

| ID | Function name | Parameter | | | Calibration | | | | | Validation | | | | |
|----|------------------|-----------|---------|-------|--------------------|---------|-------|----------|------|--------------------|---------|-------|----------|------|
| | | a | b | c | R^2_{adj} | RMA (%) | RMSE | AIC | Rank | R^2_{adj} | RMA (%) | RMSE | AIC | Rank |
| 1 | Näslund | 2.285 | 0.153 | – | 0.837 | 15.420 | 2.574 | 4772.435 | 4 | 0.840 | 14.594 | 2.524 | 1182.674 | 3 |
| 2 | Curtis | 27.713 | 11.446 | – | 0.781 | 17.405 | 2.979 | 5067.079 | 15 | 0.788 | 17.284 | 2.902 | 1253.146 | 15 |
| 3 | Schumacher | 26.518 | 12.120 | – | 0.799 | 16.982 | 2.852 | 4979.644 | 12 | 0.803 | 16.289 | 2.799 | 1234.901 | 13 |
| 4 | Meyer | 34.060 | 0.028 | – | 0.827 | 16.888 | 2.653 | 4833.015 | 7 | 0.831 | 16.234 | 2.593 | 1196.368 | 7 |
| 5 | Power | 0.705 | 0.981 | – | 0.810 | 15.982 | 2.774 | 4923.592 | 11 | 0.821 | 14.922 | 2.664 | 1210.039 | 10 |
| 6 | Michaelis-Menten | 449.17 | 670.665 | – | 0.813 | 16.252 | 2.758 | 4911.616 | 10 | 0.815 | 15.457 | 2.709 | 1218.337 | 11 |
| 7 | Wykoff | 3.278 | –12.120 | – | 0.758 | 18.763 | 3.132 | 5168.504 | 16 | 0.758 | 18.132 | 3.104 | 1287.063 | 16 |
| 8 | Prodan | 4.192 | 0.883 | 0.018 | 0.833 | 15.638 | 2.602 | 4795.499 | 5 | 0.834 | 14.864 | 2.569 | 1192.659 | 6 |
| 9 | Logistic | 34.060 | 9.314 | 0.085 | 0.794 | 18.321 | 2.889 | 5005.994 | 14 | 0.797 | 17.442 | 2.839 | 1242.985 | 14 |
| 10 | Chapman–Richards | 31.462 | 0.040 | 1.362 | 0.838 | 15.108 | 2.564 | 4765.642 | 1 | 0.841 | 14.322 | 2.515 | 1181.844 | 2 |
| 11 | Weibull | 34.060 | 0.014 | 1.205 | 0.837 | 15.106 | 2.572 | 4771.516 | 2 | 0.841 | 14.236 | 2.511 | 1181.189 | 1 |
| 12 | Gomperz | 34.060 | 2.640 | 0.052 | 0.827 | 16.671 | 2.652 | 4833.966 | 8 | 0.830 | 15.764 | 2.601 | 1198.812 | 8 |
| 13 | Sibbesen | 0.500 | 1.224 | 0.037 | 0.816 | 15.835 | 2.733 | 4894.107 | 9 | 0.825 | 14.736 | 2.641 | 1206.587 | 9 |
| 14 | Korf | 34.060 | 11.344 | 0.878 | 0.828 | 16.085 | 2.645 | 4828.565 | 6 | 0.834 | 15.206 | 2.568 | 1192.368 | 5 |
| 15 | Ratkowsky | 39.927 | 25.996 | 5.000 | 0.837 | 15.172 | 2.573 | 4772.310 | 3 | 0.839 | 14.438 | 2.528 | 1184.496 | 4 |
| 16 | Hossfeld IV | 34.060 | 0.014 | 1.377 | 0.795 | 16.705 | 2.882 | 5001.379 | 13 | 0.807 | 16.06 | 2.771 | 1230.716 | 12 |