





## Season and Varieties :: Rice

**RICE (*Oryza sativa* L.)****Rice Seasons of Tamil Nadu**

Month of sowing	Season	Duration (Days)	Districts
Dec - Jan	Navarai	< 120	Tiruvallur, Vellore, Tiruvannamalai, Cuddalore, Villupuram, Tiruchirapalli, Perambalur, Karur, Nagapattinam, Madurai, Theni, Salem, Namakkal, Dindigul, Dharmapuri, Coimbatore, Erode, Pudukkottai.
Apr - May	Sornavari	< 120	Tiruvallur, Vellore, Tiruvannamalai, Cuddalore, Villupuram, Namakkal, Dharmapuri
Apr - May May - June	Early Kar Kar	< 120	Tirunelveli, Kanyakumari, Thoothukudi, Erode, Coimbatore, Madurai, Theni, Dindigul, Salem, Namakkal, Dharmapuri
June - July	Kuruvai	< 120	Tiruchirapalli, Perambalur, Karur, Thanjavur, Nagapattinam, Tiruvarur, Pudukkottai, Erode
August	Samba	> 145	Thanjavur, Tiruvarur, Nagapattinam, Mayiladuthurai, Tiruchirapalli, Cuddalore, Pudukkottai, Ariyalur, Villupuram, Kanyakumari,
Sep - Oct	Late Samba Thaladi Pishanam	130 - 135	All Rice Growing Districts of Tamil Nadu
Oct - Nov	Late Thaladi & Late Pishanam	130 - 140 / 120 - 130	Thanjavur, Tiruvarur, Nagapattinam, Mayiladuthurai, Tiruchirapalli, Ariyalur, Perambalur, Cuddalore, Karur, Madurai, Theni, Dindigul, Kanyakumari, Tirunelveli, Thoothukudi

**Season and Varieties (Please Click, each variety for more details under Cauvery Delta Zone)**

Zone District / Season	Month	Varieties
<b>1. Cauvery Delta Zone</b>		
<b>a. Thanjavur / Tiruvarur</b>		
Kuruvai	June - July	ADT36, ADT37, ADT43, ADT(R)45, ADT53, ADT55, ADT56, ADT57, CO51, CO54, CO55, TPS5, MDU6, ASD16, ASD21, TRY5*
Samba	August	ADT51, ADT52, CR1009, CR1009 Sub1, TRY3*
Late Samba / Thaladi	Sep - Oct	ADT38, ADT39, ADT46, ADT54, ADT58, CO43, CO43 sub1, CO50, CO52, CO56, CO57, Improved White Ponni, TKM13, TRY3*, TRY4*, IR20, CORH4
Navarai	Dec - Jan	ADT36, ADT37, ADT43, ADT(R)45, ADT53, ADT55, ADT56, ADT57, CO51, CO54, CO55, TPS5, MDU6, ASD16, ASD21, TRY 5*
<b>b. Nagapattinam / Mayiladuthurai</b>		
Kuruvai	July	ADT36, ADT37, ADT43, ADT(R)45, ADT53, ADT55, ADT56, ADT57, CO51, CO54, CO55, TPS5, MDU6, ASD16, ASD21, TRY5
Samba - Transplanted and Semi dry cultivation (Normal sowing)	August	ADT51, ADT52, CR1009 Sub1
Late Samba / Thaladi - Transplanted and Semi dry or wet direct seeding cultivation (Delayed Sowing)	September	ADT38, ADT39, ADT46, ADT54, ADT58, CO43, CO43 sub1, CO50, CO52, CO56, CO57, Improved White Ponni, TKM13, TRY3, IR20, TRY4, CORH4

