

Long table mixing with portrait and landscape

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1 Page display modes and table formatting hacks

1.1 Page display modes: portrait and landscape

- to get every pages in landscape mode, add: `classoption: landscape` to the yml header.
- `\blandscape` and `\elandscape` commands come from modifications of command in `pdfscape` package.
- use L^AT_EX `pdfscape` package instead of `lscape` package to get automatically rotated view of landscape pages in pdf viewer.

Portrait page

##	speed	dist
##	Min. : 4.0	Min. : 2
##	1st Qu.:12.0	1st Qu.: 26
##	Median :15.0	Median : 36
##	Mean :15.4	Mean : 43
##	3rd Qu.:19.0	3rd Qu.: 56
##	Max. :25.0	Max. :120

Landscape page

##	speed	dist
##	Min. : 4.0	Min. : 2
##	1st Qu.:12.0	1st Qu.: 26
##	Median :15.0	Median : 36
##	Mean :15.4	Mean : 43
##	3rd Qu.:19.0	3rd Qu.: 56
##	Max. :25.0	Max. :120

1.2 xtable: default and sideways table environments

- using sideways table environment requires `rotating` package to be used in latex preamble.

Portrait table using `xtable` without sideways table environment is shown in Table 1.

	speed	dist
1	Min. : 4.0	Min. : 2
2	1st Qu.:12.0	1st Qu.: 26
3	Median :15.0	Median : 36
4	Mean :15.4	Mean : 43
5	3rd Qu.:19.0	3rd Qu.: 56
6	Max. :25.0	Max. :120

Table 1: Portrait table

Landscape table using `xtable` with sideways table environment is shown in Table 2.

1.3 xtable workaround for landscape and portrait tables in same page

Portrait table is shown in 3.

Landscape table is shown in 4.

1.4 Long table with footnotes using `knitr::kable()`

Long table formatted with footnote marks in the table using `knitr::kable()` is shown in Table 5.

Table 5: A summary of check varieties used in the study

Characteristics	Tilottama ¹	Bhrikuti ²	Gautam ³	Aditya ⁴
Year	2014	1994	2002	2010
Breeding program	Nepal Agriculture Research Council	Nepal Agriculture Research Council	Nepal Agriculture Research Council	Nepal Agriculture Research Council
Synonym	NL 1073; NL1073; NL-1073; FRANKOLIN; FRANKOLIN		BL 1887; BL-1887, BL1887	
Growth Habit	Spring	Spring	Spring	Spring
Variety Type	Bread Wheat	Bread Wheat	Bread Wheat	Bread Wheat
Semidwarf (Rht gene)	Yes	Yes	Yes	
Grain color				White grain
Grain hardness				
Pedigree	WAXWING*-2/VIVITSI	CONTESTAD-O/COCORAQUE F 75/3/POLLO//F-URY/ANAHUAC F	SIDDHARTHA/NG 8319//NL 297 or SIDHHARTHA/NG 8319//NL 297	GS348/NL746//NL748

¹<http://wheatatlas.org/varieties/detail/26413>

²<http://wheatatlas.org/varieties/detail/22378>

³<http://wheatatlas.org/varieties/detail/22383>

⁴<http://wheatatlas.org/varieties/detail/22373>

Selection history	NL 623 FR 2308-2F-1F-0F		NC 1838-4B-020B-020B-2B-0B	
CID (Cross ID)	251774			
SID (Selection ID)	0			
Origin	Advanced line from CIMMYT	Advanced line from CIMMYT	Cross made in the country, one CIMMYT parent	Cross made in the country, no CIMMYT parents
CIMMYT breeding line	FRANCOLIN			
Genes				
Selection Code	Line from CIMMYT, further local selection within country			
Ug99	Yes	No	No	No
Stem Rust	Yes			
Yellow Rust	Yes			
Leaf Rust	Yes			
ME1		Spring Wheat	Spring Wheat	Spring Wheat
ME2		Spring Wheat	Spring Wheat	
ME3				
Production Conditions	Irrigated and semi-irrigated areas of Terai and inner Terai		Irrigated, both normal and late sown condition of whole Terai, Taar and foot-hills (<500 m); maturity 105-115; potential yield - 5t/ha	Terai, Tars and Lower Valleys up to 500 masl; maturity 118 days, yield potential 4.8 t/ha
Suitable megaenvironments	ME1	ME1 , ME5	ME1 , ME5	ME1
Notes	Resistant to spot blotch. High tillering. Early maturing, stay green, excellent for bread and chapati.			
Cultivated area	153,055 (2011/12)		38263 (2011/12)	

