

Bayer

Monsanto

$$\bar{x} = 92.53$$

$$s = 2.64879$$

$$s^2 = 7.01609$$

$$\bar{x} = 91.53$$

$$s = 2.674700$$

$$s^2 = 7.154022$$

$$t_0 = \frac{\sqrt{n}(\bar{x} - \mu_0)}{s}$$

$$\chi_0^2 = \frac{(n-1)s^2}{\sigma^2}$$

$$\mu_0 = 92.53$$

$$\sigma^2 = 7.01609$$

$$t_0 = \frac{\sqrt{30}(91.53 - 92.53)}{2.674700}$$

$$t_0 = -2.04779$$

$$\chi_0^2 = \frac{(30-1)7.154022}{7.01609}$$

$$\chi_0^2 = 29.570$$

