

# GTA SUITE SOFTWARE



## USER'S GUIDE

**AGCO®**  
**GTA200 Record Keeper**





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**AGCO®**  
**GTA200 Record Keeper**  
**79023541 C Rev.**  
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# GENERAL INFORMATION

## INTRODUCTION

The GTA 200 Record Keeping software builds on the functionality of GTA 100 Communicator software. Along with all of the benefits of GTA 100, GTA 200 provides the user with the ability to generate summary reports as well as the ability to create planned jobs to take out into the field. In addition, the reports option allows the user to view working data (fuel used and area worked) to determine fuel efficiency, field and machine costs.

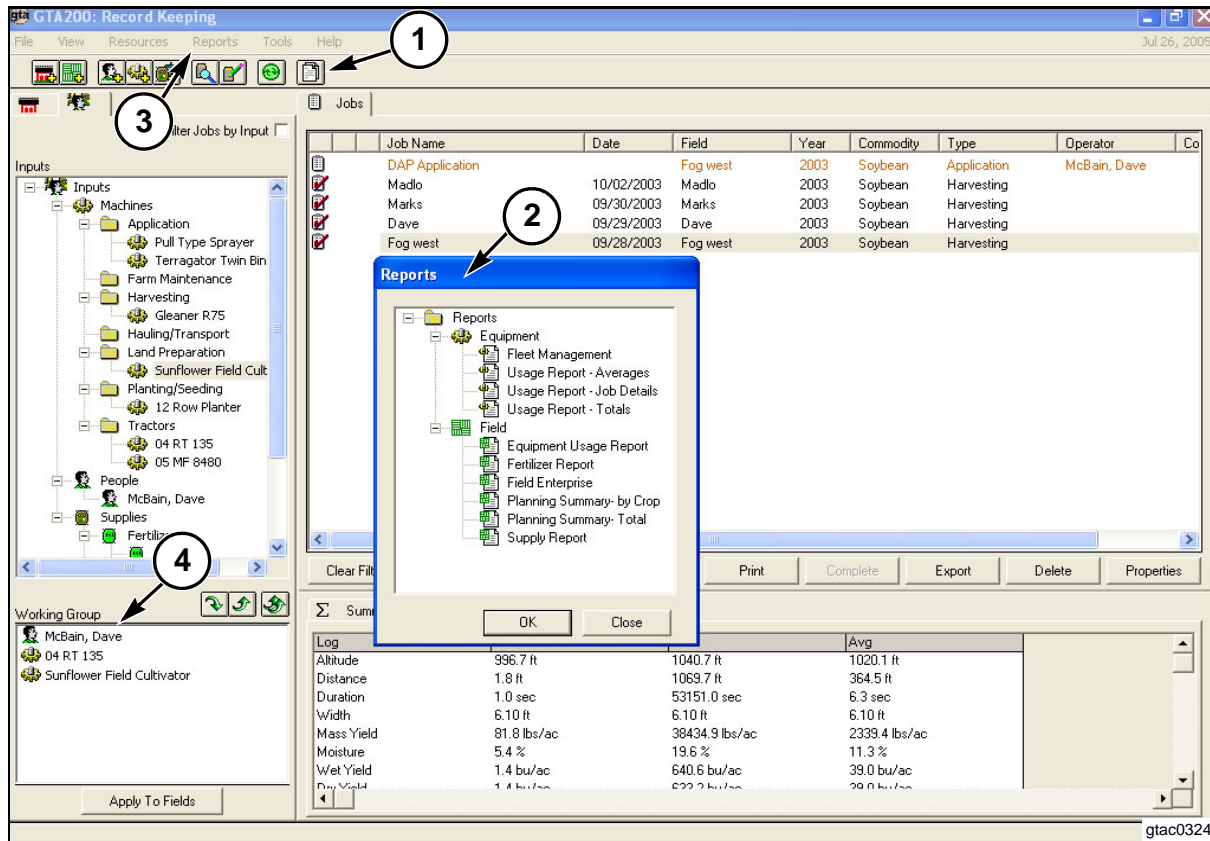


FIG. 1

**FIG. 1:** The screen view above shows the GTA200 main program window.

A new shortcut has been added to the toolbar to generate reports.

- **Reports** button (1)
  - Brings up **Reports Window** (2)

A new option has been added to the menu bar.

- **Reports** (3)

An addition has been added to the Inputs tab, which allows planned jobs to be created.

- **Working Group** (4)

The details about these features are discussed on the following pages.

