

## **BAB V PENUTUP**

### **5.1 Kesimpulan**

Setelah melakukan penelitian, pengamatan, pengolahan data dan analisis data dapat disimpulkan sebagai berikut:

1. Berdasarkan analisis statistik Pemberian kitosan tidak memberikan pengaruh signifikan terhadap kadar air relatif daun (KARD) tanaman suruhan yang mengalami cekaman kekeringan.
2. Secara deskriptif pemberian kitosan cangkang kepiting konsentrasi 4 % memberikan pengaruh peningkatan kadar air relatif daun dari kondisi sebelum ke kondisi setelah tercekam.
3. Tanaman suruhan adalah tanaman herba yang memiliki tiga mode fotosintesis yakni C3, CAM dan CAM-cycling mode ini terbentuk karena pengaruh cekaman kekeringan dan mengikuti perkembangan daunnya sehingga memiliki adaptasi yang tinggi terhadap tekanan lingkungan.

### **5.2 Saran**

1. Perlu dilakukan penelitian lebih lanjut tentang identifikasi peningkatan senyawa metabolit sekunder pada tanaman suruhan yang tercekam kekeringan
2. Sebaiknya dilakukan penelitian lebih lanjut tentang pengaruh pemberian kitosan terhadap regulasi genetik tanaman budidaya yang mengalami cekaman kekeringan

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