Supplementary material.

Table suppl. 1: Average, minimum and maximum contents for the main oxides expressed in weight percent of the studied woodash and woodash lime glass.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Na2O | MgO | Al2O3 | P2O5 | Cl | K2O | CaO | TiO2 | MnO | Fe2O3 | Rb2O | SrO | ZrO2 | BaO |
| Woodash average | 1.37% | 5.28% | 2.56% | 1.99% | 0.44% | 10.9% | 13.5% | 0.30% | 0.84% | 1.12% | 240 | 421 | 299 | 1912 |
| Min. content | 0.90% | 4.19% | 1.79% | 1.46% | 0.21% | 8.34% | 10.2% | 0.22% | 0.58% | 0.84% | 169 | 290 | 214 | 955 |
| Max. content | 2.07% | 6.27% | 3.49% | 3.12% | 0.65% | 14.9% | 15.0% | 0.45% | 1.09% | 1.59% | 380 | 546 | 474 | 3069 |
| Woodash lime average | 3.44% | 3.08% | 3.57% | 2.11% | 0.64% | 3.17% | 21.4% | 0.17% | 0.66% | 1.05% | 69 | 915 | 212 | 1939 |
| Min. content | 1.99% | 2.15% | 2.69% | 1.39% | 0.36% | 1.06% | 15.7% | 0.11% | 0.27% | 0.57% | 21 | 619 | 110 | 629 |
| Max. content | 5.13% | 4.13% | 5.39% | 2.71% | 0.91% | 6.33% | 24.4% | 0.30% | 1.36% | 1.57% | 246 | 1847 | 615 | 4593 |

Table suppl. 2a: Composition determined by LA-ICP-MS of the studied glass. Main oxides expressed in weight percent.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | Na2O | MgO | Al2O3 | SiO2 | P2O5 | Cl | K2O | CaO | TiO2 | MnO | Fe2O3 |
| Woodash glass | Haithabu | Hai 1937 1 10 | 1.66% | 5.09% | 2.64% | 60.1% | 2.27% | 0.49% | 10.8% | 14.2% | 0.30% | 0.79% | 1.21% |
| Woodash glass | Haithabu | Hai 1937 1 30 A | 1.05% | 4.88% | 2.97% | 59.5% | 1.85% | 0.45% | 10.9% | 15.0% | 0.39% | 0.98% | 1.40% |
| Woodash glass | Haithabu | Hai 1937 1 30 B | 1.47% | 6.02% | 1.79% | 60.2% | 2.10% | 0.65% | 12.7% | 12.8% | 0.23% | 0.73% | 0.89% |
| Woodash glass | Haithabu | Hai 1937 1 30 C | 1.07% | 4.95% | 2.77% | 62.5% | 2.11% | 0.43% | 10.5% | 12.8% | 0.38% | 0.84% | 1.21% |
| Woodash glass | Haithabu | Hai 1937 1 47 | 1.17% | 5.35% | 2.44% | 61.7% | 1.91% | 0.51% | 9.98% | 14.1% | 0.31% | 1.08% | 0.90% |
| Woodash glass | Haithabu | Hai 1937 1 48 | 1.29% | 5.51% | 2.17% | 60.2% | 2.11% | 0.54% | 13.2% | 12.5% | 0.27% | 0.80% | 0.91% |
| Woodash glass | Haithabu | Hai 1937 1 60 | 1.40% | 5.57% | 2.67% | 58.6% | 2.10% | 0.46% | 12.5% | 13.8% | 0.32% | 0.89% | 1.23% |
