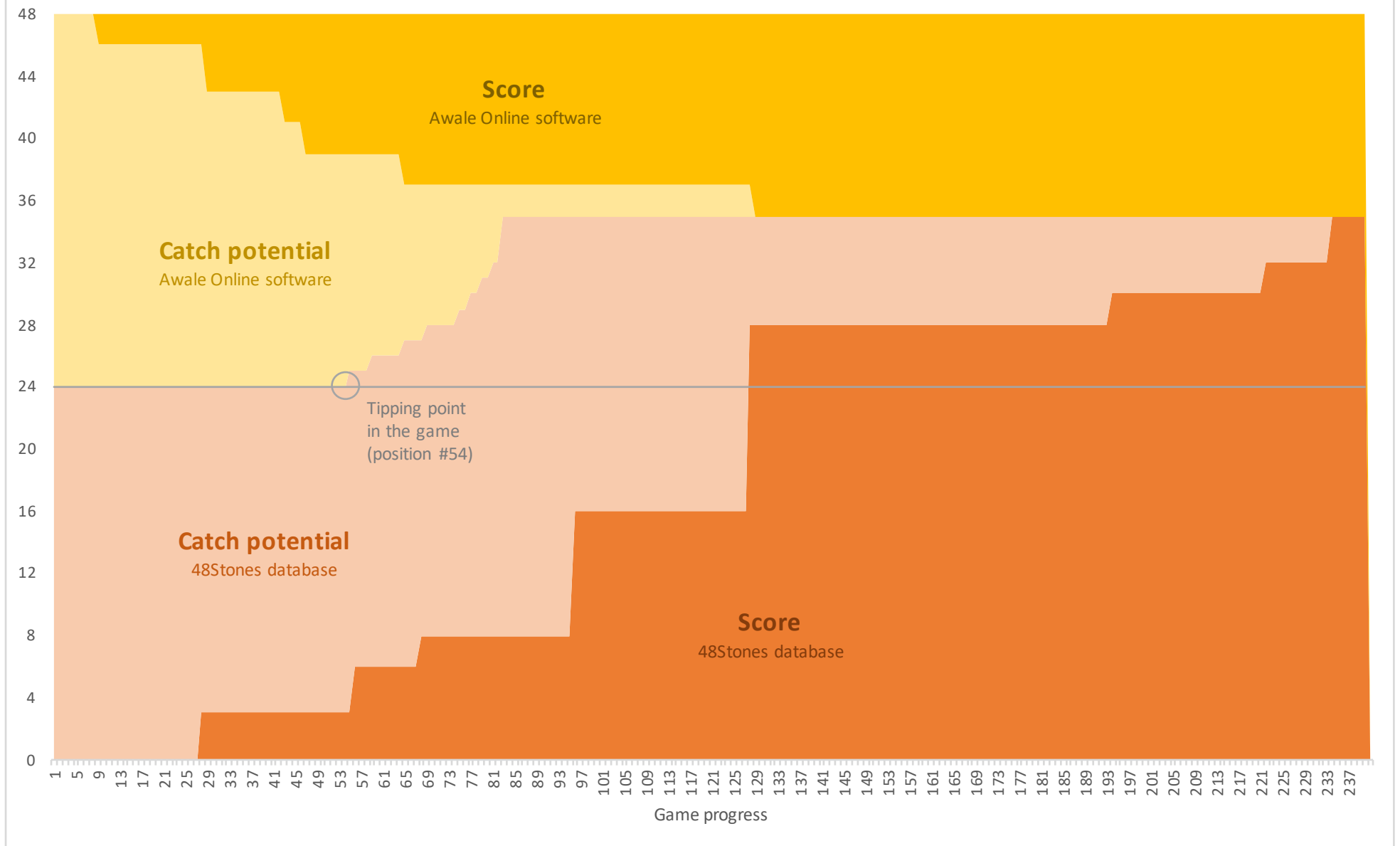


Benchmark game - 48Stones (database) vs. Awale Online (software) (35-13) - Mar 14, 2021



Benchmark game - 48Stones vs. Awale Online (35-13) - Mar 14, 2021

Awale Online settings: on a 2 x 2.66 GHz 6-Core Intel Xeon, 2 threads (program default, not configurable)

