Rice Varieties of Assam



Introduction

The commercially grown rice in Assam is the *Oryza sativa* family, comprising of *Indica* rice race. Although there are some other race grown in a different countries and sub continents.

Indica – It is the major eco-geographical race of *Oryza sativa* grown in Assam. *Indica* has broad to narrow, light green leaves and tall to intermediate plant stature. *Indica* plants tiller profusely. Grains are long to short, slender, somewhat flat, and aweless.

Seasonal	Growing	Duration	Remarks
class*	season		
A. Ahu	March/April	80-130	Early maturing usually broadcast, grown under variable water depth
(Autumn rice)	to June		(0-25cm). In Barak valley, Ahu rice is further classified as Dumai, Murali and Chengri.
Dumai	-do-	80-90	Generally grown broadcast, Red kernelled
Murali	-do-	90-100	-do-
Chengri	-do-	90-100	-do-
Ahu (transplanted)	-do-	>100 Grown	Transplanted
B. Sali	June/July to	150-180	Photoperiod sensitive, long duration, grown transplanted under
(winter	Nov.Dec		variable water depth (0-30cm) There are sub classes like Sali, lahi and
rice)			<i>joha</i> based on the grain characteristics
Sali	-do-	150-180	Coarse grained called sail in Barak Valley
Lahi	-do-	150-180	Medium grained
Joha	-do-	150-180	Scented, fine grained
Boro	-do-	150-180	Glutinous or sticky rice, called birain in Barak valley
Chakuwa	-do-	150-180	Soft rice with low amylose content
Asra	April/May Dec./Jan	240-270	Medium deep-water rice, grown broadcast or transplanted in the low lying areas, can endure water depth<100 cm. Sown at the time of Ahu rice is sown and harvested at the time when <i>Sali</i> rice is harvested.
Bao	April/May Dec/Jan	270-300	Deep water or floating rice, normally grown broadcast, can endure water depth>100 cm. Sown at the time when <i>Ahu</i> rice is sown and harvested at the time when <i>Sali</i> rice is harvested.
C. Boro (Summer rice)	Nov May/June	180-200	Photoperiod insensitive, cold tolerant at the vegetative stage, grown transplanted, traditionally in the beel and marshy land situation with minimal or no tillage.
D. Hill Rice (Jhum)	Mar/April to Sep/Oct.	210-250	Photoperiod insensitive. Grown in hills slope as direct seeded.





Assam Agribusiness and Rural Transformation Project (APART) The World Bank is the funding agency of APART

Department of Agriculture, Assam is the nodal department for implementation of APART ARIAS Society is the State Level coordinating and monitoring agency for APART Assam Agricultural University is the leading Agricultural University of the State and implementing around 6 AURT_impacting research and crigatifie runnert.

The opinions expressed in this publication are those of the authors. They do not purport to reflect the opinions or views of the IRRI. Attribution – Non Commercial-ShareAlike 3.0 (Unported)