

# NE IPA z nowych chmieli

- Gravity **13.3 BLG**
- ABV **5.5 %**
- IBU **6**
- SRM **4.4**
- Style **White IPA**

## Batch size

- Expected quantity of finished beer **26 liter(s)**
- Trub loss **5 %**
- Size with trub loss **27.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **5 %/h**
- Boil size **30 liter(s)**

## Mash information

- Mash efficiency **65 %**
- Liquor-to-grist ratio **3.3 liter(s) / kg**
- Mash size **25.7 liter(s)**
- Total mash volume **33.5 liter(s)**

## Steps

- Temp **68 C**, Time **45 min**
- Temp **72 C**, Time **20 min**
- Temp **76 C**, Time **5 min**

## Mash step by step

- Heat up **25.7 liter(s)** of strike water to **75.3C**
- Add grains
- Keep mash **45 min** at **68C**
- Keep mash **20 min** at **72C**
- Keep mash **5 min** at **76C**
- Sparge using **12.1 liter(s)** of **76C** water or to achieve **30 liter(s)** of wort

## Fermentables

| Type  | Name                 | Amount         | Yield | EBC |
|-------|----------------------|----------------|-------|-----|
| Grain | Strzegom Pilzneński  | 4 kg (51.3%)   | 80 %  | 4   |
| Grain | Viking Pale Ale malt | 2 kg (25.6%)   | 80 %  | 5   |
| Grain | Pszeniczny           | 1 kg (12.8%)   | 85 %  | 4   |
| Grain | Płatki owsiane       | 0.8 kg (10.3%) | 60 %  | 3   |

## Hops

| Use for             | Name        | Amount | Time     | Alpha acid |
|---------------------|-------------|--------|----------|------------|
| First Wort          | Equinox     | 5 g    | 60 min   | 13.1 %     |
| Aroma (end of boil) | Galaxy      | 50 g   | 0 min    | 15 %       |
| Whirlpool           | Equinox     | 70 g   | 0 min    | 13.1 %     |
| Dry Hop             | Galaxy      | 100 g  | 5 day(s) | 15 %       |
| Dry Hop             | Huell Melon | 100 g  | 5 day(s) | 7.5 %      |

## Yeasts

| Name                | Type | Form   | Amount | Laboratory |
|---------------------|------|--------|--------|------------|
| WLP066 - London Fog | Ale  | Liquid | 800 ml | White Labs |

## Extras

| Type        | Name            | Amount | Use for | Time   |
|-------------|-----------------|--------|---------|--------|
| Water Agent | gips            | 13 g   | Mash    | 60 min |
| Water Agent | chlorek magnezu | 2 g    | Mash    | 60 min |