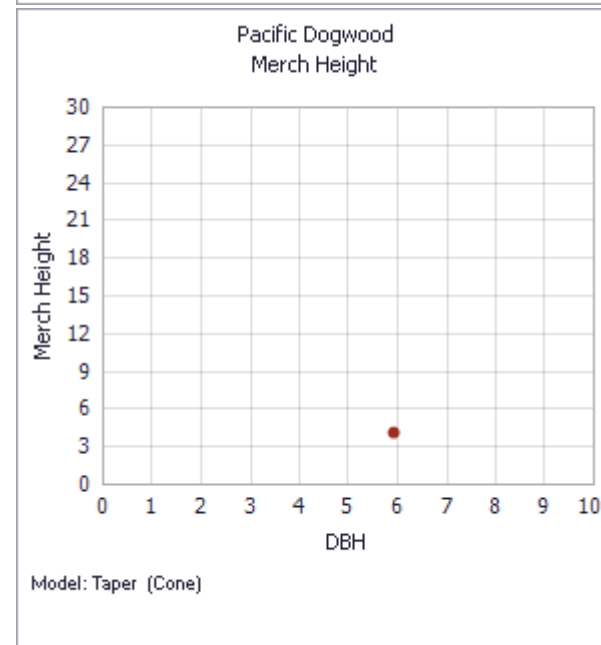
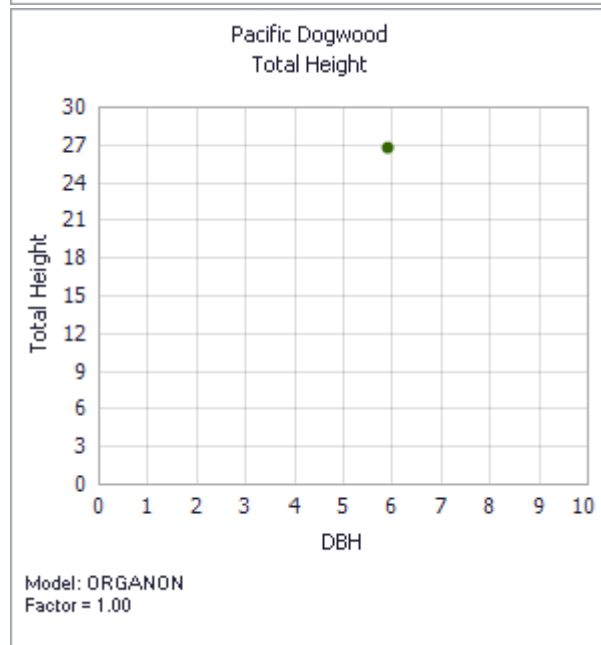
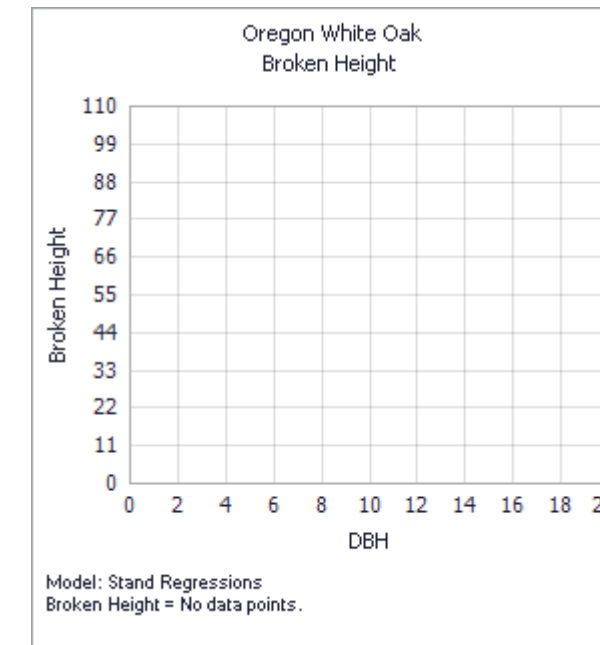
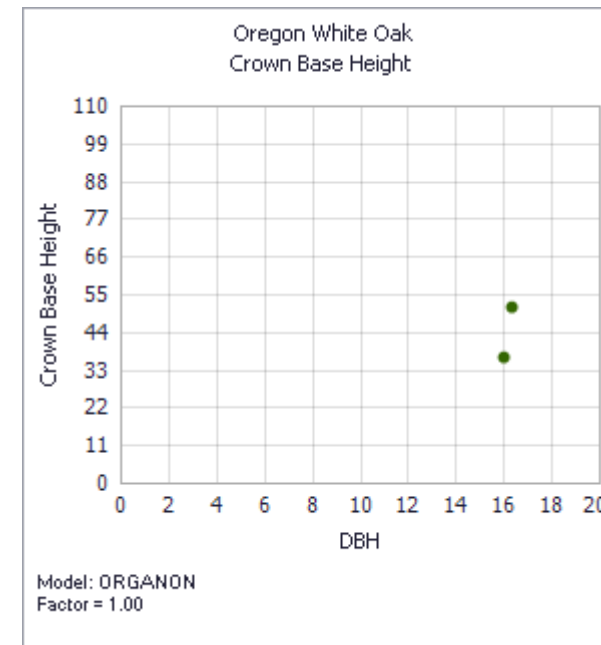
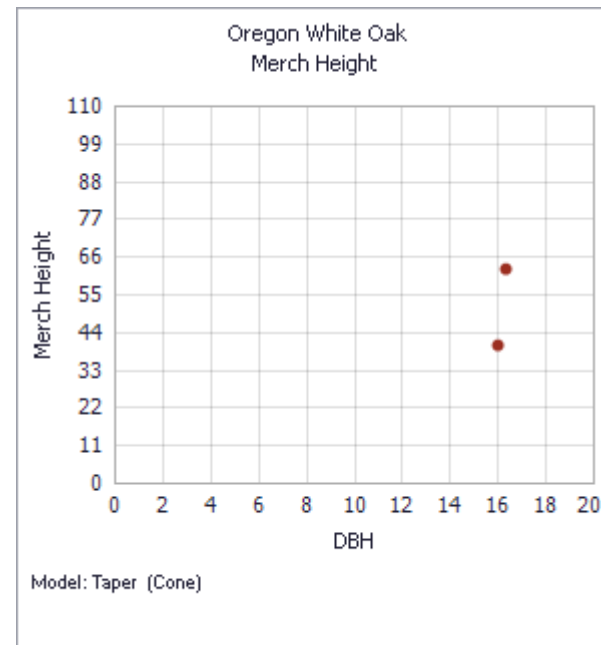
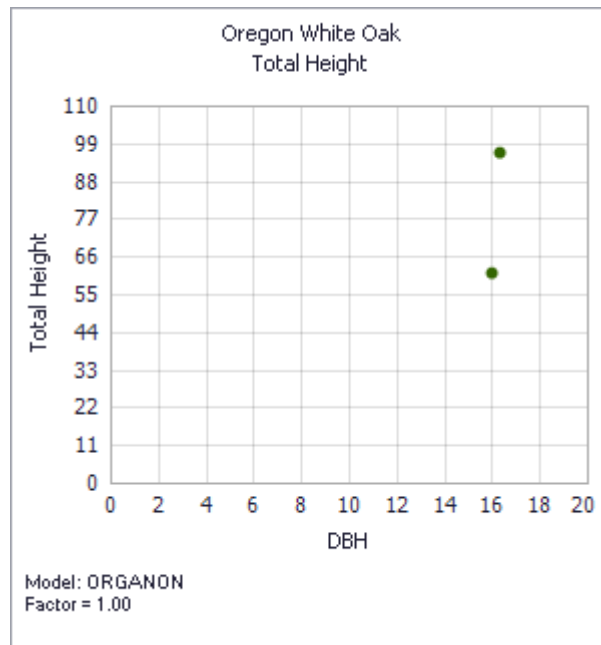


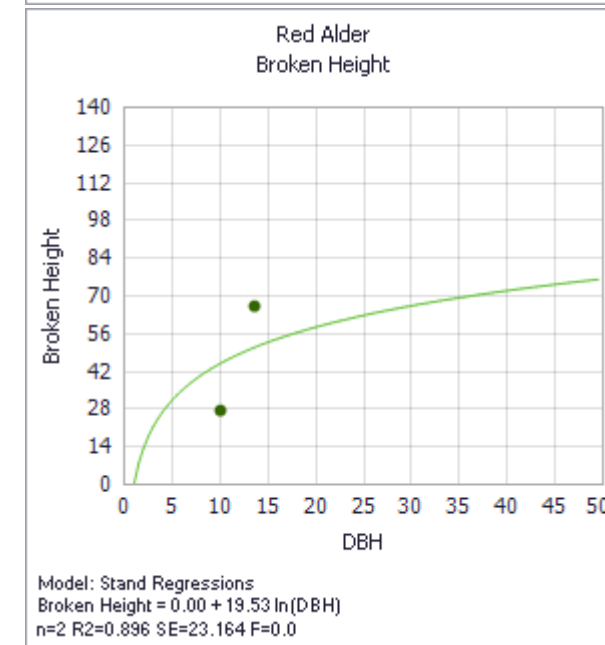
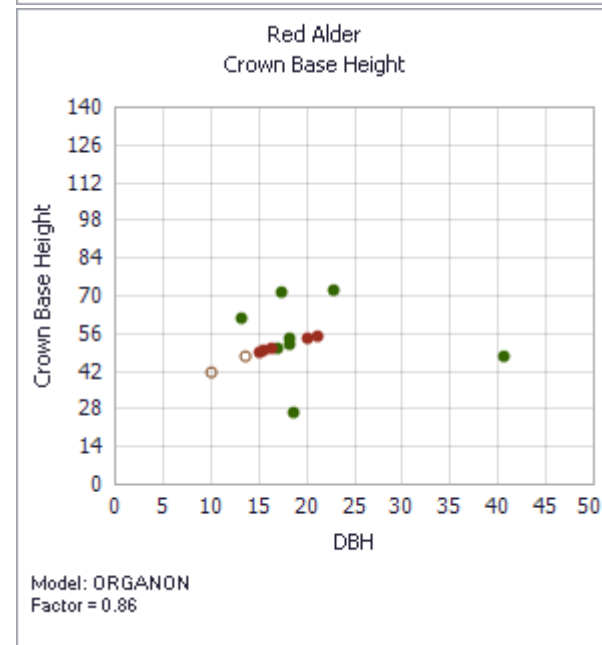
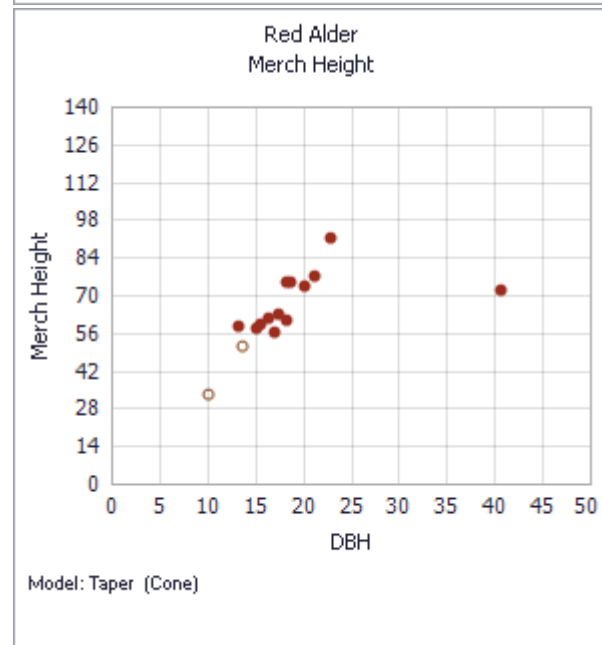
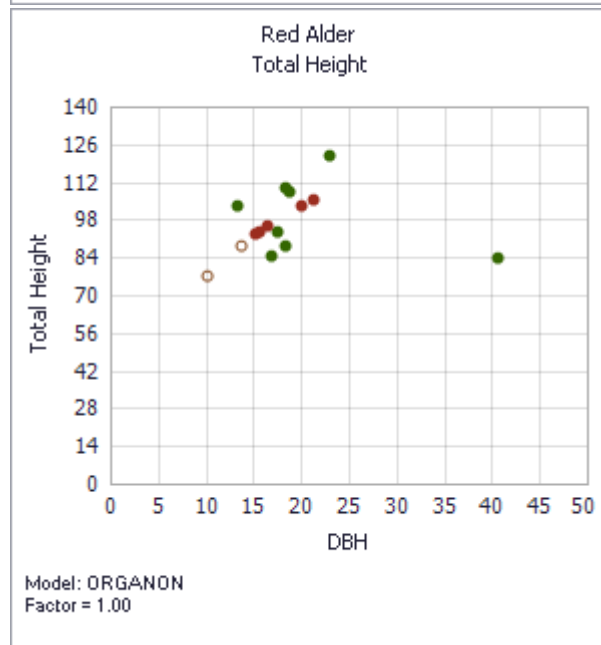
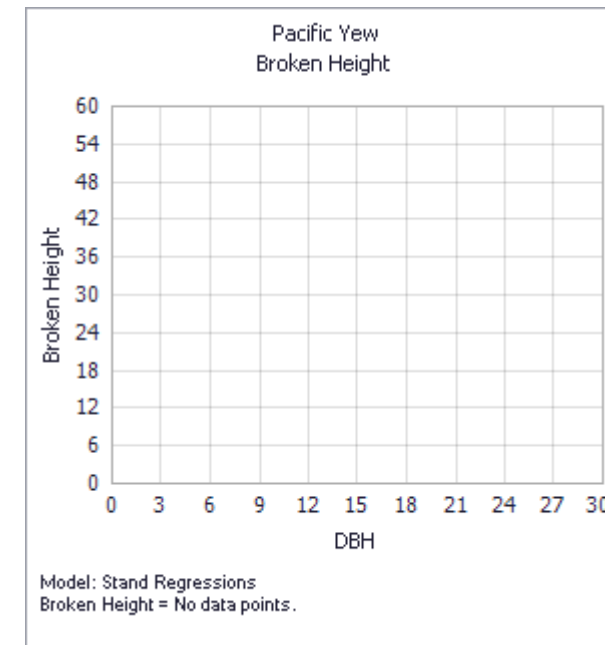
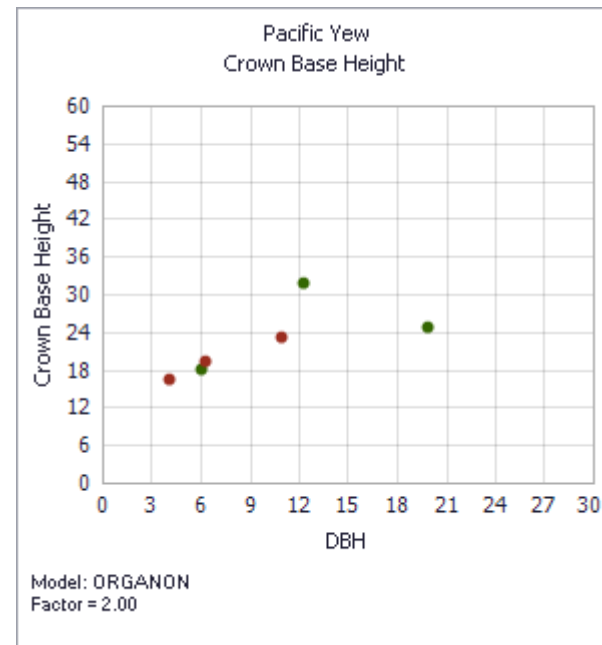
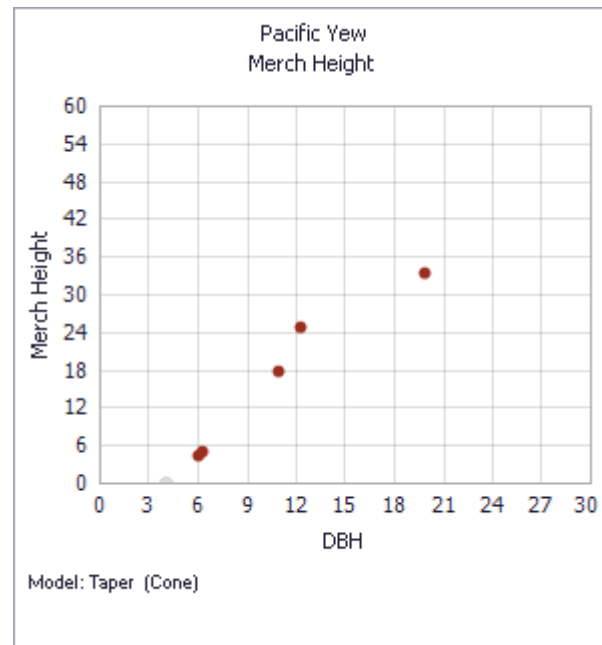
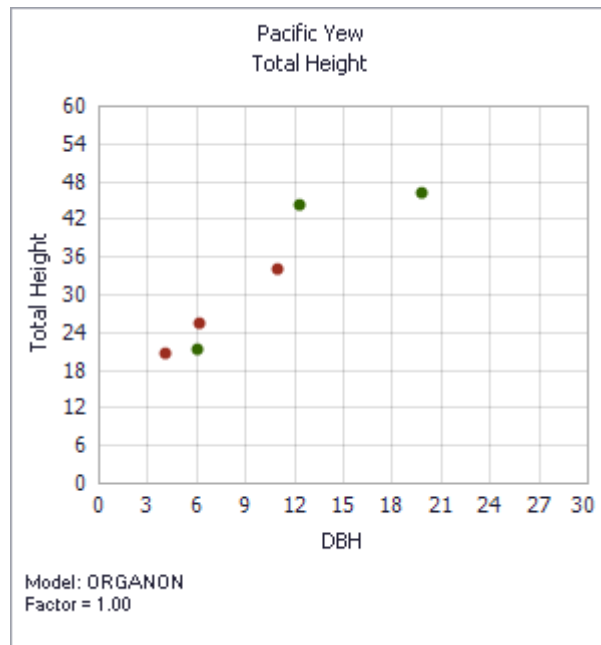


