

Long vane setup 24Apr2026

Long vane only, this is not a CV test, not a short vane test

Goal

- How to adjust for max distance

Note

- 21m tray hardly changes, it's at the ballistic limit for this batch
- With overlap and fill, 15% cv at 40m swath

Urea 100kg/ha

spinner 900RPM

36m swath

30mm door

14km/h

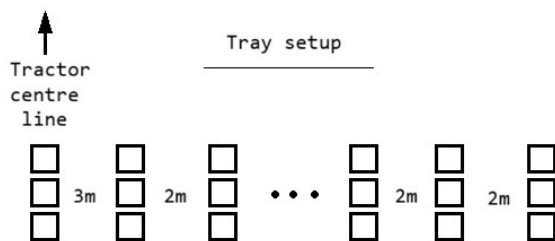
Wind 5km/h West to East

Tractor travel West to East

Spinner elevation 14deg

Long vane 380mm with 45deg back wall fold

Short vane 280mm with vertical rear wall



Test no1

Long vane 3deg rake (leaning full forward)

Spinner position full forward

Result throwing forward too much, hitting shroud

Test no2

Long vane 18deg rake (leaning full back)

Spinner position full forward

Result throwing less forward, but lost mass at 17m tray

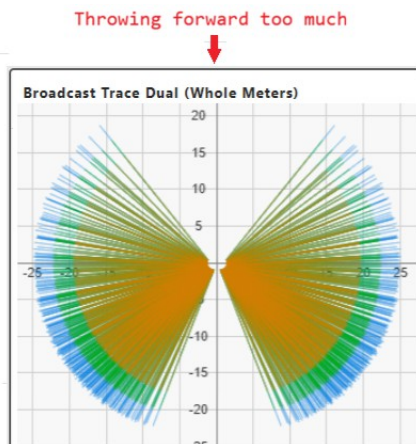
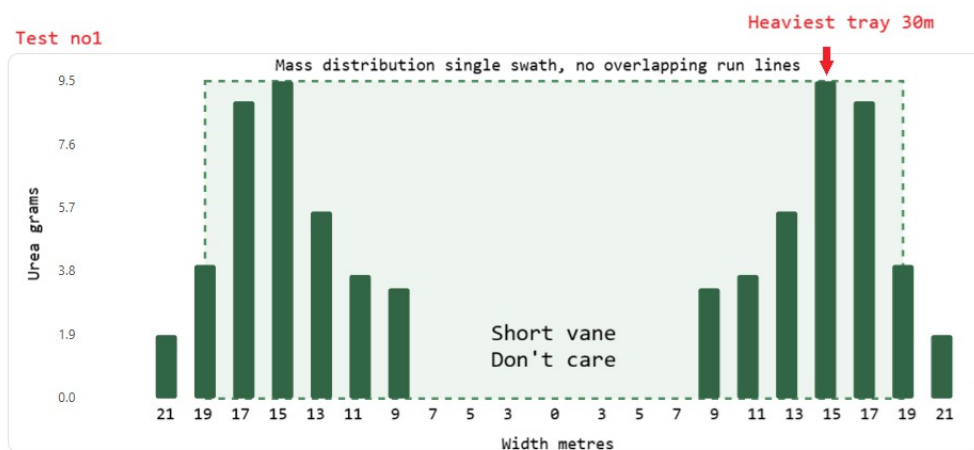
Test no3

Long vane 3deg rake (leaning full forward)

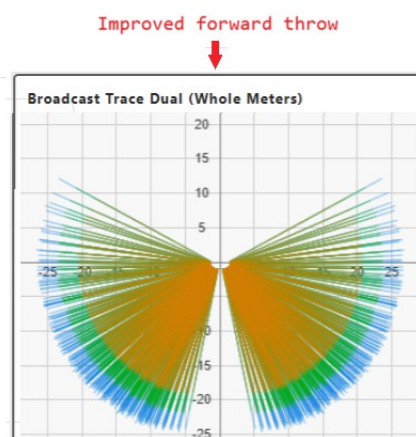
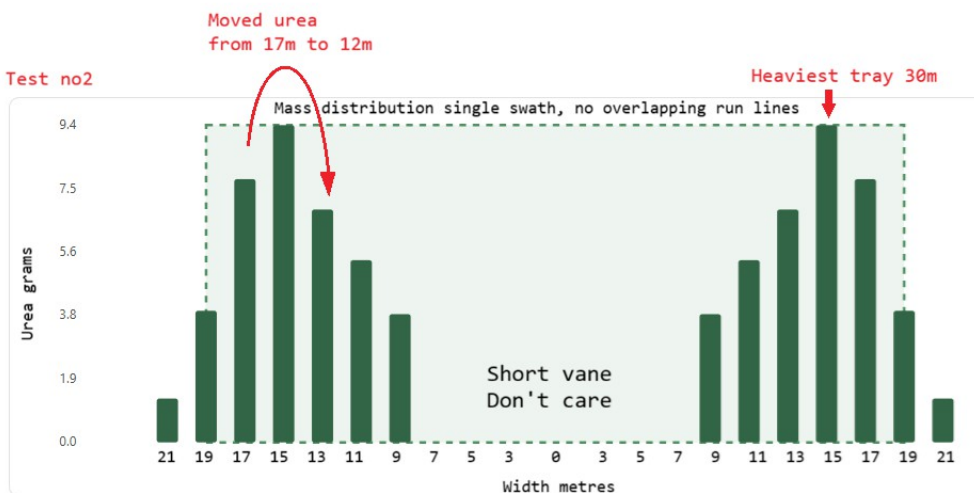
Spinner position 1hole back from full forward (moved back 40mm)

Best result, max throw out sideways

Test no1



Test no2



Test no3

