

NYSSA THEATRE

DIAL 3932

Starting Time

Sat.-Sun. 1:30 p.m.
Evenings 7:30 p.m.WEDNESDAY-THURS.
FRIDAY, JULY 6-7-8In Superscope
"VERA CRUZ"with
GARY COOPER
BURT LANCASTER
DENISE DARCEL
CESAR ROMERO

A thrilling motion picture masterpiece that brings to life the violent passions and the unforgettable saga of two fighting men.

SATURDAY, JULY 9
"THE OUTLAW'S
DAUGHTER"In Color with
BILL WILLIAMS
SARA HADEN
Outlaw blood in her veins and as bad as she was beautiful.
Saturday Matinee—1:30SUNDAY-MONDAY
JULY 10-11"LAUGHING
ANNE"In Technicolor with
WENDELL COREY
MARGRET LOCKWOOD
FORREST TUCKER
DAPHNE ANDERSON
The toast of Paris and the Belle of the South Seas. Taken from one of Joseph Conrad's stories of the sea.
Sunday Matinee—1:30

TUESDAY, JULY 12

SPANISH NITE

Starts 7 P.M.

"TRES PER FECTAS
CASADAS—and—
"TRAIGO MI 45"WEDNESDAY-THURS.
JULY 13-14

Two amazing science fiction thrillers

"IT CAME FROM
BENEATH THE
SEA"with
KENNETH TOBEY
FAITH DOMERGUE—also—
"THE CREATURE
WITH THE ATOM
BRAIN"with
RICHARD DENNING
ANGELA STEVENS
Complete show after 9:00 p.m.FRIDAY-SATURDAY
JULY 15-16

"PASSION"

A Western in Technicolor

—with—
CORNEL WILDE
YVONNE DECARLO—also—
"QUEST OF THE
LOST CITY"

True adventure taken in Southern Mexico in the Rain Forest.

SUNDAY-MONDAY
JULY 17-18

CINEMASCOPE

TECHNICOLOR

"THE LONG
GRAY LINE"TYRONE POWER
MAUREEN O'HARA
ROBERT FRANCIS
DONALD CRISP

The true heart-warming story of West Point as it has never been told before. Brought to the screen with sincere pride.

TUESDAY-JULY 19

SPANISH NITE

Starts at 7:00 P.M.

"LA MAL
QUERIDA"—and—
"REINA MAMBO"WEDNESDAY-THURS.
JULY 20-21"THE FAR
COUNTRY"In Technicolor with—
JAMES STEWART
RUTH ROMAN
WALTER BRENNAN
CORINNE CALVET

The stranger with a gun, driven with a restless longing, challenging the Klondike when he takes the law in his own hands.

Leo Long Receives Degree at Stanford

Leo Long, who graduated from Nyssa high school with the class of '50, has just received his master's degree in education at Stanford university. He has obtained a position as supervisor of physical education in Redwood City, Calif., school district. Mr. and Mrs. Long and son, Brian, are visiting at the W. O. Peterson home this week. The Petersons are Mrs. Long's parents.

WITNESS MISS IDAHO PAGEANT

Mrs. D. O. Bybee and daughter, Celia Carol, witnessed the "Miss Idaho" pageant in Boise, where they also saw Miss America, along with many other talented young ladies representing other Idaho cities. They also visited at the apartment of Nannette Bybee in Boise.

Mrs. Lora Ditty is spending the week with her brother, J. A. Ditty, at New Plymouth. Mr. and Mrs. John Reeves took her to New Plymouth Sunday.

Mr. and Mrs. Snoden Roberts and family went to Utah last week to attend funeral services of Mr. Robert's brother, Henry Roberts.

Mr. and Mrs. Edison Child went to Warm Lake Sunday to visit their son, Dee and with other boys who are attending Scout camp there.

Mr. and Mrs. Quentin D. Clarkson and three children, Dave, Doug and Joyce of Corvallis arrived Sunday at the home of her parents, Mr. and Mrs. J. E. Brady. The Clarkson's oldest son, Joseph, had come from Corvallis June 10 to visit with his grandparents.

After a short visit here, Mr. and Mrs. Clarkson and family will go near John Day where Mr. Clarkson will do research work in forest pathology on needle blight and Ponderosa pine. Mr. Clarkson and others are hired to do this work.

Attending a family picnic at the Eldredge Bingaman home in Fruitland were Mr. and Mrs. Tom Eldredge.

Mr. and Mrs. Eugene Grasty and boys spent July 4th at a family picnic at the Kennedy ranch near New Plymouth. Guest of honor was Mrs. Grasty's grandmother, Mrs. Annie Hill who was celebrating her 82nd birthday anniversary.

