

Zachód nad Sawanną (African IPA)

- Gravity **15 BLG**
- ABV **6.2 %**
- IBU **56**
- SRM **7.8**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **31.7 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **19.2 liter(s)**
- Total mash volume **25.6 liter(s)**

Steps

- Temp **65 C**, Time **70 min**
- Temp **78 C**, Time **5 min**

Mash step by step

- Heat up **19.2 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **70 min** at **65C**
- Keep mash **5 min** at **78C**
- Sparge using **18.9 liter(s)** of **76C** water or to achieve **31.7 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------|----------------|-------|-----|
| Grain | Viking Pale Ale malt | 3.5 kg (54.7%) | 100 % | 5 |
| Grain | Monachijski | 1 kg (15.6%) | 90 % | 16 |
| Grain | Strzegom Wiedeński | 1 kg (15.6%) | 90 % | 10 |
| Grain | Pszeniczny | 0.5 kg (7.8%) | 85 % | 4 |
| Grain | Cara Gold | 0.4 kg (6.3%) | 80 % | 120 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|-----------|------------------|--------|----------|------------|
| Boil | African Queen | 15 g | 60 min | 13.5 % |
| Boil | Southern Passion | 30 g | 10 min | 10.5 % |
| Boil | African Queen | 15 g | 10 min | 13.5 % |
| Whirlpool | Southern Passion | 70 g | 20 min | 10.5 % |
| Whirlpool | African Queen | 20 g | 20 min | 13.5 % |
| Dry Hop | Southern Passion | 50 g | 4 day(s) | 10.5 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale | Dry | 11.5 g | Fermentis |