EFFECT OF FERTILIZER FORMULA ON GROWTH, DEVELOPMENT AND
Vu Tien Dung, Vu Dinh Chinh

Summary
The effect of fertilizer formula on growth, development and yield of summer soybean at Gia Lâm - Hà Nội was studied to identify optimum formula using two soybean varieties D140 and DT20. The experiment was replicated three times in a Split-plot design. The results of the experiment have determined the fertilizer formula that affects the leaf area index, the weight and number of nodules, the ability to accumulate dry matter, the total number of fruits in the tree, weight 1000 seeds, individual productivity and the yield of the soybean. Suitable fertilizer formula for high soybean yield, high net income for both soybean varieties D140 and DT20 in Gia Lam - Hanoi is 40kgN + 120kgP2O5+ 80kgK2O/ ha + 1.0 ton organic fertilizer Song Gianh River. The D140 yields 26.41 quintals per hectare, net income is 11.1 million per hectare; The DT20 variety is 29.0 quintals per hectare and the net income is 15.4 million dong per hectare.

Key words: Soybean, Fertilizer, growth, development, yield.