Mr. and Mrs. Elwood Flinders were Monday luncheon guests of Mr. and Mrs. Marvin Wilson and Janalee.

Guests for the week end at the W. O. Peterson home were their three daughters and their families who paid them a surprise visit. They were Mr. and Mrs. Merlin F. Anderson and Steven and Mr. and Mrs. W. LaVon Gifford and Gregory and Patrice, all of Portland and Mr. and Mrs. Leo Long and Brian of Palto Alto, Calif. The Andersons and the Giffords returned to Portland Tuesday morning and Mr. and Mrs. Long will visit here this week. Mr. Anderson has been granted a professorship in civics at Oregon State College for next year and Gifford will begin his third year in dental school.

"WINTER OVERCOATS" FOR SUGAR BEET SEEDS

(Continued from Page 1)

Rush and Oldemeyer set out to create a mono-germ seed — that is, one that would produce a single plant. They reasoned that by precision sowing, a field of beets planted in mono-germ seed would result in a yield that would eliminate much of the thinning work formerly required.

Plants Now Tested

They gave the seed they developed the final test — by growing it under average open field conditions. The reports are that it is growing beyond expectations on a number of sites.

The vast importance of the work being done here is excellently described by Dr. Rush in an article published by The Sugar Beet. He says in part:

"The Nyssa laboratory has been staffed with technically trained personnel and fully equipped with a greenhouse, controlled root storage facilities, chemical laboratory, beet washing equipment and all other necessary equipment to permit carrying on technical phases of the program on a year-round basis.

"Since the sugar beet is a biennial plant it normally requires two years to produce seed. That is, seedlings remain vegetative and produce a large storage root the first season. It is only in the late spring and early summer of the following year after a period of winter dormancy, that the roots "bolt" and seed is produced. Because the development of new varieties depends upon the reproductive or seed stage (for hybridization and inbreeding) it is desirable to be able to stimulate seed production at any time of the year.

Cold Chamber

"As a means of accelerating

the development of new varieties a large walk-in refrigerator has been provided at the Nyssa laboratory, in which winter temperatures can be developed whenever desired. Roots or seedlings can be placed in the cold chamber just long enough to change them from the vegetative to reproductive or seed stage of development and then placed in the greenhouse under artificial light to "bolt" and produce seed—all within a period of approximately six months. In this way the breeding of improved varieties can be speeded up and conducted continuously throughout the year.

"The cold chamber and controlled root storage room will also be utilized for low temperature germination selections. It has been found that certain varieties are capable of germinating at lower temperatures than others and after emergence some varieties are more resistant to frost injury. Since a marked degree of inherited cold resistance tends to lengthen the growing season and insure better field stands, it is planned to subject all breeding stocks to routine low temperature germination tests in order to incorporate this desirable character into our commercial varieties.

"Another important phase of the breeding program, and one which will become increasingly important, is that of obtaining higher quality beets with improved working qualities for processing at the factories. It is obvious that a knowledge of the

chemical composition of beet juices and the non-sugars most seriously affecting sugar losses in molasses is fundamental to breeding beets of higher quality.

Mother Beets

"As a preliminary step in this direction, studies have been made on the amounts of sodium and potassium in beets and their relationship to yield and sugar content. The results indicate clearly an association between low sodium content and high sugar content. Moreover, progeny tests of selected mother beets definitely indicate that great progress can be made in developing adapted varieties which yield well, have a high percentage of sugar, but are low in sodium content. Further study will show whether similar results can be obtained with the more harmful chemical constituents of the non-sugar fraction normally found in beet juices.

Field Testing

"Although a successful breeding program requires well-trained technical personnel and adequate facilities it is equally important to have a sound field testing program, for the results obtained from field evaluations of new varieties is the basis on which decisions are made to increase them for commercial use or to discard

them. Unless these evaluations are conducted on a sound basis, serious delays will result in providing seed of improved varieties to growers. And it is a fact that regardless of how much money and effort is spent on breeding work, no value can be derived until such time as seed of a truly improved varieties is planted commercially by growers or beets grown from such seed are processed in the factories.

Therefore, the field testing program is in a sense the foundation upon which successful improvement rests. With this in mind, three main testing stations have been established on company-owned farms at Nyssa, Twin Falls and Lewiston. At each of these

locations new varieties and the most promising entries from previous tests are thoroughly tested in well replicated variety tests each year."



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Florida Gold—6-oz.

Orange Juice 7 for 1\$

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Prices Effective
Thursday, Friday, Saturday

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