Hover Breakout Optimization

Default Parameters:

   lookback_candles: 10
   range_pips: 40
   distance_pips: 9
   rr: 2.7777
   lookahead_candles: 12
   risk_percent: 0.01
   spread_pips: 2

Parameter Grid Tested:

   lookback_candles: [5, 10, 20, 50]
   range_pips: [2, 5, 10, 20]
   distance_pips: [5, 10, 20, 50]
   rr: [1, 2, 3, 5]
   lookahead_candles: [5, 8, 15, 30]

Top 10 Results:

lookback	range	distance	rr	lookahead	profit	trades	max DD
10	10	50	3.0	30	442.00	33	2.96
10	10	50	5.0	30	379.60	33	2.96
10	10	50	2.0	30	342.00	33	2.96
10	10	50	1.0	30	310.40	33	2.60
20	10	5	5.0	15	300.00	3	2.00
20	10	10	5.0	30	300.00	3	2.00
20	10	5	5.0	30	300.00	3	2.00
20	10	50	1.0	30	151.40	3	0.00
20	10	50	3.0	30	144.60	3	0.00
20	10	50	5.0	30	144.60	3	0.00