

# Australian Galaxy Rye Ale 13,5 Blg [homebrewing.pl]

- Gravity **13.1 BLG**
- ABV **5.3 %**
- IBU **35**
- SRM **4.4**
- Style **American Pale Ale**

## 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)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **20 liter(s)**

## Fermentables

| Type  | Name                | Amount     | Yield | EBC |
|-------|---------------------|------------|-------|-----|
| Grain | Viking Pilsner malt | 3 kg (60%) | 82 %  | 4   |
| Grain | Żytni               | 2 kg (40%) | 85 %  | 8   |

## Hops

| Use for             | Name   | Amount | Time   | Alpha acid |
|---------------------|--------|--------|--------|------------|
| Boil                | Galaxy | 15 g   | 50 min | 15 %       |
| Boil                | Galaxy | 15 g   | 15 min | 15 %       |
| Aroma (end of boil) | Galaxy | 30 g   | 0 min  | 15 %       |

## Yeasts

| Name         | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale  | Dry  | 7 g    | Fermentis  |