

Effect of tool and operational parameters on performance of tillage implements

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■ **ABSTRACT** : This article reviews the basic relationships between the soil parameters, tool geometry and operational parameters on the nature of soil disturbance and draft of the tillage tool. These relations will assist designers and operators of tillage implement or tillage tool in selecting the optimal design of the soil working elements and their supporting frame.

■ **KEY WORDS** : Tool geometry, Operational parameters, Tillage tools, Soil disturbance, Rake angle, Draft

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