

# How to run a successful on-farm trial



# What first?

- What is the issue?
  - Liebe staff look for research topics from:
    - R&D committee
    - Other members via phone or farm visits
- Identify the research question/s
- Important to tease out what the question is!

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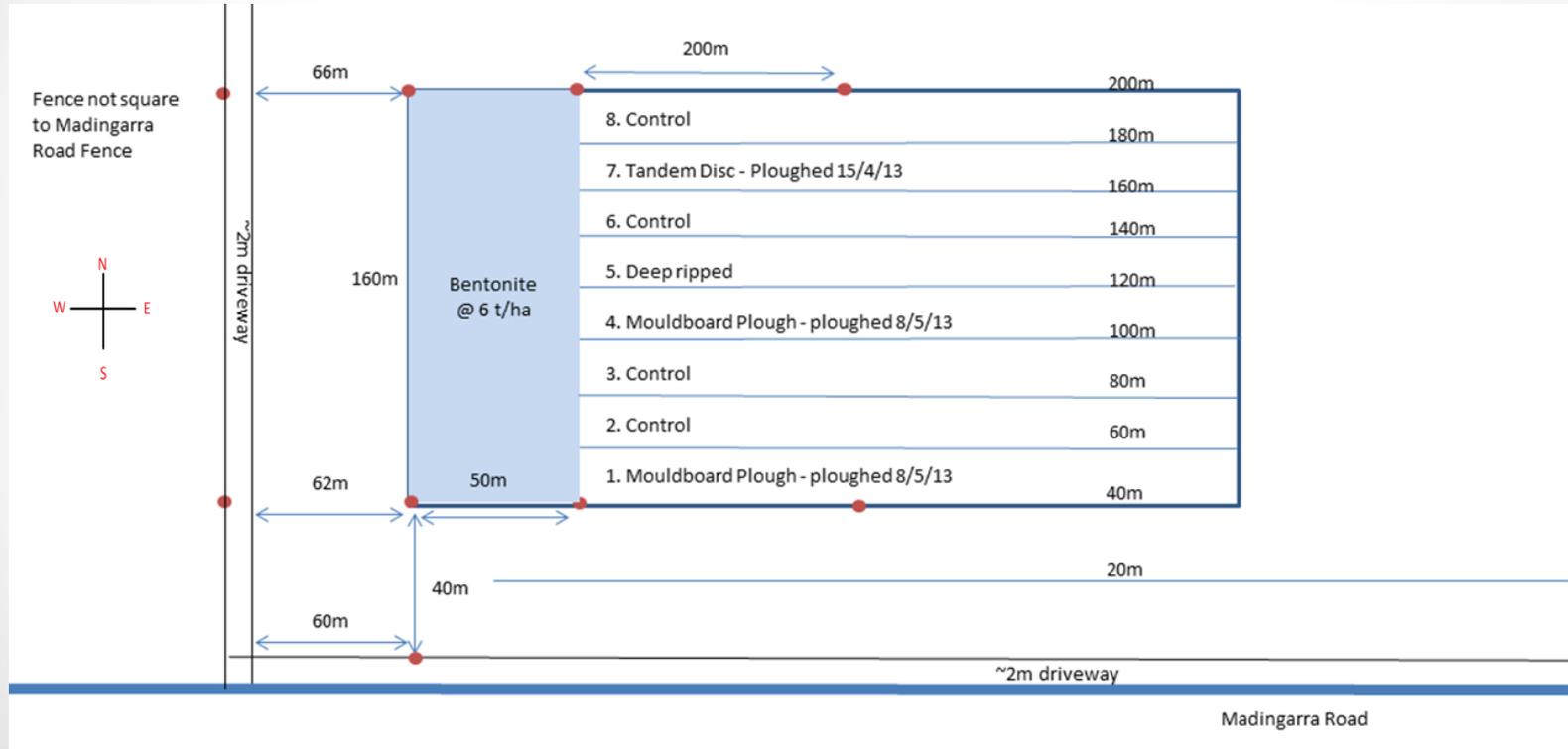
# Project committee

- Form a project committee
  - Growers, researchers, agribusiness
- Hold a meeting to discuss
  - Issue/s
  - Treatments
  - Suitable sites i.e. what is required?
- Drill down on treatments
- Keep the committee in the loop
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# Site selection

- Factors to consider:
  - Soil type
  - Site constraints
  - Site gradient
  - Project budget
    - Small plot trial or famer scale trial?
  - Farm practice
    - Control traffic
    - Paddock history
    - Machinery size

# What not to do!



# 2016 Main trial site

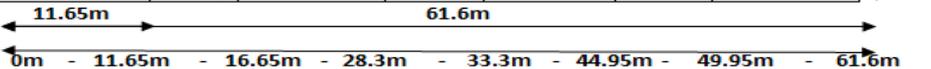
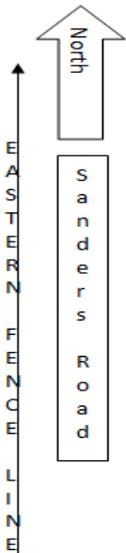


# Treatments

Treatment #	Treatment /Incorporation	Treatment /product	Rate t/ha
1	Untreated	Untreated	0
2	Spaded	Untreated	0
3	Grizzly	Untreated	0
4	Untreated	Lime	3.2
5	Spaded	Lime	3.2
6	Grizzly	Lime	3.2
7	Untreated	Dolomite	3.4
8	Spaded	Dolomite	3.4
9	Grizzly	Dolomite	3.4
10	Untreated	Lime +Dolomite	1.65 (Ratio 1:1)
11	Spaded	Lime + Dolomite	1.65 (Ratio 1:1)
12	Grizzly	Lime + Dolomite	1.65 (Ratio 1:1)

Osborne Road

Rep 4		Rep 3		Rep 2		Rep 1
5		7		6		1
412		301		212		101
4		12		4		2
411		302		211		102
6		4		10		3
410		303		210		103
3		6		7		4
409		304		209		104
1		3		11		5
408		305		208		105
10		8		12		6
407		306		207		106
11		5		8		7
406		307		206		107
2		9		3		8
405		308		205		108
7		10		2		9
404		309		204		109
9		2		5		10
403		310		203		110
12		1		9		11
402		311		202		111
8		11		1		12
401	5m	312		201		112



# Seeding



# Summary

- Clear research question
- Preparation
- Site selection
- Farmer/researcher consultation

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