

# Seed Processing – New Technology

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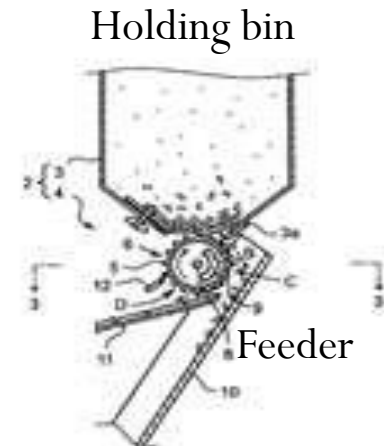
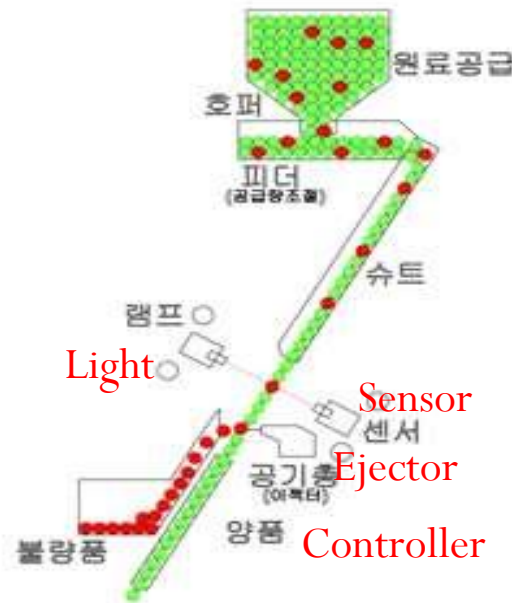
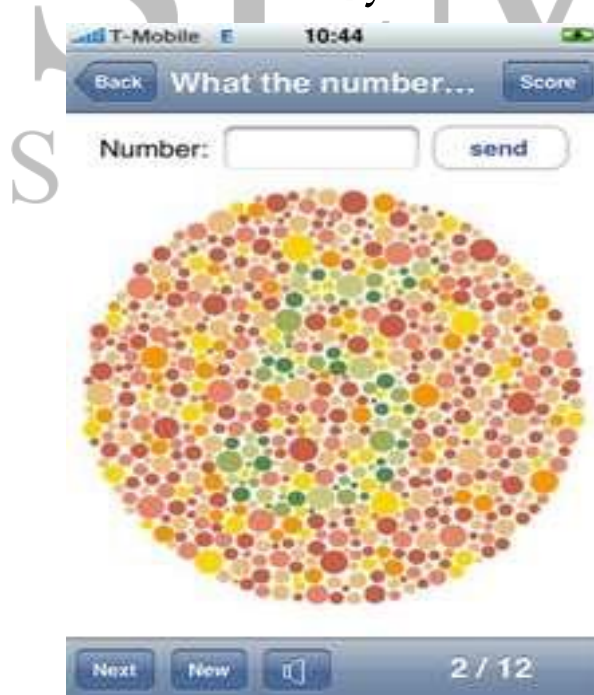
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# New Technology:

- Color Sorter:

Hand sorting is a very boring job and work efficiency varies with the mood and alertness of the worker. Chief advantages of a sorting machine are consistent accuracy, greater sensitivity and lack of work interruptions.