Estimate Missing Values...









- Tree 1, plot 1 (Douglas Fir, DBH=38.7) warnings. Merch height (133.25) > scale height (79.00): merch lowered to scale.
- Tree 9, plot 1 (Douglas Fir, DBH=33.7) warnings. Merch height (138.04) > scale height (99.15): merch lowered to scale.
- Tree 14, plot 1 (Douglas Fir, DBH=20.2) warnings. Estimated total height (99.27) < broken height (113.00): total height raised to broken height.
- Tree 2, plot 2 (Douglas Fir, DBH=49.8) warnings. Merch height (157.28) > scale height (107.05): merch lowered to scale.
- Tree 4, plot 2 (Douglas Fir, DBH=29.2) warnings. Merch height (126.25) > scale height (70.00): merch lowered to scale.
- Tree 3, plot 3 (Douglas Fir, DBH=62.2) warnings. Merch height (179.76) > scale height (111.55): merch lowered to scale.
- Tree 4, plot 3 (Douglas Fir, DBH=50.7) warnings. Merch height (159.34) > scale height (99.00): merch lowered to scale.
- Tree 5, plot 3 (Grand Fir, DBH=21.5) warnings. Merch height (100.52) > scale height (78.26): merch lowered to scale.
- Tree 17, plot 3 (Douglas Fir, DBH=53.8) warnings. Merch height (164.96) > scale height (103.00): merch lowered to scale.
