

SAISEKO

CASE STUDY

Finca Punta Gorda in El Socorro, Tenerife
Installation Report

Installation report for SEM installation in Finca Punta Gorda in El Socorro, Tenerife.

Mars 31, 2012

On the farm we picked a newly planted lettuce patch one (week old) where we tapped in to the 2 inch manifold that supply the whole sector. We tapped our supply to the SEM with a 2" – 3/4" clamp-on bracket, then supplying the SEM 500 with a 3/4" individual PEHD hose. To this hose we attached some 10 drip irrigation 1/2" hoses which feed the lettuce with the water.

The whole sector and the sub sector where we install the SEM



Sub sector where we install the SEM



View of details, 2" pipe, the clamp-on 2" bracket with 3/4" outlet and the SEM

The installed SEM with the $\frac{3}{4}$ " supply pipe to the $\frac{1}{2}$ " drop irrigation hoses.



$\frac{3}{4}$ " supply line

When we receive the AVS, this is the point where we will do the same arrangement for the next sub sector that will be fed by the AVS.

We have instructed the people on the farm to once a week make measurements of the leaves of the lettuce, with SEM and without SEM.

At longer intervals they will be making visual inspections of the development of the roots of the crop.

In the end of the test we will make a comparison of the weight of each piece and also register the yield of lettuce per m².

We will also take a close look at ratio of reject and duration test for how long a SEM lettuce and a non SEM lettuce will remain fresh after picking.

If you can advice on any other things to check, please do.

April 3, 2012

Jan-Peter Ekelund