

# Economic Importance Of Bryophytes

Industrial uses: . Sphagnum and other mosses are the chief constituents of peat. Peats consist mainly of the remains of sphagnum. For this reason this moss is often called peat moss.

- sphagnum grow luxuriantly, their basal older portion die. Peat is used in the preparation of ethyl alcohol.
- . By chemical treatment cellulose in peat is broken down into sugar through which fermentation is converted into alcohol.

Ammonium sulphate is obtained from the peat. Nitrates, brown dyes and tanning materials are produced from the peat.

- . Some of the by-products of peat such as peat tar, ammonia and paraffin are used in industries.

Paper, woven fabrics and artificial wood are manufactured from the peat.

Medicinal uses and Antibiotic properties

Ecological Uses of bryophytes

Spherical Videos

General

Bryophytes as packing materials: Dried mosses are used as packing materials. Dried Sphagnum and moss peat for their ability to hold water tenaciously are remoistened and used as packing material for shipment of live plants, cut flowers, vegetables, fruits, bulbs and tubers, fish, eggs and meat.

7. Bryophytes in experimental botany: The liverworts and mosses play an important role in botany research tools. The mechanism of sex determination in plants was first discovered in liverwort *Sphaerocarpus*. Bryophytes help in the experimental studies on polyploidy in liverworts.

lec 3 .Economic Importance Of Bryophyta | B.Sc. Botany 2nd Semester | Swati Ma'am | - lec 3 .Economic Importance Of Bryophyta | B.Sc. Botany 2nd Semester | Swati Ma'am | 34 minutes - Economic Importance Of Bryophyta | B.Sc. Botany 2nd Semester | Swati Ma'am

#bryophyta #bscbotany #botanybsc

Thank-You ...

Bryophyta(ब्रिओफ़ाइट), ब्रिओफ़ाइट्स ब्रिओफ़ाइट्स, Economic importance of Bryophyta, Biology in hindi - Bryophyta(ब्रिओफ़ाइट्स), ब्रिओफ़ाइट्स ब्रिओफ़ाइट्स, Economic importance of Bryophyta, Biology in hindi 11 minutes, 42 seconds - Hello friends In this video I have told about **Bryophyta**,. Is video me maine **Bryophyta**, ka ब्रिओफ़ाइट्स (Habitat), ...

Use in horticulture: . Sphagnum and peat are of great use in horticulture. Peat is added to heavy (clayey) soils to improve their texture as it keeps them porous and to prevent caking.

- When added to dry, sandy soils it improves their water holding capacity. It serves as an organic manure.
- Peat is the most important source of humus.
- Dried sphagnum are also used as garden mulch which help to retain high soil acidity required by

Economic Importance Of Bryophytes - Economic Importance Of Bryophytes 24 minutes - peat formation, peat uses

pioneer species

indicator of acid rain

water pollution indicator

a good indicator of soil ph

soil ...

Introduction

Use of Sphagnum and Peat

Economic importance of bryophytes bsc 1st year botany - Economic importance of bryophytes bsc 1st year botany 5 minutes, 19 seconds - #biology #bscbiology #bscbotany #botany #bryophytes #bryophyta

Economic importance of Algae

0026 Bryophytes video - Economic importance of Algae

0026 Bryophytes video 1 minute, 35 seconds - Economic importance, of Algae and **Bryophytes**,.

BSc 2nd Semester Botany | Economic Importance of Bryophyta | - BSc 2nd Semester Botany | Economic Importance of Bryophyta | 4 minutes, 2 seconds - BSc 2nd Semester Botany | Economic Importance of Bryophyta

#bryophyta (Introduction)

• Bryophyta general ...

Economic Importance of Bryophytes - Economic Importance of Bryophytes 13 minutes, 44

