

Survey Simplified

Collect the field elevations using the method that suits you best.

Ezigrade will work with elevations on a grid, or random elevations if you prefer to work that way.

Your field survey data can be collected directly from GPS as random data directly onto your notebook or tablet computer.

Alternatively the data can be recorded manually, or you can record it as you survey using a low cost Handheld PC like the Compaq Ipaq, or similar units. The data is then imported into Ezigrade and the field is shown automatically.

Section Design made Easy

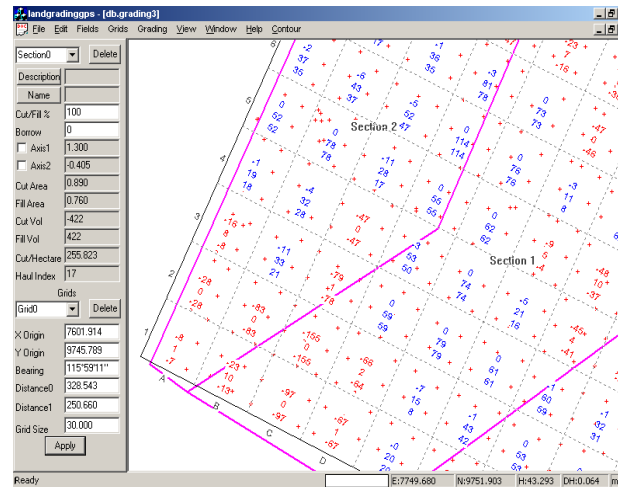
Ezigrade will handle a single design or alternatively the Field can be easily designed as a number of sections.

Use the calculated contours or 3D views in CDS to help sketch in a rough placement for the field sections. To modify a section select the field corner and move it interactively. All the connected sections are moved as well.

Best Fit with one Button

Specify the cut/fill compaction ratio to suit the soil properties for each section.

With the press of one button, Ezigrade will apply the latest software techniques to determine the plane of best fit for each defined field section.



This plane will minimize the amount of dirt you need to move in the field.

Cut/Fill quantities and proposed elevations are automatically calculated and displayed along with the slopes of the plane.

Design for Drainage

You can set the required slopes in one or both directions to ensure consistent water flow, whether from irrigation or rain.

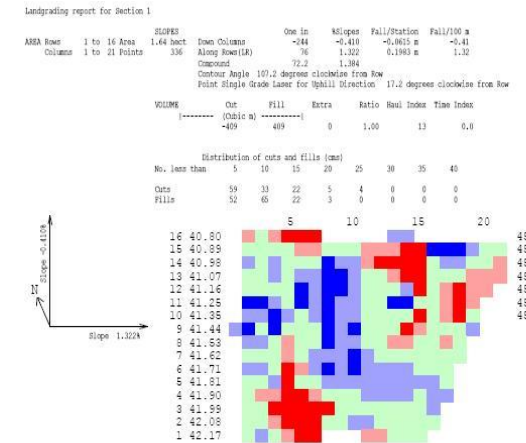
You can have one uniform sloped field, or you can break the field into multiple sections and design each section individually to obtain the best results.

The total amounts of cut and fill, and the elevations of each of the points are updated instantly as you change

the design to suit the local requirements.

Map and Report

Ezigrade will produce a single Cut Sheet Report with the press of a single button. You can specify the colors you prefer to indicate cut and fill area's.



Easy Set Out and Grading

Ezigrade will report the distance from your current GPS height to the desired design while you drive around in Real Time. Ezigrade will also allow you to setout to a point or line via GPS.

Coming soon: Ezigrade + AgGuide to move the grading bucket up and down for automatic grading.

EziGrade offers you a simple and effective solution for Agricultural Land Grading and Land Levelling.

Works with all types of data

- Gridded
- Random Points

Collect using

- Traditional Survey Instruments
- Laser Surveys
- GPS

Customise Cut/Fill ratio's to suit local soil conditions.

Calculate the Best Fit plane with the press of a single button.

Alter the plane to maximize drainage effectiveness by adjusting slope values.

Research has shown up to a 15% improvement in yield of properly graded fields and EziGrade helps you achieve the suitable grades with a minimum of effort.



System Requirements:

Runs on all Windows systems.

Distributed by:



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