

## America session

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- Gravity **8.3 BLG**
- ABV **3.2 %**
- IBU **44**
- SRM **6.4**
- Style **American IPA**

### Batch size

- Expected quantity of finished beer **15 liter(s)**
- Trub loss **5 %**
- Size with trub loss **15.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **19 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **7.3 liter(s)**
- Total mash volume **9.8 liter(s)**

### Fermentables

| Type  | Name                   | Amount         | Yield | EBC |
|-------|------------------------|----------------|-------|-----|
| Grain | Strzegom Pale Ale      | 1.7 kg (69.7%) | 79 %  | 6   |
| Grain | Pszeniczny             | 0.4 kg (16.4%) | 85 %  | 4   |
| Grain | Simpsons - Maris Otter | 0.14 kg (5.7%) | 81 %  | 6   |
| Grain | Strzegom Karmel 150    | 0.2 kg (8.2%)  | 75 %  | 150 |

### Hops

| Use for | Name                   | Amount | Time     | Alpha acid |
|---------|------------------------|--------|----------|------------|
| Boil    | Chinook                | 10 g   | 50 min   | 11.3 %     |
| Boil    | Simcoe                 | 10 g   | 10 min   | 13.2 %     |
| Boil    | Columbus/Tomahawk/Zeus | 10 g   | 10 min   | 12.4 %     |
| Boil    | Ella (AUS)             | 10 g   | 10 min   | 15.2 %     |
| Dry Hop | Mandarina Bavaria      | 40 g   | 5 day(s) | 10 %       |
| Dry Hop | Citra                  | 40 g   | 5 day(s) | 12 %       |
| Dry Hop | Simcoe                 | 10 g   | 5 day(s) | 13.2 %     |
| Dry Hop | Centennial             | 30 g   | 5 day(s) | 10.5 %     |