Effect of Phosphorus and Sulphur Fertilizers on Seed Yield and Growth of Graham Stylo (*Stylosanthes quaianensis*)

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Abstract

Effect of phosphorus and sulphur fertilizers on seed yield and growth of Graham Stylo (*Stylosanthes quaianensis*) were studied on Korat soil series with the levels of organic matter 0.6 percents phosphorus 16.75 ppm and sulphur 0.8 ppm. An application of phosphorus at different rates 0, 3, 6 and 12 kg.P/rai had no effect on seed and dry matter yield. Seed yields were 215, 205, 206 and 213 kg/rai and dry matter yield were 1,806, 1,463, 1,512 and 1,736 kg./rai respectively. Similarly an application of sulphur at the rate of 0, 3 and 6 kg S/rai had no effect on seed and dry matter yield of Graham Stylo. Productions were 193, 222 and 215 kg/rai for seed yield and 1,571, 1,670 and 1,497 kg/rai for dry matter yield respectively.

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