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AS OF 6/1/2011 TIGER AND POCKET JILL CAN ASSIST YOU WITH THE FOLLOWING MODULES (as needed)

A. TIGER JILL Engine: The program core that the module configuration is built upon.

1. **Accounting Interface Module:** The purpose of the interface module is to facilitate the transfer of information about material applications or accounts receivable from Tiger Jill to an accounting program

2. **Banding Module:** It is used to enter banded applications. A banded application is when a strip of area within a row is treated. The program calculates the total treated area and the materials to be used based on the ratio between the treated banded area and the total row area.

3. **Barcode Scanning:** Allows user to create barcodes for measurement locations then with a barcode scanner read measurement log data into Pocket Jill.

4. **Block Expansion Module:** Each module expands the database by 1000 blocks. The program is sold with the first 500 blocks included in the Multi Block Module.***

5. **Budget Module:** It is used to enter budgetary information for a specified crop. This information includes but is not limited to application charges and material expenditures. Either proposed dollar amounts or actual history dollar amounts (pulls information from previous year's data) could be used. The budget record is then linked to a season in each block. Reports can be generated showing budgeted amounts versus actual expenditures.

6. **California CEDTS Module:** This module adds the capability of importing text files that meet the specifications of California Electronic Data Transfer System.

7. **California School Reporting Module:** Healthy Schools Act of 2000: Pesticide Use Reporting and Record keeping, Approved 10/11/01; Effective 11/10/01, This action pertains to pesticide use reporting and record keeping requirements for licensed pest control businesses for worked performed on public school sites. Pesticide use at school sites shall be reported on Pesticide Use Report for School Sites Form PR-ENF-117.

8. **California Web Services:** Facilitates the transfer of NOI & Use data to California Ag Commissioners and customer Permit data from California Ag Commissioners.

9. **Charge Billing Module:** It is used by agribusiness as a complete accounts receivable system with the ability to prepare invoices, statements, record payments, and age accounts. **

10. **Commission Module:** It is used to calculate employee's commissions from within each application record, record the payments and maintain accounting of monies due.

11. **Connectivity Module:** This module is used to connect programs on different computers. It makes it possible to send records from one machine to the other like sending PCA recommendation from the PCA computer to the grower's or to the applicator. There are several versions of this module that also allow growers to send records to processors and for employees to send records from their laptops to a central server.

12. **Contract Module:** This module facilitates the relationship between the processor and the grower.

13. **Data Base Module:** This module provides basic material information for almost 1000 chemicals. Including EPA number, Type, Unit, Chemical number, Family, Category and Active Ingredients.

14. **Data Collection:** Allows data entry of all records without the rules of label verification and crop registration. It is does not validate if the material is registered for the crop. It also does not verify if the application exceeds limits when the label verification module is included.***

15. **Distributed Use Client:** This module is for an operation that has a distributed operation like a Pesticide dealer that has several PCA's that operate laptops (Client) in the field. Each laptop has only the blocks managed by the PCA. The Computer in the Main office includes the entire database. ***

16. **Distributed Use Server:** This module is for an operation that has a distributed operation like a Pesticide dealer that has several PCA's that operate laptops in the field. Each laptop has only the blocks managed by the PCA. The Computer in the Main office (Server) includes the entire database. ***
    (**12a. # of Operations in Server:** Each expansion increases the quantity of Operations allowed in the Distributed Use Server.***)

17. **Doane Module:** Facilitates the electronic transfer of data to Doane Research and Marketing using Web Services.

18. **DOT Module:** It is used to prepare Hazardous Material Manifest required by the Department of Transportation to transport pesticides. A manifest can be prepared for the materials of a single application or for those of several applications transported in one vehicle.

19. **Employee Exposure Module:** It is used to record and track an employee's exposure to any or all chemicals. The program will then prepare reports about the employee's exposure as required by the CDFA and CAL EPA.

20. **Employee Tracking Module:** Provides the ability to track employees' hours and wages.

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21. **Equipment Module:** It is used to record and track the use of equipment. It is useful for keeping track of equipment maintenance performed and/or service needed using the equipment log. It can generate reports tying equipment cost to specific applications. It can help to make decisions about costly and extensive repairs needed on equipment by maintaining the history of each piece of equipment's repairs.

22. **Fieldman Assignment Module:** Used with the Spray History Module it adds another level of tables for generating Validity Reports

23. **Fuel Tax Credit Module:** It is used by aerial applicators to calculate the fuel tax credit for each customer.

24. **Graphs:** This module will create bar and pie graphs on selected reports.

