

Budget IPA

- Gravity **16.4 BLG**
- ABV **6.9 %**
- IBU **88**
- SRM **6.9**

Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.8 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **21.9 liter(s)**
- Total mash volume **29.2 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------|----------------|-------|-----|
| Grain | Viking Pale Ale malt | 6.8 kg (93.2%) | 80 % | 5 |
| Grain | Karmelowy Czerwony | 0.5 kg (6.8%) | 75 % | 60 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|---------|--------|--------|------------|
| Boil | Polaris | 30 g | 60 min | 21.1 % |
| Boil | Bravo | 20 g | 30 min | 13.7 % |
| Boil | Bravo | 36 g | 10 min | 13.7 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------------------|------|------|--------|------------|
| Gozdawa Pure Ale Yeast 7 | Ale | Dry | 10 g | Gozdawa |