

Scots pine in south and central Sweden

possibilities for cooperation in field testing



Högberg Karl-Anders

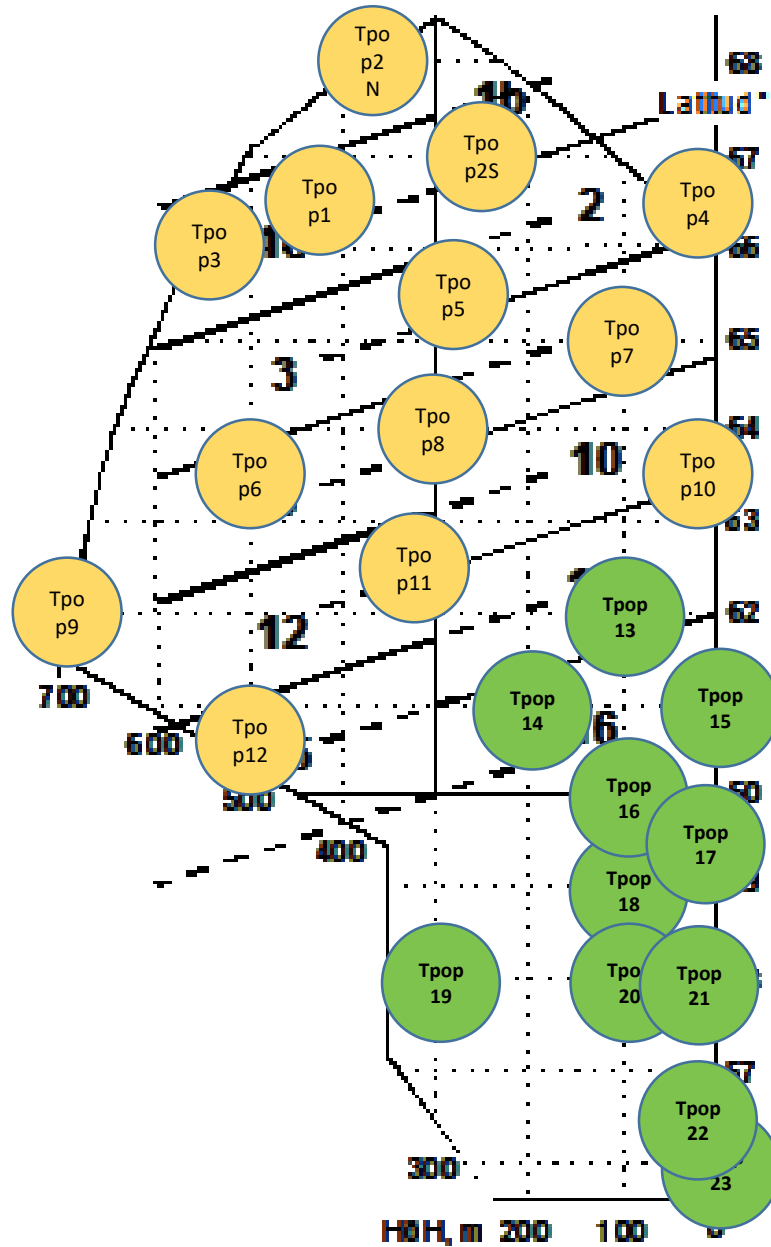


