

Supplementary Table 1. The dates of crop cultivation and management.

Activities	First season (wet season)		Second season (dry season)	
	Date (DAT)	Treatment	Date (DAT)	Treatment
Incorporation with crop residue	31/07/15 (-30)	All	22/01/16 (-30)	All
Incorporation with biochar	10/08/15 (-20)	All except CTC, CTA	-	-
Incorporation with compost	10/08/15 (-20)	BCC, BCA	01/02/16 (-20)	BCC, BCA
Seedling preparation	15/08/15 (-15)	All	06/02/16 (-15)	All
Harrow plowing	29/08/15 (-01)	All	20/02/16 (-01)	All
Rice transplanting	30/08/15 (-00)	All	21/02/16 (-00)	All
Basal fertilizer	19/09/15 (20)	CTC, CTA, BFC, BFA	12/03/16 (20)	CTC, CTA, BFC, BFA
Top dressing fertilizer	29/10/15 (60)	CTC, CTA, BFC, BFA	21/04/16 (60)	CTC, CTA, BFC, BFA
Pregnant beginning observed	01/11/15 (63)	CTC, CTA, BFC, BFA	23/04/16 (62)	CTC, CTA, BFC, BFA
	07/11/15 (69)	BCC, BCA	27/04/16 (66)	BCC, BCA
	09/11/15 (71)	BIC, BIA	31/05/16 (70)	BIC, BIA
Flowering beginning observed	06/11/15 (68)	CTC, CTA, BFC, BFA	28/04/16 (67)	CTC, CTA, BFC, BFA
	13/11/15 (75)	BCC, BCA	03/05/16 (73)	BCC, BCA
	14/11/15 (76)	BIC, BIA	05/05/16 (75)	BIC, BIA
100% panicle production	25/11/15 (87)	CTC, CTA, BFC, BFA	17/05/16 (86)	CTC, CTA, BFC, BFA
	28/11/15 (90)	BCC, BCA	21/05/16 (90)	BCC, BCA
	30/11/15 (92)	BIC, BIA	23/05/16 (92)	BIC, BIA
Dried field allowing to harvest	04 /12/15 (96)	CTC, CTA, BFC, BFA	28/05/16 (97)	CTC, CTA, BFC, BFA
	08/12/15 (100)	BCC, BCA	01/06/16 (101)	BCC, BCA
	09/12/15 (101)	BIC, BIA	03/06/16 (103)	BIC, BIA
Harvesting	18/12/15 (110)	CTC, CTA, BFC, BFA	11/06/16 (111)	CTC, CTA, BFC, BFA
	23/12/15 (115)	BCC, BCA	16/06/16 (116)	BCC, BCA
	24/12/15 (116)	BIC, BIA	18/06/16 (118)	BIC, BIA