**Table 5.** Order (O), genotype, average phenotypic value (P), average genotypic value (µ+g) and genetic gain value (G%) of the five best cassava (*Manihot esculenta*) genotypes that belong to a germplasm bank in Eastern Amazon, Pará, Brazil. Genotypes were analyzed in a trial established in augmented blocks design with two common treatments and repeated in two years in Igarapé-Açu, Brazil.

|  |  |
| --- | --- |
| SWP(\*) | NRP |
| O | Genotype | P | (µ + g) | G (%) | O | Genotype | P | (µ + g) | G (%) |
| 1 | CPATU 397 | 39.7 | 22.7 | 11.1 | 1 | CPATU 003 | 80.0 | 62.4 | 27.1 |
| 2 | CPATU 441 | 29.7 | 19.6 | 9.5 | 2 |  CPATU 441  | 63.3 | 53.0 | 22.3 |
| 3 | CPATU 364 | 24.5 | 16.0 | 7.7 | 3 | CPATU 332 | 60.0 | 50.4 | 20.0 |
| 4 | CPATU 211 | 23.5 | 15.5 | 6.7 | 4 |  CPATU 152 | 51.0 | 45.2 | 17.4 |
| 5 | CPATU 004 | 17.5 | 14.5 | 6.0 | 5 | CPATU 149 | 50.5 | 45.0 | 16.0 |
| HI | SCR |
| O | Genotype | P | (µ + g) | G (%) | O | Genotype | P | (µ + g) | G (%) |
| 1 | CPATU 066 | 72.0 | 67.0 | 11.4 | 1 | CPATU 483 | 34.9 | 31.8 | 2.2 |
| 2 | CPATU 489 | 71.0 | 66.0 | 10.4 | 2 | CPATU 544 | 34.6 | 31.7 | 2.1 |
| 3 | CPATU 331 | 66.0 | 64.0 | 9.8 | 3 | CPATU 511 | 34.4 | 31.6 | 2.0 |
| 4 | CPATU 502 | 69.5 | 63.7 | 9.4 | 4 | CPATU 073 | 34.0 | 31.3 | 2.0 |
| 5 | CPATU 483 | 68.5 | 63.1 | 9.0 | 5 | CPATU 375 | 33.4 | 31.1 | 1.9 |

(\*)Significanttraits; distribution for 1 degree of freedom; chi-square, 3.84 at 5% probability; analysis of deviance: SWP, stem weight of the plant; NRP, number of roots per plant; HI, harvest index and SCR, starch content in the roots.