## L. P. Yuan (China National Hybrid Rice R & D Center)

Supe	r Rice	Breedi	ng Pro	gram
Yield s	standard o	of the Sup	er Rice ir	n China
Phase	Hybrid Rice			
	Early season indica	Single season rice	Late season indica	Yield increase
Present level	7.50	8.25	7.50	0
Phase I 1996- 2000	9.75	10.50	9.75	over 20%
Phase II 2001- 2005	11.25	12.00	11.25	over 40%
* Tons/ha at 2	locations with	6.7 ha each in	n 2 consecutiv	e years.























## A. Morphological Improvement

## Plant type of Super Hybrid Rice

- > Tall erect-leaf canopy
- Lower panicle position
- Bigger panicle size





























Plant neight (cm)	Number of spikelets /panicle	Number of spikelets /plant	Seed setting rate %	Actual yield (kg/ha)
120	269.4	1779.4	54.0	8250
89	102.6	800.3	92.9	8625
34.8	162.8	122.4	-41.9	-4.3
	neight (cm) 120 89 34.8	spinceets /panicle   120 269.4   89 102.6   34.8 162.8	spikelets spikelets spikelets   /panicle /plant   120 269.4 1779.4   89 102.6 800.3   34.8 162.8 122.4	splicetets splicetets splicetets splicetets splicetets rate rate splicetets rate splicetets splicetets rate splicetets rate splicetets splicetets rate splicetets splic













## Conclusion

Accelerating the development of super hybrid rice worldwide will play a key role for food security and world peace.

