

#035

Official VCU Test of Winter Oilseed Rape in Germany

ADDRESS

Richard Manthey

Bundessortenamt,
Neustadt, Germany

The Bundessortenamt is responsible for granting the registration of varieties. After the DUS and the VCU-Tests variety committees decide on the registration in the National Variety List. A variety committee consists of three expert members of the Bundessortenamt.

Value for Cultivation and Use (VCU)

A variety shows value for cultivation and use if all its value characters give reason to believe its performance in the field will be superior to listed varieties or the utilization of its yield, or products thereof, will be better than those of previously listed varieties. The characters defining value are tested in the field and in lab tests. Tests are done to find data on cultivation, resistance, yield, quality and use. The trials are carried out throughout Germany at Bundessortenamt testing stations and at other sites working for the Bundessortenamt — Federal State facilities, plant breeders' facilities and partner testing facilities. The VCU tests are done at 14 - 18 individual facilities every year. Varieties of winter oilseed rape can be approved after three years of testing. Guidelines have been agreed upon by both the Bundessortenamt and the Federal States in order to ensure a transparent process from application to approval to recommendation.

Quality and Resistance

Field trials alone are not enough to determine the value of a variety. Together with the Federal Research Institute, Julius-Kühn-Institut (JKI), we test the resistance against Turnip Yellow Virus (TuYV) and clubroot (*Plasmodiophora brassicae*).

After the testing of seed samples we describe the content of oil, protein, glucosinolates and the fatty acid composition.

Descriptive Variety List

The descriptive variety list describes the characteristics of cultivation and use for all nationally registered varieties as well as for all other important varieties, even for those not registered in Germany but listed in the Common Catalogue. These lists serve as a source of information for seed and plant consumers, for official advisors and for the food industry and its consumers.

PLENARY TALKS

ORALS

POSTERS

WORKSHOPS