

터브플로를 이용하면 염분농도가 높은 물로 작물을 재배해도 염해를 피할 수 있습니다.

첨부자료는 호주서부지방의 한 농가가 관개수로 사용하는 물이 염분농도(Sodium)가 1,590ppm 으로 아주 높아 과수와 정원수가 자라지 못하고 말라죽는데 Turbu-Flow를 설치한 후 살아나서 밝은 녹색을 띤 정상적인 상태로 자라게된 것을 설명하고 있습니다.

사진의 설치 전과 설치 후를 비교해 보시면 그 차이를 알 수 있지요.

Salinity Bore Water Problem – Gidgegannup Western Australia

Thu 17/03/2011 1:26 PM

G'day,

We spoke yesterday about my salt problem in the water, My name is John Nelson, we live in Gidgegannup which is in the Perth hills, we have 7ac and use the land for horses. The soil is type is gravel

I have included a copy of our water analysis we had done.

ChemCentre

Environmental Chemistry Section

Report of Examination

PO Box 1250, Bentley Delivery Centre

ABN 40 991 885 705

F +61 8 9422 9998

T +61 8 9422 9955

WA 6983

18/11/2010

Sampled	Method	LOR Unit	Recorded
Calcium	iMET1WCICP	0.1 mg/L	40.5
Electrical Conductivity	iEC1WZSE	0.2 mS/m	935
Iron	iMET1WCICP	0.005 mg/L	0.12
Hardness, total	iHTOT2WACA	1 mg/L	820
Sodium	iMET1WCICP	0.1 mg/L	1590
Total dissolved solids	iSOL1WDCA	5 mg/L	5100
pH	iPH1WASE	0.1	5.2

There are 2 gardens the native garden south of the house with roughly 60 micro sprays and, the fruit trees west of the house. The fruit trees have 18 micro sprays.

We would like to put lawn west of the house were the fruit trees are and vege's/lucerne north of the house

Regards

John Nelson

Fri 6/01/2012 8:48 PM

G'day Earl,

Here are the pictures I took whilst installing the water softeners on my bore and out of my bore water holding tank.

The bore water that we are currently using is for irrigating our native garden (approx 60 plants) and our 18 fruit trees (all of which are about 15 months to 2 years old), we have put some watermelon seedlings at the base of a couple of the fruit trees and they are growing well, which I think is an indication that they are handling the water with no problems.



Model T34D Turbu-Flow On Bore Pump



Model T220 Turbu-Flow On Irrigation Pump

Even though I haven't used it a great deal yet I definitely saw a change in the water after I installed the softeners.

Regards

John Nelson

Sat 18/08/2012 5:33 PM

G'day Earl,

I went and took some photos around home the other day, and got some photos from the same time that we installed Turbu-Flow, as you can see the gardens are going well, especially the native.

Before Turbu-Flow



After Turbu-Flow



In the beginning I think we were over watering the native garden, about every second day, it looked like it was browning off a bit so we cut back the watering times to about once or twice a week, and it picked up and hasn't looked back, we have had the occasional plant die but am sure that it's not related to the water.

I have sprayed the area I am planning on putting lawn onto so hopefully can get that set up before spring. I am planning on putting Kikuyu as it is quite hardy and should do well with the water. I will send some progress photos as it develops.

Regards,
John Nelson