

Willamete Session IPA

- Gravity **13.3 BLG**
- ABV **5.5 %**
- IBU **39**
- SRM **3.9**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **60 liter(s)**
- Trub loss **5 %**
- Size with trub loss **63 liter(s)**
- Boil time **60 min**
- Evaporation rate **5 %/h**
- Boil size **72.5 liter(s)**

Mash information

- Mash efficiency **88 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **40.5 liter(s)**
- Total mash volume **54 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---------------------|---------------|-------|-----|
| Grain | Strzegom Pilzneński | 12 kg (88.9%) | 80 % | 4 |
| Grain | Monachijski | 1 kg (7.4%) | 80 % | 16 |
| Grain | Żytni | 0.5 kg (3.7%) | 85 % | 8 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|------------|--------|--------|------------|
| Boil | Chinook | 50 g | 60 min | 9 % |
| Boil | Willamette | 50 g | 15 min | 4 % |
| Boil | Chinook | 100 g | 20 min | 9 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------|------|-------|--------|------------|
| Safale US-05 | Ale | Slant | 500 ml | Fermentis |