Navarai	Dec - Jan	ADT36, ADT37, ADT43, ADT(R)45, ADT53, ADT55, ADT56, ADT57, CO51, CO54, CO55, TPS5, MDU6, ASD16, ASD21, TRY5
<b>c. Tiruchirapalli / Ariyalur / Perambalur / Karur</b>		
Kuruvai	June - July	ADT36, ADT37, ADT43, ADT(R)45, ADT53, ADT55, ADT56, ADT57, CO51, CO54, CO55, TPS5, MDU6, ASD16, ASD21, TRY5
Samba / Thaladi	Aug - Sep	ADT38, ADT39, ADT46, ADT51, ADT52, ADT54, ADT58, CR1009 <i>Sub1</i> , TRY 3*, CO43, CO43 <i>sub1</i> , CO50, CO52, CO56, CO57, Improved White Ponni,
Navarai	Dec - Jan	ADT36, ADT37, ADT43, ADT(R)45, ADT53, ADT55, ADT56, ADT57, CO51, CO54, CO55, TPS5, MDU6, ASD16, ASD21, TRY5
<b>II. North Eastern Zone</b>		
<b>a. Kanchipuram / Thiruvallur</b>		
Sornavari	April - May	ADT36, ADT37, ADT43, ADT(R)45, ADT53, ADT55, ADT56, ADT57, CO51, CO54, CO55, TPS5, MDU6, ASD16, ASD21, TRY5
Samba	Aug - Sep	ADT38, ADT39, ADT(R)46, ADT54, ADT58, TKM13, VGD1, Improved White Ponni, CO43, CO(R)50, CO52, CO56, CO57, TRY3, IR20, CORH4
Navarai	Dec - Jan	ADT36, ADT37, ADT43, ADT(R)45, ADT53, ADT55, ADT56, ADT57, CO51, CO54, CO55, TPS5, MDU6, ASD16, ASD21, TRY5
Rainfed direct seeded and Semi-dry	July - Aug	TKM11, TKM12, TKM15, PMK3, Anna(R)4, CO53, ADT36, ADT37, ADT45, ADT56, ADT57, CO54, CO55, MDU6, TRY5
<b>b. Vellore/Tiruvannamalai</b>		
Sornavari	April - May	ADT36, ADT37, ADT43, ADT(R)45, ADT53, ADT55, ADT56, ADT57, CO51, CO54, CO55, TPS5, MDU6, ASD16, ASD21, TRY5
Samba	Aug - Sep	ADT38, ADT39, ADT(R)46, ADT54, ADT58, TKM13, VGD1, Improved White Ponni, CO43, CO(R)50, CO52, CO56, CO57, TRY3, IR20, CORH4
Navarai	Dec - Jan	ADT36, ADT37, ADT43, ADT(R)45, ADT53, ADT55, ADT56, ADT57, CO51, CO54, CO55, TPS 5, MDU6, ASD16, ASD21 TRY5
<b>C. Cuddalore/ Villupuram</b>		
Sornavari	April - May	ADT36, ADT37, ADT43, ADT(R)45, ADT53, ADT55, ADT56, ADT57, CO51, CO54, CO55, TPS5, MDU6, ASD16, ASD21, TRY5
Samba	Aug - Sep	ADT51, ADT52, CR1009 <i>Sub1</i> , CO50, TRY3
Late Samba / Thaladi	Sep - Oct	ADT38, ADT39, ADT46, ADT54, ADT58, CO43, CO(R)50, CO52, CO56, CO57, TKM13, VGD1, Improved White Ponni, TRY3, IR20, CORH 4
Navarai	Dec - Jan	ADT36, ADT37, ADT43, ADT(R)45, ADT53, ADT55, ADT56, ADT57, CO51, CO54, CO55, TPS5, MDU6, ASD16, ASD21, TRY5
<b>III. Western Zone</b>		
<b>a. Coimbatore / Tirupur / Erode / Non Delta regions of Karur</b>		
Kar	May - June	ADT36, ADT37, ADT43, ADT(R)45, ADT53, ADT55, ADT56, ADT57, CO51, CO54, CO55, TPS5, MDU6, ASD16, ASD21, TRY5
Samba	Aug - Sep	ADT38, ADT39 ,ADT(R)46, ADT54, ADT58, CO43, CO(R)50, CO52, CO56, CO57, TKM13, VGD1, Improved White Ponni, CORH 4
Navarai	Dec - Jan	ADT36, ADT37, ADT43, ADT(R)45, ADT53, ADT55, ADT56, ADT57, CO51, CO54, CO55, TPS5, MDU6, ASD16, ASD21, TRY5
<b>b. Non-Delta regions of Karur / Perambalur / Ariyalur</b>		
Kuruvai	Jun - Jul	ADT36, ADT37, ADT43, ADT(R)45, ADT53, ADT55, ADT56, ADT57, CO51, CO54, CO55, TPS5, MDU6, CORH3, ASD16, ASD21, TRY5

