# PROGRAMA EMBRAPA DE MELHORAMENTO DE GADO DE CORTE – GENEPLUS

## RESULTADOS DA AVALIAÇÃO GENÉTICA GENÔMICA - TABAPUã - Julho/2026

### - IQG e DEPs mínimas por TOP (%) -

| % | IQGg | PN | P120 | TM120 | PD | TMD | PS | GPD | PES | IPP | HP/STAY |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0,1 | 35,3550 | -1,0051 | 3,0194 | 4,3274 | 8,3741 | 6,4091 | 14,8001 | 8,3735 | 0,7620 | -24,2487 | 45,1539 |
| 0,5 | 30,3380 | -0,8376 | 2,5154 | 3,6051 | 6,9781 | 5,3391 | 12,3285 | 6,9737 | 0,6347 | -20,2010 | 43,7548 |
| 1 | 27,9210 | -0,7563 | 2,2710 | 3,2548 | 6,3010 | 4,8201 | 11,1297 | 6,2947 | 0,5730 | -18,2377 | 43,0762 |
| 2 | 25,2770 | -0,6675 | 2,0039 | 2,8721 | 5,5612 | 4,2531 | 9,8199 | 5,5529 | 0,5055 | -16,0927 | 42,3347 |
| 3 | 23,6010 | -0,6112 | 1,8345 | 2,6293 | 5,0920 | 3,8935 | 8,9891 | 5,0824 | 0,4627 | -14,7322 | 41,8645 |
| 4 | 22,3400 | -0,5688 | 1,7070 | 2,4466 | 4,7389 | 3,6229 | 8,3640 | 4,7284 | 0,4305 | -13,7085 | 41,5106 |
| 5 | 21,3150 | -0,5344 | 1,6034 | 2,2981 | 4,4518 | 3,4028 | 7,8557 | 4,4405 | 0,4043 | -12,8760 | 41,2228 |
| 6 | 20,4420 | -0,5050 | 1,5151 | 2,1716 | 4,2073 | 3,2154 | 7,4227 | 4,1953 | 0,3820 | -12,1670 | 40,9778 |
| 7 | 19,6760 | -0,4793 | 1,4377 | 2,0607 | 3,9929 | 3,0511 | 7,0432 | 3,9803 | 0,3625 | -11,5454 | 40,7629 |
| 8 | 18,9910 | -0,4563 | 1,3684 | 1,9614 | 3,8010 | 2,9040 | 6,7035 | 3,7880 | 0,3450 | -10,9891 | 40,5706 |
| 9 | 18,3680 | -0,4353 | 1,3054 | 1,8711 | 3,6265 | 2,7703 | 6,3945 | 3,6130 | 0,3291 | -10,4831 | 40,3957 |
| 10 | 17,7940 | -0,4160 | 1,2474 | 1,7880 | 3,4658 | 2,6471 | 6,1101 | 3,4519 | 0,3144 | -10,0173 | 40,2347 |
| 11 | 17,2600 | -0,3981 | 1,1935 | 1,7106 | 3,3163 | 2,5325 | 5,8453 | 3,3020 | 0,3008 | -9,5837 | 40,0849 |
| 12 | 16,7610 | -0,3813 | 1,1430 | 1,6383 | 3,1766 | 2,4254 | 5,5979 | 3,1618 | 0,2880 | -9,1785 | 39,9448 |
| 13 | 16,2900 | -0,3655 | 1,0954 | 1,5701 | 3,0447 | 2,3243 | 5,3644 | 3,0296 | 0,2760 | -8,7961 | 39,8126 |
| 14 | 15,8430 | -0,3505 | 1,0502 | 1,5054 | 2,9196 | 2,2284 | 5,1429 | 2,9041 | 0,2646 | -8,4333 | 39,6872 |
| 15 | 15,4180 | -0,3362 | 1,0072 | 1,4437 | 2,8004 | 2,1371 | 4,9319 | 2,7847 | 0,2537 | -8,0879 | 39,5678 |
| 16 | 15,0120 | -0,3225 | 0,9662 | 1,3849 | 2,6867 | 2,0499 | 4,7306 | 2,6706 | 0,2433 | -7,7582 | 39,4538 |
| 17 | 14,6210 | -0,3094 | 0,9267 | 1,3283 | 2,5773 | 1,9661 | 4,5370 | 2,5610 | 0,2334 | -7,4411 | 39,3442 |
