

X-CYTO

SOIL PLANT GROWTH REGULATOR

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Use of Soil X-CYTO®
as a
Liquid-Applied Seed Treatment

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Use of Soil X-CYTO® in Liquid Seed Treatment Applications

These recommendations apply directly to wheat and other small grains, grass seed, and soybeans:

- ✓ Soil X-CYTO may be applied directly to seeds as a seed treatment prior to, or at planting
- ✓ Apply four to eight (4 to 8) fluid ounces of Soil X-CYTO per acre, regardless of seeding rate

Use of Soil X-CYTO® in Liquid Seed Treatment Applications

- ✓ Dilute into seed treatment solution and apply directly onto the seed, mixing thoroughly to ensure complete coverage
- ✓ Do not soak seeds in Soil X-CYTO
- ✓ Do not use treated seed for food, feed or oil purposes

Use of Soil X-CYTO® in Liquid Seed Treatment Applications

- ✓ An approved dye must be added before seeds may be sold, in interstate commerce, to distinguish treated seed and prevent inadvertent use for food, feed or oil purposes
- ✓ Seed commercially treated with this product must be labeled in accordance with all applicable requirements of the Federal and State seed laws

Use of Soil X-CYTO[®] in Liquid Seed Treatment Applications

- ✓ Shake the Soil X-CYTO container thoroughly, and dilute in sufficient water to assure adequate and even coverage
- ✓ Alkaline dilution water (pH greater than 7) should be adjusted to pH 6 prior to the addition of Soil X-CYTO
- ✓ Use Soil X-CYTO treated seed within 12 hours after dilution

Use of Soil X-CYTO® in Liquid Seed Treatment Applications

- ✓ Various methods of application may be employed, depending on the situation.
- ✓ At the commercial level, liquid seed treatment equipment is readily available.
- ✓ At the farm level, producers will want to try the application on a small scale.
- ✓ Treated seed must be thoroughly dry before planting. This is especially true if Amplify®-D will be used on wheat, other small grains and grass seeds.

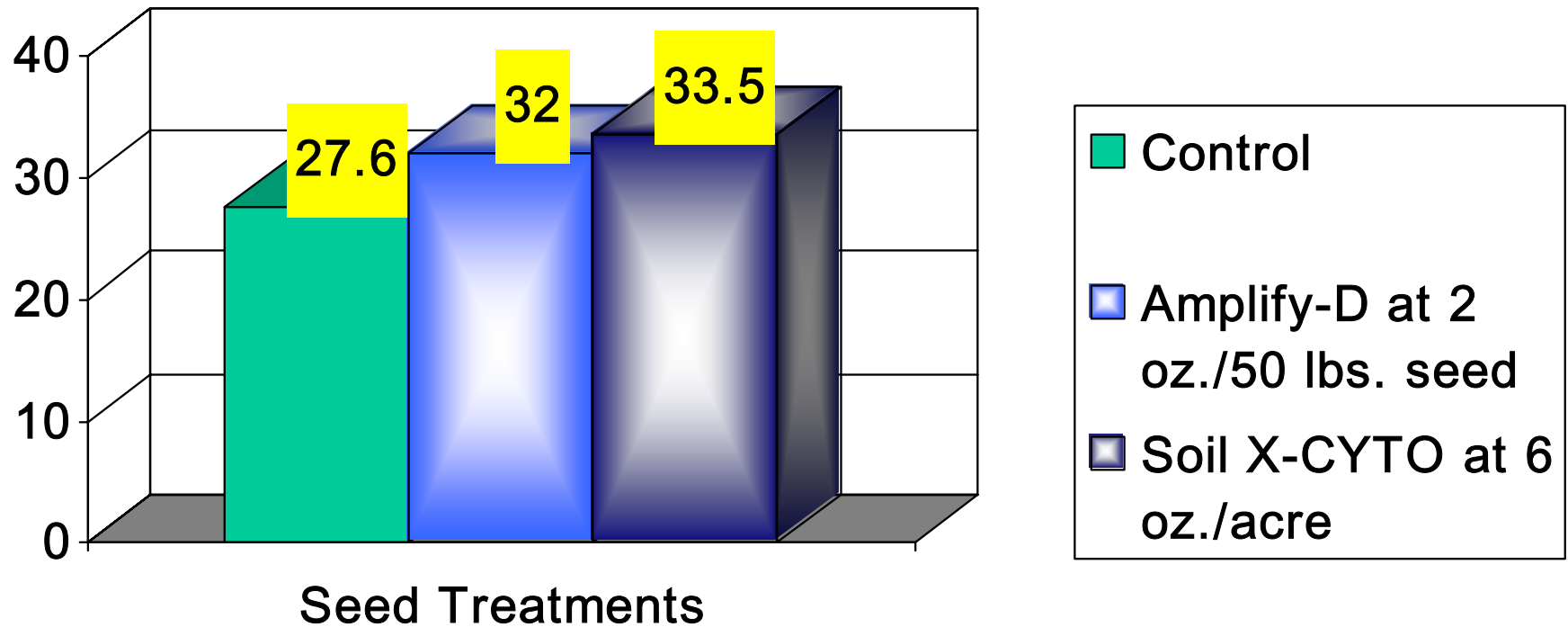
Use of Soil X-CYTO® in Liquid Seed Treatment Applications

