

AIPA

- Gravity **16.6 BLG**
- ABV **7 %**
- IBU **93**
- SRM **5.8**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **32.2 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **24 liter(s)**
- Total mash volume **32 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---------------------------|-------------|-------|-----|
| Grain | Weyermann - Pale Ale Malt | 8 kg (100%) | 85 % | 7 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|------------|----------|--------|----------|------------|
| First Wort | Apollo | 10 g | 60 min | 18.7 % |
| First Wort | Summit | 10 g | 60 min | 15.8 % |
| Boil | Apollo | 10 g | 20 min | 18.7 % |
| Boil | Summit | 10 g | 20 min | 15.8 % |
| Boil | Cascade | 50 g | 20 min | 7.1 % |
| Boil | Apollo | 30 g | 5 min | 18.7 % |
| Boil | Summit | 30 g | 5 min | 15.8 % |
| Boil | Chinook | 50 g | 5 min | 11.3 % |
| Boil | Amarillo | 50 g | 5 min | 8.7 % |
| Boil | Cascade | 50 g | 1 min | 7.1 % |
| Whirlpool | Apollo | 20 g | 5 min | 18.7 % |
| Dry Hop | Apollo | 30 g | 5 day(s) | 18.7 % |
| Dry Hop | Simcoe | 100 g | 5 day(s) | 13.2 % |
| Dry Hop | Chinook | 50 g | 5 day(s) | 11.3 % |
| Dry Hop | Amarillo | 50 g | 5 day(s) | 8.7 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|----------------------|------|--------|--------|------------------|
| FM52 Amerykański Sen | Ale | Liquid | 100 ml | Fermentum Mobile |