SKOGFORSK

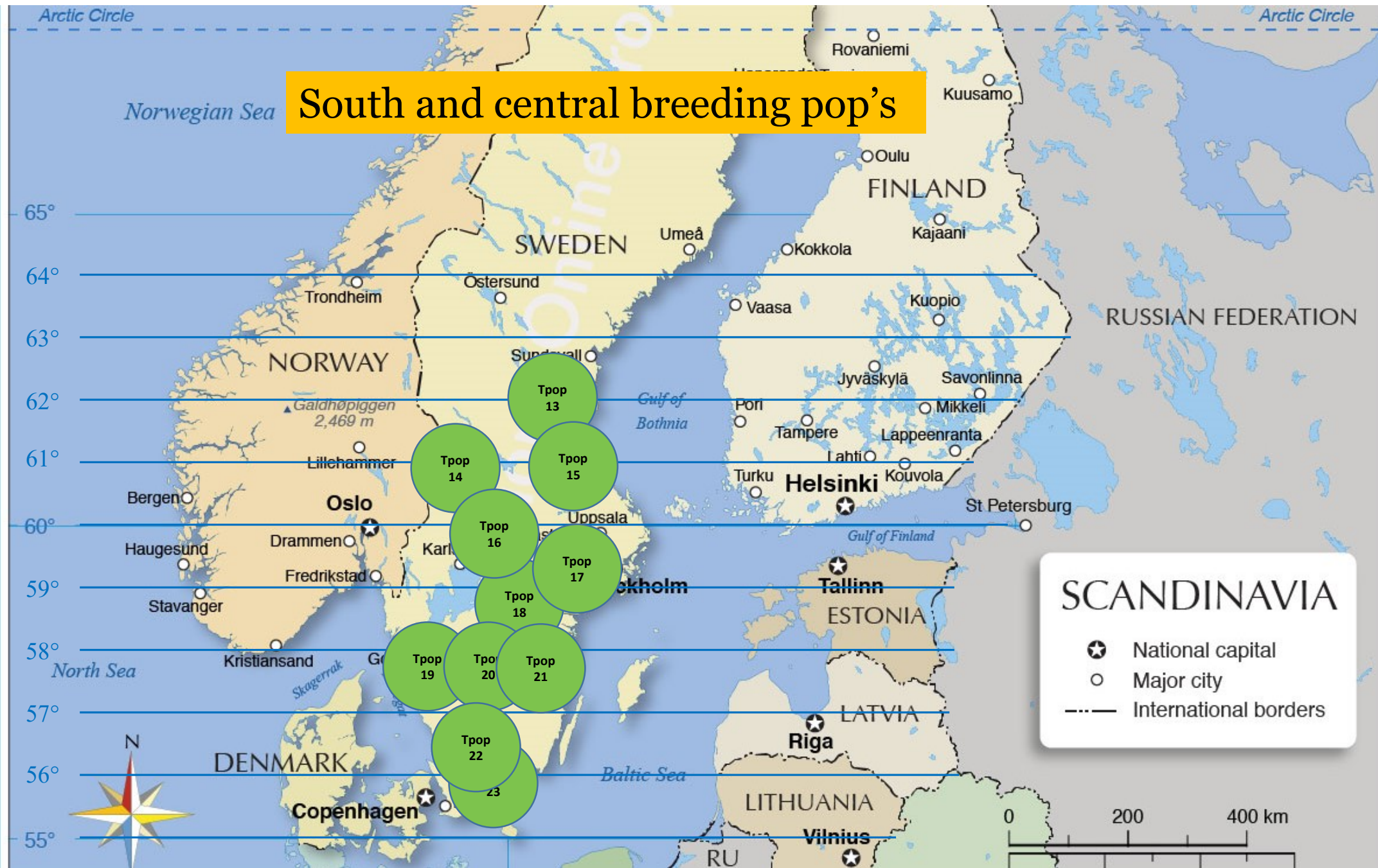


Almqvist Curt

Scots pine Breeding populations



South and central breeding pop's



