

ESTIMATE ON WATER NEEDED FOR INTRAMURAL FIELD

Ordinary soil will take up about 40% of its volume in water. It usually has about 10% or 15% already. This would call for say 25% by volume which would be approximately 1.5 gallons per cu. ft., or 40 gal. per cu. yd.

For 9,000 cu. yds. of embankment, there would be required 9,000 x 40 -- 360,000 gallons of water. The lowest rate the University pays is 12¢ per 1,000 gal. This would require 360 x 12 -- \$43.00.

This, of course, would be simply for settling and there would be needed more for wetting slopes, and sprinkling each day for some time. Think we should count on about \$75.00 for water.

For seeding, think we should at this late date use the blue grass and clover, or just straight blue grass. One pound will seed 200 sq. ft. This field is 430 x 380 for seeding, which gives approximately 164,000 sq. ft. which would require 820 pounds @ \$12.50 cwt. - would cost \$102.50. In addition, think we should have about \$50.00 worth of fertilizer.

On above basis:

Water	\$75.00
Seed	103.00
Fertilizer	50.00
100 ft. hose ..	25.00
Fixtures	<u>15.00</u>
	\$268.00