



PURPOSE

Ground-truthing connects the aerial pattern to a field cause. The drone tells you where to look. Your field check tells you why it matters.

SAMPLE POINT PLAN

Point	Map zone / color	GPS or landmark	Reason for sample
A - healthy reference			
B - moderate concern			
C - severe concern			
D - edge / transition			
E - operator choice			

WHAT TO CARRY

- Phone/camera with geotagging on
- Spade or soil probe
- Tissue sample bags
- Soil sample bags
- Permanent marker
- Notebook / printed map
- Hand lens
- PPE for chemical areas

PRE-SCOUT HYPOTHESIS: WHAT DO YOU EXPECT TO FIND?



GROUND-TRUTH STOP 1

POINT ID / ZONE

GPS / LANDMARK

CROP STAGE

PLANT SYMPTOMS

SOIL / MOISTURE

WEEDS / PESTS / DISEASE

PHOTOS / SAMPLES / NOTES

GROUND-TRUTH STOP 2

POINT ID / ZONE

GPS / LANDMARK

CROP STAGE

PLANT SYMPTOMS

SOIL / MOISTURE

WEEDS / PESTS / DISEASE

PHOTOS / SAMPLES / NOTES



DIAGNOSIS AND ACTION LOG

Zone	Likely cause	Evidence	Action	Follow-up date

AGRONOMIST / APPLICATOR / LANDLORD NOTES

CLOSE THE LOOP

After the action, fly or scout again. Mark whether the zone improved, held steady, or worsened. This is how the drone program becomes more valuable each season.