



# **Dr. Chen Shiaojiang**

**National Maize Improvement Center of China**

**China Agricultural University**

**Will present a seminar titled**

***“Corn Improvement in China”***

**Tuesday, March 8, 2011**

**3:00 p.m.**

**W-121 Turner Hall, 1102 S. Goodwin,  
Urbana, IL**

# **47<sup>th</sup> ILLINOIS CORN BREEDER'S SCHOOL**

**One more than the Super Bowl**

**Can we make it to 50?**

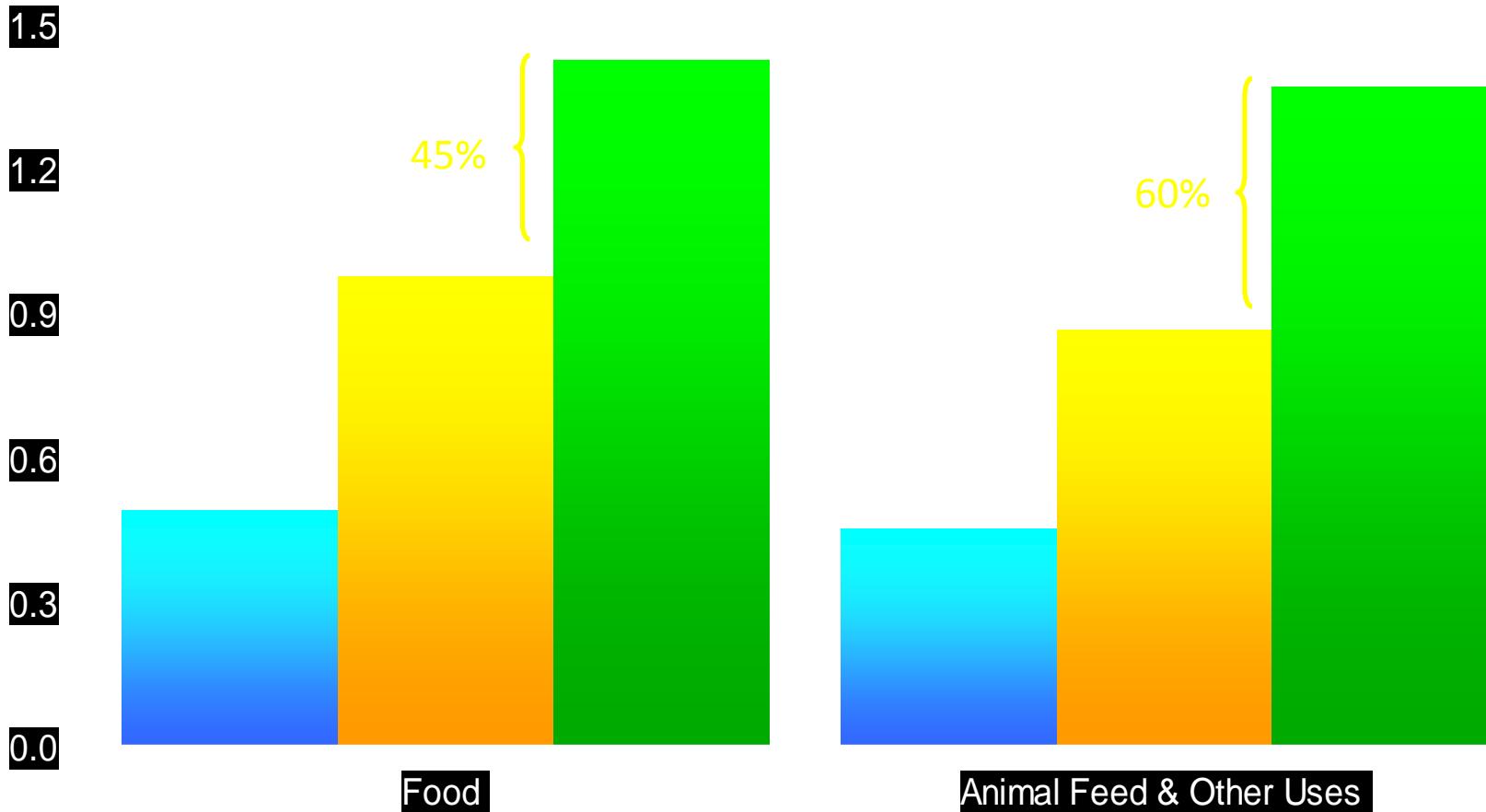
Who won the first Super Bowl?

- (a) Chicago Bears
- (b) Kansas City Chiefs
- (c) Green Bay Packers
- (d) Canton Bulldogs
- (e) Don't know
- (f) Don't care
- (g) Not important

