

Ton-Tel Agricultural Storage Software

Better management of Grain Stores

Griffith Elder

DATE	TIME	REF	WEIGHT
01 August 2010	20:55:49	004421	FIRST WEIGHT 26,120 tonnes
01 August 2010	21:23:27	003781	SECOND WEIGHT 13,720 tonnes
			NET WEIGHT: 12,400 tonnes

CUSTOMER	QUALITY GRAIN	COMING FROM	QUALITY GRAIN
HAULER	CARTER	PASSPORT No.	PE123456
REGISTRATION	AU1234REA	CONTRACT	P987654
STORE	UNALLOCATED	DELIVERY	BI
GODS	POWER OSR	OPERATOR	DAVID
DRIVER	DIMITRI	DRIVER'S SIGNATURE	

PREVIOUS THREE LOADS CARRIED		
1	2	3
SWEPT	SWEPT	SWEPT
WASHED	WASHED	WASHED
STEAMED	STEAMED	STEAMED

The Ton-Tel Grain Storage Computer Software is a powerful yet easy to use system for recording and analysing all vehicles to give a ticket showing all the relevant information needed for monitoring and controlling grain storage operations. The programme also monitors stock levels and records all vehicle movements.

The Software has been specifically designed to be used with any full sized weighbridge. It is password protected so that only authorised personnel can use it.

The above screen-print shows the weighing screen. All Weighing operations are automatically recorded on the computer and tickets can be printed off on the computer's printer. Additional information concerning each weighing can be easily entered using the drop down boxes.

When produce comes in from either a customer or one of the home farm fields, all details are logged onto a weighbridge ticket. Items such as the passport number are also recorded where required.

Moisture Correction

Moisture correction is available for any crop and is calculated from tables so that both the actual weight brought in and the dried down weigh show on the ticket. The Ton-Tel Software is compatible with a number of moisture meters so that, if sampling is being done, the moisture and specific weight goes direct from the moisture meter to the weighbridge ticket, without needing to type it in.

Where further analysis is done of the crop, results can be added to each ticket. Each item has associated costs and deductions tables for correcting the amount that will end up in the store. Typical analysis for instance in oilseed rape (Canola) may be admixture, colour and oil content. In barley, nitrogen content might be analysed and protein and Hagberg falling number in wheat. Temperature is often also recorded. For each crop it is possible to decide which items will be tested for, so that only those items show when filling out the test sheet part of the ticket. This is a comprehensive way of making sure the data is correctly stored at the time that the grain comes into the store. It is very simple to do, and if any results are not needed they do not need to be filled in.

Goods	Start	Fee	Unit of Measure	Year Start	Year End
LINSEED	Daily	0.0400	by weight	2009-07-01 00:00:00	2010-06-30 23:59:59
FEED WHEAT	Daily	0.0100	by weight	2009-07-01 00:00:00	2010-06-30 23:59:59

Customer: QUALITY GRAIN
 Goods: LINSEED
 Fee period: Daily
 Storage Year Start: 01/07/2009
 Storage Year End: 30/06/2010
 Storage Fee: 0.04
 Unit of Measure: by weight

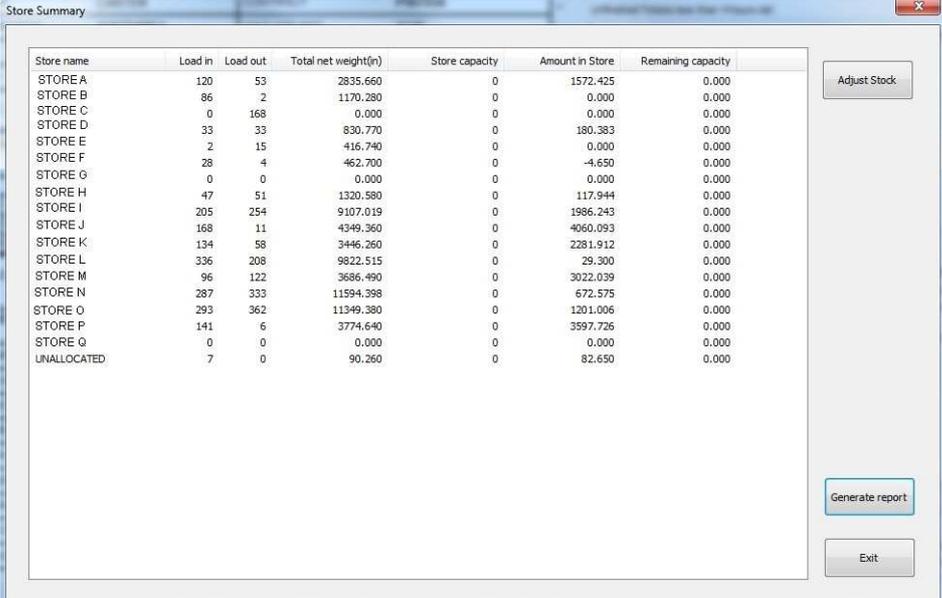
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Software for Storage Facilities