| Woodash glass | Haithabu | Hai 1937 2 10 | 1.52% | 5.25% | 2.15% | 61.7% | 2.35% | 0.51% | 14.2% | 10.2% | 0.29% | 0.62% | 0.84% |
| Woodash glass | Haithabu | Hai 1937 2 50 A | 0.90% | 4.19% | 3.49% | 64.3% | 1.46% | 0.25% | 8.79% | 13.2% | 0.45% | 0.87% | 1.59% |
| Woodash glass | Haithabu | Hai 1937 2 50 B | 1.07% | 4.95% | 2.81% | 62.5% | 2.01% | 0.40% | 10.6% | 12.8% | 0.37% | 0.85% | 1.22% |
| Woodash glass | Haithabu | Hai 1937 2 70 A | 1.42% | 5.32% | 2.25% | 60.3% | 1.88% | 0.40% | 11.5% | 14.1% | 0.29% | 0.87% | 1.18% |
| Woodash glass | Haithabu | Hai 1937 2 70 B | 1.16% | 5.34% | 2.46% | 61.6% | 1.93% | 0.55% | 9.94% | 14.3% | 0.32% | 1.09% | 0.91% |
| Woodash glass | Haithabu | Hai 1939 10 70 A | 1.35% | 6.27% | 2.20% | 60.5% | 1.61% | 0.39% | 10.8% | 14.3% | 0.22% | 0.99% | 1.05% |
| Woodash glass | Haithabu | Hai 1939 10 70 B | 1.50% | 5.70% | 2.29% | 63.6% | 1.67% | 0.38% | 8.56% | 13.9% | 0.26% | 0.78% | 1.02% |
| Woodash glass | Haithabu | Hai 1939 10 70 C | 1.94% | 5.75% | 2.27% | 61.2% | 2.10% | 0.45% | 11.3% | 12.5% | 0.26% | 0.77% | 1.04% |
| Woodash glass | Haithabu | Hai 1939 10 70 D | 1.40% | 5.18% | 2.73% | 63.3% | 1.67% | 0.36% | 8.46% | 14.2% | 0.30% | 0.83% | 1.21% |
| Woodash glass | Haithabu | Hai 1939 10 70 E | 1.49% | 5.77% | 2.32% | 63.3% | 1.69% | 0.38% | 8.53% | 14.0% | 0.26% | 0.79% | 1.03% |
| Woodash glass | Haithabu | Hai 1939 10 70 F | 2.07% | 5.76% | 2.10% | 62.5% | 1.94% | 0.56% | 10.4% | 12.3% | 0.25% | 0.76% | 1.03% |
| Woodash glass | Haithabu | Hai 1939 10 70 G | 1.11% | 5.68% | 2.62% | 62.3% | 1.80% | 0.32% | 8.68% | 14.7% | 0.29% | 0.99% | 1.08% |
| Woodash glass | Haithabu | Hai 1939 10 70 H | 1.54% | 5.24% | 2.77% | 63.3% | 1.78% | 0.46% | 9.04% | 13.2% | 0.29% | 0.73% | 1.18% |
| Woodash glass | Haithabu | Hai 1939 10 70 I | 1.14% | 6.04% | 2.39% | 60.6% | 1.68% | 0.39% | 10.3% | 14.7% | 0.25% | 1.01% | 0.96% |
| Woodash glass | Haithabu | Hai 1939 10 70 J | 1.75% | 4.69% | 2.99% | 63.1% | 1.94% | 0.43% | 8.34% | 14.1% | 0.32% | 0.75% | 1.29% |
| Woodash glass | Haithabu | Hai 1939 10 70 K | 1.87% | 5.72% | 2.56% | 59.9% | 2.39% | 0.41% | 9.88% | 14.7% | 0.27% | 0.85% | 1.06% |
