



KAMARAJ IAS ACADEMY
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Namoh 108

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Why is in news? Dr Jitendra Singh unveils new variety "Lotus" flower developed by Lucknow Institute CSIR-NBRI (National Botanical Research Institute): Named 'Namoh 108', the new Lotus has 108 petals

Union Minister of State (Independent Charge) Science & Technology unveiled the new variety "Lotus" flower **developed by Lucknow Institute CSIR-NBRI** (National Botanical Research Institute) that **has 108 petals**.

The lotus named 'NBRI Namoh 108' is **developed by the CSIR-National Botanical Research Institute** (NBRI), a premier plant-based, multidisciplinary, state-of-the-art National R&D center based **in Lucknow**.

The 'Namoh 108' lotus variety has been meticulously developed by NBRI scientists, who brought the original plant from Manipur for comprehensive research.

It became the first Lotus variety to have its entire genome sequenced, ensuring its longevity and protection from potential extinction.

Unlike its counterparts, the 'Namoh 108' lotus variety has exhibited **exceptional resilience to varying weather conditions**, showcasing its ability to bloom magnificently from March to December.

This prolonged flowering period significantly surpasses other lotus varieties that typically flourish for only 4-5 months.

The significance of this variety is further **accentuated by its religious connotations** and the revered number '108'.

'NBRI-Nihar' variant of Aloe Vera:

The CSIR-NBRI introduced another remarkable achievement – the 'NBRI-Nihar' variant of Aloe Vera.

This exceptional type showcases an **astounding 2.5-fold increase in gel yield compared to traditional Aloe vera** plants.

Remarkably, it also displays **formidable resistance to bacterial and fungal ailments**, rendering it an ideal choice for cultivation and research pursuits.

Complementing these botanical triumphs, CSIR-NBRI launched two herbal products alongside the 'NBRI-Nihar' Aloe vera variant.

The 'Herbal Cold Drops' offer respite from common cough and cold ailments, while the 'Herbal Anti-Dandruff Shampoo' provides a natural solution for nurturing scalp health.

These offerings underscore CSIR-NBRI's holistic approach to promoting well-being through nature's bounty.

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