Samba	Aug	ADT 50, ADT51, CR1009, CR1009Sub1
Late Samba / Thaladi	Sep - Oct	ADT38, ADT39, ADT(R)46, ADT54, ADT58, CO43, CO(R)50, CO52, CO56, CO57, TKM13, VGD1, Improved White Ponni, CORH 4
Navarai	Dec - Jan	ADT36, ADT37, ADT43, ADT(R)45, ADT53, ADT55, ADT56, ADT57, CO51, CO54, CO55, TPS5, MDU6, CORH3, ASD16, ASD21, TRY5
<b>IV. North Western Zone</b>		
<b>a. Salem / Namakkal</b>		
Kar	May - Jun	ADT36, ADT37, ADT43, ADT(R)45, ADT53, ADT55, ADT56, ADT57, CO51, CO54, CO55, TPS5, MDU6, ASD16, ASD21, TRY5
Samba	Aug	ADT38, ADT39, ADT(R)46, ADT54, ADT58, CO43, CO(R)50, CO52, CO56, CO57, TKM13, VGD1, Improved White Ponni, CORH4
Navarai	Dec - Jan	ADT36, ADT37, ADT43, ADT(R)45, ADT53, ADT55, ADT56, ADT57, CO51, CO54, CO55, TPS5, MDU6, CORH3, ASD16, ASD21, TRY5
<b>b. Dharmapuri / Krishnagiri</b>		
Kar	May - Jun	ADT36, ADT37, ADT43, ADT(R)45, ADT53, ADT55, ADT56, ADT57, CO51, CO54, CO55, TPS5, MDU6, ASD16, ASD21, TRY5
Samba	Aug	ADT38, ADT39, ADT(R) 46, ADT54, CO43, CO(R)50, CO52, TKM13, VGD1, Improved White Ponni, CORH4
Navarai	Dec - Jan	ADT36, ADT37, ADT43, ADT(R)45, ADT53, ADT55, ADT56, ADT57, CO51, CO54, CO55, TPS5, MDU6, ASD16, ASD21, TRY5
<b>V. High Altitude zone</b>		
<b>a. The Nilgiris</b>		
Samba	May - Jun	ADT36, ADT37, ADT43, ADT(R)45, ADT(R)47, ASD16, ASD21, MDU5, CO47, CO(R)50, CORH4
<b>VI. Southern zone</b>		
<b>a. Pudukottai</b>		
Kuruvai	Jun - Jul	ADT36, ADT37, ADT43, ADT(R)45, ADT53, ADT55, ADT56, ADT57, CO51, CO54, CO55, TPS5, MDU6, ASD16, ASD21, TRY 5*
Samba	Aug	ADT51, ADT52, CR1009, CR1009Sub1, TRY3*
Late Samba / Thaladi	Sep - Oct	ADT38, ADT39, ADT46, ADT54, CO43, CO43sub1, CO50, CO52, Improved White Ponni, TKM13, TRY3*, TRY4*, IR20, CORH 4
Rainfed direct seeded/ Semi dry	Aug	CR1009Sub1, CR1009, ADT39, ADT51, ADT54, CO52, CO50, TKM13, Improved White Ponni, IR 20
Delta regions	Sep - Oct	ADT38, ADT39, ADT46, ADT54, CO50, CO52, TKM13, Improved White Ponni, TRY3*
Salt Affected Areas		TRY1, TRY2, TRY 3, CO43
<b>b. Madurai/Dindigul/Theni</b>		
Kar	May - Jun	ADT36, ADT37, ADT43, ADT(R)45, ADT53, ADT55, ADT56, ADT57, CO51, CO54, CO55, TPS5, MDU6, ASD16, ASD21, TRY5*
Samba/ Late Samba	Aug - Sep	ADT39, ADT38, ADT46, ADT54, CO52, CO50, CO43, CO43 sub1, Improved White Ponni, TKM13, TRY3*, TRY 4*, IR20, CORH4
Navarai	Dec - Jan	ADT36, ADT37, ADT43, ADT(R)45, ADT53, ADT55, ADT56, ADT57, CO51, CO54, CO55, TPS5, MDU6, ASD16, ASD21, TRY 5*
Semi-dry	Jul - Aug	Anna(R)4, PMK(R)3, TKM15, CO53, AD45
<b>c. Ramanathapuram</b>		
Samba	Aug	ADT38, ADT39, ADT46, ADT54, CO43, CO43 sub1, CO50, CO52, Improved White Ponni, TKM13, TRY3*, TRY4*, IR20, CORH 4

