EXPERIENCES OF PRECISION AGRICULTURE WITH THE USE OF GNSS FOR SAVINGS AND YIELD IMPROVEMENTS ON TROPICAL AGRICULTURE

J.P. Molin
PhD, Professor
Dept. of Rural Engineering
University of São Paulo (USP)
College of Agriculture (ESALQ)
Piracicaba, SP, Brazil
jpmolin@esalq.usp.br
www.agriculturadeprecisao.org.br


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Just to remind:

– Agriculture is one of the largest potential users of GNSS

– In a few years the technologies today called “precision agriculture” will be totally incorporated in the routine of agricultural practices
What is “Precision Agriculture”?

It means the way the majority of us still conduct agriculture may be strongly improved by the use of some new technologies mainly concentrated around GNSS. One of the basic assumptions is that agricultural fields are not uniform, so we should not treat them as uniform and GNSS is fundamental on all the related activities of managing this new concept of agricultural and forestry activities.
Fields are not uniform!

GPS
Maiz

- 0 - 2
- 2 - 3
- 3 - 4
- 4 - 5
- 5 - 6
- 6 - 7
- 7 - 8
- 8 - 9
- 9 - 10
- 10 - 14

Date: 10.02.1999
Field Name: Area2; 99
Farm Name: APiloto2
Client Name: Pinunga
Total Hectares: 17.7
Field Boundary Start Location:
  Latitude: -21.96468134
  Longitude: -47.46880393

Projeto AP

DER - ESAI/USP
Sugar cane yield variability

Mechanical harvesting
Manual harvesting
Agricultura de precisão
O gerenciamento da variabilidade
ERROR: stackunderflow
OFFENDING COMMAND: ~

STACK: