

## Pszeniczna 16

- Gravity **19.8 BLG**
- ABV **8.7 %**
- IBU **117**
- SRM **6.7**
- Style **American Wheat or Rye Beer**

### Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

### Fermentables

| Type           | Name             | Amount         | Yield | EBC |
|----------------|------------------|----------------|-------|-----|
| Liquid Extract | Pszeniczny       | 1.7 kg (28.8%) | 85 %  | 4   |
| Liquid Extract | Pilzneński       | 3.4 kg (57.6%) | 81 %  | 4   |
| Liquid Extract | Karmelowy        | 0.6 kg (10.2%) | 75 %  | 59  |
| Sugar          | Cukier trzcinowy | 0.2 kg (3.4%)  | 90 %  | 8   |

### Hops

| Use for | Name                | Amount | Time      | Alpha acid |
|---------|---------------------|--------|-----------|------------|
| Boil    | Columbus-goryczkowy | 40 g   | 60 min    | 15.5 %     |
| Boil    | Columbus-goryczkowy | 20 g   | 45 min    | 15.5 %     |
| Boil    | Palisade            | 20 g   | 20 min    | 7.5 %      |
| Boil    | Vic Secret          | 30 g   | 15 min    | 16.3 %     |
| Boil    | Palisade            | 15 g   | 10 min    | 7.5 %      |
| Boil    | Chinook             | 15 g   | 10 min    | 13 %       |
| Boil    | Palisade            | 15 g   | 5 min     | 7.5 %      |
| Boil    | Chinook             | 15 g   | 5 min     | 13 %       |
| Dry Hop | Citra               | 30 g   | 10 day(s) | 12 %       |
| Dry Hop | Palisade            | 30 g   | 10 day(s) | 7.5 %      |

### Yeasts

| Name | Type  | Form  | Amount | Laboratory |
|------|-------|-------|--------|------------|
| S-33 | Wheat | Slant | 30 ml  | ---        |

### Extras

| Type        | Name                    | Amount | Use for | Time   |
|-------------|-------------------------|--------|---------|--------|
| Other       | Platki owsiane blysk    | 400 g  | Boil    | 20 min |
| Water Agent | Calcium Chloride        | 10 g   | Boil    | 0 min  |
| Water Agent | CaSO4 (gips piwowarski) | 5 g    | Boil    | 0 min  |