

Your County Agent Says

RAY NOVOTNY

NEW LAWN PREPARATION

Quite a few new lawns seem to be going in around the county and a few helpful hints may make the difference between all your efforts being wasted or obtaining a good looking lawn.

First of all the area needs to be worked up by either plowing, handspading or rotary tilling. (It is possible to work soil too fine with a rototiller so that you destroy all soil structure.) Hand raking is necessary to level the soil surface to prevent the formation of depressions and hollows where water might concentrate. The addition of some form of organic matter is well to work into the ground with this operation.

Just prior to planting, apply a complete fertilizer of nitrogen phosphorus and potash and rake into soil. Some suggested combinations are 16-16-16, 6-12-4, and 10-16-8. These should be applied at a rate of 20 lbs. 34 lbs., 25 lbs., respectively per 1000 square feet of lawn.

Plant grass seed at a seeding rate of 2-4 lbs. per thousand square feet and cover with 1/8-1/2 inch of soil. Mulching lightly with peat moss, straw or hay will help hold moisture and prevent washing. Keep surface moist until seed has germinated which for most lawn grasses should be in 12-14 days. After lawn is established, spray out broadleaves with 2-4-D.

Once a lawn has good ground cover and is kept well fertilized and watered it should hold down most of your weed problems. If you have any further questions contact our office for help. "TOP OP" TOUR

The June 1 - "Top Op" Tour cir-

cular will be mailed out soon and offers an opportunity to review the schedule of stops planned.

By all means - businessmen, farmers, and ranchers should plan on attending this "show me" planned for the Nyssa - Adrian areas.

The first stop will be at the Albertson's Land and Cattle Company feedlot - 9:30 a.m. where the formal dedication of the facility will take place.

INSECT CONTROL ON SPRUCE TREES

One of the few insects that damage local spruce trees is the spruce needle miner. Injury to the tree consists of small matted dead areas of leaves. These are tied together close to the twig by a fine web similar to those spun by spiders. There is seldom any damage done to the twigs but the needles are cut off close to the stems.

Eggs for the infestation are laid in the spring by small moths about one half inch long. The eggs hatch out into small worms that kill the needles and bind them to the twig to form a shelter for the little pests.

The miners are seldom thick enough to do substantial damage to the trees. However, they cause unsightly brown patches that are objectionable.

Control consists of treating the trees with Malathion during May when the moths and young larvae make their appearance. A heavy spray application is required to reach the little pests in their newly constructed homes.

SAGEBRUSH SPRAYING

In spite of many delays due to lack of chemical it looks as though sagebrush spraying will get started this week. Ranchers have planned to spray over 16,000 acres of infested rangeland this spring. Selective spraying released moisture and plant nutrients so that existing forage plants product at least twice as much feed as when competition from sagebrush were present. By properly managing sprayed

areas ranchers can improve stands of bunchgrass to even further benefit from this program. Costs this year will be approximately \$4.00 per acre for both chemical and application.

SMOOTH SKIN RUSSET BURBANK: Smooth Skin Russet Burbanks have been a problem in the Pacific Northwest for some time. This problem has been correlated with fertilizer levels by many growers and researchers.

These reports agree that high nitrogen without a balance with phosphate, reduce skin netting on the tuber. It is further noted that increase in potash along with high nitrogen and low phosphate and sulfur will increase the percent of poor netted tubers. This does substantiate the need for having a properly balanced fertility program on potatoes. You do however, need a soil test to have as a base to start building your fertilizer program on.

Robert Reef, Jr. of the Department of plant science, University of Nevada, has also showed that soil temperature and moisture plays an important role in the russetting of Russet Burbanks. The most desirable skin occurred on tubers grown at 75 deg. F. Plants grown in soils of 45 deg. produced potatoes with virtually no net. Russetting was also reduced at temperatures up to 60 deg. F and then again when temperatures got over 90 deg.

Soil moisture has a bearing on this also. He found that when soil temperatures got up to 90 deg. and plants were stressed for moisture before irrigating it increased the number of light skinned potatoes.

All this points up the well known fact that good quality potatoes must be managed very closely all season and to help you do this, we do have two recording soil thermometers that are already installed to be used as guides for planting, growing and harvesting your potatoes. They are located at the Malheur Experiment Station and at Bill Reiman's in the Adrian area.

