

# Vermont Lichtus IPA

- Gravity **15 BLG**
- ABV **6.2 %**
- IBU **55**
- SRM **7.2**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **21 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **26.5 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.4 liter(s) / kg**
- Mash size **21.4 liter(s)**
- Total mash volume **27.7 liter(s)**

## Steps

- Temp **66 C**, Time **40 min**
- Temp **72 C**, Time **10 min**
- Temp **78 C**, Time **2 min**

## Mash step by step

- Heat up **21.4 liter(s)** of strike water to **72.8C**
- Add grains
- Keep mash **40 min** at **66C**
- Keep mash **10 min** at **72C**
- Keep mash **2 min** at **78C**
- Sparge using **11.4 liter(s)** of **76C** water or to achieve **26.5 liter(s)** of wort

## Fermentables

| Type  | Name                           | Amount         | Yield  | EBC |
|-------|--------------------------------|----------------|--------|-----|
| Grain | Briess - Pilsen Malt           | 3 kg (47.6%)   | 80.5 % | 2   |
| Grain | Pszeniczny                     | 0.7 kg (11.1%) | 85 %   | 4   |
| Grain | Briess - Carapils Malt         | 0.5 kg (7.9%)  | 74 %   | 30  |
| Grain | Abbey Malt<br>Weyermann        | 0.5 kg (7.9%)  | 75 %   | 45  |
| Grain | Strzegom<br>Monachijski typ II | 0.8 kg (12.7%) | 79 %   | 22  |
| Grain | Płatki owsiane                 | 0.3 kg (4.8%)  | 85 %   | 3   |
| Grain | Płatki pszeniczne              | 0.5 kg (7.9%)  | 85 %   | 3   |

## Hops

| Use for | Name     | Amount | Time   | Alpha acid |
|---------|----------|--------|--------|------------|
| Boil    | Citra    | 20 g   | 60 min | 12 %       |
| Boil    | Citra    | 20 g   | 20 min | 12 %       |
| Boil    | Mosaic   | 20 g   | 20 min | 10 %       |
| Boil    | Amarillo | 20 g   | 10 min | 9.5 %      |

## Notes

- Burzliwa 19 stopni: 40 g citra po 4 dniu fermentacji burzliwej  
2 tyg cichej - w 3-5 dniu przed rozlewem dodać resztę Citry, 30 g Mosaic, 50 g Palisade, 50g Dr Rudi.  
*Oct 13, 2017, 8:30 PM*