**Application software for Agricultural purposes**

 They are different operations involved in the Agricultural sector and as the world is evolving, the need for the application of computer into the agricultural sector is very advisable. They are various types of application packages and they all have different functions in Agriculture.

1. **Word processing software**: This tool is used to create letters, word sheets, type papers etc. Eg**:**MS Word, Word pad. This is very vital in keeping records and files, for example; feed formulation records, improved farm techniques.
2. **Spreadsheet Software**: A tool used to compute number intensive problems like forecasting, budgeting etc. Eg: MS Excel, Quattro Pro, Lotus 1-2-3. They are usually used in creating farm budgets, creating graphs which are very important for the business aspect of agriculture, because the aim for every business is to make profit.
3. **Communication Software:** Allows to connected computers to communicate each other using audio, video or chat-based medium. E.g: MS Net Meeting, Skype, Zoom. This allows farmers to interact and connect with different farmers and stakeholders around the globe to share ideas and improved farm practices and techniques
4. **Internet Browsers**: This tools allows one to surf the web, read their emails and also create web pages. Eg: Google chrome, MS Internet Explorer. This can be very useful in the help of marketing farm produce to the consumers. It can be used to create webpages for consumers to have a view about the produce of the farm
5. **Database Software**: Used to store data like text information, etc. which helps users to sort information accordingly. Eg: MS Access, FileMaker Pro. The significance of database cannot be ignored, it is very important farmers keep records of everything, especially in animal husbandry, the famer needs to track  individual animals, information such as age, health records, milk production, offspring productivity, and reproductive cycle status
6. Email Programs: This software is mainly used to send and receive emails. Eg: MS Outlook, G-mail. This serve as a medium for farmers to send electronic messages to various stakeholders.

Geographic Information Systems (GIS) are being used for developing ranking systems that evaluate land and provide a site assessment to aid what is now known as precision agriculture. These hi-tech, interactive systems provide information based on a variety of factors such as soil conditions, drainage and slope conditions, soil pH and nutrient status, etc.

Global Positioning System (GPS) based technologies also help to monitor irrigation, field mapping, soil sampling, tractor guidance and crop scouting. This kind of technology equips farmers with enough information to increase crop yield in a manner that is consistent with the best environmental practices for sustainable agriculture.