| 18 | 14,2450 | -0,2968 | 0,8887 | 1,2738 | 2,4720 | 1,8854 | 4,3505 | 2,4554 | 0,2238 | -7,1358 | 39,2387 |
| 19 | 13,8820 | -0,2846 | 0,8519 | 1,2212 | 2,3703 | 1,8074 | 4,1704 | 2,3533 | 0,2145 | -6,8407 | 39,1367 |
| 20 | 13,5300 | -0,2727 | 0,8163 | 1,1702 | 2,2718 | 1,7319 | 3,9959 | 2,2546 | 0,2055 | -6,5550 | 39,0380 |
| 21 | 13,1890 | -0,2613 | 0,7819 | 1,1208 | 2,1762 | 1,6587 | 3,8268 | 2,1588 | 0,1968 | -6,2781 | 38,9422 |
| 22 | 12,8570 | -0,2501 | 0,7484 | 1,0728 | 2,0834 | 1,5876 | 3,6625 | 2,0657 | 0,1883 | -6,0090 | 38,8492 |
| 23 | 12,5340 | -0,2392 | 0,7156 | 1,0259 | 1,9928 | 1,5181 | 3,5020 | 1,9748 | 0,1801 | -5,7461 | 38,7584 |
| 24 | 12,2190 | -0,2287 | 0,6838 | 0,9802 | 1,9046 | 1,4505 | 3,3458 | 1,8864 | 0,1720 | -5,4904 | 38,6700 |
| 25 | 11,9100 | -0,2183 | 0,6526 | 0,9356 | 1,8183 | 1,3843 | 3,1931 | 1,7998 | 0,1641 | -5,2402 | 38,5835 |
| 26 | 11,6080 | -0,2081 | 0,6221 | 0,8918 | 1,7336 | 1,3194 | 3,0431 | 1,7149 | 0,1564 | -4,9947 | 38,4986 |
| 27 | 11,3120 | -0,1982 | 0,5922 | 0,8490 | 1,6508 | 1,2560 | 2,8966 | 1,6319 | 0,1489 | -4,7547 | 38,4157 |
| 28 | 11,0220 | -0,1884 | 0,5628 | 0,8068 | 1,5694 | 1,1936 | 2,7525 | 1,5503 | 0,1414 | -4,5186 | 38,3341 |

| % | IQGg | PN | P120 | TM120 | PD | TMD | PS | GPD | PES | IPP | HP/STAY |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 29 | 10,7370 | -0,1789 | 0,5340 | 0,7656 | 1,4896 | 1,1324 | 2,6112 | 1,4703 | 0,1342 | -4,2873 | 38,2541 |
| 30 | 10,4560 | -0,1694 | 0,5056 | 0,7248 | 1,4109 | 1,0721 | 2,4718 | 1,3914 | 0,1270 | -4,0591 | 38,1752 |
| 31 | 10,1800 | -0,1601 | 0,4777 | 0,6848 | 1,3336 | 1,0128 | 2,3349 | 1,3138 | 0,1199 | -3,8348 | 38,0977 |
| 32 | 9,9060 | -0,1509 | 0,4500 | 0,6452 | 1,2571 | 0,9542 | 2,1994 | 1,2371 | 0,1130 | -3,6129 | 38,0210 |
| 33 | 9,6370 | -0,1419 | 0,4228 | 0,6062 | 1,1816 | 0,8964 | 2,0658 | 1,1615 | 0,1061 | -3,3942 | 37,9454 |
| 34 | 9,3710 | -0,1330 | 0,3959 | 0,5677 | 1,1073 | 0,8394 | 1,9342 | 1,0869 | 0,0993 | -3,1786 | 37,8709 |
| 35 | 9,1080 | -0,1241 | 0,3693 | 0,5295 | 1,0334 | 0,7828 | 1,8035 | 1,0129 | 0,0926 | -2,9645 | 37,7969 |
| 36 | 8,8480 | -0,1154 | 0,3430 | 0,4919 | 0,9607 | 0,7270 | 1,6747 | 0,9399 | 0,0859 | -2,7537 | 37,7240 |
| 37 | 8,5900 | -0,1067 | 0,3170 | 0,4546 | 0,8885 | 0,6717 | 1,5469 | 0,8676 | 0,0793 | -2,5444 | 37,6517 |
| 38 | 8,3340 | -0,0981 | 0,2911 | 0,4175 | 0,8169 | 0,6168 | 1,4201 | 0,7957 | 0,0728 | -2,3366 | 37,5799 |
