

Essence: Pinus wallichiana A.B.Jacks No Code: 33= Pinus excelsa wall.Provenance: Kapra Gomba No Code: 002

Anciens No.: Fischer:

Actes: ~~Fischer~~ 10.2~~Kapra Gomba~~ KapraFournisseur: Herrn Chr. Frei, DFP Bumthang, Byakar BHUTANDonnées géographiques:Situation:

Pays: Bhutan

Coordonnées:

Contrée géogr.: vallée de Bumthang

Longitude E/W: ca 90°

Loc. dans aire: "

Latitude: ca 27°

Gemeinde Région politique: Kapra Gomba/ Dekardzong

Altitude: 2800 m

Arrdt forestier:

Élévation/vallée: 100 m

Propriétaire: Staatswald

Exposition: WSW

Forêt: Kapra Gomba Wald

Inclinaison: 20 %

Données climatiques: Type de climat:Station Karsuphe 2700 m
Temp. moy. ann.: 9.6 °C

Temp. maximale: 28.5 minimale: -12.5 °C

Temp. mois le plus froid: (I) 1.2 mois le plus chaud: (VI) 15.5

Précipitations: 637 mm

Sols:

Formation géologique: Molasse

Type de sol: Braunerde

Profondeur: 25 cm
pH ca 5

Teneur en eau:

Végétation: Nadelwald

Caractéristiques du peuplement semencier:

Geerntet in einem geschlossenen bis lückigen Bestand von 'Blue Pine' von 50 bis 60 J
20 bis 25 m Höhe, am 29.11.1975 bei Ch. Frei

Graines:

Reçues: 13.2.1975, 100 g

Poids/1000 graines: 50 g

Semées:

Taux de germination:

Expérimentation:

Plants mis à demeure:

Expérimentés dans les essais:

Swiss Forest Research Institute
Versuchsgruppe : Ertragskunde
8903 Birmensdorf (ZH)
SWITZERLAND

* SEED SOURCE CONTROL *

Botanical name of tree: Pinus excelsa Vall. (Blue pine) 100 gr.
Name of seed origin: Kapra Gumpa / Byakar / Bumthang, BHUTAN.
(Next settlement)
Name and address of seed supplier: Frei Christof, DFP Bumthang, Byakar/Bl.

a) Geographical indications

Land: Bhutan
State: -
County: -
Village/town/city: ~~Dzatsen~~ Kapra Gumpa near Dekardzong.
Local forest office: Bumthang Range.
Forest owner: Government (DFP)
Local name of forest: Kapra Gumpa Forest
Geographical range:
Latitude (~~accuracy 1'~~): ~ 27°
Longitude: ~ 90°
Altitude above sea level (m): 2800m.
Elevation above valley bottom: (2700) 100m
Exposure: WSW
Slope inclination (%): ~ 20%

b) Climatological indications

Mean annual temperature (°C): 9.6 Station Karsapho 2750m, DFP.
Maximum daily temperature : 28.5
Minimum daily temperature : 12.5
Mean monthly temperature of coldest month Month: Jan. °C: 1.2
Mean monthly temperature of warmest month Month: June °C: 15.5
Annual precipitation (mm): 636.8
Precipitation May-August: 474-

c) Ecological indications

Geological substratum: Polasse
Soil type: Braunerde
Soil depth: 25m
Water content: -
pH (alcalinity/acidity): ~ 5
Climax vegetation type: Nadelwald.

d) Seed crop description

Forest type (stand or single tree): Blue Pine stand.
Stand structure: Geschlossen bis lückig
Stand age: 50-60 years.
Mean height of trees (m): 20-25 m
Date of collection: 29. Nov. 75
Collector: Frei Christof + Trachsel.

Date: 26.7.76.

Name: Frei Christof.