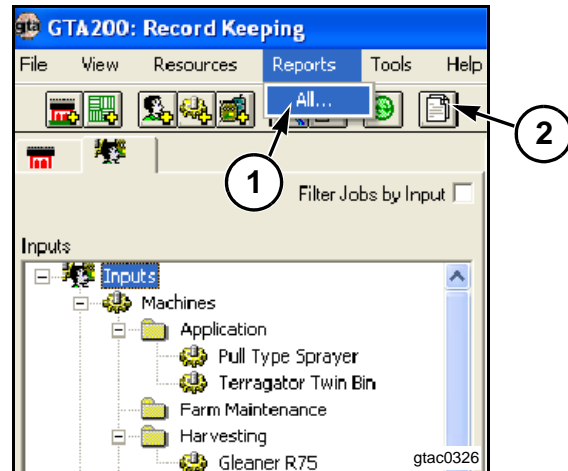


# APPLICATION

## REPORTS OVERVIEW

**FIG. 2:** In GTA200 there are two different report types available: **Equipment Reports** and **Field Reports**. Each type of report allows the user to sort jobs on either an equipment or field basis. Four different styles of **Equipment Reports** can be generated; whereas six different **Field Reports** can be generated. Reports may be exported into a variety of formats, including: MS Excel, MS Word or PDF.

*NOTE: The reports window is easily accessed by clicking on **Reports** (1) on the main menu or by clicking the **Reports** (2) shortcut button on the tool bar.*



**FIG. 2**

## Equipment Reports

**Fleet Management:** shows the hours left until the next service period and the machine running parameters.

**Usage Reports - Averages:** shows the average details for each job, including fuel cost per area, area per hour and the total cost per area.

**Usage Report - Job Details:** shows the machine use by an individual job.

**Usage Report - Totals:** shows the values for selected machines as well as the total values per job.

## Field Reports

**Supply Report:** shows a detailed summary of the use of any product.

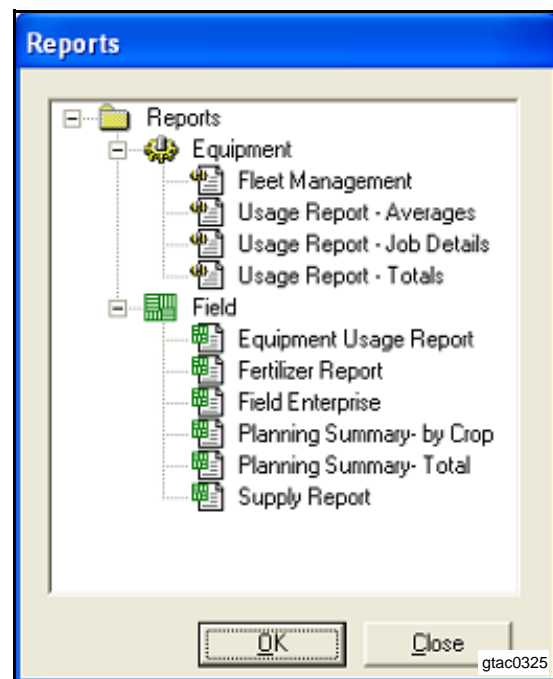
**Equipment Usage Report:** shows a summary of the equipment and supplies used for each job within a field.

**Field Enterprise:** shows the cost for labor, equipment and supplies, for the production of a specific crop.

**Fertilizer Report:** allows a particular formulation of fertilizer to be selected and creates a usage report. This report also shows the usage of individual elements within the fertilizer compound.

**Planning Summary by Crop:** shows a list of direct inputs, such as fuel, fertilizer and sprays that are needed to complete any planned jobs.

**Planning Summary - Total:** shows a list of all inputs for all planned jobs.



**FIG. 3**

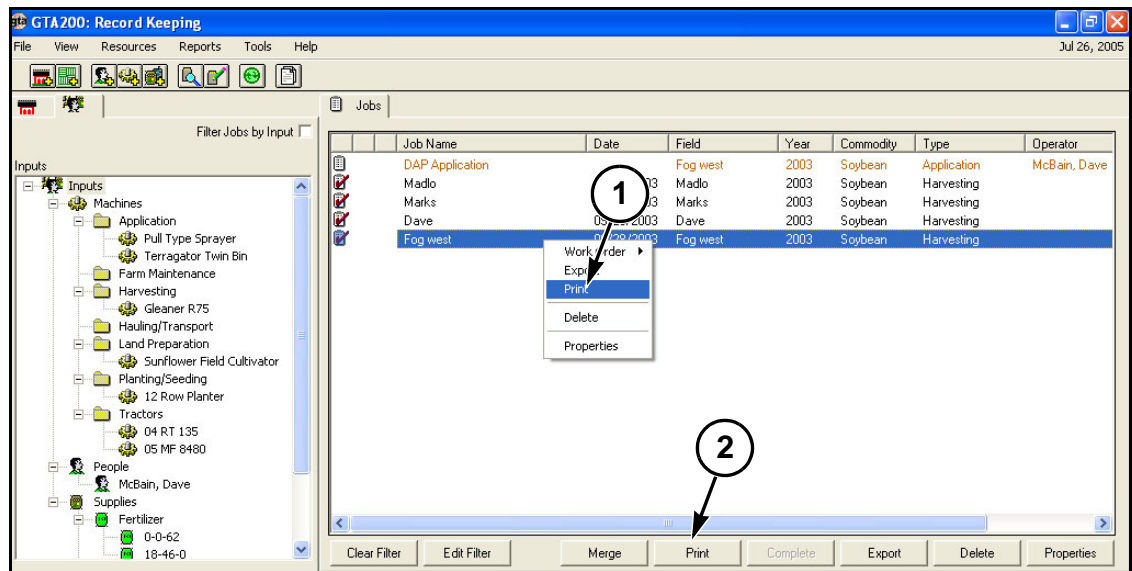
# Application

## Report Examples

### Job Report

Generating a job report is accessed by first selecting a print option. After a user has selected print, GTA 200 will generate a Job Report to be viewed. After viewing a user may click on the print option at the top of the Job Report screen.

