

# Tomahawk Minstrel Hood

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- Gravity **13.3 BLG**
- ABV **5.5 %**
- IBU **57**
- SRM **35.9**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

## Fermentables

| Type           | Name                           | Amount      | Yield | EBC |
|----------------|--------------------------------|-------------|-------|-----|
| Liquid Extract | barley ekstrakt<br>jęczmieny 3 | 4 kg (100%) | 80 %  | 188 |

## Hops

| Use for             | Name                   | Amount | Time     | Alpha acid |
|---------------------|------------------------|--------|----------|------------|
| Boil                | Columbus/Tomahawk/Zeus | 30 g   | 60 min   | 15.5 %     |
| Aroma (end of boil) | minstrel               | 20 g   | 20 min   | 4.9 %      |
| Aroma (end of boil) | minstrel               | 10 g   | 5 min    | 4.9 %      |
| Dry Hop             | Mount Hood             | 30 g   | 7 day(s) | 5.5 %      |