# Che Christoval ©bservece 

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CHRISTOVAL. TOM GREEN COUNTY, TEXAS, FRIDAY, MAY 17, 1935


Cliriatoral. Toas Green Co.Tes
soisonoms Principle in Loco Weed Isolated
The poisenons principle in the loee woed has been isolated by
Dr. G, S. Fraps and E, C, Car Dr. G, S. Fraps and E, C, Car
Irle, of the Texas Agricaltural Froeriment Station, who have been engaged in research to determize the identityl and na: dere of the poisonous orinciple thieh causes horses, catt'e, and many uther animals eating the weed to becomed "loeoed". Frade and Carlyle have been rorkizg in cosperation with Dr, Frank P. Mathewe, in charge of the Loco Woed Research La hortary at Alpine, conducted
jointly by the Bureau of animal industry, U.S.D.A., and the Te xas Agriculsural Experiment Station, and have pursued thei andiod by athe aimple cothod ol Dy various chemical methods sel tosting out cach of the
coparations to determine wheth er it earried the toxicity and aseh tinae the harmless portion separation made of the part earrying the poisonous prin ciple, whieh Dr. Fraps has annsi "locoine." This work o seperating and testing the ex tract is a tedious i process as acha separation has to be fed $t_{0}$ animals to determine whether or not it will produce locoism and thes theeding normally re Dr. Fraps has been months Dr. Fraps has been able to re eats as they have been found to resct to loco poison, whereas rabbits and other small animals d) not appear to be affected by the poison and domestic live stock would havo been expensive and cumbersame to use as lab oratory animals. Locoine tar trate has been prepared as mi croseopic crystals. Locoine oxa late and locoine eitrace as well as locoine chloride has been prepared. Locoine is related to alkaloids and forms salts with acids.
The loco weed is widespread in the United States throughout the Rocky Moun'ain grazing region to the Mexican border. and is a hazard to of Texas and is a hazard to livestock dentification of this pciscnous prineiple may be an important prineiple may be an maportant
clue to devising practical means of control, but it will requir analysis and fnrther study of the nature and character of this particular poisonous sub stance.

Texas holds seeond rank to New York as the greatest ex leads oil others in export of raw materials, New York being the leader in manufactured goods.