*NOTE: Printing options can be accessed by selecting a job, right clicking and selecting **print** (1), or by clicking on the **print** button (2) located below the list of jobs.*



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FIG. 4

FIG. 4: The screen above shows where the print features are located in GTA 200.

# Job Report

Farm Smith Farm  
Field Fog west  
Crop 2003 Soybean  
Field Area (ac) 58.45

Region 1	Area (ac)	Rate (/ac)	Quantity	Unit Cost	Total
Date: 9/28/2003 4:11 PM - 9/29/2003 3:50 PM					
<b>Labor</b>					
McBain, Dave	58.45	0.17 hr	9.72 hr	\$12.00	\$116.58
<b>Equipment</b>					
Gleaner R75	58.45	0.17 hr	9.72 hr	\$25.00	\$242.88
Diesel Fuel	58.45	1.99 gal	116.58 gal	\$2.25	\$262.30
	58.45	37.91	2,215.87	\$0.00	\$0.00
<b>Total:</b>					<b>\$621.76</b>

## Field and Weather Information

Growth Stage:  
Application Method:  
Sky Conditions: Mostly Cloudy  
Wind Direction: Northeast  
Wind Speed: 15 mph

Soil Condition:  
Soil Type:  
Gusting Speed: 30 mph  
Temperature: 58°  
Humidity: 40.00 %

**Grand Total: \$621.76**

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FIG. 5

FIG. 5: The screen above shows an example of a generated Job Report.









## Fleet Management

**FIG. 6:** To generate a **Fleet Management** report, first bring up the **Reports Window**. After the **Reports Window** is opened, **Fleet Management** can be selected underneath the **Equipment** category. Clicking OK will bring up the next screen, to select the equipment to be included in the report. The arrows (1) provided in this screen allow equipment to easily be moved to and from the list of **Report Items**. Once equipment selections have been made, the **Preview** button (2) can be selected to generate a **Fleet Management** report. Select the Print option in the Fleet Management preview window to print the report.

**NOTE:** Once in the **Equipment Report** window, a user may select the **Show Shading** (3) option to add contrast, making the information easier to read. In addition, a user may change their report options; sorting reports by the dates, report types or groupings.

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**FIG. 6**

Fleet Management All Dates										
	Machine Last Operator	Current Meter	Last Service	Until Next Service	Engine (hr)	Efficiency (%)	Oil Pressure Avg (psi)	Water Temp. Max (°F)	Trans. Temp. Max (°F)	Wheel Slippage Avg (%)
	04 RT 135 McBain, Dave	50.00 hr	0.00 hr	250.00 hr	7.00	100.00				
	05 MF 8480	300.00 hr	100.00 hr	100.00 hr	3.73	100.00	74.68	149.40	109.80	1.20
	Pull Type Sprayer McBain, Dave	1,000.00 ac	500.00 ac	0.00 ac	2.50	100.00				
	12 Row Planter McBain, Dave	500.00 ac	250.00 ac	250.00 ac	4.50	100.00				
	Sunflower Field Cultivato McBain, Dave	800.00 ac	500.00 ac	200.00 ac	3.50	100.00				
	Gleaner R75 McBain, Dave	100.00 ac	0.00 ac	200.00 ac	9.72	65.90				

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**FIG. 7**

**FIG. 7:** The screen above shows an example of a generated Fleet Management Report.

# Application

## Field Enterprise Statement

The screenshot shows a software window titled "Field Report". It contains several sections for filtering and displaying data. On the left, there is a "Selection Filter" section with dropdown menus for "Year", "Commodity", and "Farm/ Field", along with a "Select Farm/ Field" button and a "Clear Filter" button. Below this is a "Job Date Range" section with "From" and "To" date pickers, and a checked "Show Shading" checkbox. On the right, there is a "Highlight Selections" table with columns "Field", "Year", and "Commodity". The table lists four entries: "Madlo", "Marks", "Dave", and "Fog west", all for the year "2003" and commodity "Soybean". The "Fog west" row is highlighted. Below the table are "Select All" and "Select None" buttons. At the bottom right are "Preview" and "Close" buttons. Three numbered callouts are present: (1) points to the "Preview" button, (2) points to the "Job Date Range" section, and (3) points to the "Report Type" dropdown menu which is set to "Field Enterprise".