- Tree 1, plot 4 (Douglas Fir, DBH=55.2) warnings. Merch height (167.54) > scale height (153.50): merch lowered to scale.
- Tree 20, plot 5 (Douglas Fir, DBH=44.7) warnings. Merch height (154.14) > scale height (104.86): merch lowered to scale.
- Tree 8, plot 6 (Red Alder, DBH=10.0) warnings. Merch height (33.62) > scale height (27.60): merch lowered to scale.
- Tree 4, plot 12 (Douglas Fir, DBH=71.5) warnings. Merch height (171.40) > scale height (109.00): merch lowered to scale.
- Tree 5, plot 15 (Douglas Fir, DBH=26.2) warnings. Merch height (104.51) > scale height (94.05): merch lowered to scale.
- Tree 6, plot 17 (Grand Fir, DBH=22.0) warnings. Merch height (102.37) > scale height (88.00): merch lowered to scale.

Grading...
 Compiling Samples...
 Updating Database...

Compilation Summary

10/23/2017 1:04:58 PM

For all Stands Just Compiled:

| | |
|-----------------------|---|
| Total Stands: | 1 |
| Total Plots: | 21 |
| Total Trees: | 211 |
| Stands Completed: | 0 |
| Stands With Warnings: | 1 Set detail level >= Medium for details. |
| Stands With Errors: | 0 |