NYSSA PUBLIC LIBRARY - GO PLACES WITH BOOKS

The following books are now available at the Nyssa Public Library:

ADULT NON-FICTION

MODERN HUNTING WITH INDIAN SECRETS - For today's hunters, for wildlife camera buffs, and for naturalists this book is a sure guide to competence outdoors where wily, wary animals challenge man to match skills if he would walk among them successfully.

MAKING YOUR OWN CHEESE AND YOGURT - Max Alth - Complete instructions for making numerous varieties of cheese and yogurt in your home.

THE KREMLIN: CITADEL OF HISTORY - Mina C. & H. Arthur Klein - Focusing on the fortress complex that is Russia's traditional political center, the Kleins trace over eight hundred years of the Moscow Kremlin's growth, and through it, the growth of the nation it has come to represent. A VICTORIAN GENTLEWOMAN IN THE FAR WEST - Mary H. Foote - Reminiscences of Mary H. Foote, whose fluently written memoirs give an unusual insight into the private life of a cultivated Victorian lady whose circumstances happened to bring her into the Far West at the close of the frontier era.

THE WHITE NILE - Alan Moorehead - An account of the various explorers who tried to discover the source of the Nile between the years of 1856 to 1900.

VISIONS OF AMERICA - David Kherdian - A collection of poetry by the poets of our time.

MEXICO: THE STRUGGLE FOR PEACE AND BREAD - Frank Tannenbaum - A profound and brilliant panorama of twentieth-century Mexico-the background, causes, and story of the revolution and of its continuing results.

HISTORY OF THE CONQUEST OF MEXICO AND HISTORY OF THE CONQUEST OF PERU - William H. Prescott - These two texts published in one volume present a panoramic view of the clash of civilizations and men that continues to reverberate in Latin America to the present day.

GETTING READY FOR MARRIAGE - David R. Mace - A written counseling session in which Dr. Mace addresses himself to you and your partner, and encourages you to evaluate yourselves, each other, and your relationship concerning marriage.

THE WARREN WAGONTRAIN RAID - Benjamin Capps - The first complete account of the historic Indian attack known as the "Warren Wagontrain Massacre" and its aftermath.

ALISTAIR COOKE'S AMERICA - Alistair Cooke - This book is an alive and openhearted view of America's history, a book imbued with all the wit, color, knowledge, and home truths born of its author's enduring affection for his adopted country.

THE HISTORY OF THE CONQUEST OF MEXICO - William H. Prescott - This is a dramatic narration of one of the most colorful chapters of the cultural collision that thrust Europeans into Indian America.

HOW TO MAKE CHEESE WITHOUT REALLY TRYING - David S. Page - An easy way to making cheese.

HOW TO MAKE CHEESE WITHOUT TRYING AT ALL - Geoffrey Stanford - Once you understand the simple biology of converting milk to solid food, home-style cheese-making becomes more fun and an anticipation of flavors.

NIXON: THE FIRST YEAR OF HIS PRESIDENCY - Congressional Quarterly - Includes the President's legislative boxscore, foreign affairs record, news conferences, appointments, congressional messages, and 1970 State of Union Address.

NIXON: THE SECOND YEAR OF HIS PRESIDENCY - Congressional Quarterly - Includes the President's economy, the Indochina War, Civil Rights, war on crime, news conferences, congressional messages, and 1971 State of the Union.

NIXON: THE THIRD YEAR OF HIS PRESIDENCY - Congressional Quarterly - Includes the President's China Policy, the economy, nominations and appointments, congressional messages, news conferences, and 1972 State of the Union.

NIXON: THE FOURTH YEAR OF HIS PRESIDENCY - Congressional Quarterly - Includes the President's Peking-Moscow Summits, nominations and appointments, congressional messages, statements and news conferences, legislative boxscore, and landslide reelection.

CHINA AND U.S. FOREIGN POLICY - Congressional Quarterly - Includes the Nixon-Peking Summit, reconciliation with China, China lobbies, Taiwan, U.S. Asian allies, Congress and China, Far East trade, presidential politics, House and Senate Hearings, and presidential texts.