Field	Year	Commodity
Madlo	2003	Soybean
Marks	2003	Soybean
Dave	2003	Soybean
Fog west	2003	Soybean

FIG. 8

**FIG. 8:** Generating a **Field Enterprise Statement** is done by bringing up the **Reports** window. After the window opens, Field Enterprise can be selected, under the **Field** category. Clicking OK will bring up the next screen, where the user can select the field that they would like to include in the statement. After a field is highlighted, clicking the **Preview** (1) button will generate a Field Enterprise Statement.

*NOTE: A user may filter by year, commodity, farm or field. A user may choose to input a **Job Date Range** (2) to assist in filtering information. The **Report Type** (3) may also be changed to Field Equipment Usage, Field Planning by Crop or Field Planning Total.*

Field Enterprise Statement							
All Dates							
Farm		Smith Farm					
Field		Fog west					
Crop		2003 Soybean					
Enterprise Area (ac)		58.45					
							
Date Time	Input	Quantity Fuel	Unit Cost	Rate (/ac)	Rate (/ac)	Total	
<b>Labor</b>							
	9/28/2003 4:11PM McBain, Dave	9.72 hr	\$12.00	0.17 hr	\$1.99	\$116.58	
	4/10/2003 8:30AM McBain, Dave	3.50 hr	\$12.00	0.06 hr	\$0.72	\$42.00	
	4/19/2003 8:30AM McBain, Dave	4.50 hr	\$12.00	0.08 hr	\$0.92	\$54.00	
	6/16/2003 9:00AM McBain, Dave	2.50 hr	\$12.00	0.04 hr	\$0.51	\$30.00	
<b>Sub Total:</b>						<b>\$242.58</b>	
<b>Equipment</b>							
	9/28/2003 4:11PM Gleaner R75	9.72 hr 116.58 gal	\$25.00 \$2.25	0.17 hr 1.99 gal	\$4.16 \$4.49	\$242.88 \$262.30	
	3/20/2003 9:00AM Terragator Twin Bin	58.45 ac	\$7.00	1.00 ac	\$7.00	\$409.15	
	4/10/2003 8:30AM 05 MF 8480	3.50 hr 29.75 gal	\$20.00 \$2.25	0.06 hr 0.51 gal	\$1.20 \$1.15	\$70.00 \$66.94	
	4/10/2003 8:30AM Sunflower Field Cultivator	58.45 ac	\$8.00	1.00 ac	\$8.00	\$467.60	
	4/19/2003 8:30AM 04 RT 135	4.50 hr 18.00 gal	\$20.00 \$2.25	0.08 hr 0.31 gal	\$1.54 \$0.69	\$90.00 \$40.50	
	4/19/2003 8:30AM 12 Row Planter	58.45 ac	\$10.00	1.00 ac	\$10.00	\$584.50	
	6/16/2003 9:00AM 04 RT 135	2.50 hr 10.00 gal	\$20.00 \$2.25	0.04 hr 0.17 gal	\$0.86 \$0.38	\$50.00 \$22.50	
	6/16/2003 9:00AM Pull Type Sprayer	58.45 ac	\$3.50	1.00 ac	\$3.50	\$204.58	
<b>Sub Total:</b>						<b>\$2,510.95</b>	
<b>Supplies</b>							
	3/20/2003 9:00AM 18-46-0	2.92 ton	\$350.00	99.98 lbs	\$17.50	\$1,022.70	
	3/20/2003 9:00AM 0-0-62	2.92 ton	\$180.00	99.98 lbs	\$9.00	\$525.96	
	4/19/2003 8:30AM RR Soybean Seed	48.71 bag	\$40.00	149,998.97 pop	\$33.33	\$1,948.32	
	6/16/2003 9:00AM Glyphosate	10.05 gal	\$40.00	22.00 fl oz	\$6.87	\$401.84	
<b>Sub Total:</b>						<b>\$3,898.82</b>	
<b>Total Cost:</b>						<b>\$6,652.35</b>	
<b>Harvest</b>							
	9/28/2003 4:11PM Soybean	2,215.87 bu	\$0.00	37.91 bu	\$236.94	\$13,849.16	
<b>Sub Total:</b>						<b>\$13,849.16</b>	
	10/31/2002 12:02PM	0.00	\$0.00	0.00	\$0.00	\$0.00	
<b>Sub Total:</b>						<b>\$0.00</b>	
<b>Total Profit:</b>						<b>\$7,196.81</b>	

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FIG. 9

FIG. 9: The screen above shows an example of a generated Field Enterprise Statement.