| Woodash glass | Haithabu | Hai 1939 10 70 L | 1.53% | 5.80% | 2.29% | 63.1% | 1.75% | 0.38% | 8.60% | 14.1% | 0.26% | 0.79% | 1.02% |
| Woodash glass | Haithabu | Hai 1964 13 90 | 1.33% | 5.13% | 2.56% | 61.8% | 1.64% | 0.48% | 12.1% | 12.3% | 0.31% | 0.82% | 1.08% |
| Woodash glass | Haithabu | Hai 1966 10 70 | 1.38% | 5.22% | 2.30% | 60.3% | 2.27% | 0.58% | 14.9% | 10.6% | 0.32% | 0.74% | 0.99% |
| Woodash glass | Haithabu | Hai 1969 22 15 | 1.07% | 4.45% | 3.42% | 60.7% | 2.02% | 0.21% | 10.5% | 14.5% | 0.37% | 0.87% | 1.35% |
| Woodash glass | Haithabu | Hai 1969 27 35 | 1.10% | 4.41% | 2.24% | 59.8% | 2.76% | 0.47% | 13.2% | 13.9% | 0.23% | 0.58% | 0.98% |
| Woodash glass | Haithabu | Hai 19YY 10 50 A | 1.27% | 5.03% | 2.80% | 59.2% | 2.13% | 0.47% | 13.2% | 13.1% | 0.33% | 0.95% | 1.11% |
| Woodash glass | Haithabu | Hai 19YY 10 50 B | 1.34% | 5.65% | 2.24% | 59.8% | 1.99% | 0.48% | 10.7% | 15.0% | 0.27% | 1.00% | 1.05% |
| Woodash glass | Birka | SHM BJ 124 B | 1.22% | 4.83% | 3.13% | 58.5% | 3.12% | 0.44% | 14.8% | 11.2% | 0.34% | 0.69% | 1.42% |
| Woodash glass | Birka | SHM BJ 557 | 1.42% | 4.36% | 3.21% | 62.7% | 1.65% | 0.40% | 10.2% | 12.9% | 0.39% | 0.86% | 1.39% |
| Woodash lime glass | Birka | SHM BJ 348 | 2.53% | 2.85% | 3.75% | 62.1% | 2.17% | 0.37% | 5.37% | 19.3% | 0.11% | 0.45% | 0.72% |
| Woodash lime glass | Tissø | NM KU 367 | 3.02% | 2.67% | 3.72% | 60.4% | 2.19% | 0.59% | 2.52% | 22.5% | 0.25% | 0.49% | 1.21% |
| Woodash lime glass | Tissø | NM FB 890 | 1.99% | 3.34% | 3.68% | 58.9% | 2.25% | 0.37% | 5.37% | 21.7% | 0.17% | 0.69% | 1.03% |
| Woodash lime glass | Uppåkra | HML 8967 | 2.39% | 3.86% | 3.72% | 57.7% | 1.68% | 0.40% | 6.33% | 20.6% | 0.30% | 1.36% | 0.89% |
| Woodash lime glass | Sorte Muld | BMR R 81 | 2.75% | 2.83% | 3.46% | 59.6% | 2.28% | 0.80% | 2.36% | 23.8% | 0.16% | 0.63% | 1.05% |
| Woodash lime glass | Tissø | NM FB 181 | 2.88% | 2.85% | 2.69% | 68.0% | 1.59% | 0.36% | 4.36% | 15.7% | 0.15% | 0.57% | 0.57% |
| Woodash lime glass | Sorte Muld | BMR O 71 | 3.02% | 2.68% | 4.41% | 59.6% | 2.00% | 0.53% | 3.67% | 21.6% | 0.21% | 0.40% | 1.47% |
| Woodash lime glass | Uppåkra | HML 13560 | 3.67% | 3.29% | 3.52% | 59.6% | 2.45% | 0.68% | 2.62% | 21.7% | 0.18% | 0.75% | 1.06% |
