



  
**NOVUM**  
**LIFESCIENCES**  
Naturally Innovative

  
**HORTUS**  
Analytical Solutions

  
**BIOFILM**  
Biological Crust Solutions

**AGPR**  
TECHNOLOGY 

# **QUICKSOIL**

# **SAMPLING MANUAL**

December 2020



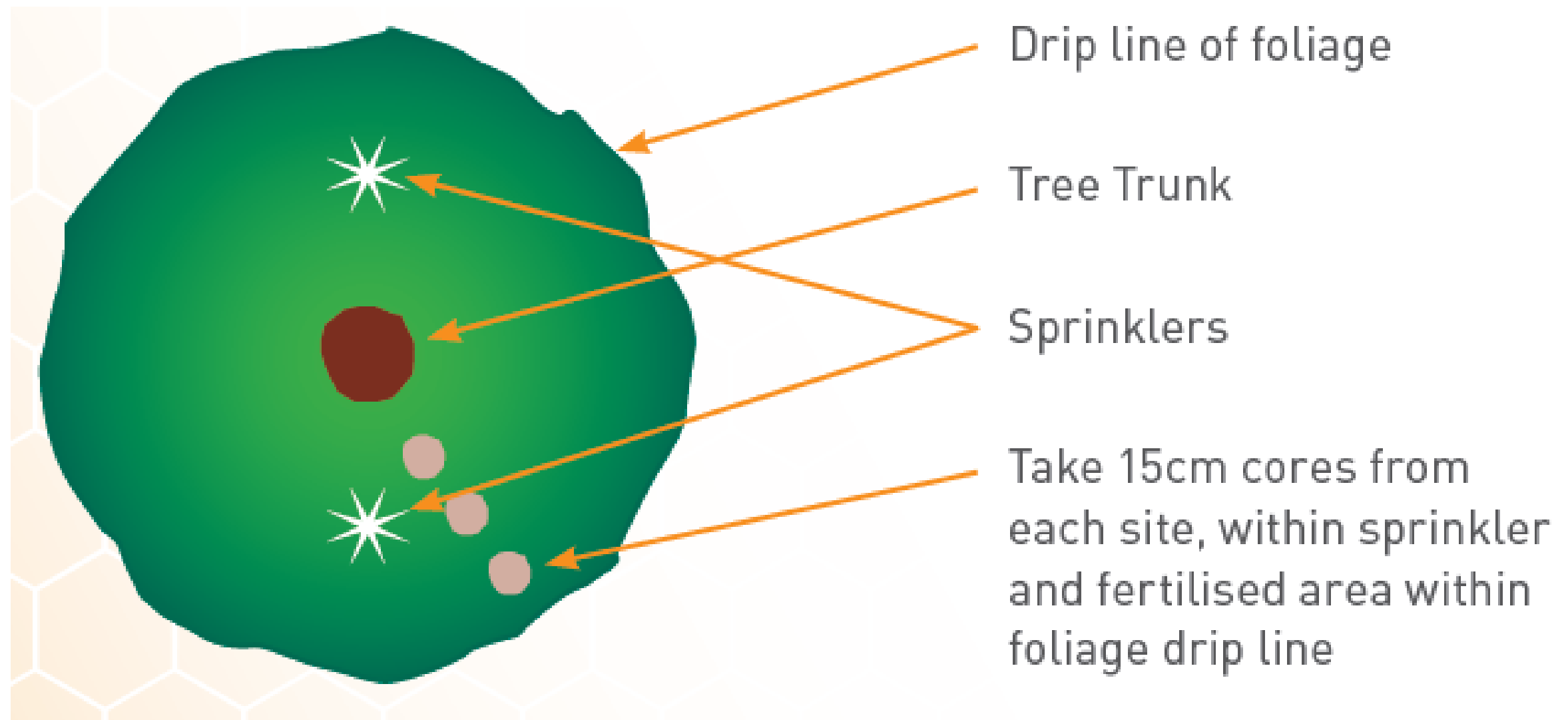
# QUICK SOIL TESTS

- **EC** - BALANCE THE UPTAKE OF NUTRIENTS AND WATER
- **pH** - AFFECTS AVAILABILITY OF NUTRIENTS
- **NO<sub>3</sub>** - FOR VEGETATIVE GROWTH AND YIELD
- **Ca** - FOR CATION BALANCE AND QUALITY
- **K** - FOR YIELD AND QUALITY
- **Mg** - FOR SUGAR PRODUCTION
- **Na** - TO ASSESS SALINITY
- **Cl** - TO ASSESS THE EFFECTS ON NITRATE AND TOXICITY

# WHAT DO THEY SHOW

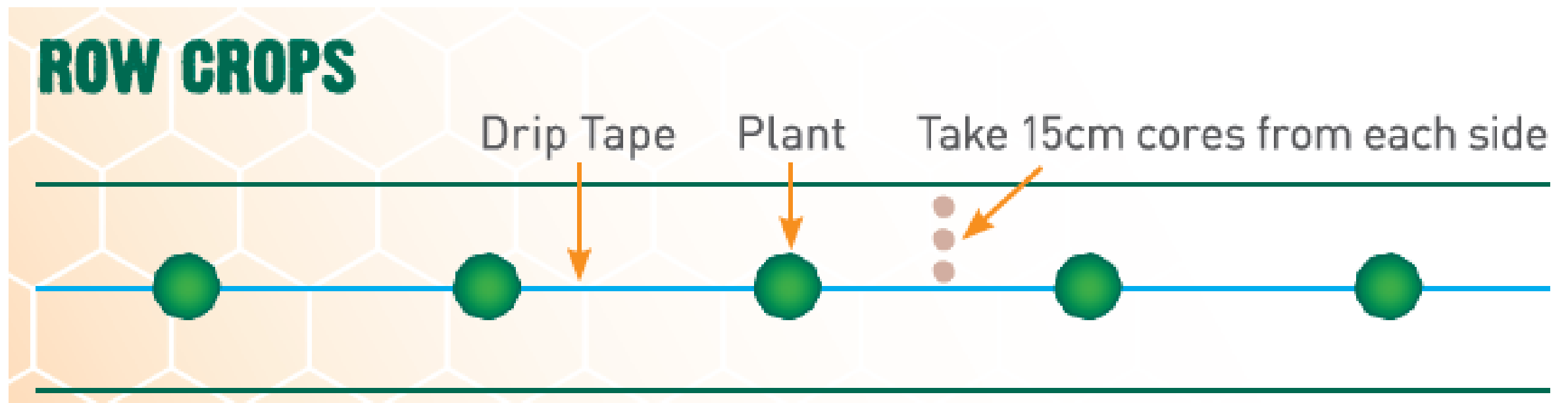
- Fast assessment for the availability of the major nutrients in the active root zone.
- Balance between the major nutrients.
- Shows the effect of irrigation practices and rainfall events on the EC and nutrient levels in the active root zone.

# SAMPLING TREE CROPS UNDER TREE SPRINKLERS



Sample at least 10 sites (30 cores) through the crop, mix very thoroughly, and send a 500g sub-sample to the laboratory.

# SAMPLING ROW CROPS



Sample at least 10 sites (30 cores) through the crop, mix very thoroughly, and send a 500g sub-sample to the laboratory.



Sample 3 cores across the wetted root zone at 10 sites across the block to 15 cm depth





# SUBMITTING SAMPLES

- Complete your Analysis Request Form online at:  
[au.agpro.technology](http://au.agpro.technology)
- Post your sample to:  
Locked Bag 3901  
Bundaberg, QLD 4670
- Samples to be received by 9 am Monday,  
Wednesday or Friday for same-day testing
- Results issued COB Tuesday, Thursday & Monday