



Extra Styrian Dana



Noble Aroma Varieties
Žlahtne aromatične sorte

Dana is a dual-purpose (bittering and aroma) variety bred at the Slovenian Institute of Hop Research and Brewing in Žalec from Hallertauer Magnum and Slovenian genetic hop germplasm. The variety is known for its good agronomic traits in hop production and processing. It offers a good brewing value, and a pleasant and intense hoppy aroma that provides a harmonic medium-to-slightly-robust bitterness.

Aroma: Juniper, Wild garlic, Pear, Lemon thyme

| | |
|--------------------------|-----------------|
| Ripening time | medium early |
| Storage stability | very good |
| Yield | 1700-2600 kg/ha |

Dana je sorta z možnostjo dvojne uporabe, tako grenčične kot aromatične, žlahtnjena iz nemške sorte Hallertauer Magnum in slovenske dednine. Požlahtnjena je bila na Inštitutu za hmeljarstvo in pivovarstvo Slovenije. Sorta je znana po dobrih agronomskih lastnostih za pridelavo in spravilo hmelja.

Pivo, varjeno z Dano, ima dobro pivovarsko vrednost, ki jo daje prijetna in intenzivna aroma ter harmonična grenčica.

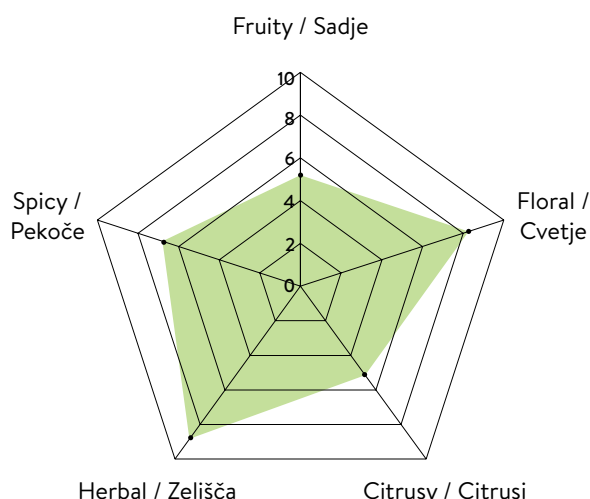
Aroma: brin, divji česen, hruška, limonin timijan

| | |
|------------------------------|-----------------|
| Tehnološka zrelost | srednje zgodna |
| Skladiščna obstojnost | zelo dobra |
| Pridelek | 1700-2600 kg/ha |



Cone shape is narrow ovate average
 cone length is 36 mm average
 weight of 100 dry cones is 26 g

Storžiki so ozko ovalni
 povprečno 36 mm dolgi 100 suhih
 storžikov tehta povprečno 26 g



Disease resistance

| Disease | Resistance Level |
|--------------------------|------------------|
| Downy mildew | |
| Primary infection | Low |
| Secondary infection | High |
| Oowdery mildew | Low |
| Verticillium wilt | |
| Mild form | Medium |
| Lethal form | Low |

Odpornost na bolezni

| Disease | Resistance Level |
|------------------------------|------------------|
| Hmeljeva peronospora | |
| Primarna okužba | Nizka |
| Sekundarna okužba | Visoka |
| Hmeljeva pepelovka | Nizka |
| Verticilijska uvelost | |
| Blaga oblika | Srednja |
| Letalna oblika | Nizka |

Hop resins

| Resin | Range (%) |
|--------------------------------|-------------|
| α -acids (% w/w) | 12,5 - 18,8 |
| β -acids (% w/w) | 4,2 - 6,0 |
| cohumulone (% α -acids) | 30 - 34 |
| colupulone (% β -acids) | 55 - 58 |
| xanthohumol (% w/w) | 0,5 - 0,7 |

Hmeljne smole

| Resin | Range (%) |
|---------------------------------|-------------|
| α -kislina (ut. %) | 12,5 - 18,8 |
| β -kislina (ut. %) | 4,2 - 6,0 |
| kohumulon (% α -kislina) | 30 - 34 |
| kohumulon (% β -kislina) | 55 - 58 |
| ksantohumol (ut. %) | 0,5 - 0,7 |

Essential oils

| Oil | Range (mL/100g hops) |
|------------------------|----------------------|
| myrcene | 2,4 - 3,9 |
| linalool | 42 - 60 |
| β -caryophyllene | 0,5 - 1,0 |
| α -humulene | 6 - 8 |
| farnesene | 15 - 22 |
| | 6 - 9 |

Eterična olja

| Oil | Range (mL/100g hmelja) |
|---------------------|------------------------|
| mircen | 2,4 - 3,9 |
| linalool | 42 - 60 |
| β -kariofilen | 0,5 - 1,0 |
| α -humulen | 6 - 8 |
| farnezen | 15 - 22 |
| | 6 - 9 |



*Plant shape is
cylindrical main
shoot is green.*



*Oblika rastline je
cilindrična, trta je
zelene barve.*

Flavor Varieties

Dišavne sorte



102-44

105-220



Kolibri



Cardinal

Eureka



Eagle

Wolf



Noble Aroma Varieties

Zlahtne aromatične sorte



Bobek

Celeia



Dana



Savinjski
golding

Gold



Aurora