| Woodash lime glass | Uppåkra | HML 8933 | 3.86% | 3.55% | 2.79% | 59.1% | 2.71% | 0.74% | 3.26% | 21.5% | 0.15% | 0.94% | 0.84% |
| Woodash lime glass | Strøby Toftegård | KOM X 1243 | 4.37% | 3.84% | 3.40% | 59.4% | 2.60% | 0.76% | 3.54% | 19.7% | 0.15% | 0.85% | 0.81% |
| Woodash lime glass | Strøby Toftegård | KOM X 1245 | 4.43% | 3.75% | 3.54% | 59.4% | 2.62% | 0.76% | 3.48% | 19.6% | 0.16% | 0.86% | 0.86% |
| Woodash lime glass | Tissø | NM KN 707 | 4.44% | 3.20% | 4.66% | 56.8% | 2.43% | 0.63% | 3.87% | 20.7% | 0.20% | 0.99% | 1.33% |
| Woodash lime glass | Strøby Toftegård | KOM X 139 | 5.13% | 4.13% | 5.39% | 55.6% | 2.24% | 0.54% | 3.84% | 19.7% | 0.22% | 0.85% | 1.57% |
| Woodash lime glass | Tissø | NM KN 1545 | 3.50% | 2.39% | 3.14% | 63.9% | 1.49% | 0.82% | 1.06% | 21.9% | 0.12% | 0.27% | 1.18% |
| Woodash lime glass | Tissø | NM 1162 | 3.80% | 3.24% | 3.45% | 59.2% | 2.36% | 0.91% | 1.47% | 23.2% | 0.20% | 0.58% | 1.14% |
| Woodash lime glass | Strøby Toftegård | KOM X 154 | 3.36% | 2.51% | 3.01% | 60.9% | 1.92% | 0.67% | 1.44% | 24.4% | 0.12% | 0.32% | 1.02% |
| Woodash lime glass | Haithabu | Hai 1937 0 21 | 3.57% | 2.38% | 3.16% | 61.9% | 1.59% | 0.79% | 1.27% | 23.2% | 0.14% | 0.55% | 1.09% |
| Woodash lime glass | Sorte Muld | BMR S 812 | 3.26% | 2.15% | 2.72% | 62.8% | 1.39% | 0.75% | 1.19% | 24.0% | 0.16% | 0.31% | 1.00% |
| Natron glass Egypt 2 | Birka | SHM BJ 124 A | 14.3% | 0.52% | 2.59% | 70.8% | 0.08% | 1.04% | 0.36% | 9.05% | 0.24% | 0.019% | 0.93% |
| Natron glass Egypt 2 | Birka | SHM 82909 | 15.2% | 0.54% | 2.48% | 69.3% | 0.08% | 1.19% | 0.25% | 9.51% | 0.26% | 0.028% | 0.99% |
| Natron glass Egypt 2 | Birka | SHM 70996 | 13.1% | 0.47% | 2.31% | 72.2% | 0.08% | 1.01% | 0.22% | 9.40% | 0.23% | 0.018% | 0.86% |
| Natron glass Egypt 2 | Birka | SHM 70907 | 15.6% | 0.51% | 2.50% | 69.2% | 0.08% | 1.00% | 0.29% | 9.49% | 0.26% | 0.067% | 0.94% |
| Natron glass Foy 2 | Tissø | NM A 54 22 | 16.5% | 0.81% | 2.56% | 68.5% | 0.16% | 0.83% | 1.13% | 7.16% | 0.12% | 0.78% | 0.79% |
| Natron glass Foy 2 | Tissø | NM 753 | 16.4% | 0.70% | 2.64% | 68.3% | 0.16% | 0.80% | 0.87% | 7.25% | 0.12% | 0.59% | 0.89% |
| Natron glass Foy 2 | Tissø | NM FG A 203 32 | 16.2% | 0.92% | 2.58% | 68.2% | 0.19% | 0.81% | 1.21% | 7.29% | 0.13% | 0.70% | 0.90% |