A Long, Hard March In obedience to the orders of Generol Beauregarde, comman der in chief of our troons along the coast of of the Carolinas, General Hardee, our corps com. mander, wh thdrew from Charles ton all the Confederate troops within and near that city Febnight. Thas, under cover of night. That was also the fatal eapital of the State, burned by Capital of the State, burned by
Sherman's army without mercy Sherman's army without mercy
apparently, for women and chi dren and helpless oid men out a shelter, food, or lodging. At twilight, the lights of the Signal Corps on James's Island began to wave, and with sad, but brave bearts the varieus companies and regiments heard
and answered the call, '"Fall in! Forward! March!" How little did we know then of was await. ed us for the next three months or about the eonditions in $\mathrm{Co}^{\circ}$
lambia and along the cruel trail of Sherunan's horde on their tramp from Savannah through As the
As the pall of night foll, Sergt
M. Sanders, with . M. Sanders, with a small de. Carolina Artillery, 2nd South rders, "spiked" the cannon in "Battery One," and heaved th caissons into the pitches around the fort. Fadewell, old $g$ uns You stood immovably ty us daring the charge of
for neariy four or neariy four years! Put I.cy
we must part forever, as is ten true of faithfulfriends, $e^{s}$ The ten companies of Lamar' ld regiment of some fourteen ed in groups to guard the sand forts on the "west line', of ames Island stretching over a distance of 8 or 40 miles, now came together in the march of months at the apontoon bridge
over which we crossed the Wag on Cat to the mainlard. Armed with American Armed with American rifles, ew hundred yards, in battle, with knapsacks and haversacks and but slim rations, we began to plod. We marched all night and all next day, via Summer. ville, and spent the second night in the woods just north of Goose Creek,
Without tents, with but few vercoats or blankets, we move on and on and on, up the Caro lina coast, by way of Mon:k's Cornertothe St. Stephen' $\mathrm{D}_{\mathrm{t}}$ 位 for two or three days we re nained in camp.
While there, some of Colone Colcock's cavalry, who had dashed around the rear of Sherman's army, brought to some of us letters from home folks, south of Columbia, telling us of the
shameful devastation of the shameful devastation of the
country and of the hungry and mooverished conditions abound We weunghout the land.
We were transported in old. unclean freight cars across the
Santee, and on by Kingstree, Florence and Darlington to Che aw, S. C., where we bivoucked While therc, part of Lamar Reg iment was ordered to moverapidly to a ceek two or three miles west of the town, to meet a coming detachment of Kilpat'
riek's cavalry. which, however, did no really appear.:
Efforts were being made cut off Hardee's troops at Chew. thus preventigg them froni
river and going on northward Some fighting took place be he enemy, who Cavalry and $000-$ a grand total of 350,000 .
With only one man therefore he enemy, who tried to capture the long wooden bridge that and we the river. On and on deed said down defea ometimes at night, through a rain and shine oftea udand water, wetand chilled terms with Sherman on the 26th and hungry, sleeping at ni ht April at the Bennett House, along the route and a rourd our $\mid$ With the oft circuitous and camp fires in the wooasand the rambling routes of our march fields, wherever the darkness boro, N. C.، I should estimate ed by the Sometimes drench that we had walked at least 501 wishing forsomethingmore and hailed from the southern porbetter to eat, we lay down to tion ef South Carolina had to go we that we slept soundly in spite get baek home after Johnston's hunger and ether hardships. C., through Rockingham, and Fayetteville, and acros he Cape Fear River, on to Av

,. at both of which places severe
and bloody battles were fought on March 16, 17, 20, and 21. (Of, these conficts I hope to give
some account later. After Bontater.


Goldsboro; Hamptook a rest a rick opposing cavalry command ars, all the time watching be ween the two contending arm.

## By

ituation in Virginian had be come very precarious. We were but could hear nothing from him, weinquired of our offithough said they could give ns no defi ite information.
Some of our soldi
ecoming "ragged" and now and then you could ste one bar footed, while all of us, at times. were indeed hungry. We had oceasional slim rations befer leäving Charleston, but it had
become far worse become far worse with us some days while "on!the march."And et our soldiers were usually erysboro and Beftonvill at Av were as brave and determine as any men of the Cenfedined could have been at First Man assas or Shiloh. The ireturn of Gen. Joseph E, Johnston to our
command, the news of which came to us at or near Cheraw was a most welcome evert, al General Beauregard confidence in loved and honored tand trusted to the end, But of all the great and skiliful generals of the Con federacy, Johnston was regard ed as the best one for us on this
march, and we weretproed of
wise and adroit command of in his last two battles,
lewed his small army He re field and his mon al smith him to the echo.
Only little remnants of his former great Westeruar
ever, were now with us.
Wheng the tidings reached $u$ at Smithfield that Sherman was were ordered to rass on by way of Raleigh, Hillsboro and Com pany Shops [now Burlington] Greensboro, N. C, While we ere camping near this last to pass by us, having began pass by us, having been pa ston's surrender came naenly three weekslater, We claimed to stillhave about 35,000 men, while Sherman was said.to have
110,000 , Grant 180,000, Canby. 10.000, Grant 180,000, Canby.


Frigidaire's Spring Parade
beautiful new models - every one with the SUPER FREEZER - GREATER COLD-MAKING POWER MORE ICE FREEZING CAPACITY - REMAARKABLE NEW CONVENIENCE - GREATER ECONOMY

- Right now we are holding a Spring Parade of Frigidaire's 16 beautiful new models-each with the marvelous Super Freezer.

