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EXTENSION

# Fertility: How much can it be reduced?



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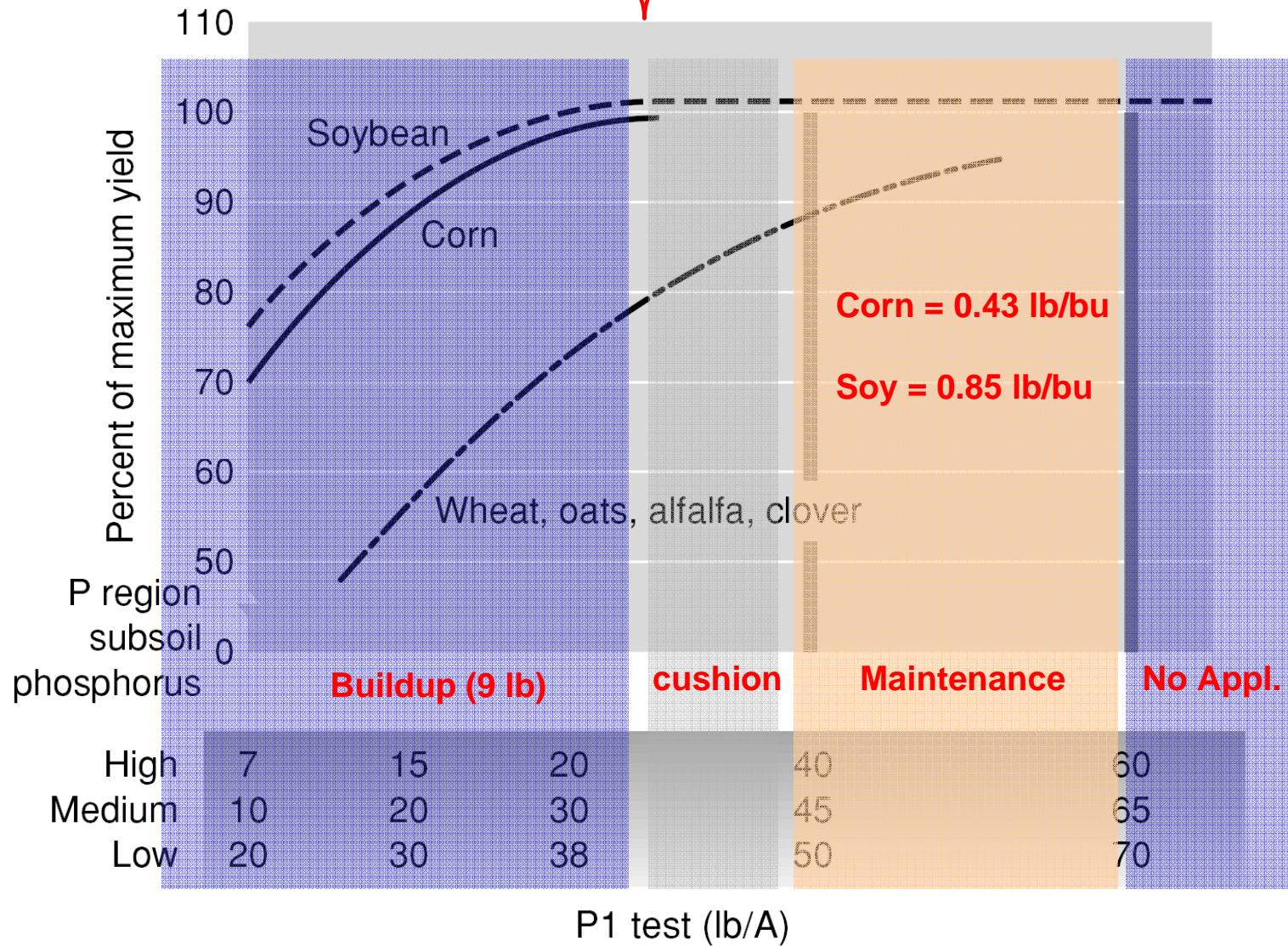


