



JIM HEDGES OF APPLE VALLEY proudly shows a few of the trophies he has won in recent weeks. He earned them at Boise, and Weiser, Idaho and at Mount Vernon, Ore., in motorcycle races while riding a 100 C. C. SUZUKI racer, owned and built by Nyssan Ray Tarter. Hedges, an Apple Valley farmer, has raced cycles for several years and at the present time is point leader for the 1968 racing season in the 180 C. C. class, riding a Bridgestone racer. - Journal Photo.

NEW DIAGNOSTIC METHOD SPEEDS TREATMENT, CONTROL OF DISEASES IN ANIMALS

A new, time-saving method of animal disease diagnosis is now being used at Oregon State's Veterinary Diagnostic Laboratory. Known as the FA (fluorescent antibody) technique, it reduces from several days to only a few hours the time needed to identify the causative agents of many deadly animal diseases. This means livestock and poultry producers can start proper treatment and control measures much sooner, thereby curtailing death losses and limiting disease spread.

Scientists D. H. Smith and D. H. Helfer report, "Bacterial disease agents identified to date by the FA technique include brucellosis, listeriosis, leptospirosis, salmonellosis, and the various strains of Clostridium bacteria that cause blackleg, malignant edema, Black disease, and enterotoxemia."

"The technique also can be used to identify the virus agent of rabies," it was noted. Key to the FA technique is the reaction that takes place between an antigen and its antibody. Antigen is another name for the causative agent of a disease. Antibodies are substances naturally produced by the body that act against specific antigens.

"Suppose," the OSU scientists explain, "a prime feeder steer dies -- apparently of blackleg. To confirm this, a microscope slide is touched to the affected muscle tissue and sent to the laboratory."

"There, the slide is exposed to a known antibody against the causative agent of blackleg. The antibody has previously been treated or 'labeled' with a dye that fluoresces when exposed to ultraviolet light."

"The slide is washed, then examined under ultraviolet light with a special microscope. If blackleg is the disease responsible, the antibody containing fluorescent dye combines with the antigen, and fluorescence can be seen."

"If blackleg is not responsible, the antigen and antibody do not combine, so the antibody is washed away. Thus, no fluorescence occurs."

Smith and Helfer point out that the FA technique will not replace all other methods of



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Finally, getting right down to the individual, the task force asks what kinds of jobs, health and other benefits can be provided to make a maximum number of citizens productive, self-sufficient and contributing to a tax-paying society.

"Oregon is not yet geared to meet the needs of this cross-government job," explains Dr. Kieffer. "We are trying to see how the apparatus of government can be made to effect this interaction, and to get a comprehensive view."

Time and money are short, he believes. "Judging from the difficulties of the other states, Oregon hasn't very much slack time to wait before our problems loom a lot larger. The state's economy must depend less on timber -- a past over-reliance which has produced 'tax vulnerability' -- we will have to broaden our economic base or we will have a real problem in our tax base in the 1970's."

In summing up, Dr. Kieffer says: "We in Oregon can develop ways of focusing and coordinating our private and public resources to lessen or head off problems that are not now in an aggravated condition but which are already beginning to fester. If we don't do this well or in a timely way, then we will have to live with the secondary problems which develop from our not acting. Either way it is going to be costly, but surely in acting now for government modernization to fit the 1970's, Oregon's people will be making a major, excellent investment in protecting and enhancing their future."



On August 23, 1968, Dr. and Mrs. Kenneth (Donna) Cottle of Subic Bay, Philippines, became parents of a seven-pound, eight-ounce girl, Kim Lee.

Grandparents are Nyssans Mr. and Mrs. Kenneth Cottle and Former Nyssan Mrs. Freda (Butler) McCharles of Seattle.

1968 BIRTHS AT MALHEUR MEMORIAL

AUG. 21 - To Mr. and Mrs. Francisco Ochoa of Nyssa, a seven-pound, eleven-ounce boy, Ruben.

