

Sugar beet testing in Sweden season 2021

Procedures for 1) VCU, 2) DUS and 3) Testing offered by NBR

Please find below the instructions for the VCU-testing in Sweden 2021. Three different trial types are performed: 1; VCU at SLU and NBR Sweden, 2; DUS test at Jordbruksverket and 3; Special testing offered by NBR. *More information including the charge of testing is given by Desirée Börjesdotter in a separate document from NBR.*

1) VCU sugar beet in Sweden

VCU-applications must be sent to the Swedish Board of Agriculture (Jordbruksverket)

Address for applications

Jordbruksverket
Växtregelenheten, växt- och miljöavdelningen
SE-551 82 JÖNKÖPING
SWEDEN
E-mail: vaxtsort@jordbruksverket.se

To ensure a proper start of the trial season, please send copies of your applications by e-mail to undersigned Magnus Halling at SLU and the Seed Division at Jordbruksverket:

Addresses for copies of applications

SLU Sveriges lantbruksuniversitet
E-mail: magnus.halling@slu.se
(More address info, see last page)

Jordbruksverket (Seed division at SBoA)
E-mail: utsadeskontroll@jordbruksverket.se

VCU-testing sugar beets (trial 102), date and documents

Application, last date

Friday, 12th February 2021.

Documents

Important: Full documentation on characteristics must be given, (e.g. origin, ploidy, type, resistance properties and soil adherence) for new entries. Also specify if withdrawals, 2nd-year and 3rd-year VCU varieties.

Postal address

Box 7043
SE 752 40 UPPSALA
SWEDEN

Visiting address

Ulls väg 16

Tel. / Mobile

018-67 10 00 (vx)
+46 18 67 14 29
+46 70 321 10 94

Fax

018 67 28 90
+46 18 67 28 90

E-mail / Internet

magnus.halling@slu.se
www.slu.se/faltforsk

Seed treatment and delivery address/date (VCU Sweden)

Seed treatment

Insecticide: Force 20 CS (10 g a.i. Teflutrin, 50 ml per unit)

Fungicides: Vibrance SB + Tachigaren 70 WP, 1.73 g a.i. +14 g a.i. per unit

Vibrance SB (1.73 g a.i. Sedaxan, Fludioxonil, Metalaxyl-M and 1,2-Bensisotiazol-3(2H)-on, 33.3 ml per unit) (code no 5444)

Tachigaren 70 WP (14 g a.i. Hymexazol, 20 g per unit). (Code no 3513)

Pellet size: 3.75-4.75 mm.

Important: Seed treatment for DUS, please see below in the DUS-section!

Seed quantity

In 2021 all varieties, which means new entries, varieties tested 2nd and 3rd year and market varieties, will be tested in 3 trials at SLU and 3 trials at NBR, making a total of 6 trials per variety (trial plan 102).

Total seed amount: 2 units per variety. Seed from market varieties will be taken from commercial seed lots.

Seed delivery address for VCU-varieties:

Market varieties is taken from commercial seed lots by Mr Rasmusson, who is responsible for the trials.

Mr. Erik Rasmusson

Forskningsstationen Lönnstorp

SE-234 35 LOMMA

SWEDEN

Mobile phone +46 (0)708 754 183

erik.rasmusson@slu.se

The seed must be at the Lönnstorp station latest on Monday 22th February 2021.

General information

- The VCU testing is shared between SLU and NBR. Application to Jordbruksverket (Swedish Board of Agriculture) will automatically put your variety in three SLU trials and three NBR trials.
- All six trials are carried out with a common trial protocol. This enables us to pool the data and calculate means of all six trials. The data may be used by both NBR and SLU in respect to the separate purposes. In all six trials two replicates are sprayed and two are not sprayed to control leaf diseases.
- A project agreement will be sent by NBR to you as soon as the plans are finalized.
- SLU charge a conto 40% of total amount in June (currency SEK converted from DKK) for three of the six trials, the remaining 60 % payment is due in November/December. The cost per variety and SLU-trial of plan 102 is 4700 DKR, which is the same as announced in the NBR invitation of 2021. The rate used to convert to SEK will be 140.6762 (average of 2020 by the Swedish central bank). The cost per variety in the three SLU-trials of plan 102 will totally be 19 835 SEK.

2) DUS test (Sweden)

Seed quantity

A sample of 500 grams for DUS test should be sent to the Swedish Board of Agriculture, Seed Division. In addition to this, a new DUS sample should be submitted every trial year for the investigation of stability characteristics.

Seed treatment.

PLEASE NOTE! **The seeds should be naked**, for the DUS-test *and not treated with pesticides*, in order to maintain the viability in storage.

Seed delivery Address

Jordbruksverket
Seed Division
Attn. Joakim Stefansson
Onsjövägen 21
SE-268 31 SVALÖV
SWEDEN

Seed delivery date at Svalöv: Monday 22th February 2021.

3) Testing offered by NBR

Special tests on: Nematodes, *Aphanomyces* and Bolting according to the invitation by Desirée Börjesdotter.

With best regards

Magnus Halling
Senior research leader Variety testing-
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