

Rice Varieties of Assam



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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 class*	Growing season	Duration	Remarks
A. Ahu (Autumn rice)	March/April to June	80-130	Early maturing usually broadcast, grown under variable water depth (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 (winter rice)	June/July to Nov./Dec	150-180	Photoperiod sensitive, long duration, grown transplanted under variable water depth (0-30cm) There are sub classes like <i>Sali</i> , <i>lahi</i> and <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.