AUG. 22 - To Mr. and Mrs. George Gomez of Nyssa, a seven-pound, four and one-half ounce boy, Jabier.

AUG. 22 - To Mr. and Mrs. Miguel Castro II of Nyssa, a seven-pound, three-ounce boy, Miguel III.

AUG. 24 - To Mr. and Mrs. Theodore Castellanoz of Nyssa, an eight-pound, fifteen-ounce boy, Sergio.

AUG. 25 - To Mr. and Mrs. Wesley Hall of Ontario, a six-pound, five-ounce girl, Tammie Helen.

AUG. 27 - To Mr. and Mrs. LeRoy Seward of Rte. 2 Parma, a girl.

DOVE SEASON

(Continued From Page One) Biologists report good populations of doves throughout the state. Recent rains have scattered the birds, breaking up concentrations which have been using the main waterholes and springs during the earlier dry months. Flyway shooting is expected excellent until cold, frosty nights drive the birds south.

Band-tailed pigeon gunners will also find shooting on the pigeon flyways productive as well as around elderberry feeding areas. Good shooting is also expected around mineral springs and the tide flats along the coast.



SEPT. 3 - 8:40 a.m. Start of fall school term.

WEATHER

DATE	MAX.	MIN.
Aug. 21	66	44
Aug. 22	73	45
Aug. 23	87	49
Aug. 24	85	54
Aug. 25	87	52
Aug. 26	81	53
Aug. 27	82	57
Aug. 28	--	55
Aug. 29	1.19 Prec. was reported on Aug. 21.	
RESERVOIR STORAGE		
8/28/68	178,670	Acres Feet
8/28/67	395,490	Acres Feet

BOWLERS TO MEET

An organizational meeting for keggers of the Monday night Patriots' league will meet at 8 o'clock this evening, August 29 at the Sugar Bowl in Nyssa. All interested woman bowlers are asked to attend the meeting, or phone Parma 722-5868 (collect).

Bowlers on the Housewives league will hold an organizational meeting at 2 p. m., Wednesday, Sept. 4 at the Sugar Bowl.

Interested women are urged to attend the session, or they may dial 372-3496 or 372-3525.

SEPT. 13 - 8 p.m. Varsity Football, Marsing at Adrian.
SEPT. 20 - 8 p.m. Varsity Football, Homedale at Adrian.
SEPT. 27 - 8 p.m. Varsity Football, Adrian at Parma.

WORK SMARTER NOT HARDER

AFTER A SUMMER OF YOUNGSTERS MAKING FULL

USE OF FURNITURE, it may look a bit tired. Mrs. Dorothy Brown, Oregon State University Extension home furnishings specialist, says the two easiest ways to refinish furniture are to paint with enamel and add an

antique glaze, or use a penetrating sealer. The sealer is transparent so the wood grain shows through. Since the sealer soaks into the wood, rather than staying on the surface, it is

easily repaired. If the furniture becomes damaged, rub with fine steel wool, then use more sealer to take care of scratches. The "Danish oil" finish is a type of penetrating sealer. Equal parts of Spar varnish, asking

boiled linseed oil and turpentine make a good sealer. The County Extension Office has a bulletin called "Furniture Restoration" that gives further instruction. It's free for the asking.

FRESH FRYERS
TENDER, MEATY PLUMP

29¢ lb.