# Application

## THE RESOURCE MANAGER

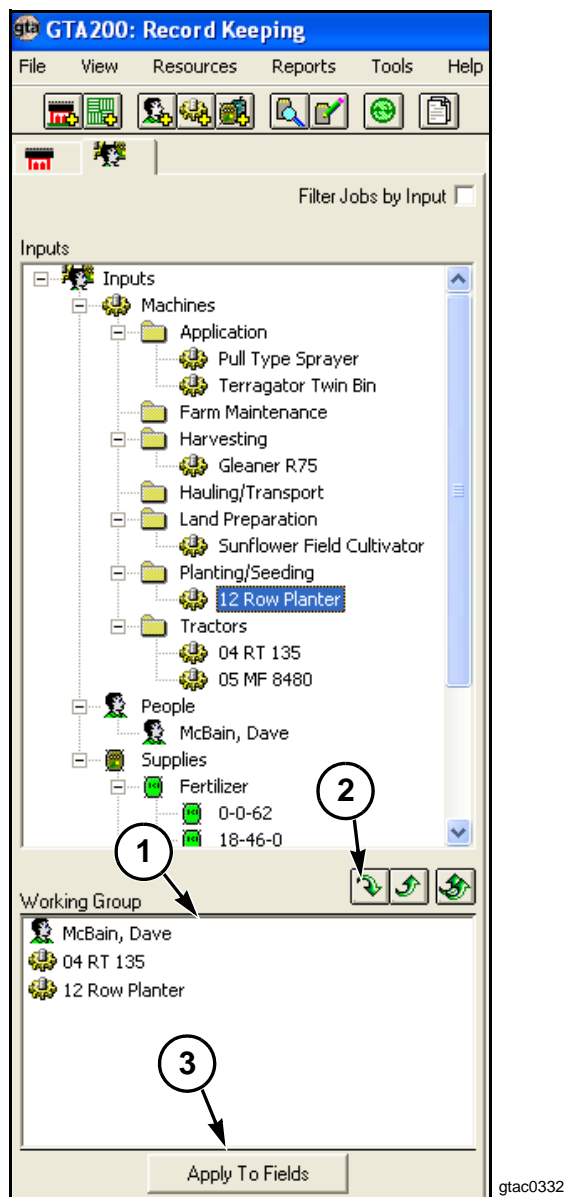
### Job Planning

#### Resource Manager

**FIG. 10:** The **Resource Manager's** purpose is to keep an inventory of all farms, fields, machinery, personnel and supplies for the user. Combinations of these variables can be used to create a **Completed** or **Planned Job**. Planned Jobs are intended to be loaded on a memory card and then transferred to a GTA Console or Fieldstar Terminal.

#### Working Group Pane

The lower pane of the Resource Manager is the **Working Group** (1). The Working Group is for the user to apply inputs to a Completed or Planned Job. An input is added to the working group either by clicking on the add button (2) or double clicking the resource. After all Inputs have been added, they may be assigned by clicking on the **Apply to Fields** (3) button.

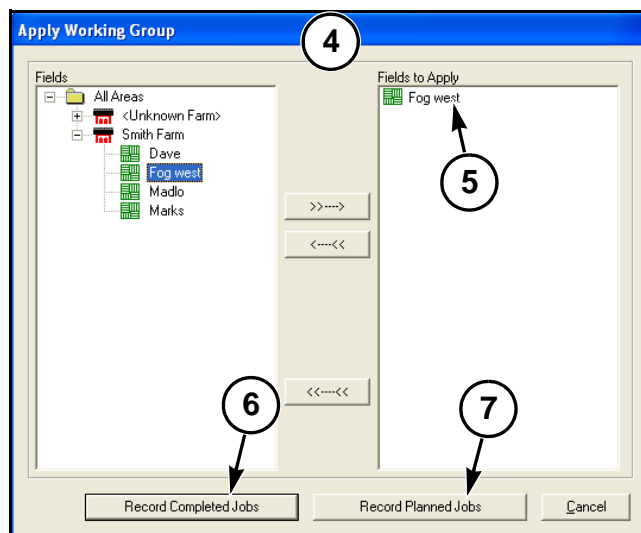


**FIG. 10**

#### Apply Working Group Window

**FIG. 11:** After the Apply to Fields button is selected the **Apply Working Group** (4) window opens. Then select the **Field** (5) the job is created for. After a field is selected, then select either **Record Completed Jobs** (6) or **Record Planned Jobs** (7). Completed jobs allow the manual entry of data. Planned jobs can be used on the GTA console or Fieldstar Terminal.

**NOTE:** When determining the **Fields to Apply** information, a user can either select the desired field, using the arrows to move it or the selected field can be double clicked on.



