

# MACS 1407

April 30, 2021

**Inn News:** Indian scientists have developed a high-yielding and pest-resistant variety called MACS 1407 from soybean .

## MACS 1407

- MACS 1407 is suitable for cultivation in Assam, West Bengal, Jharkhand, Chhattisgarh and north-eastern states.
- New seeds will be made available to farmers for sowing during the 2022 Kharif season.
- Scientists from MACS- Agharkar Research Institute, Pune, in collaboration with Indian Council of Agricultural Research, New Delhi have developed this higher yielding varieties and improved practices for the cultivation of soybean.
- The new variety MACS 1407 gives 39 quintals per hectare and it is also resistant to major insects – pests like girdle beetle, leaf miner, white fly and defoliators.
- MACS 1407 requires an average of 43 days for 50 per cent flowering and takes 104 days to mature from the date of sowing.
- It has white coloured flowers, yellow seeds and black hilum. Its seeds have 19.81 percent oil content, 41 percent protein content and show good germinability.
- The variety is suitable for mechanical harvesting.
- It is suitable for rain-fed conditions of north- east India.