| Natron glass Foy 2 | Tissø | NM FG A 203 69 | 16.2% | 0.88% | 2.58% | 68.3% | 0.18% | 0.85% | 1.16% | 7.26% | 0.12% | 0.67% | 0.88% |
| Natron glass Foy 2 | Tissø | NM A 108 1 | 17.1% | 0.74% | 2.48% | 67.6% | 0.11% | 0.99% | 1.13% | 7.05% | 0.13% | 0.86% | 0.93% |
| Natron glass 3.2 | Birka | SHM 71125 | 18.0% | 0.76% | 1.97% | 68.8% | 0.04% | 1.09% | 0.32% | 6.90% | 0.087% | 1.01% | 0.78% |
| Natron glass Levantine | Birka | SHM 70998 | 15.4% | 0.51% | 2.81% | 69.3% | 0.16% | 1.22% | 0.52% | 7.69% | 0.052% | 1.71% | 0.36% |
| Woodash lime smoothers |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Tissø | NM KN 1394 | 4.34% | 3.21% | 3.93% | 59.8% | 2.10% | 0.79% | 1.86% | 21.7% | 0.21% | 0.67% | 1.05% |
|  | Tissø | NM KN 728 | 0.99% | 3.21% | 2.20% | 62.8% | 2.18% | 0.32% | 6.10% | 20.0% | 0.14% | 0.81% | 0.72% |
|  | Bornholm | BMR 1191X40 | 2.54% | 2.89% | 2.68% | 60.3% | 2.22% | 0.46% | 4.40% | 22.5% | 0.19% | 0.75% | 0.67% |

Table supp. 2b: Composition determined by LA-ICP-MS and CaO/K2O ratios of the studied glass. Minor and trace oxides expressed in parts per million.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | CuO | ZnO | Rb2O | SrO | ZrO2 | SnO2 | Sb2O3 | BaO | La2O3 | CeO2 | PbO | ThO2 | UO2 | CaO/K2O |
| Haithabu | Hai 1937 1 10 | 68.3 | 186 | 213 | 325 | 278 | 2.6 | 0.5 | 1757 | 52.0 | 49.5 | 26.1 | 5.3 | 1.4 | 1.31 |
| Haithabu | Hai 1937 1 30 A | 97.4 | 142 | 234 | 546 | 399 | 5.0 | 0.8 | 3069 | 43.3 | 69.7 | 26.1 | 7.3 | 1.9 | 1.37 |
| Haithabu | Hai 1937 1 30 B | 42.6 | 231 | 235 | 324 | 242 | 2.2 | 0.6 | 1540 | 74.0 | 80.5 | 22.9 | 4.7 | 1.2 | 1.01 |
| Haithabu | Hai 1937 1 30 C | 193 | 191 | 270 | 438 | 388 | 11.3 | 0.6 | 2195 | 46.0 | 73.4 | 16.8 | 7.0 | 1.8 | 1.22 |
| Haithabu | Hai 1937 1 47 | 84.2 | 172 | 242 | 487 | 298 | 4.9 | 0.4 | 2472 | 49.1 | 68.9 | 17.6 | 5.6 | 1.4 | 1.42 |
| Haithabu | Hai 1937 1 48 | 164 | 212 | 232 | 413 | 253 | 12.5 | 0.5 | 1776 | 50.2 | 73.3 | 30.5 | 4.5 | 1.3 | 0.94 |
| Haithabu | Hai 1937 1 60 | 118 | 188 | 260 | 446 | 310 | 7.3 | 1.3 | 2227 | 37.9 | 66.3 | 51.2 | 5.8 | 1.5 | 1.10 |
| Haithabu | Hai 1937 2 10 | 115 | 210 | 380 | 342 | 289 | 7.8 | 0.8 | 1294 | 39.6 | 59.4 | 25.7 | 5.0 | 1.4 | 0.72 |