1 North: Awale Online program
South: 48Stones database

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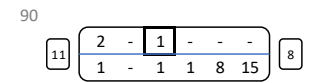
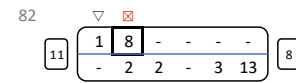
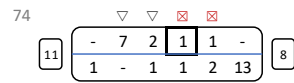
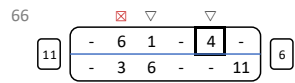
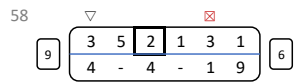
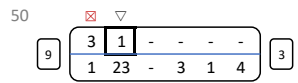
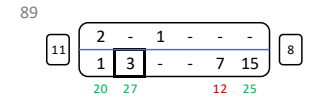
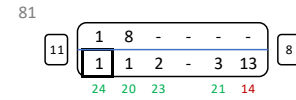
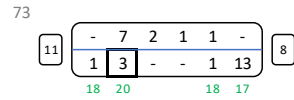
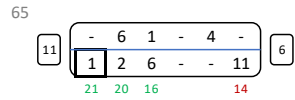
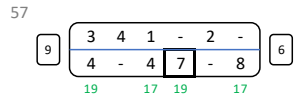
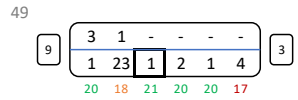
48

▽: Best move
⊠: Worst move

Reminder on notation: green means catching more than what the opponent can catch (i.e 46/2=23)

Not catching with the 9-seed pit to keep max seeds complexity for North, hence higher risk of errors

Not catching with the 8-seed pit to keep max seeds complexity for North, hence higher risk of errors

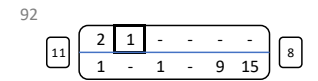
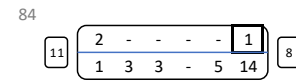
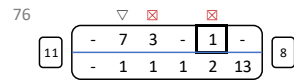
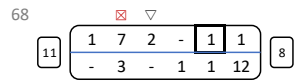
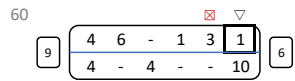
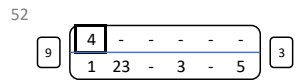
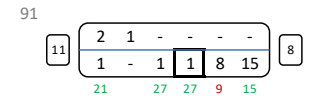
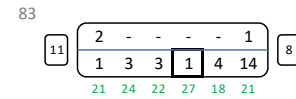
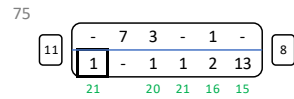
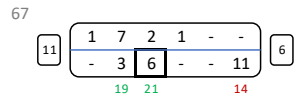
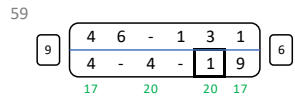
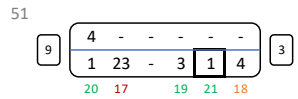


Not optimal move from North = regressing the max potential result by 1 seed

Not optimal move from North = regressing the max potential result by 1 seed

Not optimal move from North = regressing the max potential result by 3 seeds

Whatever North plays, it will give the same potential result

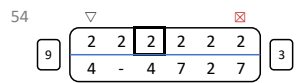
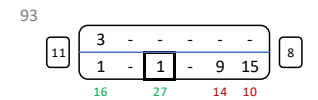
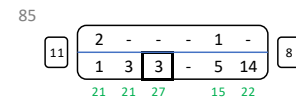
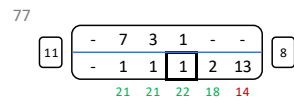
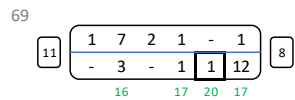
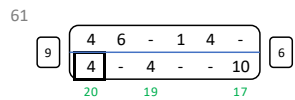
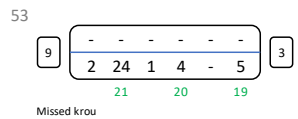


Not optimal move from North = regressing the max potential result by 1 seed

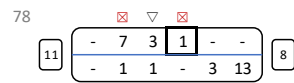
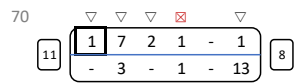
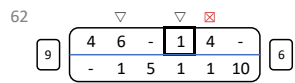
Not optimal move from North = regressing the max potential result by 1 seed

Whatever North plays, it will give the same potential result

Whatever North plays, it will give the same potential result

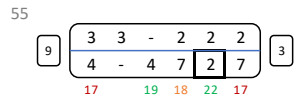


The game is lost for North after this move.

