

# Exterminator Double AIPA 19\* (TB.PL)

- Gravity **19.3 BLG**
- ABV **8.4 %**
- IBU ---
- SRM **12.9**
- Style **Imperial IPA**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21.4 liter(s)**
- Boil time **90 min**
- Evaporation rate **10 %/h**
- Boil size **26.9 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **22.5 liter(s)**
- Total mash volume **30 liter(s)**

## Steps

- Temp **67 C**, Time **90 min**
- Temp **78 C**, Time **5 min**

## Mash step by step

- Heat up **22.5 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **90 min** at **67C**
- Keep mash **5 min** at **78C**
- Sparge using **11.9 liter(s)** of **76C** water or to achieve **26.9 liter(s)** of wort

## Fermentables

| Type  | Name                       | Amount         | Yield | EBC |
|-------|----------------------------|----------------|-------|-----|
| Grain | Briess - Pale Ale Malt     | 5.5 kg (73.3%) | 80 %  | 7   |
| Grain | Monachijski                | 1.5 kg (20%)   | 80 %  | 16  |
| Grain | Aromatic Malt              | 0.2 kg (2.7%)  | 78 %  | 51  |
| Grain | Caramel/Crystal Malt - 10L | 0.3 kg (4%)    | 75 %  | 300 |

## Hops

| Use for | Name     | Amount | Time   | Alpha acid |
|---------|----------|--------|--------|------------|
| Mash    | Summit   | 30 g   | 60 min | 17 %       |
| Mash    | Cascade  | 20 g   | 40 min | 6 %        |
| Mash    | Cascade  | 10 g   | 15 min | 6 %        |
| Mash    | Amarillo | 20 g   | 30 min | 9.5 %      |
| Mash    | Amarillo | 10 g   | 15 min | 9.5 %      |
| Mash    | Amarillo | 10 g   | 10 min | 9.5 %      |
| Mash    | Amarillo | 30 g   | 5 min  | 9.5 %      |
| Mash    | Citra    | 10 g   | 15 min | 12 %       |
| Mash    | Citra    | 10 g   | 10 min | 12 %       |
| Mash    | Citra    | 10 g   | 5 min  | 12 %       |

|         |          |      |          |       |
|---------|----------|------|----------|-------|
| Dry Hop | Amarillo | 20 g | 7 day(s) | 9.5 % |
| Dry Hop | Citra    | 20 g | 7 day(s) | 12 %  |