seconds 007b68d1b5 Keyboard shortcuts 007b68d1b5 Plant Kingdom Class - 11 | Economic Importance of Bryophytes | Peat | Lecture -15 | NEET-2022 \u0026 2023 - Plant Kingdom Class - 11 | Economic Importance of Bryophytes | Peat | Lecture -15 | NEET-2022 \u0026 2023 13 minutes, 53 seconds - #PlantKingdom #Class11NCERT #Bryophytes\n\nHello Students,\n\nIn this video I will be discussing chapter Plant Kingdom which is ... 007b68d1b5 Subtitles and closed captions 007b68d1b5 Economic Importance of Bryophytes | Bryophytes in Tamil (11) | PG TRB Botany Course - Economic Importance of Bryophytes | Bryophytes in Tamil (11) | PG TRB Botany Course 21 minutes - Learn all about **Economic Importance of Bryophytes**, in tamil with this informative video from our PG TRB Botany Online Course. 007b68d1b5 Economic Importance of Bryophytes | B.Sc.1st year |M.Sc. Sem - 1|Ecological importance of bryophytes - Economic Importance of Bryophytes | B.Sc.1st year |M.Sc. Sem - 1|Ecological importance of bryophytes 22 minutes - This video is about **economic importance of bryophytes**,. 0:00-1:27 - Introduction 1:28-8:15 - Use of Sphagnum and Peat ... 007b68d1b5 Introduction: · The bryophytes, also called as liliputians amongst land plants, have show their economic importance, since stone age when pre-historic man has made uses of feather moss (*Neckera crispa*). • In modern age, these liliputians have attracted environmentalists, botanists, industrialists, horticulturists and pharmacists only because of their economic values. 007b68d1b5 Economic Importance of Bryophytes as medicines, food #bscbotany #bryophytes #1stsemesterexam - Economic Importance of Bryophytes as medicines, food #bscbotany #bryophytes #1stsemesterexam 17 minutes - Economic Importance of Bryophytes as medicines, food, packing materials, fuel, sphagnum, peat\n\nJoin our Telegram group ☞https ... 007b68d1b5 ☞ Economic \u0026 Ecological Importance of Bryo, Pterido, Gymno \u0026 Angio | Botany / BSc Notes - ☞ Economic \u0026 Ecological Importance of Bryo, Pterido, Gymno \u0026 Angio | Botany / BSc Notes 12 minutes, 37 seconds - In this video, we will learn the **Economic**, and Ecological **Importance**, of the four main groups of plants : ✓ **Bryophytes**, – **Uses**, in fuel ... 007b68d1b5 Search filters 007b68d1b5 economic importance of bryophytes | plant kingdom | malayalam | plus one | class 11 - economic importance of bryophytes | plant kingdom | malayalam | plus one | class 11 5 minutes, 2 seconds - economic importance of bryophytes, #NEET #bryophytes CHAPTER 3 PLANT KINGDOM part 1 :- artificial system of classification ... 007b68d1b5 Bog succession: · The formation of forest from pond ecosystem is called bog succession. . Mosses play an important role in bog succession from open water to climax forest. • The peat mosses form thick mats on the bank of ponds, lakes and other shallow bodies of water. appearance of solid soil these areas are called quaking bogs. • The thick moss mat forms a suitable substratum for the germination of seeds of hydrophytic plants. The mosses play a vital role in changing the landscape. 007b68d1b5 Moss gardens and use in experimental botany 007b68d1b5 Economic importance: Bryophytes as a source of food: 1. Bryophytes are used as a human food. . Sphagnum (peat moss) as a wretched food in barbarous countries. Peat moss is used as a famine food in china. S phagnum is used as an ingredient in the preparation of bread by Laplanders. There are however, examples of animals useful to man which used bryophytes as a food source • Moss capsules of *Bryum* and *polytrichum* constitute the chief diet of the Norwegian grouse chicks. The 007b68d1b5 These plants grow in shallow waters of lakes, streams and springs which contain large amount of calcium carbonate. . The insoluble calcium carbonate precipitates, on exposure forming calcareous (lime) rock - lime deposits around these plants. These rock deposits are used as building stones. 12. Domestic uses: *Dicranum elongate* and *Racomitrium lanuginosum* are used for lamp wicks. 007b68d1b5 Economic

and Ecological Importance of Bryophytes - Plant Science Forum - Economic and Ecological Importance of Bryophytes - Plant Science Forum 9 minutes, 6 seconds 007b68d1b5

Bryophyta Economic Importance || Economic Importance Of Bryophyta || Bsc Semester || By Dadhich Sir - Bryophyta Economic Importance || Economic Importance Of Bryophyta || Bsc Semester || By Dadhich Sir 8 minutes, 5 seconds - Bryophyta Economic Importance ||

**Economic Importance Of Bryophyta**, || Bsc 1st Semester || By Dadhich Sir Join this channel to ... 007b68d1b5 Playback 007b68d1b5 Intro 007b68d1b5 Economic importance of bryophytes \u0026 Ecological importance of bryophytes bsc 1st year 2nd semester□□ - Economic importance of bryophytes \u0026 Ecological importance of bryophytes bsc 1st year 2nd semester□□ 27 minutes - Economic importance of bryophytes \u0026 Ecological importance of bryophytes bsc 1st year 2nd semester unit 1 □□ ZB Batch ... 007b68d1b5

erpenoids are Pollution indicators: Sphagnum can absorb and store metals from the atmosphere. So they are used as atmospheric and aquatic pollution indicators and in mineralogical surveys. 9. As aids in soil conservation: The mosses prevent sheet erosion of soil. This thick moss carpet serves a two fold function. Firstly it bears the impact of the falling rain drops and secondly it holds much of the water that falls. 007b68d1b5 Economic important of Bryophytes - Economic important of Bryophytes 19 minutes - Bsc. Sem-3. 007b68d1b5 Bryophytes as food , Household uses 007b68d1b5 Medicinal use: . Some bryophytes have medicinal properties. Marchantia polymorpha is used to cure tuberculosis and liver diseases. • The extracts of M. polymorpha, M. stellate and polytrichum have antitumor properties. . The decoction of dried sphagnum is for acute haemorrhage and eye diseases. Tea made of polytrichum commune helps to dissolve commune stones of kidney and gall bladder. • Peat tar, one of the by product of peat, has antiseptic properties and is used as a preservative. • A distilled peat tar know as sphagnol has been effectively used in the treatment of skin diseases 007b68d1b5 Bryophytes Economic Importance | Bryophytes Economic Importance | Jr Botany | Plant Kingdom - Bryophytes Economic Importance | Bryophytes Economic Importance | Jr Botany | Plant Kingdom 7 minutes, 51 seconds - Bryophytes Economic Importance \nJr Botany \nPlant Kingdom \n□□□□□□□□□□ 007b68d1b5

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