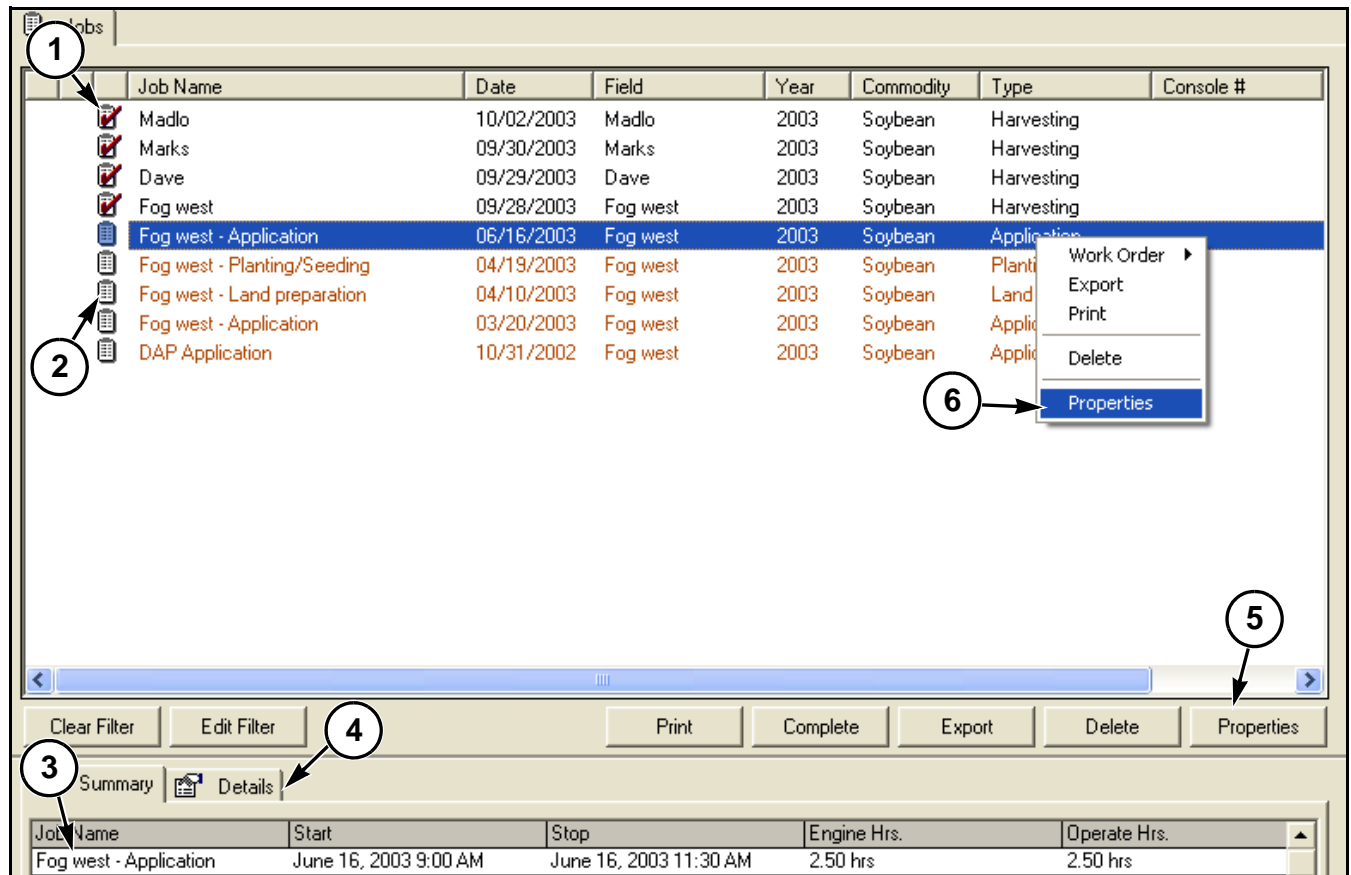
**FIG. 11**

## Data Viewer

**FIG. 12:** The Jobs tab displays **Completed** and **Planned** Jobs. The Jobs tab has several columns that display job data. The **Column Headers** can be used to sort data in ascending or descending order.

**NOTE:** **Completed Jobs** (1) have a red check mark over the notepad icon and the **Planned Jobs** (2) do not have a red check mark.

After a job is selected, the summary of the job is displayed in the lower pane of the window (3). Job details may be viewed by selecting the **Details** (4) tab, in the lower pane. A user can view Planned Job details at any time by selecting the job and clicking the **Properties** (5) button or by right clicking on the job and selecting **Properties** (6).



