found to yield more sugar and less acid in low altitudes and more acid and less sugar in high altituder.
In canaigre, high yields of tannic

acid are essential to permanent success. Therefore it may safely be inferred that this crop grown near the ea coast will in the course of few years change its chara few years change its character entirely and become unfit for the purpose originally intended, and that such regions can never com-pete with such countries as Utah for the uniform high quality of its product

It is quite common to note in articles written about canalgre the words: "Barks are getting scarce and canaigre will be needed to take their place." While this is true, the writer can eafely say that cansigre is more than a substitute for any of the barks. it makes an entirely different quality of Upper leather made with leather. canaigre is softer and more pliable and stronger than that made with bark. Sole leather made with this root appears to he soit but it becomes hard and glassy when worn for a few days.

A crop of canaigre will not figure on paper like crops of oranges, lemons etrawherries, etc., and then prove a flat failure for want of a profitable market at the critical moment of maturity. This crop figures more like a four per cent United States hond; principal and interest always available,

with no chance for loss of either.
It differs from all other crope in heing the only one where you get your seed back with the increase of growth.
The seed root does not decay, but
frequently increases in size and weight, if the crop does not receive water during its period of rest, say from June to September. Canalyre needs very little water. Froms, heat, floode, drouth, insects, and disease have no terrors for this crop. It may be left in the ground anfely for five or six years, and will constantly increase in weight without cost for storage or insurance. It need not be dug until a market has been secured, and in this respect is unlike any other crop which must be harvested w en ripe, and then has to meet an unprofitable market or he stored under expense. If a market is at hand the crop need not remain in the ground more than two years.

Yours very truly,
J. W. Brown,
General manager El Paso Tanning Co.

## STAR VALLEY STAKE CONFERENCE.

The twelfth quarterly conference of the Star Valley Stake of Zion convened in the Aiton meeting house, August 17th and 18th, 1895.

After the usual opening exercises the Bishops of the various wards gave in their reports, which showed that the Saints were improving spiritually as well as temporally. As a general rule the health of the people in the two valleys is remarkably good,

The speakers all through the conference spoke on topics of immediate interest to the Sainte, and exhorting them to a more diligent exercise of their everyday duties, felt to impress experiment, but this year we certainly seen before.

the poor could be cared for and all rejoice together in the worship of God.

Harvesting is being carried on as rapidly as possible, but owing to the severe frosts this summer the crops are not as good as we would liked them to have been; the potato crop is nearly

a failure this season.

Some of the Saints were disappointed in not seeing some of the First Presidency of the Church on the stand, but it was understood that circumstances hindred them from visiting us. We had a good time listening to the Words of God through the speakers and all felt to rejoice in the work which we are engaged in.

The weather is beautiful and every one is busy in the hay fields or on the farm laying up stores for the coming

winter.

WM. H. KENNINGTON, Stake Clerk.

## KEEP UP THE SPRAYING.

notice in traveling around through this county the past two weeks that while there are a few that are still spraying and the chances are good for their saving a large proportion of their fruir, unfortunately the greater portion of the people have atoppea spraying at from two to six weeks, and the codling moth le now playing havoe with the fruit. We find that there is still much fruit that is not yet destroyed by this pest, and about wo more sprayings would save a large proportion of it.

It is very easy to tell when to commence and when to stop epraying for this codding moth peet if we will only watch the temperature a little and also watch for the first wormy apples. Then we can easily tell when to com-merce spraying, for the moth will not hatch out in the spring till the temperature gets up to about 60 degree; and the few that may hatch out in warm, sheltered localities will not lay their eggs unless the tempersture averages about 60 degrees in the open air. Thus we see that although tre trees came into bloom this year much earlier than last, some of them coming into bloom about the middle of April, there were no wormy applea to spesk of till after the let of July. Yet many of our fruit growers had been spraying for about ten weeks prior to July. It is very seldom that the moth commences laying its eggs earlier than about the 10th of June; and owing to the low temperature or good argute in June this year, as I before stated, they isld but very few eggs be-fore July. In fact there was not one fruit grower in twenty that found a wormy apple that found a wormy apple before that time. The worst feature is apple that many stopped spraying soon after that time, and now it is the same this year as last. The moth is baving everything its own way, and just so long as the hot dry weather lasts the moth will continue to hatch and lay

eggs.
Now if this he true and it is a demonstrated fact, why can we not apray and protect our fruit at the time the at the time the moth works on it? Of course last year the whole husiness was more or less ap

these changes.—in fact essential to the upon their minds the necessity of ob-results. The same plant grown both serving the Word or Wisdom, the pay-in high and low sittudes will be log of their tithes and offeringe, so that and at the proper time. Spraying just enough to comply with the law, or because we think we have to, and sometimes the work is only about balf done and often with inferior about material, certainly will not bring success. Ordering the people to do a lot of. unnecessary work at spraying will not accomplish the desired results.

I have a proclamation of one of our probate judges, ordering no less than han six aprayings before the moth. commenced to work on the fruit. all know that the people do not like to he forced in this matter, and it is hard-. ly to be expected that they will be willing to apray all apring and also through the summer. Thus care should be taken to have the spraying done at a time when it will accomplish the best results.

Many people do not favor the law. and unless it is operated more effect ively and at less expense they may rebei against it. One thing is certain; something should be done if possible to try and create more interest and a better feeling in regard to the matter. among the people, and unless this is done success will not be assured.

In regard to the moth laying their eggs in the biossom: This year it has been proven to the satisfaction of nearly everybody that no codling moth eggs are laid in the blossoms. Those who have investigated the subject snow that whenever the moths do lay eggs these batch out within a week, and the presence of the moth can easily be discovered, as it eats its way into the truit. The fact that no codling moth larvæ was found of any consequence prior to July, eight Ito ten weeks after the trees were in bloom, is proof possitive that no eggs were laid in the blossom; and, as I before stated, the reason is that the temperature is too low for the moth to hatch out or lay the eggs when the trees are in blossom. Now, if this is true, and exp. rience proves that it is, then is it not sheer nonsense to waste our material and time, as many of us have done both this year and last, in doing the epraying too early and before the moth commences its destructive work?

If we will take the trouble to in-quire we will find that the best success in spraying last year was the late spraying done at the time the mothe were working on the fruit. It is now plain to be seen the same is true this year. Hence it is evident that the moths which are now working on the fruit will not stop as long as this warm dry weather lasts, therefore the heat thing to be done is to keep up the spraying during that time. Next year we should try and do better and more effective work at the time when it will do the most good. E.S. LOVESY.

A dispatch from Ecno Mountain Observatory, Cai., says that on Wednesday at 20'clock, Lewis Swift, the astronomer, discovered a new comet in the constellation Pieces. place was in right ascension no hours, 27 minutes, 40 seconds; declination 5 degrees, 30 minutes. It is very faint and has no tail. It is moving clowly northeast, parallel with the Ecliptic Periodic. Nothing to known as to what comet it is or whether it has been