| Haithabu | Hai 1937 2 50 A | 71.5 | 94.2 | 214 | 461 | 474 | 3.5 | 0.4 | 2683 | 41.5 | 69.1 | 18.1 | 8.6 | 2.2 | 1.51 |
| Haithabu | Hai 1937 2 50 B | 186 | 165 | 265 | 432 | 380 | 10.5 | 0.5 | 2175 | 44.9 | 72.0 | - | 6.8 | 1.8 | 1.21 |
| Haithabu | Hai 1937 2 70 A | 105 | 192 | 231 | 472 | 302 | 4.9 | 0.4 | 2431 | 49.6 | 73.2 | - | 5.5 | 1.4 | 1.23 |
| Haithabu | Hai 1937 2 70 B | 83.0 | 174 | 242 | 500 | 304 | 5.1 | 0.5 | 2574 | 49.9 | 69.9 | 9.1 | 5.8 | 1.4 | 1.44 |
| Haithabu | Hai 1939 10 70 A | 53.1 | 210 | 178 | 435 | 214 | 1.6 | 1.2 | 1672 | 57.9 | 84.1 | 29.7 | 4.4 | 1.1 | 1.33 |
| Haithabu | Hai 1939 10 70 B | 108 | 220 | 218 | 471 | 252 | 5.4 | 0.8 | 1690 | 48.8 | 72.8 | 12.9 | 4.7 | 1.2 | 1.62 |
| Haithabu | Hai 1939 10 70 C | 133 | 253 | 226 | 400 | 259 | 18.6 | 4.2 | 1397 | 55.2 | 77.3 | 86.6 | 4.7 | 1.3 | 1.11 |
| Haithabu | Hai 1939 10 70 D | 101 | 182 | 210 | 481 | 297 | 3.9 | 0.6 | 1982 | 48.1 | 71.6 | 10.9 | 5.4 | 1.4 | 1.68 |
| Haithabu | Hai 1939 10 70 E | 110 | 223 | 220 | 474 | 257 | 5.4 | 0.8 | 1707 | 49.3 | 73.6 | 16.4 | 4.7 | 1.2 | 1.64 |
| Haithabu | Hai 1939 10 70 F | 45.9 | 261 | 235 | 405 | 256 | 1.5 | 0.5 | 1382 | 50.4 | 72.2 | 12.7 | 4.5 | 1.2 | 1.18 |
| Haithabu | Hai 1939 10 70 G | 76.3 | 231 | 199 | 506 | 288 | 2.4 | 0.8 | 2160 | 50.5 | 73.9 | 77.1 | 5.3 | 1.4 | 1.69 |
| Haithabu | Hai 1939 10 70 H | 73.8 | 233 | 216 | 385 | 278 | 3.2 | 0.7 | 1593 | 53.1 | 70.9 | 21.4 | 5.4 | 1.4 | 1.47 |
| Haithabu | Hai 1939 10 70 I | 56.6 | 212 | 181 | 451 | 244 | 2.0 | 0.5 | 2194 | 62.1 | 83.5 | 16.6 | 4.7 | 1.2 | 1.43 |
| Haithabu | Hai 1939 10 70 J | 96.4 | 191 | 212 | 427 | 295 | 3.3 | 0.6 | 1827 | 47.3 | 71.8 | - | 5.8 | 1.5 | 1.69 |
| Haithabu | Hai 1939 10 70 K | 67.2 | 199 | 254 | 430 | 261 | 5.3 | 1.2 | 1764 | 51.9 | 78.0 | 18.8 | 5.1 | 1.4 | 1.49 |
| Haithabu | Hai 1939 10 70 L | 109 | 228 | 221 | 480 | 255 | 5.3 | 0.8 | 1726 | 49.7 | 74.3 | 15.8 | 4.7 | 1.3 | 1.64 |
| Haithabu | Hai 1964 13 90 | 139 | 193 | 251 | 411 | 306 | 7.6 | 0.7 | 1719 | 47.9 | 73.0 | 28.6 | 5.7 | 1.5 | 1.02 |
| Haithabu | Hai 1966 10 70 | 60.8 | 232 | 309 | 292 | 315 | 2.7 | 0.4 | 1283 | 48.2 | 71.2 | 20.8 | 5.5 | 1.5 | 0.71 |