The retail cost for Soil X-CYTO (case of 4) is \$93.25 per gallon; therefore the cost per acre when used as a seed treatment is \$2.90 to \$5.80, which is very economical.

Prices based on April 1, 2002 manufacturer's suggested retail.

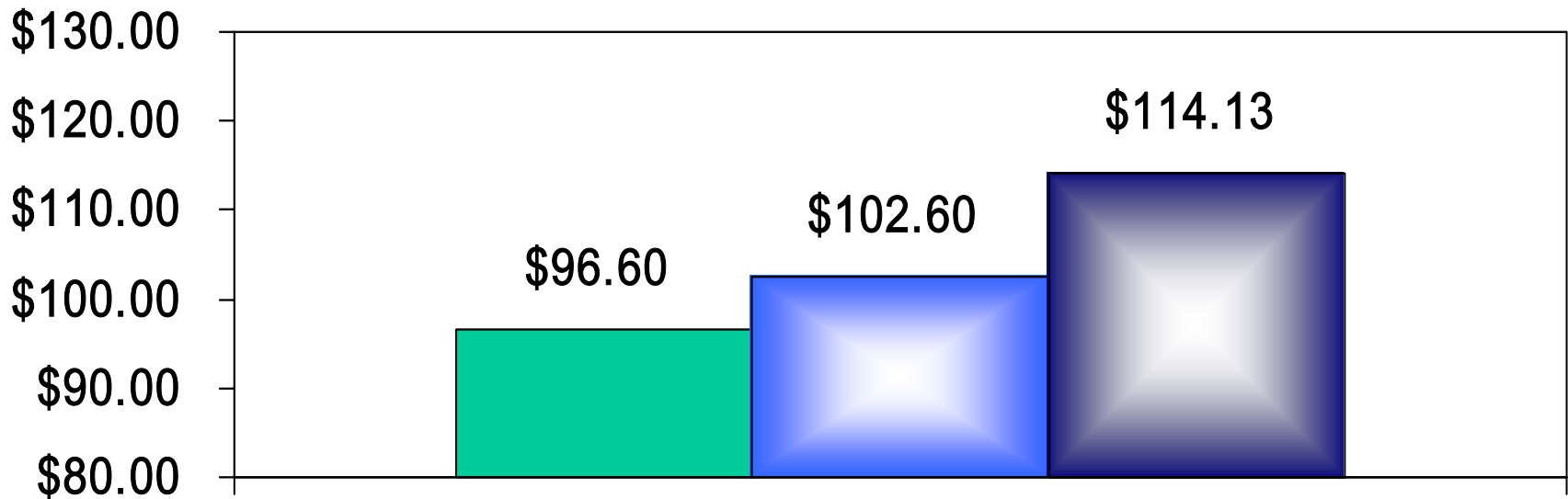
Seed Treatment Applications Cushing, Oklahoma - 1999

Wheat Yield - Bushels Per Acre



Seed Treatment Applications Cushing, Oklahoma - 1999

Wheat Net Profit per Acre



■ Control

■ Amplify-D 2 oz./50 lbs. seed \$9.40 per acre

■ Soil X-CYTO 6 oz./acre \$3.12 per acre