Complete information in an easy-to-use format

**Griffith
Elder**



Store name	Load in	Load out	Total net weight(n)	Store capacity	Amount in Store	Remaining capacity
STORE A	120	53	2835,660	0	1572,425	0,000
STORE B	86	2	1170,280	0	0,000	0,000
STORE C	0	168	0,000	0	0,000	0,000
STORE D	33	33	830,770	0	180,383	0,000
STORE E	2	15	416,740	0	0,000	0,000
STORE F	28	4	462,700	0	-4,650	0,000
STORE G	0	0	0,000	0	0,000	0,000
STORE H	47	51	1320,580	0	117,944	0,000
STORE I	205	254	9107,019	0	1986,243	0,000
STORE J	168	11	4349,360	0	4060,093	0,000
STORE K	134	58	3446,260	0	2281,912	0,000
STORE L	336	208	9822,515	0	29,300	0,000
STORE M	96	122	3686,490	0	3022,039	0,000
STORE N	287	333	11594,398	0	672,575	0,000
STORE O	293	362	11349,380	0	1201,006	0,000
STORE P	141	6	3774,640	0	3597,726	0,000
STORE Q	0	0	0,000	0	0,000	0,000
UNALLOCATED	7	0	90,260	0	82,650	0,000

Costings

For each customer and each crop storage fees can be charged along with fees for drying, and cleaning. An adjustment is available for losses in the movements of grain during the storage period and losses due to other factors can also be accounted for.

Stock Control

As grain goes into and out of each store, it is added to and deducted from the totals in that store so that the amount in stock can be known at any time. Yield from each field or farm will also be seen from a report showing where the crop came from.

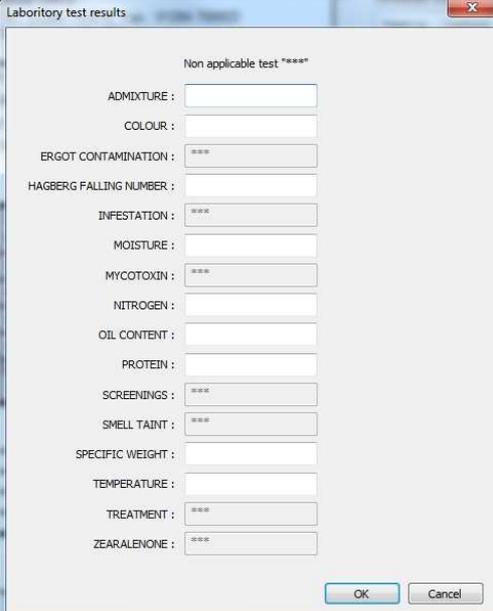
Reports

The system contains a powerful reporting facility. The operator selects the parameters for the report, and the information to be shown. A typical report might be of all the weights which came from a particular customer between two dates. Or it might be the amount of grain in store for one customer with associated charges for the month. Or the report could be wheat yield this season, showing how much came from each field. The options for reports are very wide ranging. A user can create a report template so that every time the report is run it shows the same data between different dates. This is particularly useful if a report is being sent to a customer on a regular basis.

Information can easily be exported from the Ton-Tel programme to other programmes for further data analysis. It is compatible with all spreadsheets. When in spreadsheet format, a report can easily be sent by email.

A number of different ticket options are available, and the ticket can be customised to suit individual farm storage needs.

The Ton-Tel programme works on Microsoft Windows XP and Windows 7 operating environments.



Laboratory test results

Non applicable test ****

ADMIXTURE :

COLOUR :

ERGOT CONTAMINATION :

HAGBERG FALLING NUMBER :

INFESTATION :

MOISTURE :

MYCOTOXIN :

NITROGEN :

OIL CONTENT :

PROTEIN :

SCREENINGS :

SMELL TAINT :

SPECIFIC WEIGHT :

TEMPERATURE :

TREATMENT :

ZEARALENONE :

OK Cancel

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