

2011 Postemergence Liverwort Control Trials

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Preparing the liverwort for treatment



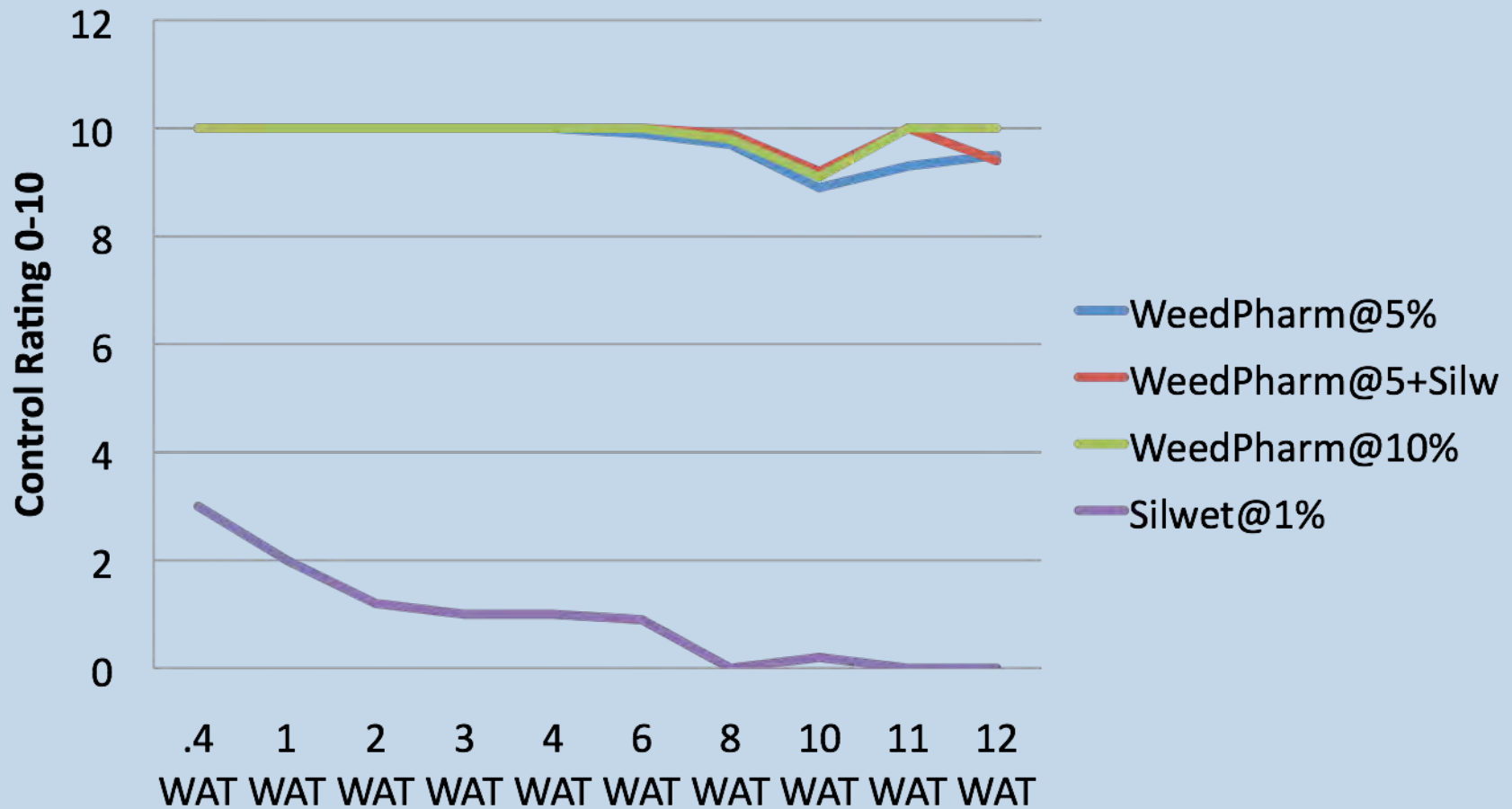
Liverwort at
day of
treatment



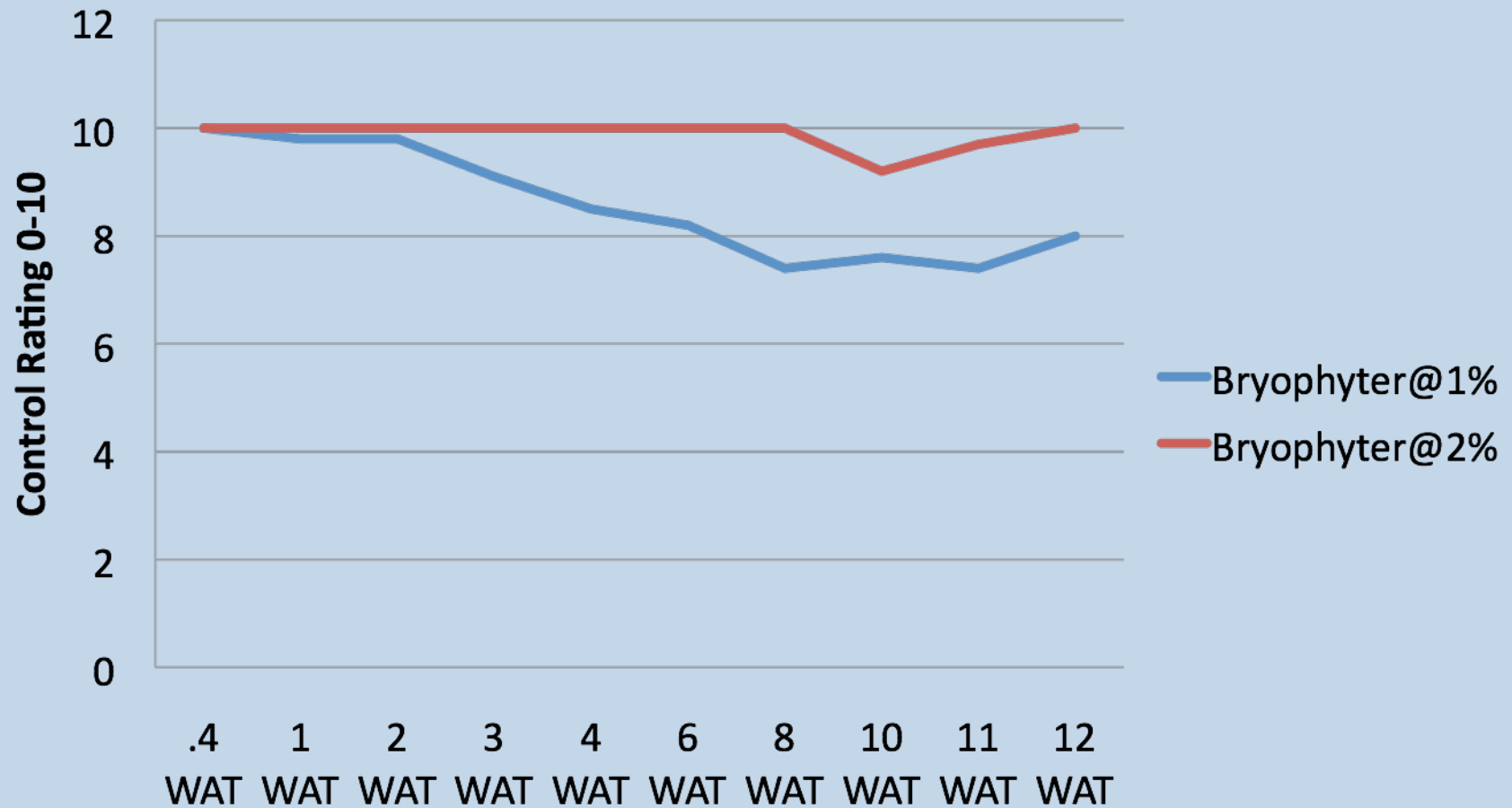
Materials & Methods (Trial 1)

- 10 individual containers/rep
- All spray treatments applied @ 102 GPA.
- Liverwort was spread onto media 2/20/11.
- Treatments were first applied 4/15/11 when the gemmae covered the surface 50-70%.
- If re-treatments were needed, they were applied if the initial treatment lost about 30% efficacy.
- In this study, one retreatment was needed in some plots at 6 WAT.