1.5 Long table with footnotes using panodoc (default) syntax

Four check varieties (Described in Table 6), released at different periods, adapted to a range of environmental conditions in Nepal were included alongside in the study.

Table 6: A summary of check varieties used in the study

	Aditya ⁵	Bhrikuti ⁶	Gautam ⁷	Tilottama ⁸
Year released	2010	1994*	2002	2014

	Aditya ⁹	Bhrikuti ¹⁰	Gautam ¹¹	Tilottama ¹²
Synonym	HD-2781*	NL-623*	BL-1887; NC-1838-4B-020B-020B-2B-0B*	NL 1073; NL1073; NL-1073; FRAN-COLIN; FRANKOLIN
Wheat type	Bread	Bread	Bread	Bread
Semidwarf (Rht gene)	No Info	Yes	Yes	Yes
Grain color	White grain	Unknown	Unknown	Unknown
Grain hardness	Unknown	Unknown	Unknown	Unknown
Pedigree	GS348/NL BOBWHITE 306/C-591/HW-2004*	CONTESTAI F 75/3/POLLO F 75; CLEMENT/C 75/3/POLLO 75*	SIDDHAR 8319//NL 297 or SID-HHARTH 8319//NL 297	WAXWING*2/VIVITSI
Selection history	HD-2781*	NL 623 FR 2308-2F-1F-0F; NL-623*	NC 1838-4B-020B-020B-2B-0B	CGSS-01-B-00056T-099Y-099M-099M-099Y-099M-14Y-0B*
Breeding program	Nepal Agriculture Research Council(N.	NARC	NARC	NARC
CID (Cross ID)		251774		
Accession number		K-63729*		
SID (Selection ID)		0		
Origin	Cross made in the country, no CIM-MYT parents	Advanced line from CIMMYT	Cross made in the country, one CIM-MYT parent	Advanced line from CIMMYT

	Aditya ⁹	Bhrikuti ¹⁰	Gautam ¹¹	Tilottama ¹²
CIMMY				FRANCOLIN
breed- ing line				
Genes	Sr2*; no- Lr34*; Glu- A1b*,Glu- B1i*,Glu- D1a*	Lr34*; Glu- A1b*,Glu- B1i*,Glu- D1a*		Sr2+
Suitable megaenv	ME1	ME1, ME5	ME1, ME5	
Notes	Terai, Tars and Lower Valleys up to 500 500 masl; matu- rity 118 days, yield po- tential 4.8 t/ha		Irrigated, both normal and late sown condi- tion of whole Terai, Taar and foot- hills (<500 m); ma- turity 105-115; poten- tial yield - 5t/ha	Resistant to spot blotch. High tillering. Early maturing, stay green, excellent for bread and chapati.
Resistar to Ug99 rust	No	No	No	Yes(including to Stem, Yellow and Leaf)
Approxi acer- age vari- ety grown	38,263(201 12)	153,055(2011- 12)		

	speed	dist
1	Min. : 4.0	Min. : 2
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Table 2: Landscape table

	speed	dist
1	Min. : 4.0	Min. : 2
2	1st Qu.:12.0	1st Qu.: 26
3	Median :15.0	Median : 36
4	Mean :15.4	Mean : 43
5	3rd Qu.:19.0	3rd Qu.: 56
6	Max. :25.0	Max. :120

Table 3: Portrait table

	speed	dist
1	Min. : 4.0	Min. : 2
2	1st Qu.:12.0	1st Qu.: 26
3	Median :15.0	Median : 36
4	Mean :15.4	Mean : 43
5	3rd Qu.:19.0	3rd Qu.: 56
6	Max. :25.0	Max. :120

Table 4: Landscape table