| 39 | 8,0810 | -0,0896 | 0,2654 | 0,3807 | 0,7458 | 0,5623 | 1,2942 | 0,7244 | 0,0663 | -2,1305 | 37,5086 |
| 40 | 7,8280 | -0,0811 | 0,2400 | 0,3442 | 0,6752 | 0,5082 | 1,1693 | 0,6537 | 0,0599 | -1,9259 | 37,4379 |
| 41 | 7,5780 | -0,0727 | 0,2147 | 0,3080 | 0,6052 | 0,4546 | 1,0453 | 0,5835 | 0,0535 | -1,7229 | 37,3677 |
| 42 | 7,3300 | -0,0644 | 0,1896 | 0,2720 | 0,5357 | 0,4013 | 0,9223 | 0,5138 | 0,0472 | -1,5214 | 37,2981 |
| 43 | 7,0830 | -0,0561 | 0,1646 | 0,2362 | 0,4665 | 0,3483 | 0,7998 | 0,4444 | 0,0409 | -1,3208 | 37,2287 |
| 44 | 6,8370 | -0,0478 | 0,1397 | 0,2006 | 0,3976 | 0,2954 | 0,6777 | 0,3753 | 0,0346 | -1,1209 | 37,1596 |
| 45 | 6,5920 | -0,0396 | 0,1150 | 0,1651 | 0,3289 | 0,2428 | 0,5562 | 0,3064 | 0,0283 | -0,9218 | 37,0908 |
| 46 | 6,3470 | -0,0313 | 0,0902 | 0,1295 | 0,2603 | 0,1902 | 0,4346 | 0,2376 | 0,0220 | -0,7227 | 37,0220 |
| 47 | 6,1040 | -0,0231 | 0,0656 | 0,0943 | 0,1922 | 0,1380 | 0,3140 | 0,1693 | 0,0158 | -0,5252 | 36,9538 |
| 48 | 5,8600 | -0,0150 | 0,0410 | 0,0590 | 0,1240 | 0,0858 | 0,1934 | 0,1010 | 0,0096 | -0,3277 | 36,8855 |
| 49 | 5,6170 | -0,0068 | 0,0164 | 0,0238 | 0,0559 | 0,0336 | 0,0728 | 0,0327 | 0,0034 | -0,1302 | 36,8172 |
| 50 | 5,3740 | 0,0014 | -0,0082 | -0,0114 | -0,0122 | -0,0187 | -0,0478 | -0,0356 | -0,0028 | 0,0673 | 36,7489 |
| 51 | 5,1310 | 0,0096 | -0,0328 | -0,0467 | -0,0803 | -0,0709 | -0,1684 | -0,1039 | -0,0090 | 0,2648 | 36,6807 |
| 52 | 4,8870 | 0,0177 | -0,0574 | -0,0819 | -0,1484 | -0,1231 | -0,2890 | -0,1722 | -0,0152 | 0,4623 | 36,6124 |
| 53 | 4,6440 | 0,0259 | -0,0820 | -0,1172 | -0,2166 | -0,1753 | -0,4096 | -0,2405 | -0,0214 | 0,6598 | 36,5441 |
| 54 | 4,4010 | 0,0341 | -0,1066 | -0,1524 | -0,2847 | -0,2275 | -0,5302 | -0,3088 | -0,0277 | 0,8573 | 36,4759 |
| 55 | 4,1560 | 0,0423 | -0,1314 | -0,1879 | -0,3533 | -0,2801 | -0,6518 | -0,3777 | -0,0339 | 1,0564 | 36,4071 |
| 56 | 3,9100 | 0,0506 | -0,1562 | -0,2235 | -0,4220 | -0,3327 | -0,7733 | -0,4465 | -0,0402 | 1,2555 | 36,3382 |
| 57 | 3,6640 | 0,0589 | -0,1810 | -0,2591 | -0,4909 | -0,3856 | -0,8954 | -0,5156 | -0,0465 | 1,4553 | 36,2692 |
| 58 | 3,4170 | 0,0672 | -0,2060 | -0,2949 | -0,5601 | -0,4386 | -1,0179 | -0,5850 | -0,0528 | 1,6560 | 36,1998 |
| 59 | 3,1690 | 0,0755 | -0,2311 | -0,3309 | -0,6296 | -0,4919 | -1,1409 | -0,6547 | -0,0591 | 1,8574 | 36,1302 |