Weed Pharm (acetic acid)



Bryophyter (oregano oil)



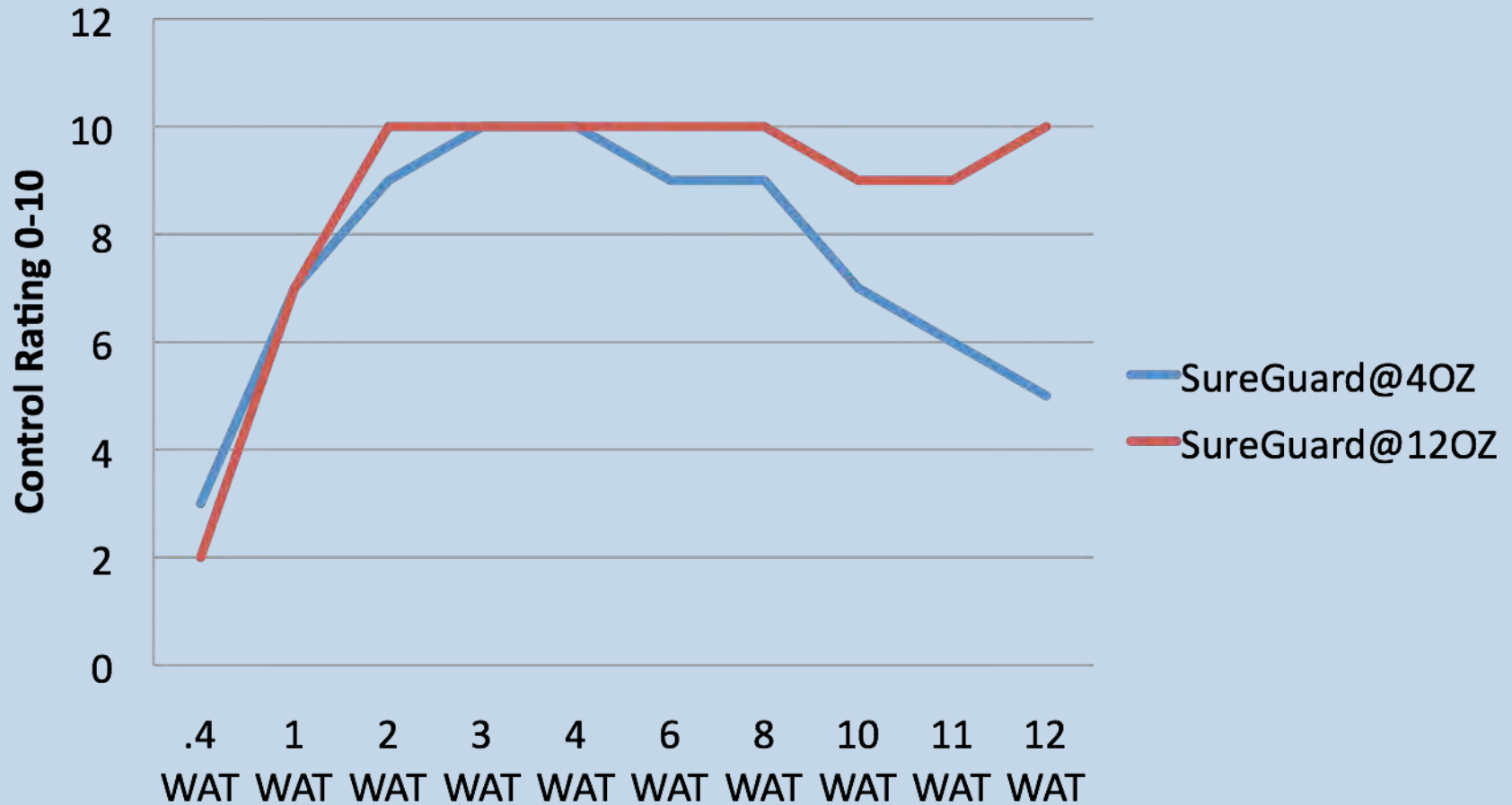
Scythe (pelargonic acid)



Green match (d-limonene)



