









Figure 5. Example of date palm trees care

If a user clicks a date palm tree information button, the corresponding screenshot in Figure 6 will be displayed which contains brief information about date palm.



Figure 6. Date palm information page

### 3. Results

After the system was created and was ready, the testing process was being conducted to evaluate the system performance. This step was achieved by testing the system practically with some samples. The results given by the system have been validated by domain experts. The results indicated that the system succeeded in estimating the correct diagnosis.

### 4. Conclusion

In this work, web expert system was established. The main objective of it was to provide a fast solution for user to early detect the date palm's diseases. The contribution of this study will be helping farmers to control the problems in their date palm earlier. For future work, the domain of the system will be extended to accommodate new types of date palm diseases.

### 5. References

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