| 60 | 2,9190 | 0,0839 | -0,2564 | -0,3671 | -0,6996 | -0,5455 | -1,2649 | -0,7249 | -0,0655 | 2,0604 | 36,0600 |
| 61 | 2,6670 | 0,0924 | -0,2819 | -0,4036 | -0,7702 | -0,5996 | -1,3898 | -0,7956 | -0,0719 | 2,2650 | 35,9893 |

| % | IQGg | PN | P120 | TM120 | PD | TMD | PS | GPD | PES | IPP | HP/STAY |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 62 | 2,4130 | 0,1009 | -0,3075 | -0,4404 | -0,8413 | -0,6541 | -1,5157 | -0,8669 | -0,0784 | 2,4712 | 35,9180 |
| 63 | 2,1570 | 0,1095 | -0,3334 | -0,4774 | -0,9129 | -0,7090 | -1,6425 | -0,9388 | -0,0850 | 2,6789 | 35,8462 |
| 64 | 1,9000 | 0,1182 | -0,3594 | -0,5148 | -0,9851 | -0,7643 | -1,7703 | -1,0112 | -0,0915 | 2,8882 | 35,7739 |
| 65 | 1,6400 | 0,1269 | -0,3857 | -0,5524 | -1,0578 | -0,8201 | -1,8991 | -1,0841 | -0,0982 | 3,0991 | 35,7010 |
| 66 | 1,3760 | 0,1358 | -0,4124 | -0,5906 | -1,1317 | -0,8767 | -2,0298 | -1,1581 | -0,1049 | 3,3131 | 35,6270 |
| 67 | 1,1110 | 0,1447 | -0,4392 | -0,6291 | -1,2060 | -0,9337 | -2,1615 | -1,2327 | -0,1117 | 3,5287 | 35,5525 |
| 68 | 0,8410 | 0,1537 | -0,4664 | -0,6681 | -1,2815 | -0,9915 | -2,2950 | -1,3083 | -0,1186 | 3,7475 | 35,4769 |
| 69 | 0,5680 | 0,1629 | -0,4941 | -0,7077 | -1,3580 | -1,0501 | -2,4305 | -1,3851 | -0,1255 | 3,9694 | 35,4002 |
| 70 | 0,2920 | 0,1722 | -0,5220 | -0,7477 | -1,4353 | -1,1094 | -2,5675 | -1,4626 | -0,1326 | 4,1937 | 35,3226 |
| 71 | 0,0110 | 0,1816 | -0,5504 | -0,7884 | -1,5140 | -1,1697 | -2,7068 | -1,5415 | -0,1398 | 4,4218 | 35,2438 |
| 72 | -0,2740 | 0,1912 | -0,5792 | -0,8297 | -1,5938 | -1,2309 | -2,8481 | -1,6215 | -0,1471 | 4,6532 | 35,1638 |
| 73 | -0,5650 | 0,2010 | -0,6086 | -0,8718 | -1,6752 | -1,2933 | -2,9922 | -1,7032 | -0,1545 | 4,8892 | 35,0822 |
| 74 | -0,8610 | 0,2109 | -0,6385 | -0,9147 | -1,7580 | -1,3567 | -3,1388 | -1,7862 | -0,1620 | 5,1292 | 34,9993 |
| 75 | -1,1630 | 0,2211 | -0,6690 | -0,9585 | -1,8427 | -1,4216 | -3,2887 | -1,8711 | -0,1698 | 5,3747 | 34,9144 |
| 76 | -1,4710 | 0,2314 | -0,7002 | -1,0031 | -1,9290 | -1,4878 | -3,4415 | -1,9576 | -0,1776 | 5,6250 | 34,8279 |
| 77 | -1,7860 | 0,2420 | -0,7320 | -1,0488 | -2,0172 | -1,5554 | -3,5976 | -2,0460 | -0,1857 | 5,8807 | 34,7395 |
| 78 | -2,1100 | 0,2529 | -0,7648 | -1,0956 | -2,1078 | -1,6248 | -3,7581 | -2,1369 | -0,1939 | 6,1435 | 34,6487 |
| 79 | -2,4410 | 0,2641 | -0,7983 | -1,1437 | -2,2006 | -1,6960 | -3,9224 | -2,2300 | -0,2024 | 6,4126 | 34,5556 |
