

IMPERIAL VALLEY COLLEGE
Science, Mathematics, and Engineering Division
Unapproved Minutes
June 3, 2009
Meloland Research Station

CALL TO ORDER

The meeting was called to order at 6:50 p.m.

BOARD MEMBERS PRESENT

Ed Hale, Daniel Poloni, Nancy Wade

BOARD MEMBERS ABSENT

Walter Britschgi, Johnny Esquer, Steven Finnell, Ed Fonda, Al Kalin, Hugh Kissick, William Love, Tommy Mills, Antonio Rivera, Bo Shropshire, Ralph Strahm

STAFF PRESENT

Pat Pauley, Steve Burch, Ofelia Duarte

GUESTS

Erasmo Gonzalez

APPROVAL OF MINUTES

The minutes for April 1, 2009 were approved unanimously. **M/S/C S. Burch/E. Hale**

DISCUSSION ITEMS

A – D (Harvest, Enrollment, Drip System, Alfalfa - P. Pauley)

P. Pauley gave a brief summary on wheat field – 3.20 tons per acre. He reported the unofficial protein by the load was 13.8, 13.9, 15.5, 15.5 and 13.5 for an overall field average of 14.7. He stated that the two loads that were 15.5 represented approximately half of the total delivered to El Toro Heber facility. Mark from Valley Spreader donated transportation and Walter Britschgi leased us the combine. He stated that before the drip system is installed the following needs to happen: knock the borders down, drop straw, turn it under and get field leveled. Water Tech was going to deliver pump today. Drip equipment should be delivered next week. E. Gonzalez wanted to know what's going to be planted after the system is installed. P. Pauley said he wanted to plant alfalfa on flats and also put field beds up for vegetables. E. Gonzalez stated that watering on flat ground tends to push the salt towards the middle of the two drip lines. He asked the board if they had taken this into consideration. E. Hale stated that quite a few people are doing it this way. He stated that you don't put that much water on so you're not putting that much salt on the ground and also when you put it flat you can flood it to leave your salt out. P. Pauley mentioned that borders will be put back in in case they need to flood it either for leeching or in case pump goes down or if there's a problem with the system they will still be able to water. Discussion followed.

P. Pauley mentioned that the wheat market may not be CRASHED yet. He went to the county office and filled out the new permit for pest control. He put down 20 acres for wheat and 17 for alfalfa. S. Burch is concerned that Queen Gil might have a problem if the whole field is not used for alfalfa. P. Pauley doesn't see a problem. He feels that if the field is split into three sections (referred to as the long, the middle and the shorts) and put shorts on beds and everything else flat, put wheat on 20 acres and alfalfa in the intermediate then Queen Gil can demonstrate that the drip system is being utilized by a grain crop and an alfalfa crop in the two different methods that are used for growing. D. Poloni asked if we were trying to do subsurface drip. He asked if this was a research project or money making operation. P. Pauley informed D. Poloni that Queen Gil donated 50% of the expense of the equipment to put system in. Donation for us means increase in productivity and profitability and for the company it serves as a demonstration place in the valley. D. Poloni stated that when doing subsurface drip you need to consider using sulfuric to keep lines clean due to high content of salt in the water. Discussion followed.

P. Pauley reported that in order to expand the educational and activity opportunities for students we need to move into a multicultural type of operation. He is looking into using two beds or one bed split into four different commodities, something that can be moved along but still maintain the utilization of the drip system (system is good for 5 years). D. Poloni asked P. Pauley

if he was using subsurface drip on these beds and if he was planning on leaving them there for 5 years what was he going to do in between crops. E. Hale mentioned he was going to need a disc tiller and sprinkle to push salt out.

P. Pauley asked if there was a way to put flats and then in two years when we need beds come in and pull beds. E. Hale said you can put shallow beds using GPS rig over 40 inch beds. Discussion followed.

The group discussed spraying wheat trash with sulfuric acid and then flood it.

Enrollment – P. Pauley reported that enrollment was up. He stated that every year the Advisory committee needs to review and discuss curriculum. He is setting up special meeting in July and hopes to have more members present.

E. Update on IVC field day – Tabled for next month.

REPORTS

S. Burch reviewed and discussed moisture sensor handouts. Sensors were provided by Helena Chemical. **Summary** – 138 acre feet of water was applied to field, which equates out to just under 45 inches per acre applied.

OTHER

ADJOURNMENT:

Meeting was adjourned at 8:00p.m.

Next Meeting will be Wednesday, July 1, 2009 at 6:30 p.m. at Stockmen's Club in Brawley.

Cc: Lianna Zhao

*July 1, 2009
Recorder: Ofelia Duarte*