

Amerykańska Pszenica z płatkami i Mango

- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **37**
- SRM **20.8**
- Style **American Wheat or Rye Beer**

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 **17.7 liter(s)**
- Total mash volume **23.6 liter(s)**

Steps

- Temp **69 C**, Time **60 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **17.7 liter(s)** of strike water to **77.2C**
- Add grains
- Keep mash **60 min** at **69C**
- Keep mash **10 min** at **78C**
- Sparge using **19.9 liter(s)** of **76C** water or to achieve **31.7 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---------------------------|-----------------|-------|------|
| Grain | Pszeniczny | 2.85 kg (48.3%) | 85 % | 4 |
| Grain | Pilzneński | 2.15 kg (36.4%) | 81 % | 4 |
| Grain | Strzegom pszenica prażona | 0.4 kg (6.8%) | 70 % | 1000 |
| Grain | Płatki pszeniczne | 0.5 kg (8.5%) | 85 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|------------|--------|--------|------------|
| Boil | Chinook | 10 g | 60 min | 13 % |
| Boil | Centennial | 25 g | 10 min | 10.5 % |
| Boil | Centennial | 25 g | 5 min | 10.5 % |
| Boil | Citra | 30 g | 5 min | 12 % |
| Boil | Citra | 30 g | 5 min | 12 % |

Yeasts

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

Extras

| Type | Name | Amount | Use for | Time |
|--------|-------------|--------|-----------|------|
| Flavor | Sok z Mango | 100 g | Secondary | --- |