25. **GIS Interface Module:** Sends information to a Geographic Information System. Information that can assist decision makers to derive economic benefit as well as safety and regulatory compliance. All information entered into Tiger Jill application record - Materials, charges, measurement, crew, equipment and more can be driven into a GIS presentation. **Tiger Jill GIS Analyst** gives you the capability to integrate important tabular data into your business management tools. Its integrated approach, flexibility, consistency, and advanced analysis capabilities encourage thinking and provide a return on previous investment in data and advanced technologies.

26. **Golf Module:** This module is for use by Golf Course Superintendents. With this module the TIGER JILL Program will provide recordkeeping and management capabilities of greens and fairways. It can also help with many other course related administrative functions.

27. **Ground Water Protection:** This module verifies materials to the California Ground Water Protection regulations for leaching or runoff.

28. **Grower Notification Module:** This module allows the user to record when their customer has been notified of impending and/or completed applications, then generate the appropriate Pest Control Notice Report via email or fax.

29. **Harvest Records Module:** This module records the harvest records of blocks. This creates the capability of tracking multiple harvests in a single season.

30. **Harvest Analysis Module:** This module expands on the Harvest Record module allowing additional analysis of harvests based on the quality and grades of the crop.

31. **Ingredient Analysis Module:** Facilitates an updated analysis of active ingredients for the material(s) entered on an application record**.**

32. **Internet Links:** This module provides access to material label and MSDS information on the internet with a click of the mouse.

33. **Interval Module:** It is used to prepare a report on the first date when a block can be reentered and the first date when it can be harvested. The program is useful for calculating the correct amount of days/hours even when multiple chemicals are being used.

34. **Inventory Module:** It is used to record purchases of chemicals and track inventory on hand. The program has the ability to maintain separate inventories for multiple locations.

35. **Irrigation Module:** Records and tracks amount of water per acre, gallon, square foot etc. that has been applied to a piece of land (block.)

36. **Label Verification Module:** It is used to verify that a pesticide application meets the label requirements. The module checks the minimum, maximum application rate in a single application and over the entire season, the minimum dilution rate in air or ground application and the total number of applications over the entire season.

37. **Mapping Module:** It is used to draft detailed maps of the different blocks or applications. It has the ability to import into the database existing maps or you can create new maps within the program.

38. **Material Billing Module:** It is used by operations that sell chemicals like dealers or applicators. It is used as a complete accounts receivable system to prepare invoices, statements, record payments and produce aging reports. **

39. **Material Mixes:** It adds the capability to define Material Mixes. A Material Mix is a record of several materials that are applied in the same tank.

40. **Material Price Schedule:** The Material Price Schedule module provides the ability to mark up or reduce material prices by specified percentages.

41. **Measurements Module:** It is used to record agricultural and urban measurements that are independent of an application including weather, moisture, leaf, tissue, soil or water measurements.

42. **Measurement Analysis:** Used with the measurement module, this module will create analytical reports from the agricultural measurements entered.

43. **Modem Transfer Module:** It produces an ASCII file according to the standards of the California Electronic Data Transfer System (CEDTS). The file can be used to transfer Notices of Intent (NOI) and Pesticide Use Reports (PUR) from Pest Control Operators (PCO) and Growers to the California Agricultural Commissioners (CAC).

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44. **MSDS Module:** It is used to record the Material Safety Data Sheets and produce reports. It has the ability to import MSDS labels from various sources, like the web or manufacturer provided files.

45. **Multi Block Module:** It makes it possible to track the treatment of unlimited number of blocks that have the same site ID given by the Ag Commissioner. The program module is sold with 500 blocks and with the block expansion module you have the ability to setup an unlimited amount of blocks.

46. **Multi Owner Module:** It is used to expand the program to track information of several owners. It adds an extra level to the hierarchy or organization structure of the sites, blocks, etc. This program module is sold with 100 owners and with the Owner Expansion Module you have the ability for an unlimited number.

47. **Multi Season Module:** It is used to accumulate site records over several seasons. It gives the program the ability of having different crops planted in the same site, each with different site id numbers as assigned by the ag commissioner.

48. **Multi User Module:** It is used to distinguish between the users of the program and allow only those that received a password from the supervisor to access it. It is also designed to prevent anyone other than a supervisor from accessing sensitive areas of the program.***

49. **Multiple Monthly Module:** This module produces monthly reports that include several sites on the same page. The reports are Multiple Site/Commodity PR-ENF-183 and Multiple Section PR-ENF-184.

50. **Network Module:** It facilitates the use of the program on a computer network. Level 1 is for 3 or less users, Level 2 is for 4-9 users, and Level 3 is for 10+ users.***

51. **NOI 7 Day Use Report:** This module is used to create the California Notice of Intent to Apply Restricted Use Materials.

