



Bayer CropScience

Testing protocols: Use of Test Cases

Testing using test cases - Why required?

“a test case has two purposes: either to expose an error, or to demonstrate correct execution.” - Jorgensen

- ◆ Validate expectations and customer requirements
- ◆ Verify use-case works, and if other use-cases are not affected
- ◆ Can check if use-case is 'logical'
- ◆ Can check if use-case generates/updates valid data
- ◆ Simulate 'real' end user scenarios
- ◆ Expose errors or defects
- ◆ **Document QA measures**

What do we have now?

Cropforge – new feature request, bugs,

CropWiki – ‘manual’

Developers

Requestors (requestors who are the testers)

What we lack: a dedicated tester

But with or without this tester, it is still possible to accomplish the purpose of testing via a good use of test case

Case example: [Intrack testing](#)

Benefits

Easy.

Straightforward

Captures/document use-cases/workflows

-A software with far LESS BUGS!

Who can write? Who can test?

Anyone! User, Developer

Good practice:

Add test cases in parallel with bug fixing/implementing new feature requests!