The 5T project 2017-2019 (phase II)

Together To Twenty Ton in 2020

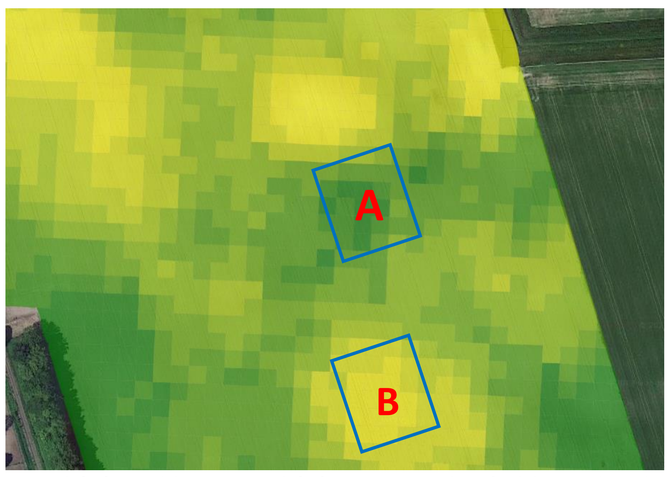
The 5T-project is a co-work between beet growers, Nordzucker and Nordic Beet Research (NBR). The 5T-project has the following aims:

- Increase sugar yields
- Measure and explain field variation
- Increase grower awareness
- Improve skills
- Work together

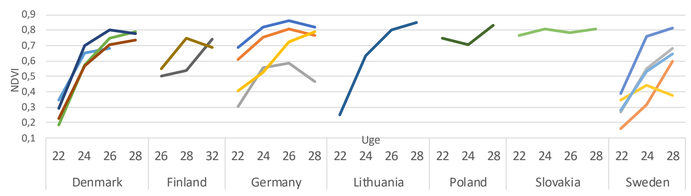
Growth (bench mark)

In Nordzucker's bench mark tool growers can follow field development and compare to their neighbours

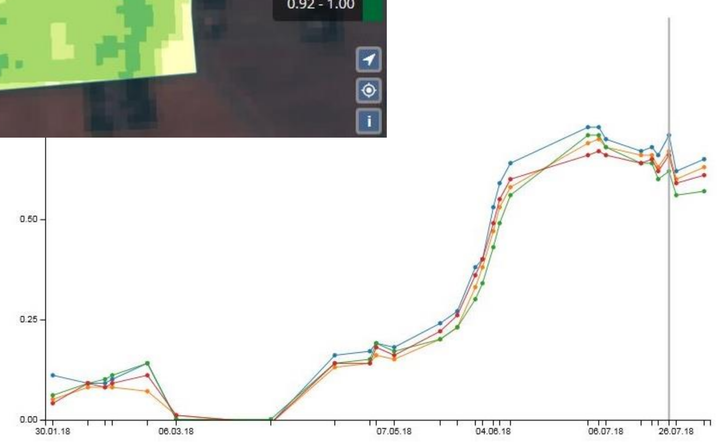
Field variation



Good (A) and less good (B) areas in the field can be detected by NDVI-measurement by Sentinel satellites



NDVI- measurements (handheld equipment) performed in selected
field in countries where Nordzucker has sugar production



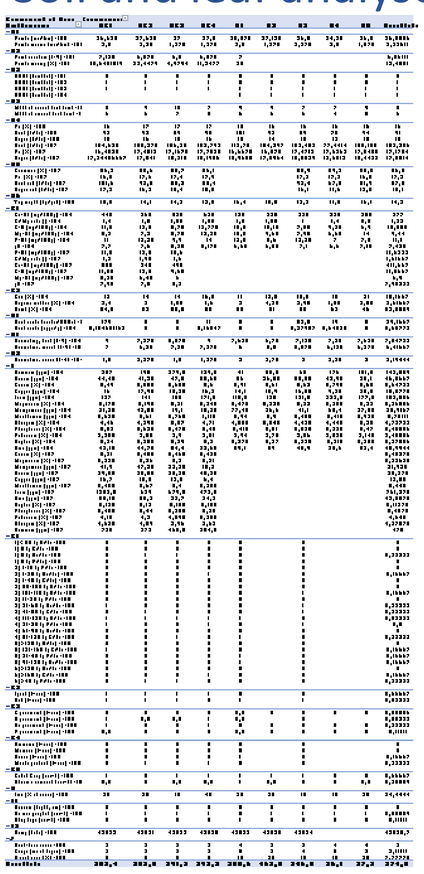
Field visits

Field visits are made in all countries where Nordzucker has sugar production

Tap root development (diagnosis)

In two areas in the field (A=good; B=reduced growth) beets are checked for symptoms causing reduced growth (e.g. beet cyst nematodes and sub-optimal soil structure)

Soil and leaf analyses etc.