South and central breeding pop's

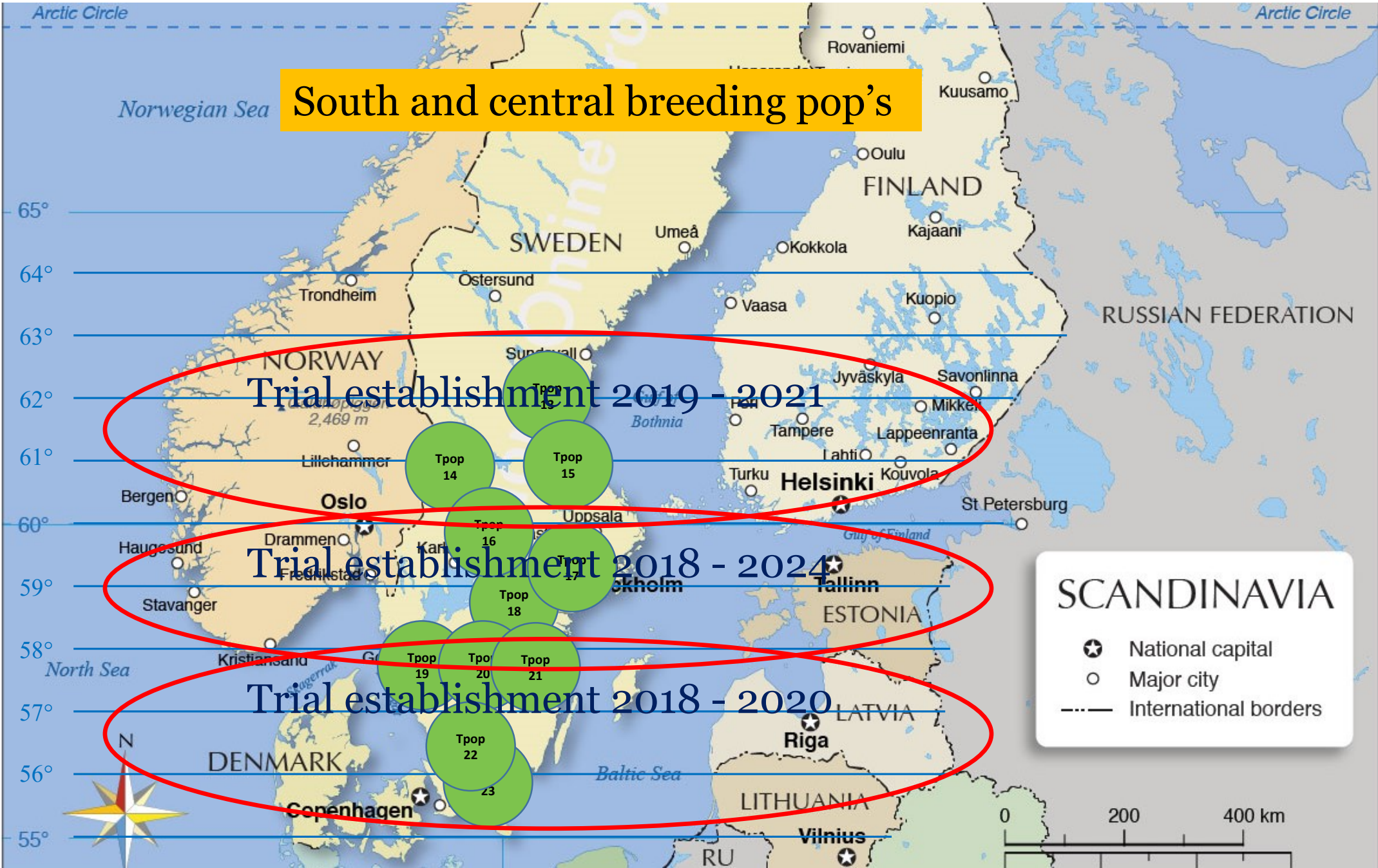
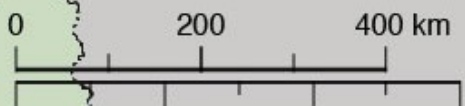
Trial establishment 2019 - 2021

