ICBA Database.

Nov 2011

Technology

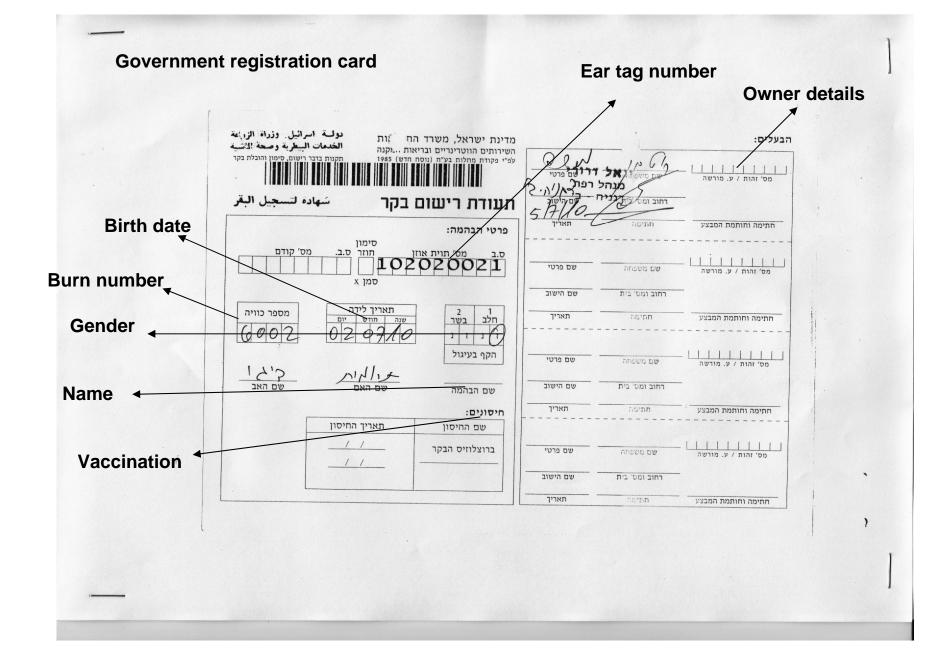
- DB Oracle enterprise
- MS system operation
- O/L #C under .NET
- HP hardware
- Report Writer Crystal.
- Business logic Fortran and OpenVMS.

Applications

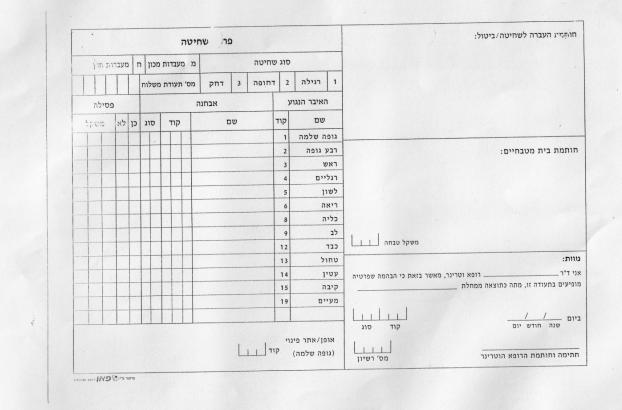
- Central Milk laboratory
- DHI
- HerdBook
- AI
- Young bulls
- Semen laboratory
- Accounting

COW ID

- Government ID (ear tag), national unique number.
- Cow name.
- Burn number.
- Herdbook number, unique within herd.
- Computer number, unique within central database.



Slaughter house details



Back side of the card

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HerdBook Events

- Acquisition and sales
- Birth
- Calving
- Insemination
- Nature breeding
- Diagnostic
- Prognostic
- Genetic evaluations
- Heat detection
- ET

- Abortion
- •Genetic defect
- •Milk Kg. and components
- •Culling
- •Dry off
- Bacteria results
- •Type traits
- •Elite cows
- •Milk Kg. from electronic milk meter

Events tables

- The key index for all the animal event tables is the computer number of the cow.
- Animals table (Tcow)
- All the applications are using the animals table.
- AI. Tcow_temp; Cows that are not recorded in the Herdbook.



Number of cows by milk recording type and EI					
		Milk recording type			Total
		А	В		
Electronic					
identification					
	Ν	607	9,677		10,284
		1%	26%		9%
	Y	76,546	27,641		104,187
		99%	74%		91%
	Total	77,154	37,319		114,472
	From total	67.40%	32.60%		100%
		percent in the table from the column			