- Plant stand
- NDVI-measurements
- Size of beets
- Yield, hand harvest I
- Yield, hand harvest II
- Yield, machine harvest
- Soil minerals, July
- Soil minerals, October
- Soil texture
- Nematodes
- Beet validation
- Leaf analyses, July
- Leaf analyses, October

- Fertilisation
- Catch crop
- Straw removal
- Liming
- Tillage
- Drilling
- Crop rotation

Communication

13 Jun

Status i de svenske og danske 5T-marker

I de to sidste uger har NBR besøgt alle de svenske og danske 5T-dyrkere. Hvor de har foretaget den første opgravning af roer og taget de første billeder. Dette er...

Læs mere

08 Jun

Status i de andre Nordzucker lande

5T projektet er for andet år i træk i gang i alle koncernens lande. I uge 22 blev der i de fleste lande taget billeder fra 5T-markerne. Herunder er en...

Læs mere

24 Apr

Alla 5T-gårdar färdigsådda

Under slutet av förra veckan och den gångna helgen såddes en stor del av den svenska betarealen. Förra måndagen (16/4) var 20 % av arealen sådd, i torsdags (19/4) var 50%...

betsådd, Greteelund, Hviderup, Lovisero, Tofta, Vätterslund, Vårbruk

Läs mer

15 Apr

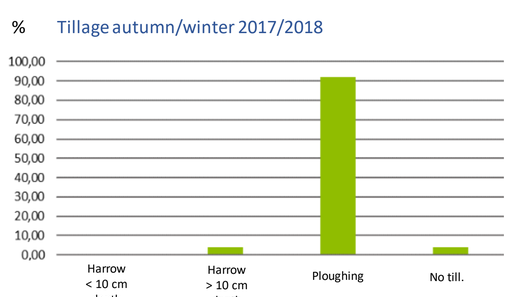
Frågekort 5

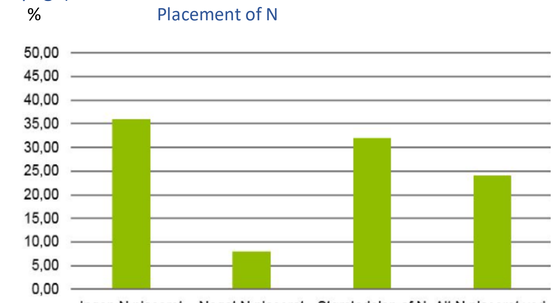
Det femte och sista frågekortet innehöll tre frågor som behandlade frågor om upptagning, skörd och lagring. Resultaten visas här. Fråga 1. Upptagningsförluster Inte alls nöjd, mycket besvärligt i fält – spillet blev...

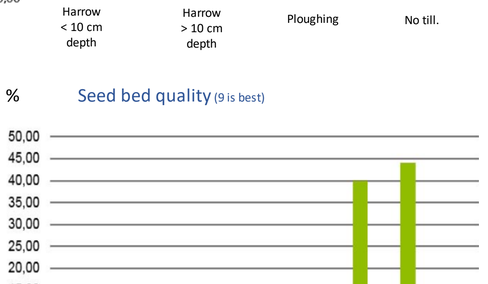
5T+, Frågekort

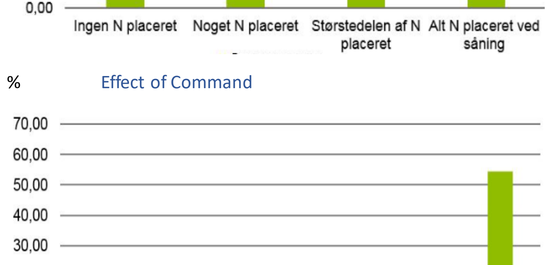
Läs mer

Questionnaires (examples from 5T-homepage)









Euroopan maaseudun kehittämisen maatalousrahasto: Eurooppa investoi maaseutualueisiin

NBR Nordic Beet Research

Poster created by Otto Nielsen (NBR) & Mette Påske Andersen, Finn Sørensen, Bo M Secher (Nordic Sugar)

Nordzucker