

# exterminator double aipa 19

- Gravity **18.4 BLG**
- ABV **8 %**
- IBU **94**
- SRM **5.5**
- 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)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **22.5 liter(s)**
- Total mash volume **30 liter(s)**

## Fermentables

| Type  | Name                       | Amount         | Yield | EBC |
|-------|----------------------------|----------------|-------|-----|
| Grain | pale ale                   | 5.5 kg (73.3%) | --- % | --- |
| Grain | Monachijski                | 1.5 kg (20%)   | 80 %  | 16  |
| Grain | Aromatic Malt              | 0.2 kg (2.7%)  | 78 %  | 51  |
| Grain | Caramel/Crystal Malt - 20L | 0.3 kg (4%)    | 75 %  | 39  |

## Hops

| Use for | Name     | Amount | Time   | Alpha acid |
|---------|----------|--------|--------|------------|
| Boil    | Summit   | 32 g   | 0 min  | 17 %       |
| Boil    | Cascade  | 20 g   | 20 min | 6 %        |
| Boil    | Cascade  | 10 g   | 45 min | 6 %        |
| Boil    | Amarillo | 20 g   | 30 min | 9.5 %      |
| Boil    | Amarillo | 10 g   | 45 min | 9.5 %      |
| Boil    | Amarillo | 10 g   | 50 min | 9.5 %      |
| Boil    | Amarillo | 30 g   | 55 min | 9.5 %      |
| Boil    | Citra    | 10 g   | 45 min | 12 %       |
| Boil    | Citra    | 10 g   | 50 min | 12 %       |
| Boil    | Citra    | 10 g   | 55 min | 12 %       |
| Dry Hop | Citra    | 20 g   | ---    | 12 %       |
| Dry Hop | Amarillo | 20 g   | ---    | 9.5 %      |