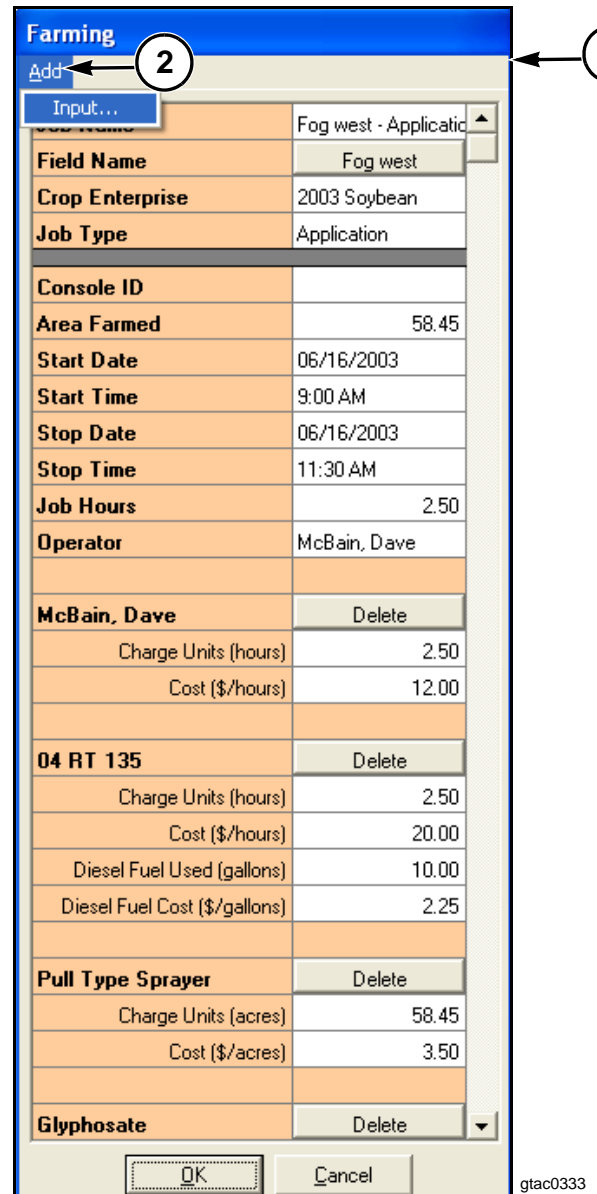
gtac0276

FIG. 12

# Application

## Farming Window

**FIG. 13:** The **Farming** window (1) can be brought up by selecting Properties. Once the Farming window is opened, additional inputs can be added to or deleted from the Job, at any time. Inputs can easily be added by clicking on the **Add** (2) menu option, within the Farming window, and selecting **Input**. Job Name, Field Name, Crop Enterprise, Start and End Date, Job Hours and others can be edited or updated, within the Farming window, at any time. This feature helps the user maintain accurate records.



The screenshot shows the 'Farming' window with a blue header. A circled '1' points to the window title bar, and a circled '2' points to the 'Add' button. The window contains a table of input fields and a list of inputs with their respective costs and units.

Field Name	Value
Field Name	Fog west
Crop Enterprise	2003 Soybean
Job Type	Application
Console ID	
Area Farmed	58.45
Start Date	06/16/2003
Start Time	9:00 AM
Stop Date	06/16/2003
Stop Time	11:30 AM
Job Hours	2.50
Operator	McBain, Dave

Input	Charge Units	Cost (\$/unit)
McBain, Dave	2.50	12.00
04 RT 135	2.50	20.00
Pull Type Sprayer	58.45	3.50
Glyphosate		

At the bottom of the window are 'OK' and 'Cancel' buttons. The text 'gtac0333' is visible in the bottom right corner.

**FIG. 13**

## Exporting a Planned Job

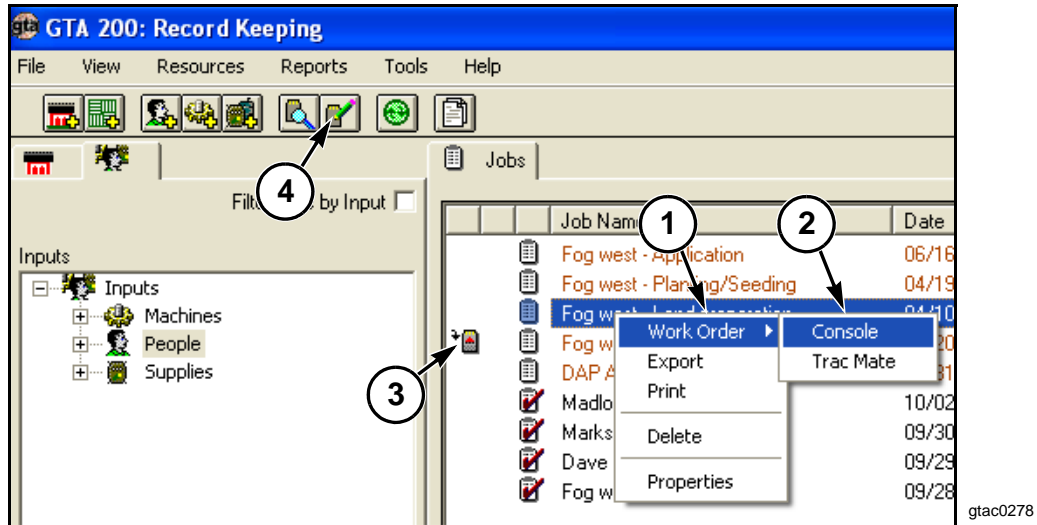


FIG. 14

**FIG. 14:** Once a Planned Job has been created, the user can export the data by right clicking on the job, selecting **Work Order** (1) and then **Console** (2).