| Haithabu | Hai 1969 22 15 | 113 | 122 | 248 | 429 | 365 | 32.3 | 0.7 | 2294 | 37.6 | 62.2 | 1.4 | 7.0 | 1.7 | 1.38 |
| Haithabu | Hai 1969 27 35 | 384 | 200 | 169 | 290 | 241 | 28.9 | 2.8 | 955 | 51.0 | 53.4 | 19.9 | 3.8 | 1.1 | 1.06 |
| Haithabu | Hai 19YY 10 50 A | 64.9 | 189 | 309 | 373 | 299 | 2.6 | 0.6 | 2090 | 39.2 | 56.1 | 20.8 | 5.4 | 1.5 | 0.99 |
| Haithabu | Hai 19YY 10 50 B | 46.4 | 203 | 262 | 430 | 251 | 1.7 | 0.4 | 1965 | 46.3 | 59.7 | 21.9 | 4.5 | 1.3 | 1.40 |
| Birka | SHM BJ 124 B | 82.1 | 220 | 334 | 302 | 331 | 5.5 | 1.5 | 1482 | 46.8 | 73.7 | 25.6 | 6.1 | 1.6 | 0.76 |
| Birka | SHM BJ 557 | 56.5 | 168 | 207 | 405 | 378 | 2.2 | 0.6 | 2125 | 46.5 | 72.2 | 10.9 | 6.9 | 1.9 | 1.27 |
| Birka | SHM BJ 348 | 113 | 633 | 124 | 735 | 144 | 41.7 | 7.3 | 947 | 14.5 | 23.6 | 76.5 | 3.7 | 1.2 | 3.59 |
| Tissø | NM KU 367 | 53.2 | 234 | 51.6 | 737 | 380 | 14.8 | 0.7 | 1458 | 14.7 | 28.2 | 137 | 4.1 | 1.1 | 8.91 |
| Tissø | NM FB 890 | 101 | 155 | 129 | 726 | 242 | 24.8 | 0.8 | 2154 | 13.6 | 25.3 | 118 | 3.4 | 0.9 | 4.05 |
| Uppåkra | HML 8967 | 73.8 | 199 | 246 | 1511 | 615 | 2.3 | 0.1 | 4593 | 15.4 | 30.6 | 20.4 | 5.0 | 1.5 | 3.25 |
| Sorte Muld | BMR R 81 | 65.1 | 218 | 43.1 | 619 | 167 | 27.6 | 1.0 | 1517 | 11.9 | 22.1 | 80.4 | 2.8 | 1.0 | 10.1 |
| Tissø | NM FB 181 | 39.4 | 63.9 | 115 | 658 | 122 | 1.5 | 0.1 | 1783 | 8.5 | 16.3 | 21.1 | 2.0 | 0.6 | 3.59 |
| Sorte Muld | BMR O 71 | 69.2 | 170 | 75.2 | 737 | 230 | 54.3 | 0.6 | 1528 | 14.4 | 27.5 | 207 | 3.7 | 1.1 | 5.89 |
| Uppåkra | HML 13560 | 59.2 | 316 | 54.5 | 782 | 179 | 7.9 | 0.4 | 2542 | 11.2 | 21.2 | 250 | 2.9 | 0.8 | 8.25 |
| Uppåkra | HML 8933 | 68.5 | 173 | 52.3 | 840 | 157 | 32.1 | 1.0 | 2312 | 10.8 | 19.1 | 435 | 2.6 | 0.8 | 6.60 |
| Strøby Toftegård | KOM X 1243 | 72.9 | 158 | 60.8 | 753 | 143 | 17.6 | 0.7 | 2479 | 10.5 | 19.7 | 266 | 2.7 | 0.9 | 5.58 |
| Strøby Toftegård | KOM X 1245 | 64.4 | 169 | 61.2 | 750 | 158 | 21.4 | 0.7 | 2441 | 10.9 | 20.4 | 263 | 2.8 | 1.3 | 5.64 |
| Tissø | NM KN 707 | 71.3 | 1678 | 54.0 | 1526 | 160 | 40.6 | 1.3 | 3313 | 15.6 | 29.6 | 48.3 | 3.1 | 1.5 | 5.34 |
| Strøby Toftegård | KOM X 139 | 79.4 | 1296 | 47.6 | 1847 | 173 | 48.8 | 1.2 | 2714 | 14.4 | 27.6 | 49.5 | 2.9 | 2.1 | 5.14 |