The Super Freezer makes possible a complete refrigeration service. It provides the right kinds of cold for every purpose-all in the same cabinet. There's fast freezing for making ice cubes and desserts; frozen storage for meats and ice cream; extra cold storage for keeping a reserve supply of ice cubes; moist storage $50^{\circ}$ for foods requiring dry, frosty cold.

Visit our show room and let one of our salesmen demonstrate the new Frigidaire ' 35 to you.


## West Texas Utilities Company

and Chairman R. L, Thornton drove to Austin Wednesday, where they were to be actors in
2 news reel ¿drama with the governor. Cullen Themas, Cen vas also to appear in the film. At request of the news film company, Geuerror Allred was

to receive his Centennial guests at $11 \mathrm{a}, \mathrm{m}$. Wednesday while Sammie Hoerster of Mason of the larges: natural s ring county took his calf 502 miles to Ten notable springs fiow almost Sammie declined hotel restrva water daily.'The largest. Pecan the calf. He won first place. Spring in Val Verde County, Tcxashas always beenfamous The famors Kine ranch, elose years this crophas taken second to Kingsville. Texas, is larger place to another"crop. "In 1932 | than the entire state of Dela |
| :--- |
| ware; This ranch, covering | several counties and operated 2s

a unit since the early fifties, has $\quad \begin{gathered}\text { Raliroad se vice in holland. } \\ \text { or the rallrout in Holland } p\end{gathered}$
 The dersest oil well in the
vorld is the world is in Reagan unty. Tex
2 miles.

## After High School, What Then?

Hundreds of young people will enter business college this month. Those Don't waste the summer months. Plan to enter our school immediately. We can place you promptly when you finish your course. Co-educational. Reasenable boarding rates. Pleasant surroundings, Write for our Annual. It's free.
Mail this
Name
TYY HP Commercial College and School of BusinessAdministration

Tyler,Texas.


TYPE OF DRESS ALWAYS CORRECT


WHAT HE LIKED
Proud Author-so glad you like
my new play Was it better thas $\begin{aligned} & \text { you expected? } \\ & \text { Frant } \\ & \text { Stray stiend-No }\end{aligned}$ stories. storter.--
 study the stars,
IIt
the
Brtish IIf the British Isles were gub-
merged 100
fathoms, trade
milght be merged 100 fathoms, trade might be
herped in Englind, as the sandanis
at the esturies of the thimporant
 "A0 antiguarian


 rt-Bits.


Smart Daytime Fashions of Lace

 fashlon gray ${ }^{\text {G }}$ oroving a farortt
Gray woolens rashloned
into coat suits and tatlored street dresses mak
spectal appeal. The gray woolen dres
and special appeal. is typical of the sort
here pletured is costumes worn by the smart set. The
stunning cape is lined with red wool on and is detachable, in that it bur
tons on to the sleeves. en and is detachable,
tons on to the sleeves.

Smart
tailore
Spore
Suits Little cailiored jackets with detail sulting, flannel or gabardine worn w odd skirts will co
suits this spring.

Wrist ruwries are taunting thetr
graceetul folds on some of the new and
diressier blouses. They ususilly occur
iressier blouses.
with
jabota or

## Local and Personal.

Prrak Gulden, Jr,, returned
Tuesday f
a Dalias.
Edaie (Fat)Alford of Ozona,
Who bas been visiting his moth
er, Mrs. Alice Alford, and chil
George W, White, our newly ele stod sehool saperintendent -ill move here from Center point on July 1st.
Ed Hall of Westbrook, Herbert Carrie of Coleman. Herman May
of Abilene, and Conrad Bulloek of Abilene were weekend visitors.
Sugose Wilson came down is a general rale in the feed lo Gromsiehita Falls to be at the horses scatter but on E. C.
graduation exereises of his Schneider's farm in Waller gradnation exercises of his
aophew. Mmmett Jr , but found aphen, a day late.
The Observer has reeeived an nayitation to attend the anuas Migh School, Tharsday May 23 Miss Mariorie Belle Hays, for merly of Christoval is oae of the graduates.

