



Assam Agricultural University
অসম কৃষি বিশ্ববিদ্যালয়

Dr. T.P.Saikia
Chief Scientist

**AAU-Sugarcane, Medicinal and
Aromatic Plants Research Station**

**Buralikson, P.O. Baruabamun Gaon
Pin: 785618, Dist. Golaghat Assam**

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No. AAU/SMAPRS/BLN/G-16/2026-27/ 646

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To

The District Commissioner
Golaghat, Assam

Sub: Information on the AAU-Sugarcane, Medicinal & Aromatic Plants Research Station,
Buralikson, Golaghat in the district website – reg.

Madam,

With reference to the subject cited above, I would like to inform you that the Sugarcane Research Station, AAU, Buralikson, Dist. Golaghat established in 1970, which was recently renamed as AAU-Sugarcane, Medicinal & Aromatic Plants Research Station, Buralikson, Dist. Golaghat, Pin-785618 operating under the administrative control of the Assam Agricultural University, Jorhat is the only research station on Sugarcane in the entire North East Region. The station has been implementing research projects sponsored by both the state govt. and the ICAR. The station is dealing with production oriented applied research relating to varietal testing and evaluation and crop management practices in Sugarcane. The research station has so far developed and recommended 8 (Eight) nos. of high yielding sugarcane varieties besides recommending many improved production technologies for the farmers. Some salient achievements of the research station are attached herewith for incorporation in the District Website for information of the public.

Enclo: As stated above

Yours faithfully,

(Dr. T.P.Saikia)

Chief Scientist

AAU-SMAPRS, Buralikson

Golaghat, Assam

Chief Scientist
AAU-Sugarcane, Medicinal and
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Buralikson, Golaghat-785618, Assam

**AAU-Sugarcane, Medicinal and Aromatic Plants Research Station
(AAU-SMAPRS), Buralikson, Golaghat-785618**

About the Centre

AAU-Sugarcane, Medicinal & Aromatic Plants Research Station, Buralikson (erstwhile Sugarcane Research Station) established in 1970 is situated 45 kilometers to the west of AAU headquarters at Jorhat. It is situated in the Golaghat district (Latitude 26.46°N, Longitude 94.12°E and altitude of 86.6 M above sea level), 15 km away from district headquarter, Golaghat and 12 km from Dergaon.

Buralikson and its nearby villages was the main GUR (Jaggery) supplier to 'Ahom Kingdom'. Therefore, this place has a historical importance. It is the only research station on sugarcane in the entire North East region. The station is implementing research projects sponsored by both the state govt. and the ICAR. It has the disciplines of Agronomy, Plant Breeding, Plant Pathology, Entomology, Soil Science and Plant Physiology. The research station occupies an area of 51.41 ha with two farm blocks, where Buralikson block occupies an area of 31.60 ha, Khonikar block occupies an area of 17.05 ha and Doria, natural rivulet occupies an area of 2.76 ha.

The AAU-SMAPRS, Buralikson cater to the agricultural research and development needs of the people of Assam as well as North East India. The centre is dealing with production oriented applied Research relating to varietal testing and evaluation, plant protection and crop management practices in Sugarcane. It has been manufacturing quality jaggery products besides supplying sugarcane planting materials (setts) to the sugarcane farmers and KVKs of Assam and NE Region, Sugar/Jaggery mills located at Lanka (Hojai district) and other research institutes of Assam and the North Eastern States.

Impact of Improved Sugarcane varieties developed and recommended by the centre:

The high yielding mid early sugarcane varieties viz. Dhanshiri (CoBln9605), Lohit (CoBln9104), Doiyang (CoBln02173), Doria (CoBln9101) and early varieties Borak (CoBln 9103), Kapilipar (CoBln90006), Nambor (CoBln 94063) and Kolong (CoBln9102) developed by this station has potential cane yield of 80-90 q/ha with sucrose content 18-19% and Jaggery recovery of 10-12% has been adopted by more than 60 percent farmers of Assam and helped the state for increasing the productivity of the crop and the jaggery production.

Recent initiatives of the Centre:

1. The station has recently started research on medicinal and aromatic plants of Northeast India.
2. Internship Programme of 20-25 days duration (60 credit hours) on Commercial essential oil production, Mushroom production, Apiculture, Lac cultivation, etc. for B.Sc and M.Sc students of the general colleges.
3. A Govt. of Assam sponsored project 'Establishment of Natural Farming and Organic Agriculture under R & D is being implemented.
4. A germplasm centre of medicinal plants has been set up under AYUSH for academic and research purpose.
5. Quality seed production of rice to cater the needs of the Golaghat and neighboring districts.
6. Production and marketing of essential oils from citronella and lemongrass.


Chief Scientist
AAU-Sugarcane, MAP
Research Station, Buralikson
Golaghat-785618, Assam



Fig.1. Sugarcane Experimental field

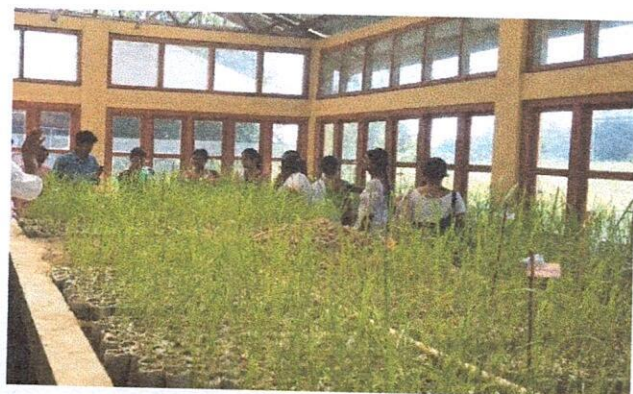


Fig.2. Seedlings raised from sugarcane fluffs



Fig.3. Cultivation of lemon grass



Fig. 4. Cultivation of Citronella

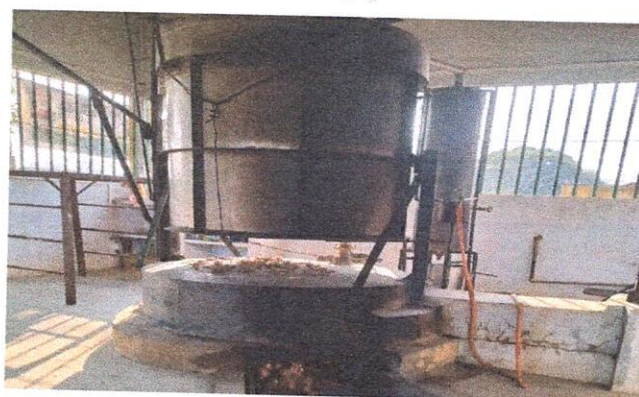


Fig. 5 Essential oil production unit

For More detail please contact:

The Chief Scientist

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