Ag Production Update – Coomandook Agricultural Bureau 3rd March 2021

Where to from here dryland salinity management discussion outcomes

Recent Work Undertaken

Messina demonstrations

Monitoring Coomandook Landcare Piezometer Network

Monitoring role of groundcover in reducing evapo-concentration at the soil surface

The role of leaching / flushing in optimising seeding times and seedling establishment of salt tolerant pastures

Fodder Beet demonstrations

Use of pasture mixes

Finesse Q Fescue

Automated monitoring of groundwater, soil moisture and soil salinity

Where do we want to go next?

More automated monitoring at different heights in the landscape

Automated monitoring relative to soil type / limestone

Is saline groundwater causing a breakdown of subsurface limestone – opening up evapo-concentration to the soil surface

Is the highway having an effect on salinity? – Garry Hansen, Puccinellia seeding like mad West of the Highway this year

Environmental factors impacting on soil salinity / moisture – *linking the weather data to the soil probe data – what were the temperature / humidity / wind conditions etc when the wicking up of salts started?*

Salts Cl or CO3? What form the salts are in? Does this impact on the break down of sub surface limestone?