

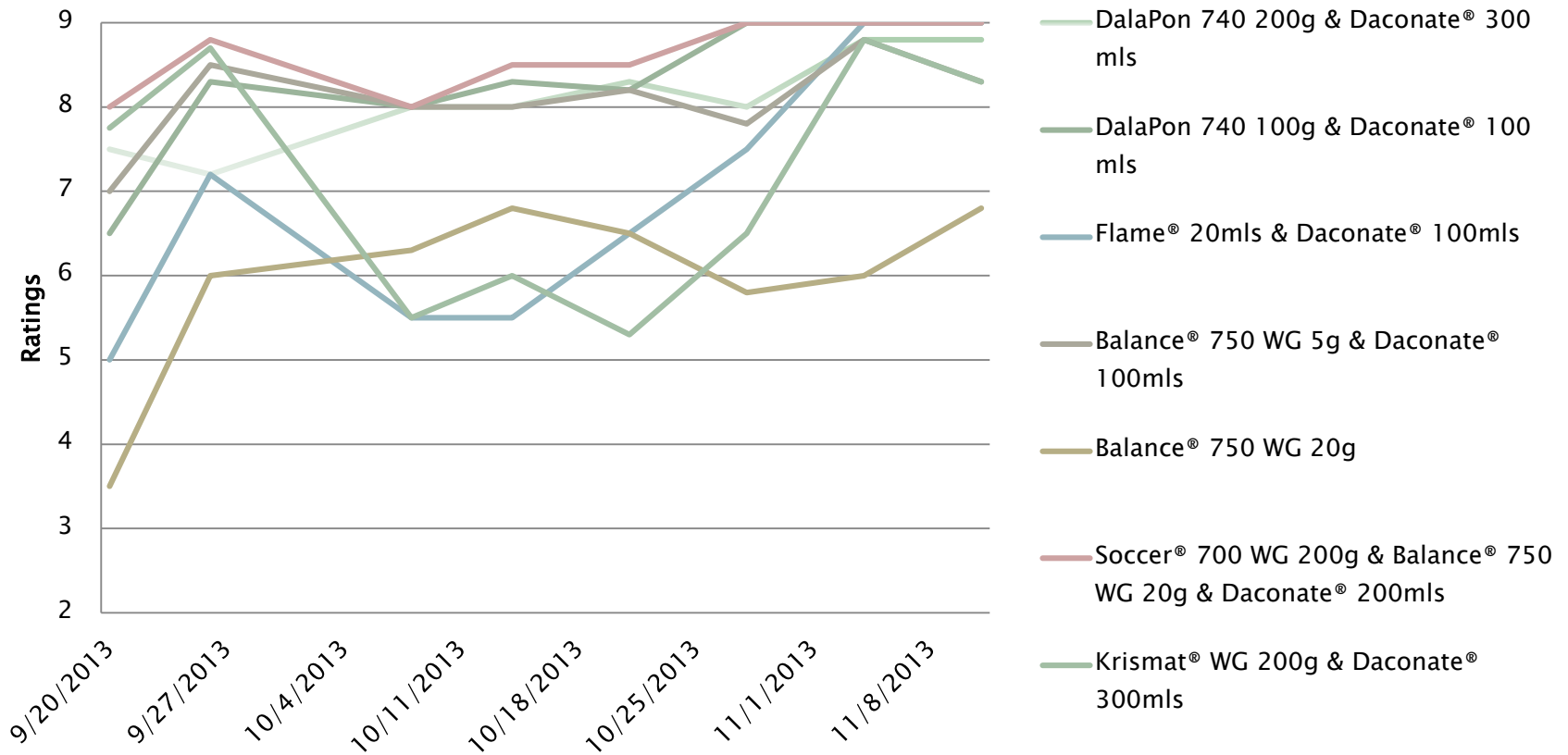
# Spot spraying to manage Guinea grass and Para grass without Diuron, in ratoon sugarcane

- ▶ : Guinea grass (*Panicum maximum*) is a clump-forming perennial that may grow to 3M tall. Para grass (*Brachiaria mutica*) is a perennial creeping grass that will root at each node. Both grasses are difficult to manage in crop and cause yield loss



