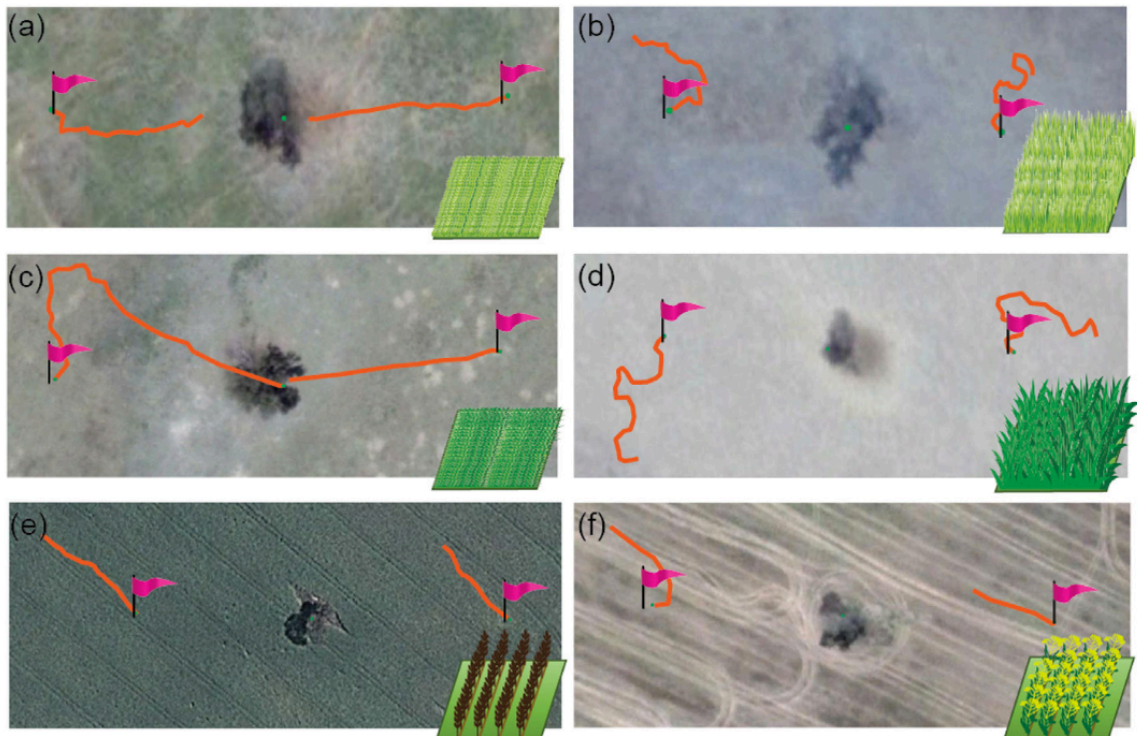


## Worksheet 3: Understanding Figures

The figure below is from the research paper: '*Pasture height and crop direction influence reptile movement in an agricultural matrix*'.

Work with a partner to answer the questions to the best of your ability.



This figure (labelled **fig.3** in the research study) shows a representation of the tracks of reptiles moving through different types of agricultural pastures:

- a) Short native pasture
- b) Long native pasture
- c) Short exotic pasture
- d) Long exotic pasture
- e) Wheat crop
- f) Canola crop

The tree (reptile home) is in the centre of each image. The red flags mark where reptiles were released. The orange lines show the average path taken by the arboreal geckos who were attempting to return home. Refer to the scientific paper for more information.

## Questions:

1. Which landscapes are similar and why?

---

---

---

2. What do landscapes b) and d) have in common?

---

---

---

3. What do you notice about the lizard paths in landscapes a) and c)?

---

---

---

4. Why might the different landscapes impact the path of reptiles?

---

---

---

5. Have a close look at the *DIRECTION* of the crops in landscapes e) and f). What do you notice about the reptile movement through those landscapes?

---

---

---

6. What conclusions can you make from these images of reptile tracks? Explain.

---

---

---