52. **Non Crop Module:** It is used to record applications outside designated field sites and to produce the monthly non-crop report. It can also be used to record and track other types of site related applications like irrigation, scaling, pruning, etc.

53. **Owner Expansion Module:** Each module expands the database by 100 owners. The program is sold with 100 owners included in the Multi Owner Module.***

54. **Organic Module:** provides users the ability to input, verify and track certified organic applications and crops. TIGER JILL will verify when creating applications if the materials are Organically Certified and will not let you save the record if it is not.

55. **Outlook Export Module:** TIGER JILL exports applications with information like materials, measurements, equipment, crew or comments to be imported into Outlook Calendar.

56. **PCA Module:** It is used to produce Pest Control Advisor recommendations. The program is capable of some customization to the need of each advisor by designating in their preferences what lines and columns of the report to include or remove. These lines and columns include but are not limited to, the Water Volume line, Material Text and Comment lines, Material Rates, Totals and Dilution columns. **

57. **Permit Module:** It is used to ensure that any restricted materials used in an application are included in a site's permit. The program allows an unlimited number of restricted materials to be entered for each site.

58. **Planting and Seeding Module:** Records and tracks planting or seeding dates, quantities, acreage, etc.

59. **Pocket Jill:** This is a program that runs on handheld devices that use Windows CE. The data is entered in the field and then uploaded in the office to a desktop computer. The data can include pesticide application, soil, crop, cultural activity, trap counts, irrigation events, and other variables via the handheld device.

60. **Processor Client:** This module is used to send spray history communication automatically from the grower to a food processor.***

61. **Processor Server:** This module is used to receive spray history communication automatically from growers to a food processor.***

62. **Recommendation Expert:** The recommendation expert module has been designed to help the user address their recommendation needs - recommendation that can draw knowledge from past experience as well as from data base information. Materials can be displayed for a specific pest problem for a unique crop situation relative to effectiveness and price advantage. **

63. **Residue Analysis Module:** Used with the Measurement Analysis Module it facilitates the analysis of chemical residues on pre-harvest and post-harvest crops. When material records are created a Measurement Record with the Measurement Type of Residue is created at the same time.

64. **Scheduling Module:** allows users to create schedule reports of when chemical applications, plantings, or any other cultural activity will take place.

65. **Service Charges Module:** It allows the ability to calculate and add service charges to any or all, delinquent accounts. The program allows you to designate your own percentage rates and delinquency periods.

TIGER JILL INCLUDES THE FOLLOWING MODULES (Cont)

66. **Shipper Packer Module:** It is used to prepare a report to the shipper packer. It is a detailed report specifying the active ingredients used, dilution rates, the harvest interval and more.
67. **Spanish Module:** This module produces reports in Spanish, WPS lines and warnings can be defined in Spanish and selected reports may include Spanish titles.
68. **Split Billing Module:** With this module, you can split the billing of any site among up to 10 different operations. Ideal in situations where land is leased out and portions of an application needs to be billed to separate operations. The Split Billing module includes several very useful features. It facilitates the invoice to be split among as many operations as needed. It makes it possible to have one percentage split for charges and another percentage split for materials and allows the inclusion of only specific material types in the part that is paid by the landlord.
69. **Spray Calculator Module:** The Spray Calculator module will help you establish the data for the calibration of your sprayers, air & ground crop sprayers and fertilizer/powdered chemical applicators.**
70. **Spray History Module:** This module gives the capability of collecting and validating records. Used with the connectivity module it allows the user to import records from outside sources.
71. **State Use Reports:** It produces official use reports of several states including California, Arizona and Washington.
72. **Traceability Module:** Provides reports and record keeping ability to comply with General Agricultural Practices and commodity export requirements
73. **Training Module:** It is used to record training of employees in the use of materials. The program produces a certificate to be signed by the trainer and trainees and documents the training. If the program includes the employee exposure module, the module will verify that each employee was trained to use the materials in any application..
74. **Work Order Module:** It is used to prepare application work orders and includes information like tank mixes and required protective clothing. Like the PCA Recommendation it has some customization features by selecting items in the preferences. **
75. **Worker Protection Standard Module:** It produces a report that satisfies federal regulations of **Worker Protection Standards** that requires posting in a central location all pesticide applications, active ingredients and their reentry intervals.
76. **Yield Estimates:** The user records measurement logs with clusters per vine and cluster weight. The program uses those measurements to calculate and produce reports for Yield Projections and Estimated Thinning Requirements taking into account user defined Growth Factors.

** Orange Enterprises can customize any of your reports, invoices, statements, recommendations or work orders based on your operations needs.

***Contact Orange Enterprises for more specific information regarding this module and your operation's specific needs.