CUT UP FRYERS 3 LEGGED	LB. 33¢	HORMEL 3 LB. CAN HAM	\$2.79
DOUBLE BREASTED FRYERS	LB. 35¢	FRESH EVERY DAY Potato Salad	2 LBS. 59¢
WELLS & DAVIES 2 LB. WIENERS	98¢	PURE PORK KEIMS	1 LB. PKG. 3/\$1
		BONELESS ROLLED ROUND Beef Roast	LB. 89¢

LIBBY VIENNA 4 OZ.	Sausage	5/\$1	SWIFT 3 LB. CAN WHOLE Chickens	89¢
CLIFFCHAR HARDWOOD 10 LB.	Briquets	69¢	SWIFT 3 LB. CAN CHICKEN & Dumplings	89¢
KRAFT 18 OZ.	Grape Jelly	3/89¢	ASSORTED UNSWEETENED Koolaid	EACH 3¢
CARNATION 6'S INSTANT Breakfast	59¢	BLUE MOUNTAIN CAT FOOD Chicken & Liver	7/\$1	
CAROUSEL 12 OZ.	Canned Pop	14/\$1	HERSHEY 16 OZ. Choc. Syrup	5/\$1
DIXIE WHITE 9" 100 COUNT Paper Plates	59¢	14¢ OFF LIQUID CLEANER Ajax Cleanser	59¢	
FRESH MAID CLOVER Butter	LB. 67¢	ASSORTED PKG. OF 10 or 30 BARS Candy Bars	3/\$1.	

WE WILL BE CLOSED LABOR DAY

WATERMELON
FRESH, CRISP DELICIOUS

3¢ lb.

U.S. #1 WHITE 10 LB. BAG Potatoes 39¢

THOMSON SEEDLESS GRAPES LB. 19¢

FROZEN FOOD

WESTERN FAMILY 6 OZ. LEMONADE 12/\$1

CERTIFRESH 1/2 GAL. ICE CREAM 59¢

BACK TO SCHOOL SALE!

BIG 39 TABLET REG. 39¢	Pencil Tablet	19¢	#2 TINSEL TINT. Pencils DOZ.	29¢	
300 COUNT FILLER Paper	49¢	"GIRL TALK" REG. \$2.98	Ring Binder	\$2.49	
SPIRAL BOUND REG. 69¢	Theme Books	3/\$1	DERMA FRESH REG. 99¢	Lotion	49¢
LARGE 59¢ SIZE Elmers Glue	29¢	SCOPE SUPER SIZE Mouthwash	\$1.29		

WESTERN FAMILY 14 OZ. Potato Chips 39¢

RIPPING GOOD COOKIES GOOD ASSORTMENT 4/\$1

WESTERN FAMILY NO. 2 1/2 SIZE CAN Pork & Beans 19¢

SHAVERS 46 OUNCE Fruit Drinks 4/89¢

TANG 10¢ OFF Salad Dressing 37¢

KRAFT 16 OZ. Marshmallows 5/\$1

Prices Effective Thursday-Friday-Saturday

M & W MARKETS

High Quality Low Prices... plus

424 MAIN STREET NYSSA... OREGON

COMING EVENTS

TODAY - 2 to 6 p.m. Adrian high school students register and pay fee.
TODAY - 8 p.m. Members of Owyhee Riding club meet at Oregon Trail Grange hall.
TODAY - 8 p.m. 'MONDAY NIGHT' Patriots bowling league will hold their organizational meeting at the Nyssa Sugar Bowl. Anyone interested please attend.
AUG. 30 - 12 noon, Malheur County Pioneers, annual reunion potluck picnic at Vale City park.
AUG. 30 - 2 p.m. Malheur County Pioneers program at Vale City park.
AUG. 30 - 8 p.m. Old Time dance at Vale Grange hall. Sponsored by Malheur County Pioneers.
SEPT. 1 - 12:30 p.m. Owyhee Pioneers' potluck picnic in Nyssa South park. Bring own table service.
SEPT. 2 - LABOR DAY.
SEPT. 3 - ALL AREA SCHOOLS START FALL TERM.
SEPT. 4 - 2 p.m. HOUSEWIVES Bowling league will have organizational meeting at the Nyssa Sugar Bowl. Anyone interested please attend.
SEPT. 5 - 10:30 a.m. Senior Citizens meet in Conference room of Nyssa public library. Bring sack lunch.