



European Brewery Convention

BARLEY & MALT COMMITTEE

Results Field Trials, Crop 2002

Executive Summary

The present report summarizes the EBC Barley Field Trials for Crop 2002. It is based on the comments of the 4 regional chairmen, and is intended to highlight tested varieties that may be of interest to the malting and brewing industry.

Standard Varieties

For harvest 2002 trials, Scarlett and Barke varieties have been used as common standards for spring varieties, and Esterel and Regina for winter varieties.

Results

Winter varieties

- Of the year 2 varieties, LEONIE is pointed out in region south for its quality (higher extract than standards, lower viscosity and glucans, high DP and good attenuation). Its characteristics are also noticeable in region north, except for a kernel size smaller than standards.
- Of the year 1 varieties, JESSICA is the most promising one, showing at least average to good characteristics in all regions. To a lesser extent, DIAMOND is also interesting, with average to good yield and good grading. In region north, CLARA and CARRERO yields are better than standards. In region west, MADISON has the highest extract and lowest viscosity, but low DP.

Spring varieties

As the trialed spring varieties varied from region to region, comments are relative to a specific region.

- In region West, of year 2 varieties, ADONIS and SPIRE (high yield), as well as PRESTIGE and BRAEMAR (good yield and malting parameters), are of interest. ORKNEY shows average characteristics, with high Kolbach and final attenuation, and low glucans. All year 1 varieties show yield improvement regarding standards, and TROON is particularly promising with

overall very good characteristics except for a low DP. PEWTER, COCKTAIL and TOPIC also show a good balance between yield and quality. ARCADIA has a high extract yield.

- In region North, many 2 year varieties show good yield (BRISE, COUNTY, JERSEY, LANDORA, WIKINGETT) but no grading improvement. Of year 1 varieties, REFORM is pointed out for quality (high Kolbach, low glucan). SEBASTIAN and BRAEMAR have good yield and quality parameters.
- In region Central, of year 2 varieties, PRESTIGE shows overall quality higher or equal to standards, except for a yield slightly lower. Of year 1 varieties, BRAEMAR, CELLAR and to a lesser extent AURIGA are pointed out for their good combination of yield and high quality.
- In region South, of year 2 varieties, PRESTIGE shows a yield improvement with a good malting quality (higher extract and lower viscosity), while BODEGA is pointed out for its good grading, with high extract and low glucan content. Of year 1 varieties, BRAEMAR has improved yield and grading, with other characteristics equal or slightly higher than standards. ADONIS shows an improved yield with a good malting quality.

Further Information

For more detailed barley and malt data on the above named varieties please refer to the publication 'Results Field Trials Harvest 2002'. Available on request through the national members of the EBC Barley & Malt Committee or from the EBC Secretariat, P.O. Box 510, 2380 BB Zoeterwoude, The Netherlands (tel +31 71 5456047/5456614; fax +31 71 5410013, e-mail: secretariat@ebc-nl.com).

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