

Design Functions



Best-fit

'Best-fit' creates a plane of best fit for the field or region. The best-fit calculation produces the slope and direction required to achieve a single plane, while minimizing the amount of dirt moved.



Multi-fit

'Multi-fit' builds multiple smaller planes that follow the contours of the ground to drain water in a single direction, usually in the direction of irrigation and/or wheel tracks. The minimum and maximum slopes influence the individual plane design which will improve the drainage on a field while moving as little soil as possible by staying truer to the existing elevation gradients.



Smooth

'Smooth' is used to smooth out gradients on a surface. The strength of smoothing is adjustable to influence the smoothing effect. The option of region blending allows you to set a slope between regions on your field to allow for smooth transition between regions.

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Offset

This tool alters a surface's elevation by adjusting it up or down. This relates to the importing and exporting of dirt volumes. A use case might be the importing of an inch of topsoil which you want to spread evenly over an entire region or field.