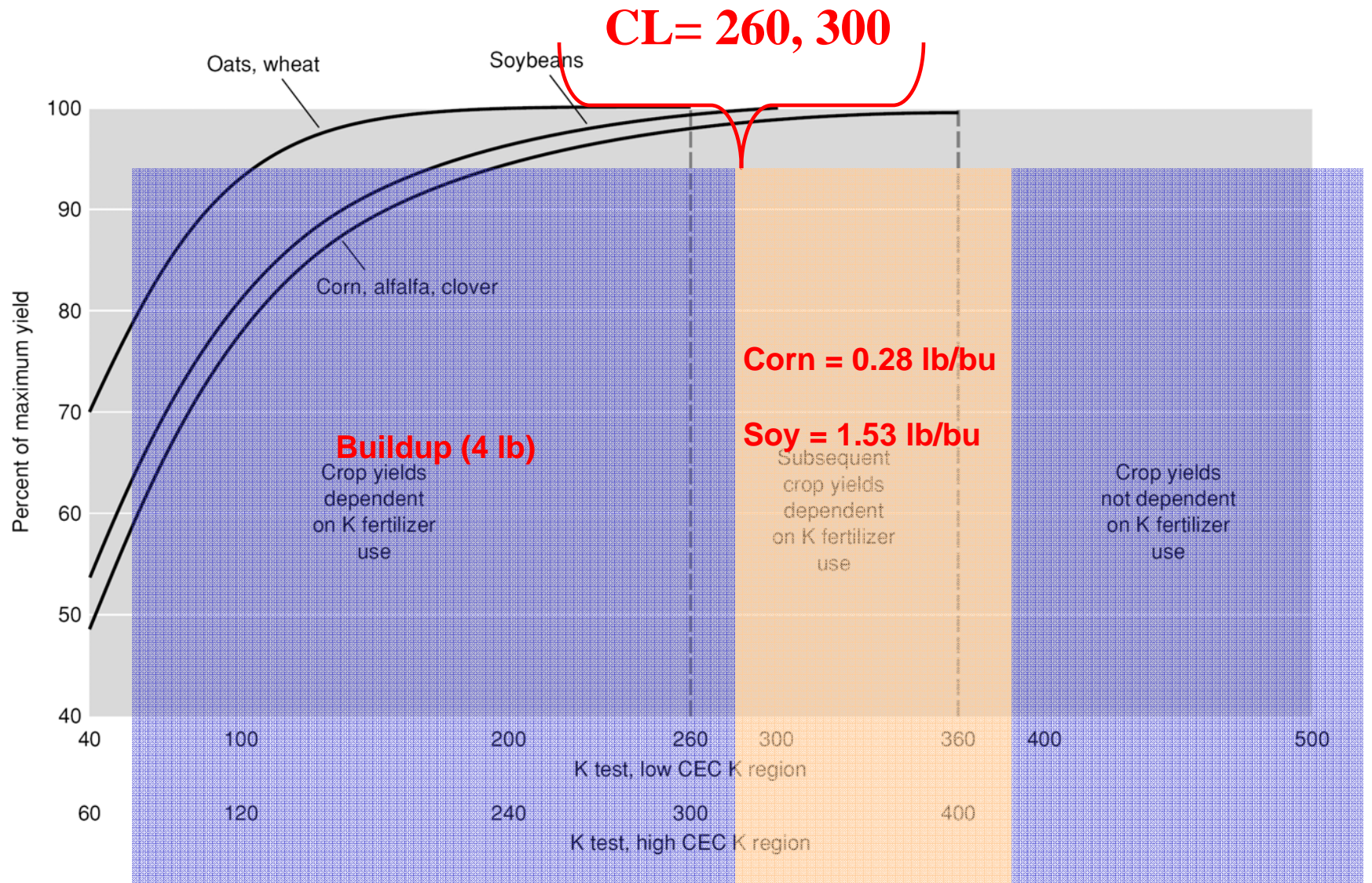
## **What Must We Know?**

- **Must know soil test**
- **Must know yield**
- **Organic matter is important**
- **Cropping history**
- **Tillage system**
- **Are cover crops used?**



**CL= 30, 40, 45**







## **Corn Fertility Needed**

**150 bushels/acre:**

**140# 0-46-0 per acre**

**70# 0-0-60 per acre**

## **Soybean Fertility Needed**

**50 bushels/acre:**

**95# 0-46-0 per acre**

**127# 0-0-60 per acre**



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## **No Fertility Applied Soil Test Reduction**

### **150 bushel/acre Corn**

**P test reduced 7 pts.**

**K test reduced 10 pts.**

### **50 bushel/acre Soybeans**

**P test reduced 5 pts.**

**K test reduced 19 pts.**