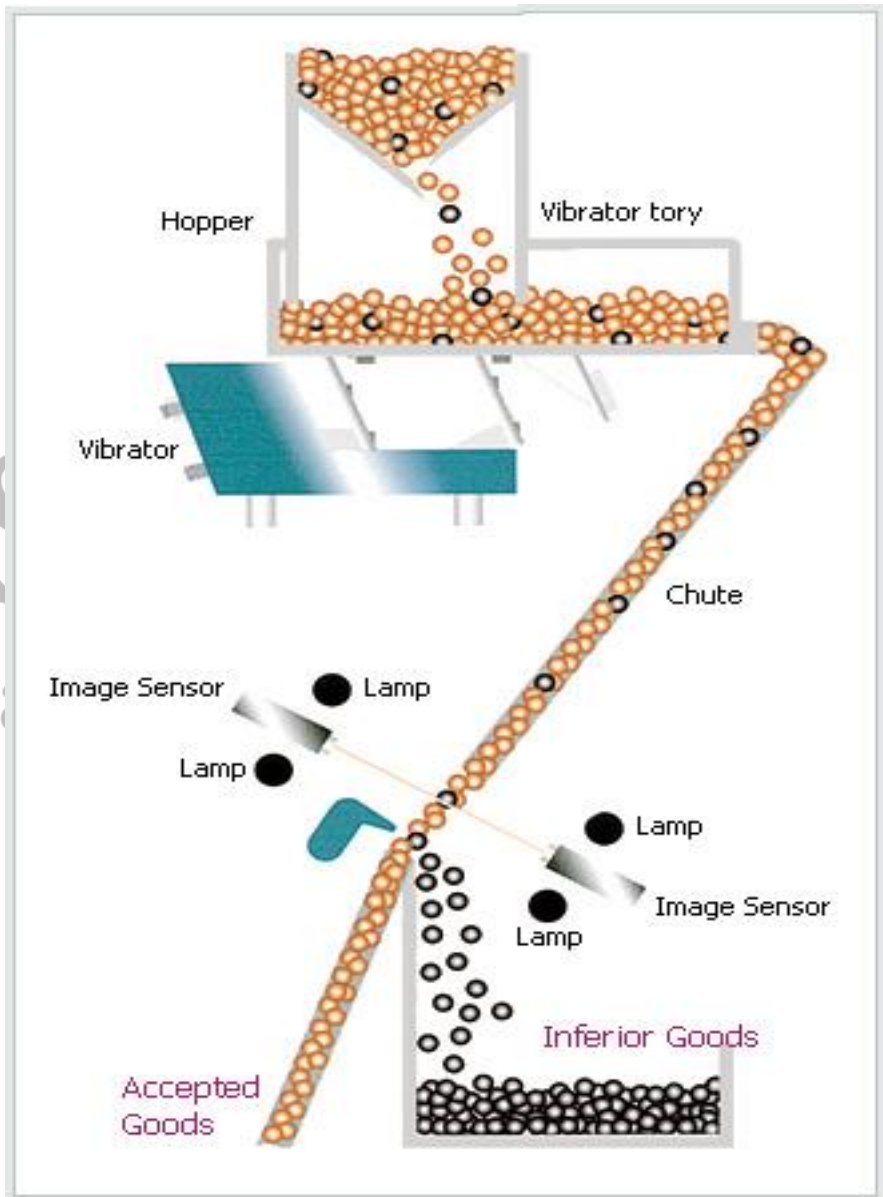


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# New Technology:

- Color Sorter:

- Feeding system
- Light resource (range)
- Light detector
  - Black/White
  - Grey level
  - Multiple colors/wavelength
- Ejecting device
  - Divider
  - Pressure air
- Controller
  - Single board
  - PLC
  - PC



# New Technology:

- Color Sorter:



SORTING POSSIBILITY OF CEREAL



▶ Ejected Inferior Goods



# New Technology:

- Control and Automation:



Control panel used in the processing plant



PLC with Input/output modules



User friendly interface/Programming

# New Technology:

- Treater + Treatment:



SEMMIS  
Seed Enterprises Management Institute  
University of Nairobi

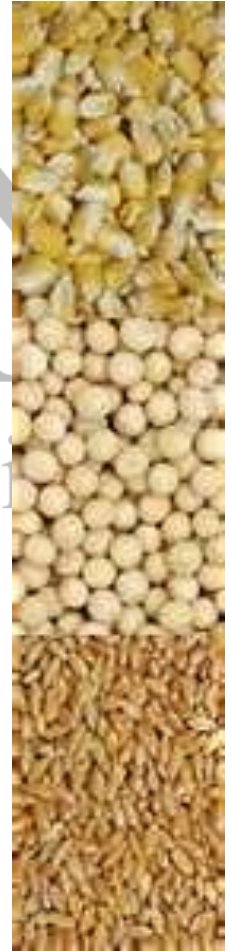


# New Technology:

- Information Management:



*More Information =  
Better Decision =  
Better Quality Seed*



Seed Enterprises Management  
Unive air





Questions?