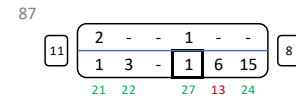
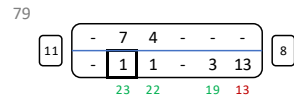
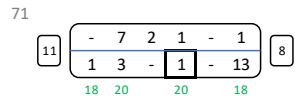
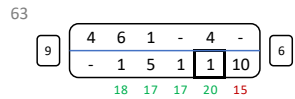


Not optimal move from North = regressing the max potential result by 1 seed

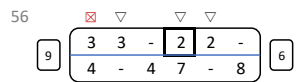
Whatever North plays, it will give the same potential result



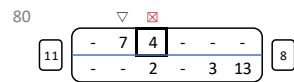
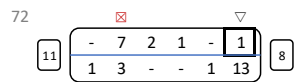
Not optimal move from North = regressing the max potential result by 1 seed



1st krou

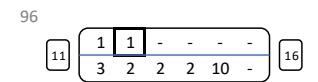


Not optimal move from North = regressing the max potential result by 1 seed

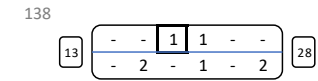
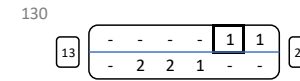
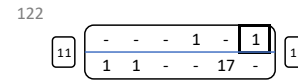
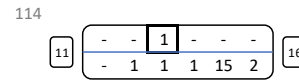
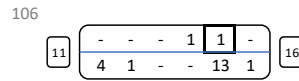
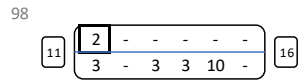
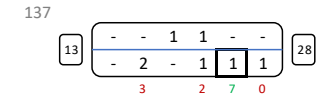
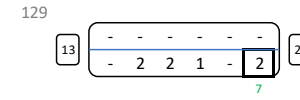
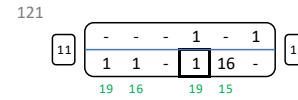
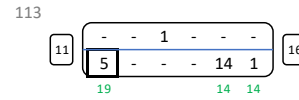
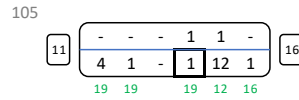
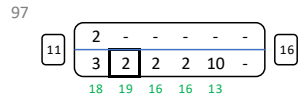


Not optimal move from North = regressing the max potential result by 1 seed

Whatever North plays, it will give the same potential result

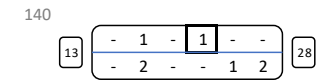
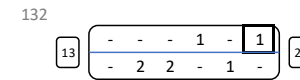
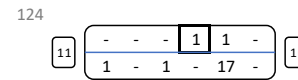
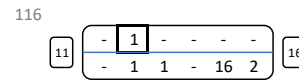
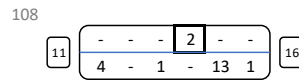
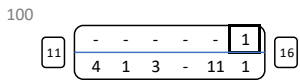
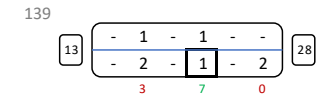
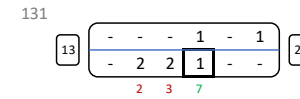
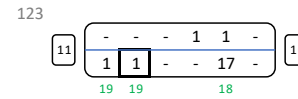
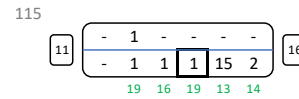
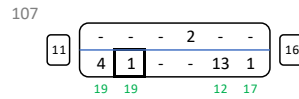
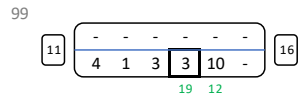


Whatever North plays, it will give the same potential result

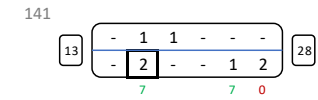
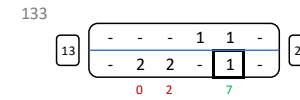
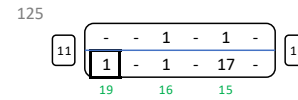
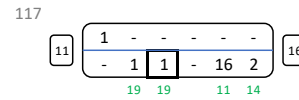
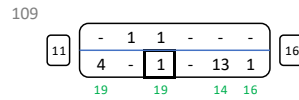
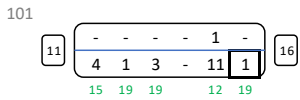


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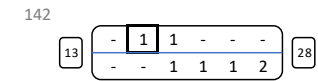
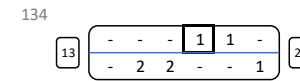
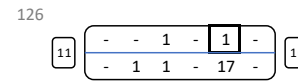
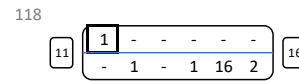
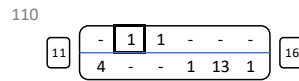
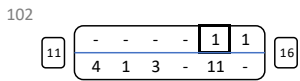
Whatever North plays, it will give the same potential result



Whatever North plays, it will give the same potential result



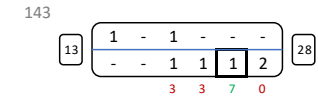
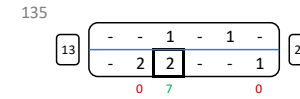
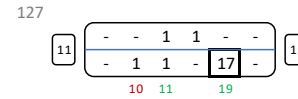
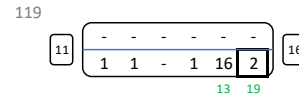
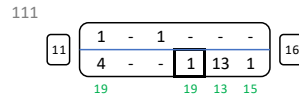
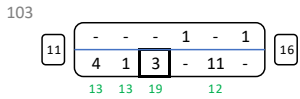
To avoid being captured back after harvesting with the krou



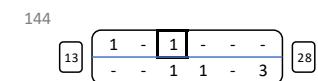
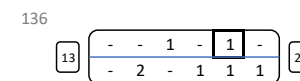
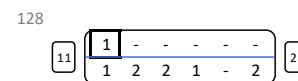
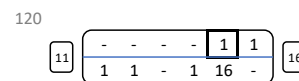
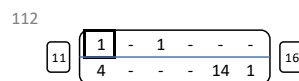
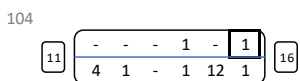
Whatever North plays, it will give the same potential result

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2nd krou
South wins the game