| 80 | -2,7820 | 0,2755 | -0,8328 | -1,1931 | -2,2962 | -1,7692 | -4,0916 | -2,3258 | -0,2111 | 6,6896 | 34,4599 |
| 81 | -3,1340 | 0,2873 | -0,8683 | -1,2441 | -2,3947 | -1,8447 | -4,2660 | -2,4246 | -0,2201 | 6,9752 | 34,3612 |
| 82 | -3,4980 | 0,2996 | -0,9051 | -1,2967 | -2,4964 | -1,9227 | -4,4462 | -2,5266 | -0,2294 | 7,2703 | 34,2592 |
| 83 | -3,8740 | 0,3122 | -0,9431 | -1,3512 | -2,6017 | -2,0034 | -4,6326 | -2,6322 | -0,2390 | 7,5756 | 34,1537 |
| 84 | -4,2640 | 0,3253 | -0,9826 | -1,4078 | -2,7111 | -2,0872 | -4,8262 | -2,7419 | -0,2490 | 7,8927 | 34,0440 |
| 85 | -4,6700 | 0,3390 | -1,0236 | -1,4666 | -2,8248 | -2,1744 | -5,0275 | -2,8559 | -0,2593 | 8,2224 | 33,9301 |
| 86 | -5,0960 | 0,3533 | -1,0666 | -1,5282 | -2,9440 | -2,2657 | -5,2385 | -2,9753 | -0,2702 | 8,5679 | 33,8107 |
| 87 | -5,5420 | 0,3683 | -1,1118 | -1,5930 | -3,0691 | -2,3616 | -5,4600 | -3,1008 | -0,2816 | 8,9306 | 33,6853 |
| 88 | -6,0130 | 0,3841 | -1,1594 | -1,6612 | -3,2010 | -2,4627 | -5,6935 | -3,2330 | -0,2936 | 9,3130 | 33,5531 |
| 89 | -6,5120 | 0,4009 | -1,2099 | -1,7335 | -3,3407 | -2,5698 | -5,9409 | -3,3732 | -0,3064 | 9,7183 | 33,4130 |
| 90 | -7,0470 | 0,4188 | -1,2638 | -1,8109 | -3,4902 | -2,6844 | -6,2057 | -3,5231 | -0,3200 | 10,1519 | 33,2632 |
| 91 | -7,6200 | 0,4381 | -1,3218 | -1,8940 | -3,6509 | -2,8076 | -6,4901 | -3,6842 | -0,3347 | 10,6177 | 33,1022 |
| 92 | -8,2430 | 0,4591 | -1,3848 | -1,9843 | -3,8254 | -2,9413 | -6,7991 | -3,8592 | -0,3506 | 11,1236 | 32,9273 |
| 93 | -8,9290 | 0,4821 | -1,4541 | -2,0835 | -4,0173 | -3,0884 | -7,1388 | -4,0516 | -0,3681 | 11,6800 | 32,7350 |
| 94 | -9,6940 | 0,5078 | -1,5315 | -2,1945 | -4,2317 | -3,2527 | -7,5184 | -4,2665 | -0,3876 | 12,3016 | 32,5201 |

| % | IQGg | PN | P120 | TM120 | PD | TMD | PS | GPD | PES | IPP | HP/STAY |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 95 | -10,5670 | 0,5372 | -1,6198 | -2,3210 | -4,4762 | -3,4401 | -7,9513 | -4,5117 | -0,4099 | 13,0106 | 32,2750 |
| 96 | -11,5930 | 0,5716 | -1,7234 | -2,4695 | -4,7633 | -3,6602 | -8,4596 | -4,7996 | -0,4361 | 13,8431 | 31,9873 |
| 97 | -12,8530 | 0,6140 | -1,8509 | -2,6522 | -5,1164 | -3,9308 | -9,0847 | -5,1537 | -0,4683 | 14,8668 | 31,6334 |
| 98 | -14,5290 | 0,6703 | -2,0203 | -2,8949 | -5,5856 | -4,2904 | -9,9155 | -5,6242 | -0,5111 | 16,2273 | 31,1632 |
| 99 | -46,7740 | 0,7591 | -2,2874 | -3,2777 | -6,3254 | -4,8574 | -11,2253 | -6,3660 | -0,5786 | 18,3723 | 30,4217 |