| Tissø | NM KN 1545 | 11.5 | 156 | 21.1 | 1063 | 110 | 1.7 | 0.3 | 793 | 7.6 | 15.9 | 13.5 | 2.1 | 0.8 | 20.7 |
| Tissø | NM 1162 | 41.4 | 163 | 27.3 | 831 | 296 | 16.7 | 1.4 | 1609 | 12.0 | 22.9 | 86.3 | 3.3 | 0.9 | 15.8 |
| Strøby Toftegård | KOM X 154 | 17.8 | 178 | 24.8 | 845 | 141 | 12.7 | 0.2 | 629 | 7.8 | 15.9 | 25.0 | 2.3 | 0.8 | 17.0 |
| Haithabu | Hai 1937 0 21 | 29.1 | 280 | 26.5 | 831 | 141 | 41.8 | 3.8 | 1233 | 9.4 | 18.4 | 255 | 2.4 | 0.9 | 18.3 |
| Sorte Muld | BMR S 812 | 17.0 | 174 | 23.5 | 687 | 252 | 3.1 | 0.4 | 864 | 9.6 | 18.7 | 13.4 | 2.8 | 0.9 | 20.2 |
| Birka | SHM BJ 124 A | 5.5 | 18.9 | 4.4 | 194 | 234 | 0.5 | 0.01 | 169 | 7.7 | 15.1 | 3.6 | 1.7 | 1.4 | 25.3 |
| Birka | SHM 82909 | 5.6 | 22.4 | 4.5 | 197 | 247 | 0.9 | 0.2 | 169 | 8.0 | 15.7 | 5.1 | 1.8 | 1.4 | 38.3 |
| Birka | SHM 70996 | 2.8 | 28.9 | 3.7 | 193 | 217 | 0.6 | 0.2 | 159 | 7.6 | 14.8 | 2.2 | 1.6 | 1.5 | 42.2 |
| Birka | SHM 70907 | 4.6 | 21.0 | 4.6 | 198 | 255 | 0.6 | 0.01 | 170 | 7.9 | 15.3 | 5.9 | 1.8 | 1.2 | 32.6 |
| Tissø | NM A 54 22 | 1194 | 259 | 19.2 | 510 | 102 | 330 | 1777 | 344 | 8.8 | 15.4 | 1553 | 1.5 | 1.1 | 6.31 |
| Tissø | NM 753 | 1575 | 123 | 16.5 | 516 | 98.7 | 817 | 2490 | 327 | 9.4 | 16.6 | 5881 | 1.7 | 1.3 | 8.33 |
| Tissø | NM FG A 203 32 | 1814 | 164 | 22.3 | 531 | 104 | 466 | 2108 | 390 | 9.8 | 17.2 | 2443 | 1.6 | 1.2 | 6.02 |
| Tissø | NM FG A 203 69 | 1739 | 233 | 20.9 | 532 | 102 | 499 | 2186 | 378 | 9.6 | 16.7 | 2724 | 1.6 | 1.2 | 6.27 |
| Tissø | NM A 108 1 | 1265 | 63.4 | 10.5 | 541 | 104 | 344 | 2305 | 333 | 8.6 | 14.9 | 3156 | 1.4 | 1.2 | 6.26 |
| Birka | SHM 71125 | 22.1 | 18.8 | 5.6 | 586 | 75.0 | 2.0 | 6.3 | 260 | 8.0 | 12.6 | 20.4 | 1.0 | 1.4 | 21.3 |
| Birka | SHM 70998 | 8.5 | 20.5 | 7.6 | 607 | 46.0 | 0.7 | 0.2 | 594 | 7.0 | 12.5 | 13.5 | 0.9 | 0.8 | 14.7 |
| Smoothers |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Tissø | NM KN 1394 | 35.1 | 244 | 46.3 | 746 | 238 | 16.3 | 0.65 | 1948 | 14.0 | 26.9 | 94.6 | 3.67 | 1.01 | 11.6 |
| Tissø | NM KN 728 | 528 | 288 | 171 | 788 | 158 | 37.7 | 10.0 | 1724 | 8.03 | 15.4 | 615 | 2.13 | 0.70 | 3.29 |
| Bornholm | BMR 1191X40 | 129 | 156 | 92.4 | 745 | 175 | 45.4 | 1.51 | 1777 | 7.14 | 13.0 | 126 | 1.96 | 1.98 | 5.12 |