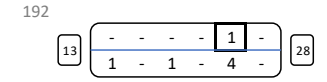
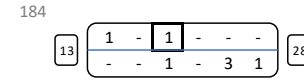
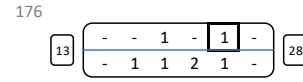
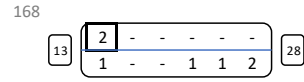
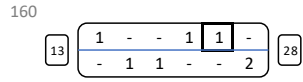
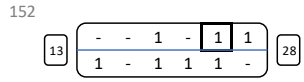
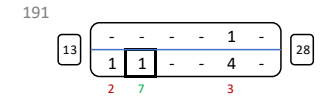
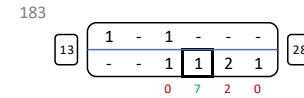
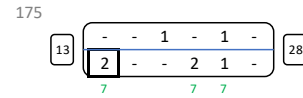
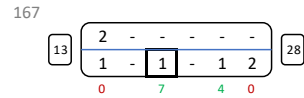
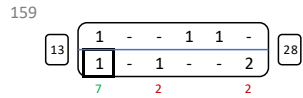
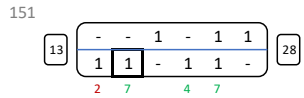
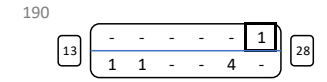
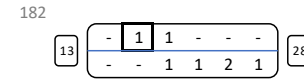
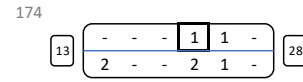
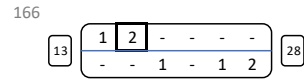
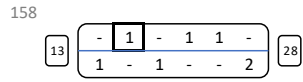
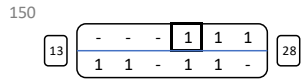
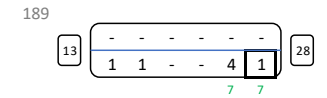
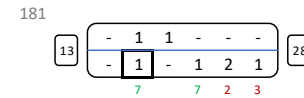
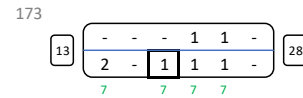
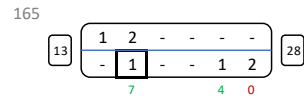
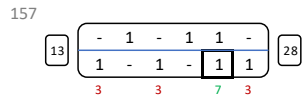
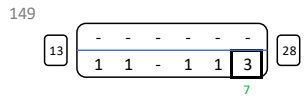
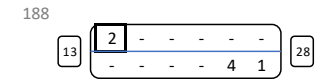
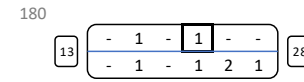
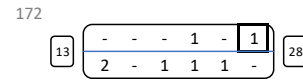
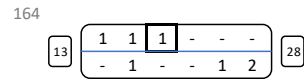
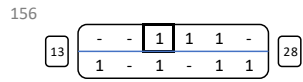
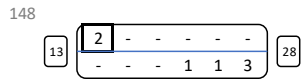
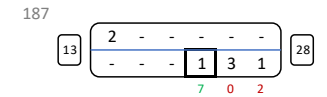
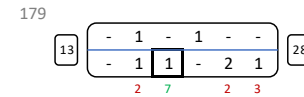
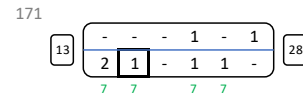
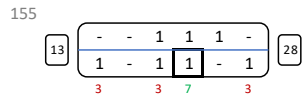
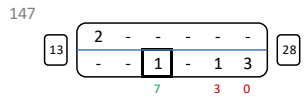
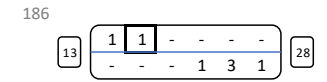
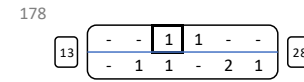
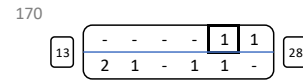
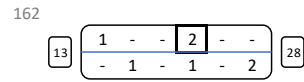
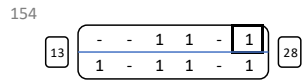
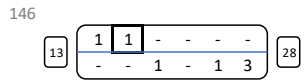
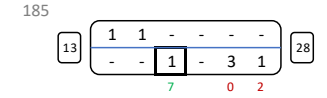
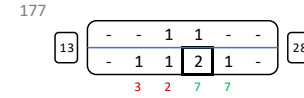
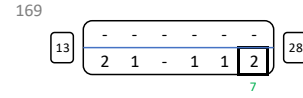
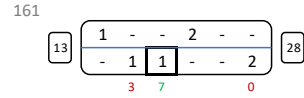
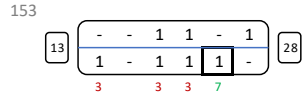
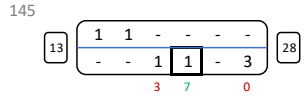


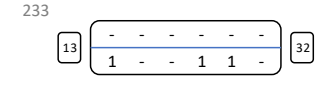
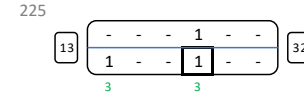
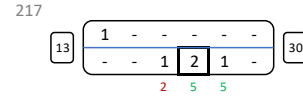
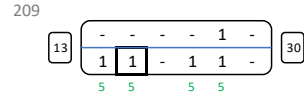
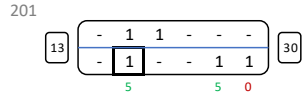
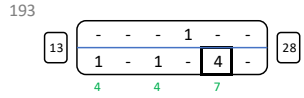
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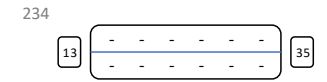
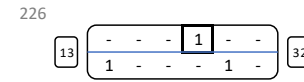
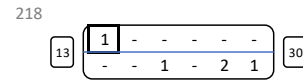
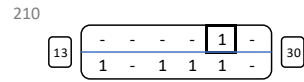
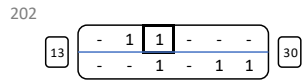
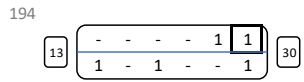
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No more catch potential for North





Starving position. South gets the 3 remaining seeds



North: 13
South: 35

