

# Żytnia IPA

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- Gravity **13.8 BLG**
- ABV **5.7 %**
- IBU **52**
- SRM **4.7**
- Style **Rye IPA**

## Batch size

- Expected quantity of finished beer **8 liter(s)**
- Trub loss **5 %**
- Size with trub loss **8.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **10.1 liter(s)**

## Mash information

- Mash efficiency **65 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **7.5 liter(s)**
- Total mash volume **10 liter(s)**

## Fermentables

| Type  | Name        | Amount       | Yield | EBC |
|-------|-------------|--------------|-------|-----|
| Grain | Pilznieński | 2 kg (80%)   | 81 %  | 4   |
| Grain | Żytni       | 0.5 kg (20%) | 85 %  | 8   |

## Hops

| Use for             | Name    | Amount | Time   | Alpha acid |
|---------------------|---------|--------|--------|------------|
| Boil                | lunga   | 20 g   | 60 min | 10 %       |
| Aroma (end of boil) | Chinook | 50 g   | 0 min  | 13 %       |