



Introduction

- Problem faced currently by the Sugar industry is that the cane department staff generally does not visit the grower's field and fill up the growers data survey form in their own office. Hence the management does not get the actual survey figures.
- Loans are sanctioned on the basis of the survey provided by the field staff; if the data provided by the field staff is not accurate then proper loaning cannot be done.

Solution

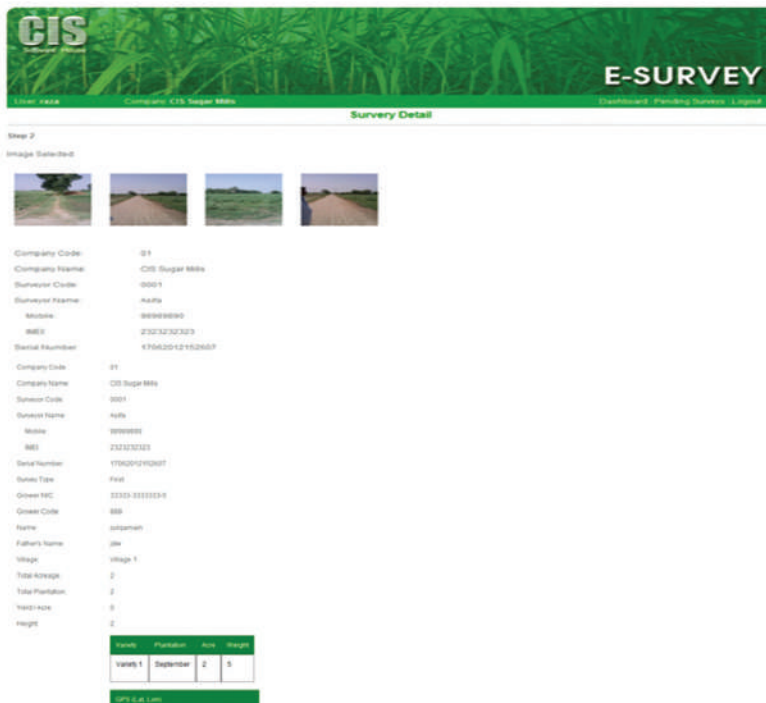
- The solution to this problem is to find a secure way through which it can be made sure that the field staff has personally visited the growers land and has done proper survey.
- Visit date and time at growers place.
- Picture of the field, picture of grower, picture of the crop height and variety
- GPS coordinate indicating from which place the picture has been taken
- Interned enabled Mobile phones
- This mobile device would take pictures; this image would automatically be uploaded on the Web server with date, time, and location automatically saved.
- The Audit manager / Cane manager will individually check each record and put his acceptance on the record after proper audit.
- The land details can be viewed on Google map.
- All the details will be authenticated by the audit team and the data will be finally stored in the database with relevant pictures

Features

- Low Cost solution.
- Data will be uploaded on Web server.
- Maintenance Free Mobile Device.
- Smooth Operations.
- 100% Guaranteed Solution.
- Online Web Reporting.
- Authorized Access.
- Access from anywhere in the world.
- Audit / Re verification by the cane manager.
- Comparison with last year cane survey.
- Interfaced with Google map to view the field location.
- Total survey figures and total view on Google map.
- Same grower different field entry possible.
- Same field diff grower alert.
- Permit issuance to those grower whose survey has been feed.
- Plantation / sowing September, February or ratoon.
- Yield per acre.
- There can be Initial survey, mid survey and final survey.
- Integrated with ERP Software.

Report

- Online Dashboard.
- Comparison with cane survey of previous year / cane received area wise.
- Cane balance available with grower.
- Highest yield per acre from which grower.
- Total cane available as per survey area wise.
- Accuracy of survey by the surveyor for performance rating.
- Variety wise cane survey report.
- Comparison between initial surveys / mid survey / final survey.



Variety	Plantation	Acre	Height
Variety 1	September	2	5