

Growth of Irrigation Brings Out New 'Lingo'

By GENE WINTERS
County Extension Agent

For much of Morrow county there is a new lingo being spoken in farm circles. The new language or words have to do with the increased popularity of irrigation and can include initials, abbreviations, as well as words.

The more common abbreviations used are cfs, gpm and psi. Cfs refers to cubic feet of water per second and is commonly used when giving quantitative amounts of flow in ditches, creeks or rivers. A cubic foot of water is very close to 7.5 gallons. There are a number of advantages to using cfs instead of gallons. One principal advantage is with arithmetic of application where one cubic foot of water per second equals one acre per hour.

Gpm refers to gallons per minute and is more commonly used in describing irrigation sprinkler head capacities at certain pounds per square inch (psi).

Other words of the irrigationist include infiltration rate, available moisture, field capacity, wilting point, evapo-transpiration ratio, static head, and such instruments as tensiometer. Some words have a precise meaning or measurement, while others such as field capacity has a general meaning with practical use.

The language of the irrigationist includes terms of the engineer, physicist, physical chemist, soil scientist, climatologist, plant physiologist and miner. A substantial amount of water in the west is measured in miners inches. Water rights in some states are in miners inches. One cubic foot of water per second is equal to 40 or 50 miners inches.

es, depending upon which state you are talking about.

Water Forecast Meeting Planned for Friday Night

A water forecast meeting of interest to Morrow and West Umatilla county irrigation farmers is scheduled for Friday evening, March 8, according to information received from Clarence Underwood, work unit conservationist, for the Boardman and West Umatilla Conservation Districts. The meeting will be held in the Community Center Building in Hermiston at 8 p.m. Bob George, water forecaster with the Soil Conservation Service, will present stream flow and storage forecasts for the area.

Chemical Treatment Recommended for Rye

One of the more persistent annual weeds, cereal rye, is becoming evident throughout the county. From most reports, those growers with rye pulling programs in the spring have gained considerable ground from this pest.

Where rye is fairly solid on the edges of fields, in and near fence rows, where crops won't be damaged, a chemical program is reasonable in cost compared to other methods of control. Materials for grass and broadleafed weed control in areas not in crops such as stubble cost about \$7 per acre.

The same materials used for winter fallow are effective for cereal rye and broadleafed weed control.

Use 1 pound active (.05 gallons) of Amtritol T with 1 pound active 2,4-D ester in 10 or more gallons of water in ground application or 5 gallons by air.

Apply before the weeds are 6 inches high. Because Amtritol T and 2,4-D are in general non-residual materials, some weeds may germinate later. Total season weed control can be accomplished using soil sterilants. Check with your herbicide dealer or county agent about the limitations for use on land to be planted to crop.

Mrs. R. G. McMurtry attended the funeral of her cousin, Mrs. Edna Mills, at Waitsburg, Wash., on February 21. Mrs. Mills, whose grandparents were in the Heppner flood in 1903, died on February 19. She was a niece of Sheldon Baldwin, formerly of Heppner. Mrs. McMurtry drove to Touchet to meet another cousin who continued to the funeral with her.

PTA Schedules Spring Kapers March 22

By DIANA KINCAID

IONE—A Surprise Auction will be one of the features at the PTA Spring Kapers. Mrs. Lee Pettyjohn, auction chairman, announced this week.

Small used or new items for either children or adults, such as knick-knacks, books, games, etc., are needed for the surprise auction. People in the community are asked to put the donated objects in boxes at Bristow's or in the elementary school before March 20 so they can be catalogued. Baked goods or canned goods may be brought Friday afternoon.

For further information Mrs. Pettyjohn or committee members, Mrs. Don McElligott or Mrs. Louis Carlson, may be contacted.

More details on Spring Kapers, scheduled for March 22, will be announced later by Mrs. Bryce Keene, ways and means chairman.

Students of Mrs. Robert Rietmann's class participated in the Sunday morning service of the lone United Church of Christ by giving the meaning of the Lenten Season and by ushering. Those students who took part were Richard Hamlett, Bill Jensen, John Rietmann, Gregg Jacobs, Greg Wilson, Clint Krebs, D-Ann Barnett, Cathy Cannon, Anne Hoskins, and Christina Lindstrom.

"C.E. Today" was the theme for Parent Week-end at Monmouth on Saturday that was attended by Mr. and Mrs. Mike Mathews. Both Deniece and Ber-

nice Mathews, who are students there, took part in the many campus activities. On the return trip home the Mathews stopped for a visit with Mr. and Mrs. Francis Ely in Salem.

The Markham Bakers returned home on Monday evening from their winter residence in Mesa, Ariz.

Mr. and Mrs. Leo Crabtree, accompanied by Miss Lolah Wilson, drove to Portland on Sunday to visit Mrs. Edris Lindstrom in the Good Samaritan hospital. Miss Wilson remained in Portland.

Driving to Kennewick on Sunday afternoon for a visit with Mr. and Mrs. Rex Fisk were Mrs. Amanda Warfield, and Mr. and Mrs. Louis Carlson and children.

Mr. and Mrs. Bill Bergstrom, and Rudy Bergstrom attended the funeral of Frank Tews, father of Paul Tews, in Seattle on Saturday.

Word has been received here of the death of Mrs. Ruby Tomlin Montgomery, wife of L. A. Montgomery, of Beaverton. Mrs. Montgomery was a 1917 graduate of Ione High school, and was a resident here many years ago along with her brothers, Archie and Eddie Tomlin, and a sister, Mrs. A. W. Howry. Services were held in Portland on Tuesday.