Trial establishment 2018 - 2024

Trial establishment 2018 - 2020

SCANDINAVIA

- ★ National capital
- Major city
- International borders



South and central breeding pop's Field trials 2018 - 2024

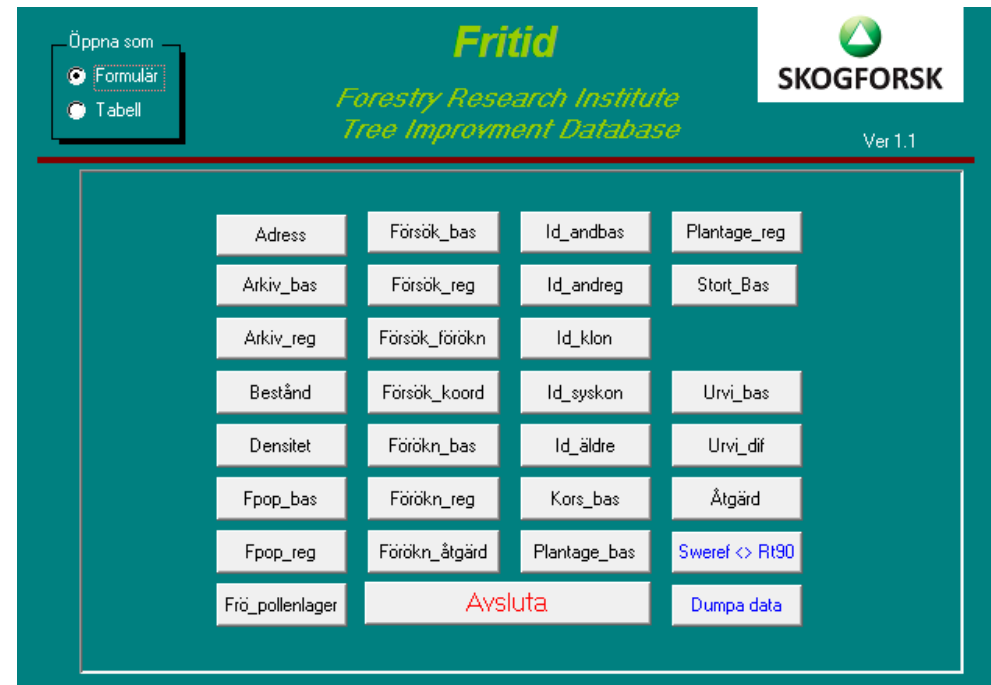
Trial type	# trials	Approx # plants
Clonal test with seedling backup	28	120 000
Progeny trial	5	20 000

Clonal test with phenotype backup:

- All Families propagated as cuttings as main test plants.
50-60 Clones/Fam and as many cuttings as possible (rooting ~24/clone)

- All Families propagated as seedlings as backup

Breeding databases at Skogforsk



- FRITID
 - National registration system:
 - Clones
 - Crosses
 - Trials
 - Archives
 - Etc.
- DATAPLAN (Part of TREELAN)
 - Trial measurement data
 - Pedigree information
 - Etc.
- Some overlap of data


Pinus sylvestris

Home Pedigree Trials Documents Species

Home : Trials : S22F9410249 - 249 Bössbo Älvdalen : Trait statistics

Retrieve Data Import data

Group	Trait	Description	Records	Reject	Min.	Max.	Avg	Units	Std.Dev.
Design	BLOCK	Block nr	990	0	1	10	5.50		2.87
Design	PLANTA	Planta nr	990	0	1	11	6.00		3.16
Design	RAD	Rad nr	990	0	1	9	5.00		2.58
Obsolete	KND_12_ORIG	Kondition år 12: 1=bra ...4=d	990	0	1	4	2.23	1-4	1.43
Obsolete	SORTNR	Sådd(Fält)nummer	990	0	0	90	59.75		19.18
Trait	DIA_12	Brösthöjdsdiameter år 12	514	0	4	60	25.52	mm	12.40
Trait	HJD_12	Höjd år 12	607	0	70	420	219.84	cm	70.55
Trait	HJD_9	Höjd år 9	556	0	38	265	132.67	cm	43.01
Trait	SKAD_12	Skada år 12: Skada år 16: Em	43	0	721	722	721.44	552-722	0.50
Trait	VIT_12	Vitalitet år 12: = 4-Knd_12_o	990	0	0	3	1.77	0-3	1.43



IUFRO Seed Orchard Conference 2017

Date: September 4-6, 2017

Venue: Bålsta, Sweden

