



# decision ag

## Farm Smart Tools for Better Profits

### Get help from the experts

Cotton Growers Services are proud to present to you our Precision Ag offerings for the 2017/18 summercrop season. As market leaders in the field of Precision and Decision Agriculture, we feel that now is the best time to discuss the available options with you. As you are used to in dealing with us, your local CGS Agronomist is your partner, and links the knowledge and experience that is present in the CGS network of branches.

Here's to a smart and profitable season for all!

### How it works

The main premise of Precision Agriculture is the managing of fields on a zone-level, rather than a whole field level. Managing your crop in zones ensure that each part of your field gets the optimum amounts of nutrient, pesticide, growth regulator and defoliant. While this can save inputs on the one hand, this will also optimise your yield; especially in those years where water is scarce and crop management becomes even more difficult.

### How can I use Precision Ag on my farm?

Precision Ag is available in many shapes and forms and only you can decide what might be needed on your farm. The main premise is that every form of Precision Ag adopted on your farm should be able to get translated into a Decision. One that either cuts your costs or allows you to increase your yield.



Any form of Precision Agriculture that only provides you with a 'pretty picture' but does not allow you to change any decision that is part of your crop management is only an expense and quite often obsolete.

CGS has adopted a suite of software which is the only platform that not only offers 'data storage' but acts as a 'data analysis' platform. By layering information and then performing regressional analyses, cropping trends can be analysed and crop-management decisions can be modified.

## How does CGS help me make Informed Decisions?

Simply said, we go beyond providing a 'pretty picture'. When you deal with CGS, the same person that designs & conducts your pre season soil sampling, is the person with whom you collaboratively develop your seasonal nutrient budget, who then develops, writes & installs your variable rate fertiliser scripts & finally collects and also processes & analyses your yield data.

This continuity of care ensures that your investment in site-specific management is supported by an advisor who understands your individual needs, understands the relevant local agronomic practices and can help you manage your site specific data.

## Where do I start?

Anywhere is a good place to start, when it comes to Precision Ag. Any operation performed on your fields that produces data, is worth recording. You might not be able to record data from every operation and that is no problem. The most important part is that you start to record the data that you do have on one platform, so you can build from it, create a database that is valuable to your farm and start analysing this data to better inform your every day decision making.

## Where can precision farming lead to?

In theory, the potential for precision agriculture technologies is endless. The more data you collect, the more analyses you can perform and the better your decision making will get. It is reasonable to expect however that, in the years to come, our analyses will improve with the knowledge that is gained. It becomes therefore even more important to start storing all your spatial farm data on one platform, so that you are ready to utilise new knowledge as it becomes available, on an established dataset and with multiple years of data available.

Our best advice to you:

**Ask us what you can do to start your Decision Ag journey today;  
we will assist you every step of the way, to a more profitable tomorrow.**