*NOTE: A small down arrow icon (3) marks the Planned Jobs that are ready to be exported.*

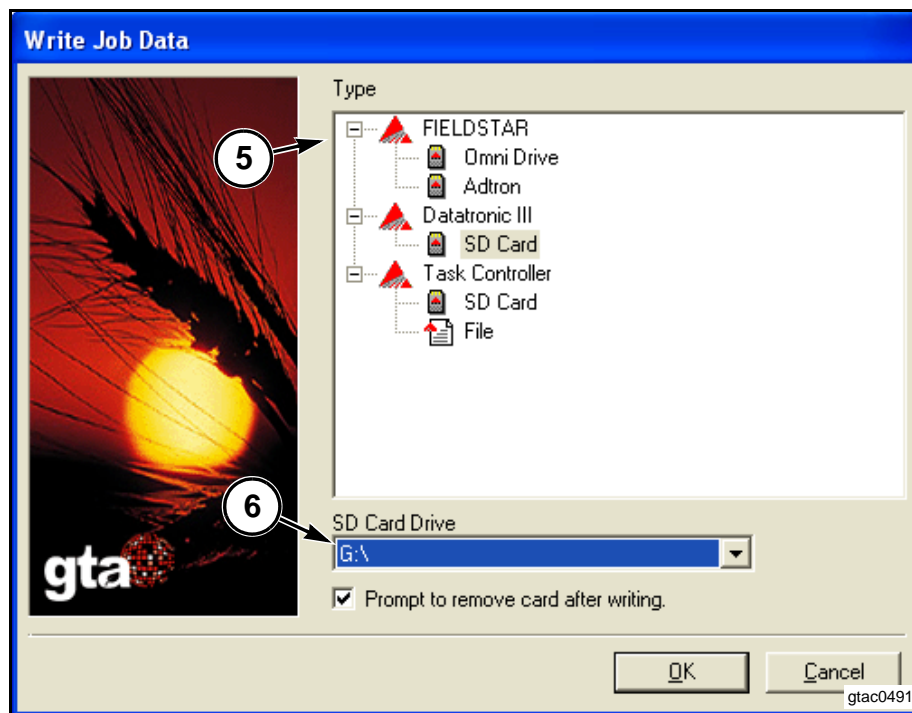


FIG. 15

**FIG. 15:** After a Work Order has been created, a job can be written to a memory card by clicking on the **Write Job Data** (4) button. This will open the **Write Job Data** window. The user should select the **Type** (5) of card and **Location** (6) they are using, for the data, followed by selecting OK. The card will then be ready to use in a GTA Console or Fieldstar Terminal.

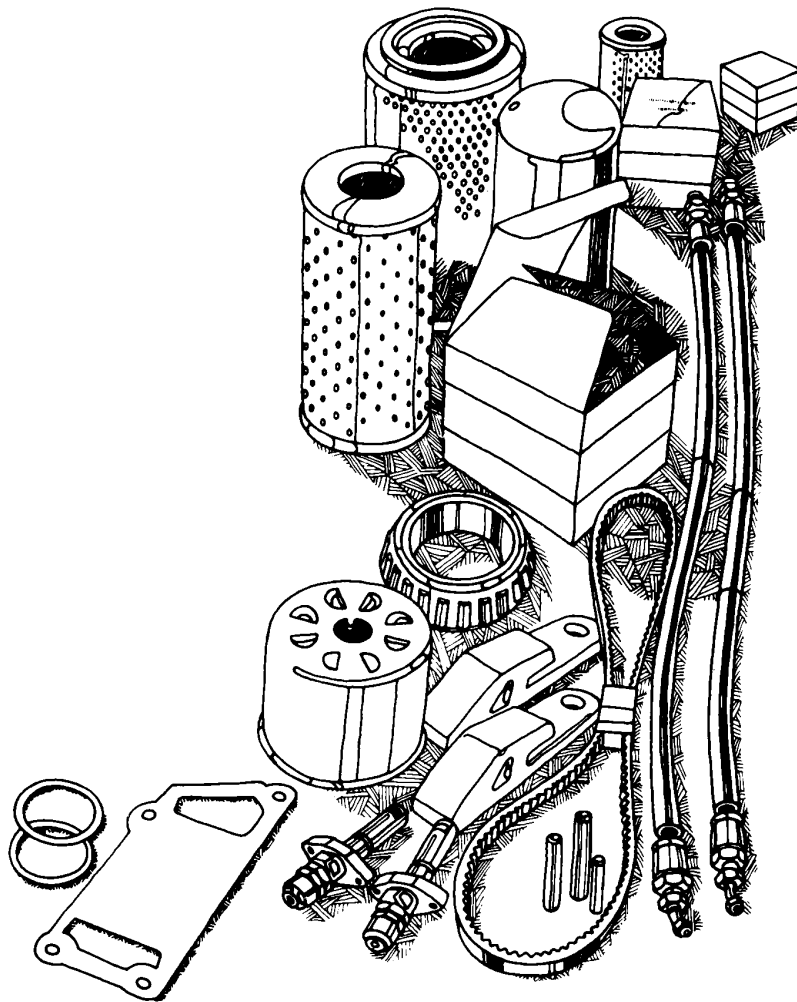




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