THE SUPREME COURT: JUSTICE AND THE LAW - Congressional Quarterly

WATERGATE: CHRONOLOGY OF A CRISIS (Vol. 1) - Congressional Quarterly

TREASURE VALLEY COMMUNITY COLLEGE

EDUCATION SCHEDULE

SUMMER QUARTER 1974

Course No	Sec	Course Title	Units	Time	Day	Room	Instructor
<u>BUSINESS</u>							
BA 266	A	Business Law	3	8:00-8:55	MTWTh	C-2	Heritage
2.508	A	Business Math	3	9:00-9:55	MTWTh	C-2	Heritage
2.517	A	Sec Accounting	4	1:00-2:45	MTWTh	C-2	Link
2.519	A	Office Machine	3	2:45-4:30	MTWTh	Machine	Link
2.531	A	Bookkeeping I	4	1:00-2:15	MTWTh	C-2	Link
2.533	A	Bookkeeping II	4	3:00-4:45	MTWTh	C-2	Link
Sec.	A	Typing	3	10:00-11:45	MTWTh	Typ Rm	Purkhiser
*Sec.	B	Typing	3	* 7:00-8:45	MTWTh	Typ RM	Purkhiser
<u>HUMANITIES</u>							
3)AA 255	A	Ceramics	2	8:00-12:00	MTW	Art	O'Connell
3)AA 255	B	Ceramics	2	1:00-5:00	MTW	Art	O'Connell
AA 290	A	Painting	2	8:00-12:00	MTW	Art	McGuire
AA 290	B	Painting	2	1:00-5:00	MTW	Art	McGuire
*AA 290	C	Painting	2	* 7:00-10:00	MTW	Art	McGuire
AA 291	A	Drawing	2	8:00-12:00	MTW	Art	McGuire
AA 291	B	Drawing	2	1:00-5:00	MTW	Art	McGuire
AA 292	A	Watercolor	2	8:00-12:00	MTW	Art	McGuire
AA 292	B	Watercolor	2	1:00-5:00	MTW	Art	McGuire
MB1.225	A	Photo I	3	8:00-12:00	MTW	Photo L	Lehman
MB1.226	A	Photo II	3	8:00-12:00	MTW	Photo L	Lehman
Art Courses Run First Five Weeks Only Art Workshop Runs During 7th Week Only							
WR 121	A	English Composition	3	1:00-2:50	TTh	C-23	McAlpine
WR 222	A	English Composition	3	1:00-2:50	MW	C-23	McAlpine
ENG106	A	Intro to Literature	3	8:00-9:45	MW	C-23	McAlpine
1.100	A	Communication Skills I	3	8:00-9:45	TTh	C-23	McAlpine
SP 111	V	Fund of Speech	3	8:00-9:45	MW	EL	Phillips
MB* SP111	A	Fund of Speech	3	* 6:00-9:30	Th	E L	Phillips
* SP250	A	Speech & Theatre WK	2	* 8:00-10:00	MWF	E L	Phillips ps
<u>SOCIAL SCIENCE</u>							
HST101	A	Hist of West Civ	3	10:00-11:50	MW	N-6	Derig
HST201	A	Hist of U S	3	10:00-11:50	TTh	N-6	Derig
1.600	A	American Institutions	3	1:00-2:50	MW	N-6	Derig
1.608	A	Psychology of Human Rel	3	1:00-2:50	TTh	N-6	Wrenn
MBEC 201	A	Principles of Economics	3	* 6:00-7:50	MW	N-6	Wrenn
<u>MATH</u>							
MTH100	A	Intermediate Algebra	4	7:50-9:00	MTWTh	C-22	Diekhans
* MTH101	A	College Algebra	4	* 6:00-8:20	TTh	C-22	Boyll
* MTH110	A	Analytic Geometry	4	* 6:00-8:20	MW	C-22	Boyll
<u>SCIENCE</u>							
GS 104	A	Physical Science	4	9:00-12:00	MTWTh	Phy Lab	Fletcher
GS 105	A	Physical Science	4	9:00-12:00	MTWTh	Phy Lab	Fletcher
GS 106	A	Physical Science	4	9:00-12:00	MTWTh	Phy Lab	Fletcher
<u>LABS</u>							
			1:00-3:15	MTWTh		Phy Lab	Fletcher