Rainfed direct seeded & Semi-dry	Jul - Aug	ADT36, TKM(R)12, TKM15, PMK(R)3, CO53
<b>d. Virudhunagar</b>		
Samba	Aug	ADT38, ADT39, ADT46, ADT54, CO43, CO43 <i>sub1</i> , CO50, CO52, CO56, CO57, Improved White Ponni, TKM13, TRY3*, TRY 4*, IR20, CORH4
Rainfed direct seeded & Semidry	Jul - Aug	Anna (R) 4, MDU5, MDU6, PMK (R) 3, CO53, TKM15, ADT45
<b>e. Sivaganga</b>		
Semi-dry	Jul - Aug	Anna (R) 4, MDU5, MDU6, PMK (R) 3, CO53, TKM15, ADT45
<b>f. Tirunelveli, Thoothukudi</b>		
Early kar	Apr - May	ADT36, ADT37, ADT43, ADT(R)45, ADT53, ADT55, ADT56, ADT57, CO51, CO54, CO55, TPS5, MDU 6, ASD 16, ASD21, TRY 5*
Kar	May - Jun	ADT36, ADT37, ADT43, ADT(R)45, ADT53, ADT55, ADT56, ADT57, CO51, CO54, CO55, TPS5, MDU6, ASD16, ASD21, TRY5*
Pishanam/Late Pishanam	Sep - Oct	ADT38, ADT39, ADT46, ADT54,TPS3, CO43, CO43 <i>sub1</i> , CO50, CO52, CO56, CO57, Improved White Ponni, TKM13, TRY3*, TRY4*, IR20, CORH 4
<b>VII. High Rainfall zone</b>		
<b>a. Kanyakumari</b>		
Kar	May - Jun	ADT36, ADT37, ADT43, ADT(R)45, ADT53, ADT55, ADT56, ADT57, CO51, CO54, CO55, TPS5, MDU6, ASD16, ASD21, TRY5*
Pishanam/Late Pishanam	Sep - Oct	TPS3, ADT38, ADT39, ADT46, ADT54, CO43, CO43 <i>sub1</i> , CO50, CO52, CO56, CO57, Improved White Ponni, TKM13, TRY3*, TRY4*, IR 20, CORH 4
Semi-dry	Jul - Aug	Anna(R)4, MDU5, MDU6, PMK(R)3, CO53, TKM15, ADT45

*\* suitable for salt affected soils*

**Note of Caution of the varieties:** IR 50 and ADT43 are recommended for Kar, Sornavari and Kuruvai seasons and should not be grown during cold weather period. Improved White Ponni is also susceptible to blast and care should be taken on plant protection measures. All samba/late samba season varieties are likely to get infected with false smut and hence prophylactic spraying has to be adopted.