



For this trial all treatments were applied as starter and application rates varied. Free pHOS 24 was applied at a rate of 2.5 gallons per acre. Actagro was applied at a rate of 3.5 gallons per acre. Humagro was applied at a rate of 1.25 gallons per acre. The Grower's Standard Practice was used as a check.

Upon completion of the trial marketable yield was measured. Free pHOS 24 had the highest cwt per acre at 345. Humagro had the second highest at 316 cwt per acre. The Grower's Standard Practice had the third highest at 267 cwt per acre. Finally, Actagro was measured at 262 cwt per acre. Free pHOS 24 increased marketable yield 32% over the Actagro treatment, 29% over the Grower's Standard Practice, and 9% over the Humagro.

Gross dollar return as determined by process contract was measured as part of the trial. Free pHOS had the highest dollar per acre return at \$2721.00. Humagro had a dollar per acre return of \$2472.00. The Grower's Standard Practice had a dollar per acre return of \$2133.00. Actagro had a dollar per acre return of \$2022.00. Free pHOS 24 increased the gross dollar return per acre \$699.00 over Actagro, \$588.00 over the Grower's Standard Practice, and \$248.00 over Humagro.

Gross dollar return as determined by fresh pack was measured as part of the trial. Free pHOS 24 had the highest dollar per acre return at \$2144.00. Humagro had a dollar per acre return of \$1594.00. The Grower's Standard Practice had a dollar per acre return of \$1594.00. Actagro had a dollar per acre return of \$1200.00. Free pHOS 24 increased the gross dollar return \$944.00 over Actagro, \$627.00 over the Grower's Standard Practice, and \$550.00 over Humagro.