Mr. and Mrs. John Davis of bl Pase were here Wednesday evening and called at the Obser ver Office. Joha was soction pabished the Mitchell County News. He has

Sula MaeRouse, faughter Johany Rouse, and granddavgh ter of Mrs. M. O. Rouse has at has mever misseed a day in at tendance and $\begin{aligned} & \text { ase not tardy dur }\end{aligned}$ ing that time. No one cas beat
it, Mrs. M. O. Roase and three aently at her home here, day $r$ vere: Mrs, E. L. Reberts of ner of Brady, $69 ; \mathbf{M r s}$. M. E Hardiu of Christoval, 82. Mrs. Rouse is 74.
West Texans.

Supt, and Mrs, F, H, Patter80n and the graduating class of last week for a two days' out. ing. Class members are; Miss Cora Ott, Louise Shelton. Ev cille Moore, Wilma Jean Berry Ruth Miller. Aline May, Thelma Hall, Orville Hays. Mre. Hattic M. Burry accompanied the gradHates.
ne-Inch Rain
Another rain that carse it
ahowers fell here Wedresda mowers fing and there wednedresda
mory
aroun of moisture. This makes five dications are good for more,

## Hail Destruction

 2 miles southeast of town say knocked the paint off nis house heat the bark and leaves o whirh weighed two pounds, an the ground 6 inches deep, and he was compelled to move hi heep as all vegetation was $d$ troyed

Arer by culden was a heav loser by the haii damage la week. All of his peaches an plums in his large orchard was deatroyed, eight acres of toma tope and one acre of pepper was toatean in ithe ground, most all af the window lights in resi tesee tere broken and gardin ead fowers wore damaged.

Seventh Grade Graduates.
The following are graduates of the Seventh

Derothy Jean Murray
Martha Dee Chapple
Sammie Jean Legg
Cynthia Lee Alford
Mary Lee Atking
Vergie Humphrey
Barnie Curbo
Edna Earl Curbo
Owen Williams
Eliza beth Atkins
On Texas Farms. county 270 white leghorn hens
have reversed this order and bought the feed for four work
horses after paying their own board bill.

## Rotten hay and cotton bell

 aste are ugly-but they make spread on top of the soil and vorkad into the beds as they are eultivated. They keep the soi irom baking and sdd humus ard ding to reports made ty the yard demcounty.
Yoa have to be an expert to make braided rugs worth 850 , bat zrs will sitten, home in dustries demenstrator of the Club in Seme Demonstration achian expert. The rug was rom burlap.
A commanity raven trap ha been set up by M. H. Perkins Forty ravens were caugnt the first afternoon. Experieace has moraing is more effective but he trap is cieared before night
 sart. Pecan badding is under way Peans up and down of native nd rivers are serving as kind hignly imppoved varietics Whenever people start to ing things they 6 tartart to do $0^{\circ}$ ways to use what they have on ing it better and doing it cheap
er. Now comes a man county and buds pecan trees from disearded inner tubes.
No wax is used with the rub
ber strips which are put on in enough to exclude the air, and
sclf sealing as self sealing as the end of the
strip is slipped under the las J. F. Rosborough, Extension

Agent in Texas. -H . H, Will June 6. Tomato Juice and McInnis, Specialist in Home In Grubbs, District Agent. Awarced (Washington Trlp) State Home Demonstrtion Ag't E. C, Martin, State Boys' Club Agent. 11 Has Government Control Effected Diversification in West Texas?-T,B.Wood, Dls trict Agont, (partner)
Jue 13. Bedrooms of Comfor ars. Bernice Clayton, Special da Come imornvement; Mis Jne 15. R, R. Reppert' Patent Machine Worth Milion

## molosist,

June 19. Importance of Di W. Orms, DistrictAgent in Tex



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ceived at Observer office for any pub ication.
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