# World Grain Consumption

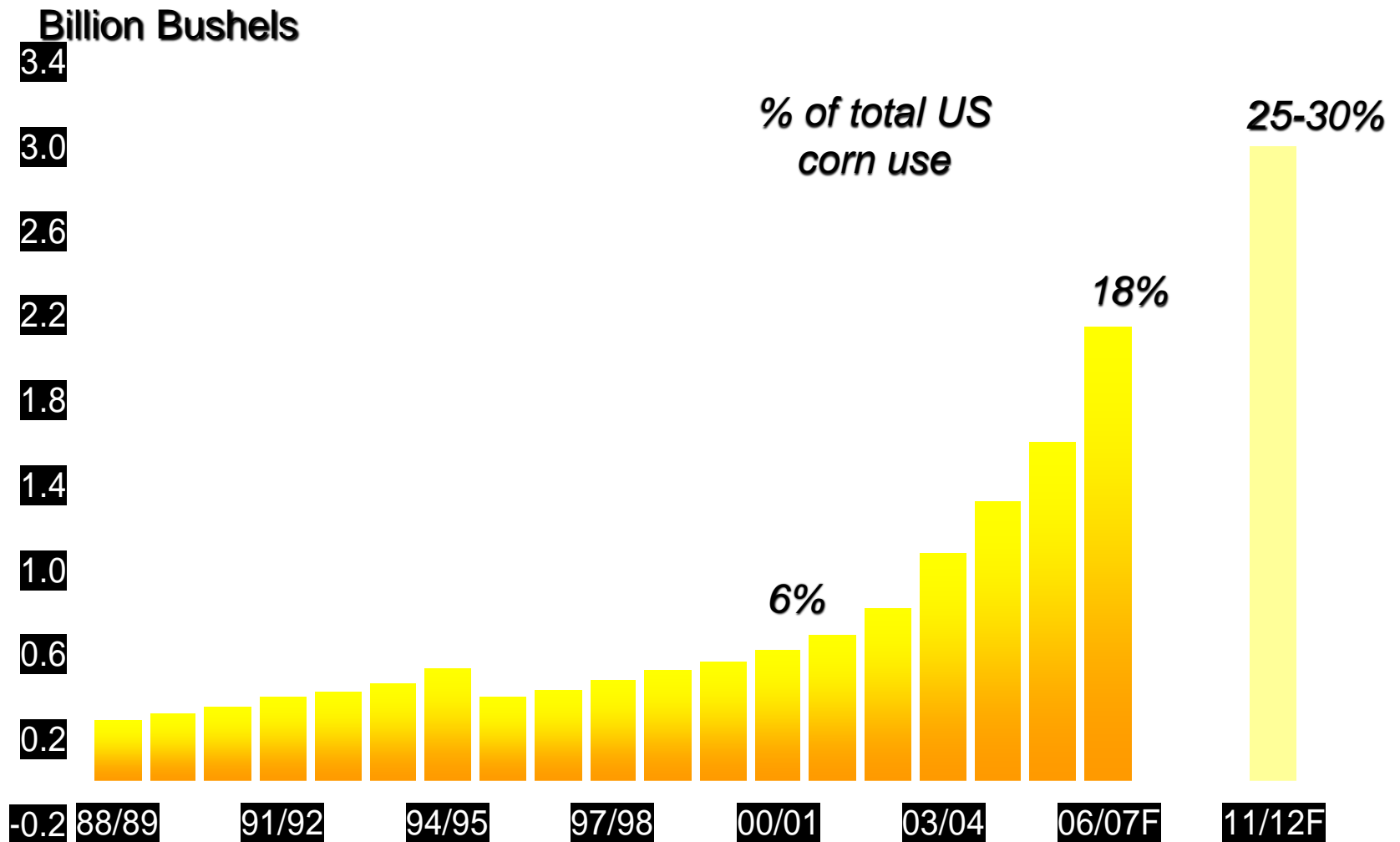
Billion Tonnes

1965 1996 2030F



Source: FAO

# US Corn Used for Ethanol



# Competition for Tillable Acres

Cotton Quote: WSJ 02/07/2011

“.....the cotton market is sending a signal for more acres. But....the corn market is trying to hold on to those acres .....similar story in soybeans. The competition (for available acres) is out there.”

About how many t-shirts can be made from a bale of cotton?

(a) 1,200

(b) 850

(c) 4,300

PNAS June 2010 107(26):12052-12057.

## **Greenhouse gas mitigation by agricultural intensification**

[Jennifer A. Burney<sup>a, b, 1</sup>](#),

[Steven J. Davis<sup>c</sup>](#), and

[David B. Lobell<sup>a, b</sup>](#)

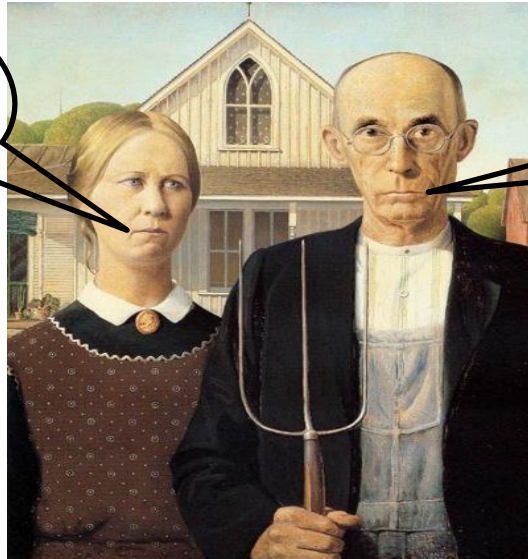
*<sup>a</sup>Program on Food Security and the Environment and*

*<sup>b</sup>Department of Environmental Earth System Science, Stanford University, Stanford, CA 94305 and*

*<sup>c</sup>Department of Global Ecology, Carnegie Institution of Washington, Stanford, CA 94305*

“Our analysis indicates that investment in yield improvements compares favorably with other commonly proposed mitigation strategies. Further yield improvements should therefore be prominent among efforts to reduce future GHG (greenhouse gas) emissions.” Burney et al. 2010. PNAS 107(26) 12052-12057.

Totally  
Awesome!



Way  
Cool !