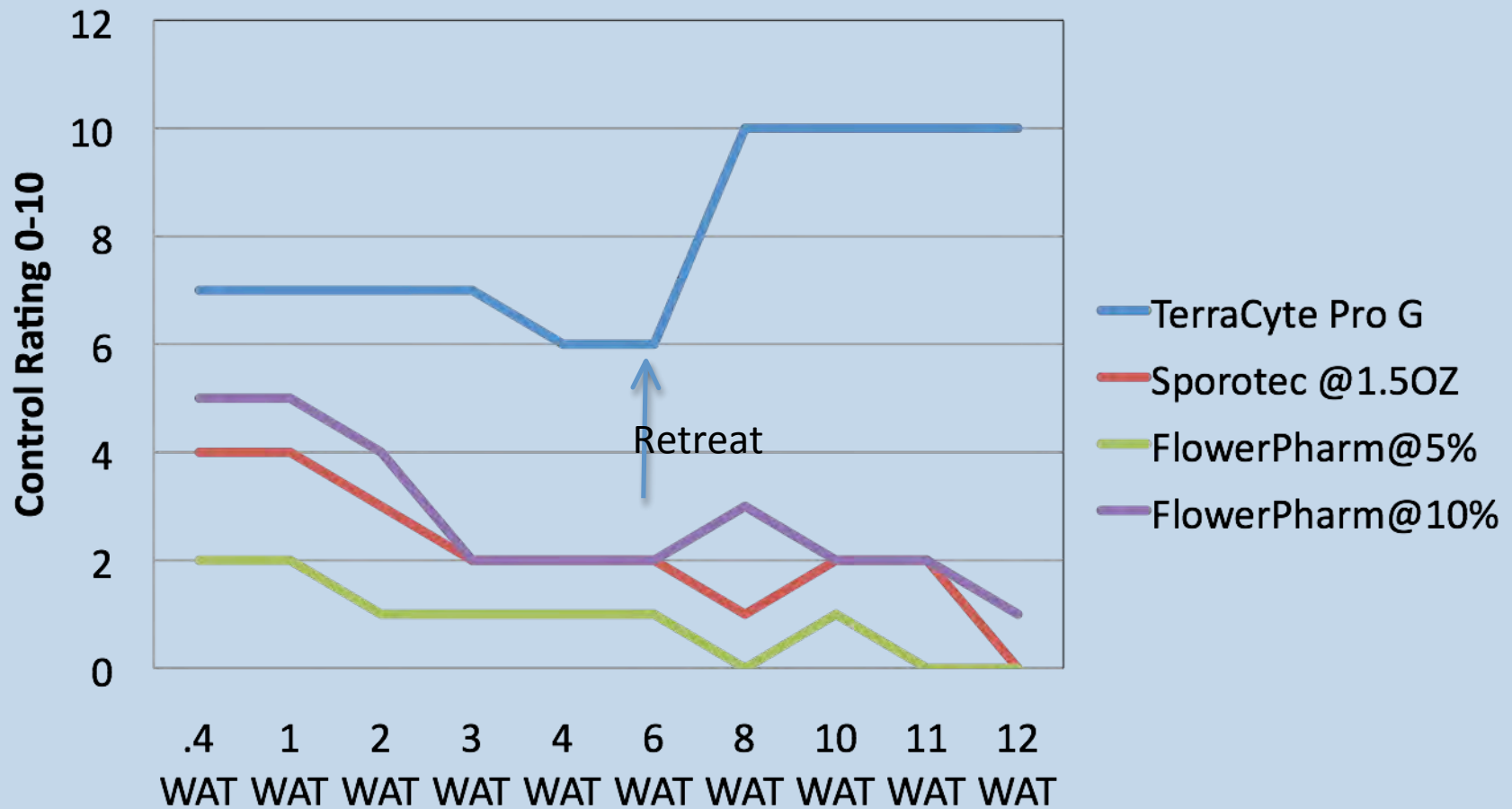
SureGuard (flumioxazin)



Racer (ammonium nonanoate)



TerraCyte, Sporotec, FlowerPharm



Results:

- Several treatments provided excellent control with one application for 12 weeks.
- Weed Pharm, Bryophyter & Scythe provided equivalent control to SureGuard.
- Some other materials worked well with a repeat application.