TRANSITIONING WEEDSOFT TO INTERNET-BASED GENERAL ACCESS APPLICATIONS.
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   WeedSOFT has been a widely used computer program since its inception. It has been evaluated or cited in at lest 23 referred journal articles since 2000. Approximately 2345 copies of the 2002-2006 versions (average of 469/year) were distributed to individuals in at least nine states. It has been primarily used by crop consultants and extension personnel. Computer technology has progressed to the point where migration of this program to an internet-based format is desirable. In September 2006, the decision was made by the WeedSOFT working group to discontinue the annual updates and transition portions of WeedSOFT to an internet-based platform.
   Utilizing an internet-based format will provide the following advantages and functionalities:
- There is potential to reach a greatly expanded audience. The program will be available without subscription costs to any individual with internet access in the world, although the data in the model will apply primarily to users in the North Central United States. It will be easy to reference and demonstrate in weed management presentations. The web-based format will enable the development of online lessons that use WeedSOFT to teach principles of integrated weed management (IWM).
- The ability to more easily expand program features and content. Components of WeedSOFT Advisor will be developed into more focused tools, such as WebAdvisor, Yield Loss Calculator, Tank-mix calculator, Range and Pasture Advisor. This will simplify the amount of user-input and will allow the user and educators to highlight key principles of integrated weed management without having to enter large amounts data unrelated to the specific principle. It will also simplify the process of adding new tools.
- More emphasis on will be placed on the principles of IWM. The initial tools to be available at www.weedsoft.org will be less focused on herbicide selection and more focused on the effect management decisions have on weed control and yield loss, especially timely herbicide applications and the value of residual herbicides.
- Improved timeliness of updates and data content. WeedSOFT online can be updated at any time and all users will have the most current information possible.
- Login capabilities will be added. For individuals who register and save a profile it will simplify the amount of input required to run various scenarios.
- Creating a more intuitive and attractive user interface will enhance usability.

   The site utilizes active server pages (.asp) platform. The data has will be streamlined and converted to Microsoft SQL Sever database. www.weedsoft.org is the new internet address for WeedSOFT. This transition is a necessary improvement to maintain the viability of this program into the future.