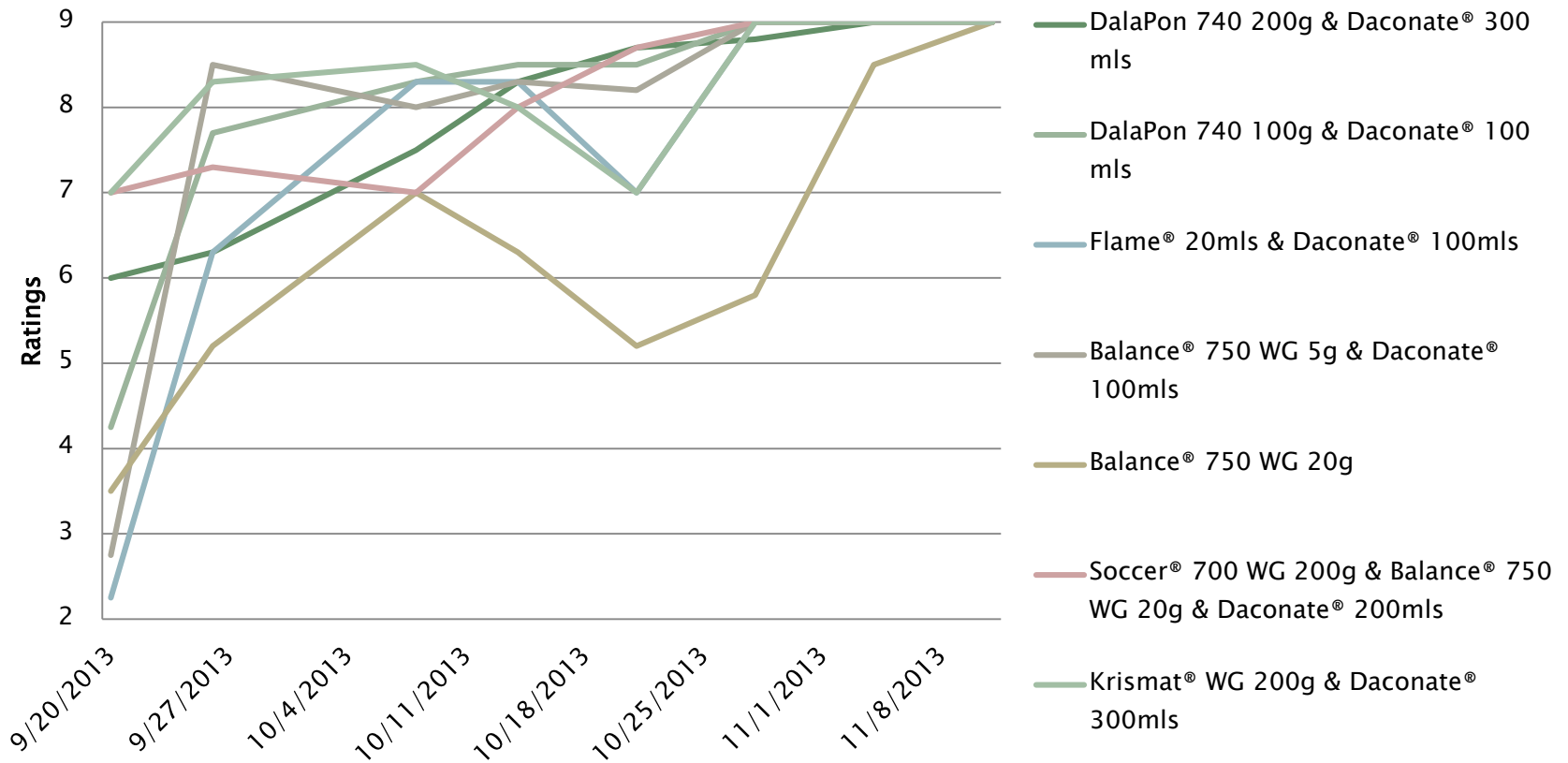
# Guinea grass spot spraying

## Guinea Grass Control



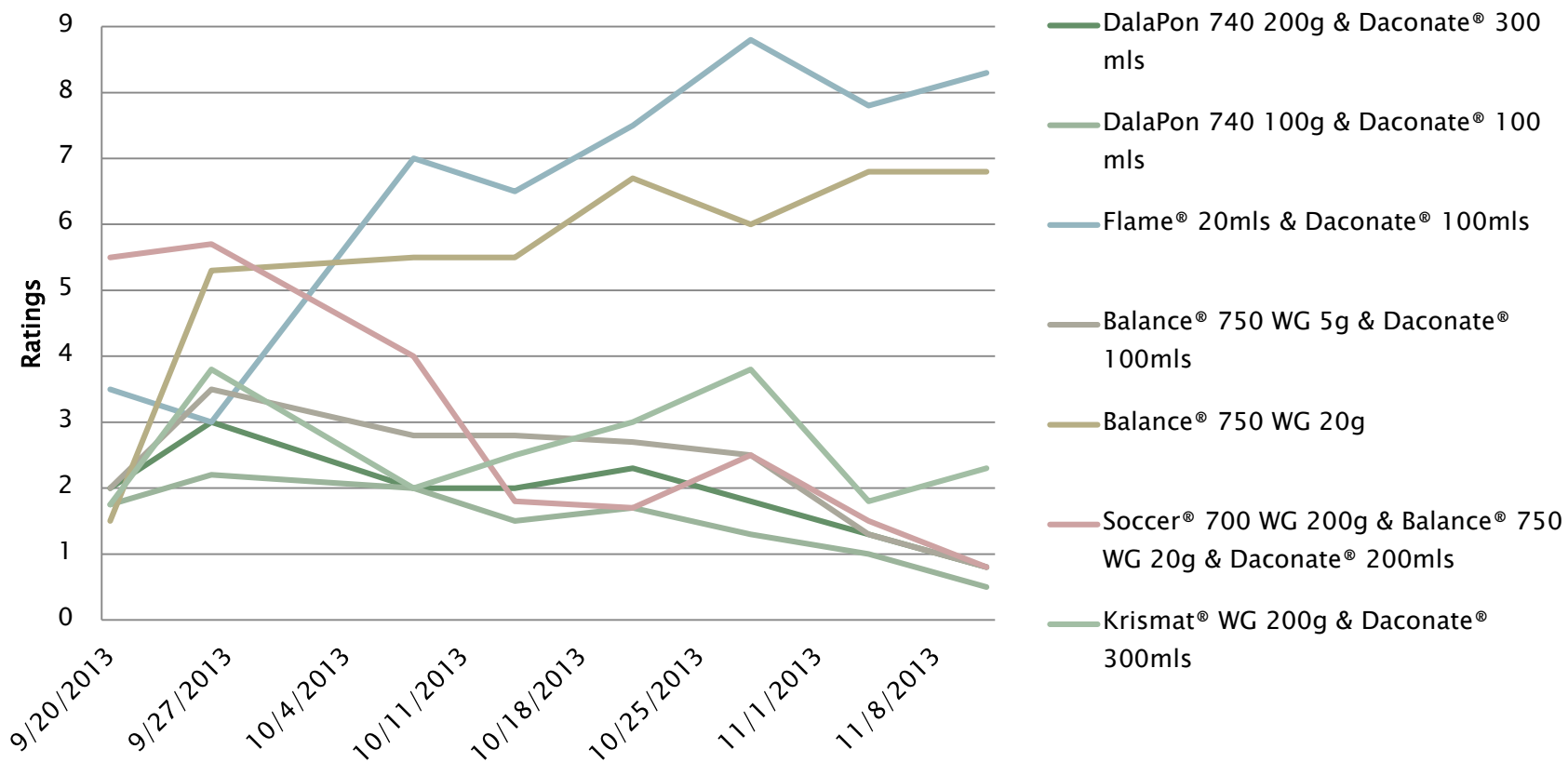
# Para grass spot spraying

## Para Grass Control



# Cane Phytotoxicity Ratings

## Spot Spraying Cane / Phytotoxicity



# Conclusions

- ▶ The Flame<sup>®</sup> mixture as well as Balance<sup>®</sup> application resulted in unacceptable crop damage.
- ▶ Control was achieved without using Diuron
- ▶ Control was achieved with the following herbicide treatments per 100L of spray tank volume
- ▶ Propon 2kg plus Daconate<sup>®</sup> 3L plus wetter
- ▶ Propon 1kg plus Daconate<sup>®</sup> 1L plus wetter
- ▶ Balance<sup>®</sup> 50g plus Daconate<sup>®</sup> 1L plus wetter
- ▶ Krismat<sup>®</sup> 2kg plus Daconate<sup>®</sup> 3L plus wetter
- ▶ Soccer<sup>®</sup> 2kg plus Balance<sup>®</sup> 200g plus Daconate<sup>®</sup> 2L plus wetter

A follow up application may be required