Course No	Sec	Course Title	Units	Time	Day	Room	Instructor
<u>HEALTH AND P E</u>							
*HE 250	A	Personal Health	3	* 6:00-7:50	TTh	N-6	Lewis
PE 185	T	Tennis	1	8:00-9:50	TTh	Courts	Farnworth
PE 185	Z	Tennis	1	8:00-9:50	MW	Courts	Farnworth
*PE 185	G	Golf	1	* 6:00-9:45	W	Course	Farnworth
PE 185	S	Swimming	1	TBA			Farnworth
<u>SPECIAL FEES</u>							
			Golf \$15	Swimming \$10			
<u>DEVELOPMENTAL</u>							
0.746	E	H S Equiv Prep English	1	TBA		Ln Ctr	Harvey
0.746	M	H S Equiv Prep Math	1	TBA		Ln Ctr	Harvey
0.758	B	Devel Reading I	2	TBA		Ln Ctr	Harvey
0.765	B	Devel Reading II	2	TBA		Ln Ctr	Harvey
0.758	A	Devel Reading I	2	TBA		Ln Ctr	Estrada
0.765	A	Devel Reading II	2	TBA		Ln Ctr	Estrada
0.768	A	Study Skills	2	TBA		Ln Ctr	Estrada
0.747	A	English for Foreign Born	2	TBA		Ln Ctr	Estrada
ENG 113	S	Accelerated Reading	3	TBA		Ln Ctr	Sharp
<u>MECHANICAL TECHNOLOGY</u>							
*0.775	A	Auto Main & Safety	2	* 7:00-10:00	M		Wimpy
MB3.318	A	Small Engines	5	* 6:00-10:30	TW		Wimpy
MB3.505	A	Machine Tools	2	* 6:00-10:00	T		Coleman
MB4.151	A	Intro to Welding	4	* 6:00-10:30	MW		Coleman
<u>LAW ENFORCEMENT</u>							
CJA212	A	Intro to Criminal Law	3	TBA			Mutchens
5.217	A	Criminal Investigation	3	TBA			Jones
5.230	A	Field Work	1	TBA			Jones
<u>PRACTICAL NURSING</u>							
5.500	A	Intro to Practical Nurs	4	10:00-12:00	MW	N-5	McClun
			Lab A	1:00-3:00	MW	N-5	McClun
			Lab B	10:00-12:00	TTh	N-5	McClun
5.515	A	Basic Nutrition	1	8:30-10:00	MW	N-5	P.Coleman
<u>AVIATION</u>							
* 6.500	A	Aviation Ground School	4	* 7:00-10:00	MW	B-13	Chambers
			Labs	6.501, 6.503, 6.505, 6.507, 6.509, 6.511, 6.513, 6.515, 6.522	2	TBA	Airport Staff
<u>COSMETOLOGY</u>							
5.300	+	Intro to Cosmetology	8	TBA			
5.302	+	Cosmetology Clinic	8	TBA			
5.304	+	Cosmetology Clinic	8	TBA			
5.306	+	Cosmetology Clinic	8	TBA			
5.308	+	Cosmetology Clinic	8	TBA			
5.310	+	Cosmetology Clinic	8	TBA			
5.311	+	Cosmetology Seminar	2	TBA			
5.312	+	Cosmetology Work Exp	8	TBA			
5.313	+	Cosmetology Seminar	2	TBA			
5.314	+	Cosmetology Clinic	8	TBA			
<u>AGRICULTURE</u>							
8.350	A	Work Experience	1	TBA			Murphy
8.351	A	Work Experience	1	TBA			Murphy
8.352	A	Work Experience	1	TBA			Murphy
8.350	B	Work Experience	1	TBA			Knothe
8.351	B	Work Experience	1	TBA			Knothe
8.352	B	Work Experience	1	TBA			Knothe
Explanation of Numbers/Letters to left of Course Numbers							
* Night Courses							
MB Course will be taught provided ten or more students enroll.							
3 Special Fees							
Golf \$15 Swimming \$10 Ceramics \$5							
Registration for the 1974 TVCC Summer Session will be 9:00 a.m. - 4:00 p.m. and 6:30 p.m. - 8:00 p.m. in the Weese Building, Monday, June 17.							
Tuition							
\$7.50				per credit in district	12 credits or more		
\$8.50				per credit out of district	\$105		
\$14.50				per credit out of state	\$125 in district		
							\$205 out of district
							\$205 out of state
In-District				\$7.50 per credit			
Out-of-District				\$8.50 per credit			
Out-of-State				\$14.50 per credit			