Recent visitors at the Blaine Chapels were Mr. and Mrs. Rho Bleakman of John Day. Mrs. Tom Fraters of Grass Valley also spent a few days here last week.

Patti Pettyjohn, daughter of Mr. and Mrs. Lee Pettyjohn, attended a directors meeting of the Oregon Barrel Racing Association held in Portland on Saturday. Miss Pettyjohn is director of the northeast Oregon area.

Mrs. Judy Andrew of Corvallis spent the week-end at the home of her parents, Mr. and Mrs. Harold Sherer.

Sunday dinner guests at the home of Mr. and Mrs. Wate Crawford were Mr. and Mrs. Harlan Crawford and family of La Grande.

Visitors at the parental Gar Swanson home this week were Mr. and Mrs. John Swanson and girls of Portland. Saturday night

guests were Mr. and Mrs. Jack McMahon of Kennewick.

Mr. and Mrs. Melvin Martin, Melene and Mark, drove from Othello, Wash., this week-end to visit his parents, Mr. and Mrs. Fredrick Martin.

In addition to those Anti-Litter posters displayed last week in local businesses the art work of Sheri Wilson, Charles McElligott and Joel Peterson are now on exhibit. This Anti-Litter campaign is a project of the Ione Garden Club.

Monday, March 11, will be Ladies Nite at the Ione Lions club with members and their wives to enjoy dinner at 7:00 p.m. followed by a colored travelogue, and other entertainment.

Everyone is invited to come to the Willows Grange Hall on Friday, March 8, at 8:00 p.m. for an enjoyable evening of square dancing. A potluck snack will follow around 11:00 p.m. Guest caller will be Don Arkell of Pendleton.

Mr. and Mrs. Roy W. Lindstrom drove to Tacoma this week-end for a visit with their son, Steve, who is a student at Pacific Lutheran.

Friends will be glad to know that Bill Melena has been dismissed from the hospital and is convalescing at Delamarter Nursing home in Pendleton.

Mrs. Lewis Halvorsen and Mrs. Archie Munkers are visiting this week with Mr. and Mrs. Roy Stender in Salem.

Mr. and Mrs. Ray Heimbigner were guests this week of their son, Tom, for Dad's Week-end on the University of Oregon campus in Eugene. Also enjoying the busy week-end, which included basketball games with Washington State and the University of Washington, were Mr. and Mrs. Raymond Lundell, who were guests of their daughter, Cheryl, and Walt Jacobs who visited his son Jim.

Mrs. Gordon Meyers, Mark, and Lisa, were overnight guests Friday at the home of her grandmother, Mrs. Evelyn McCool.

State Youth Officers Visit

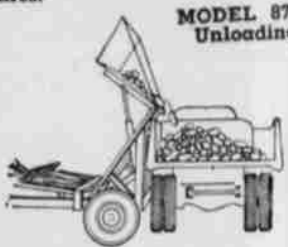
On Sunday afternoon members of the lone United Church of Christ Sunday School class were hosts to a caravan of state youth group officers and also Condon High school. Folk singing and plans for the Mid-Winter Conference, were on the agenda. State officers present were Gail Kapp, Buz Elgin, Jim Coates and Lydia Robinson who were accompanied from Portland by Miss Ruth Bailey, state director. Rev. Dick Trotter, Larry Tombleson, and Rod Trotter were guests from Condon. Local

students who enjoyed the afternoon were Chuck Nelson, Keith Nelson, Kristin Nelson, Scott Wilson, Christine McCabe, Barbara Boyce, Sharlene Hamlett, Sue Jepsen, and Ricky Boyce. Also attending were Rev. A. H. Hazzard, Mrs. Norman Nelson and Mrs. Lindsay Kincaid.

BESTLAND ROCK PICKERS!



MODEL 876 — unloads into truck — 8' swath — 4000 lb. hopper capacity — adjustable spacing of 1 1/4" square spring steel tines — 4 wheels and tires.



MODEL 876 Unloading

Typical Bestland owner report: "There is no equal to a Bestland for strength and clean picking."



MODEL 624 — With Center Pull Tongue or with Side Pull Tongue for picking beside the tractor — by simple adjustment tow or pick directly behind tractor — 6' picking swath—adjustable spacing of 1 1/4" square spring steel tines — 4 wheels and tires. Low, low price.

Write, Phone or See

Gray's Repair

Heppner, Oregon 97836

Phone 676-5541

or

676-5395

OREGON TRAIL ANGUS SALE

HERMISTON, OREGON

MARCH 16

Held at Northwestern Livestock Auction Yard on Highway 30

30 BULLS 30 FEMALES

Sale Starts 12:30 P.M.

Sponsored by Oregon Angus Ass'n.

For Catalogs Write HAROLD RANKIN

809 Tamarack, Hermiston, Oregon 97838

Rockhound Corner

The Rockhound meeting of March 2 was called to order by President Eleanor Gonty. Guests were Mr. and Mrs. Barney Barnett, and the parents of Mrs. Barnett.

Several reports were given by members. Ruby and George Miller reported on rock shows which they had recently attended in California, and Mary and Pete McMurtry discussed the equipment which they had recently purchased in Portland with club funds to be used in work of the club members. Mrs. Miller continued a talk on chalcodony; Walt Edger reported on the cornelian and sand stones, and Mr. Miller discussed characteristics of the chrysocolla and chrysocrase. Rachel Harnett presented information on the Jasper.

A greeting was extended from Ora Evans to all club members. The next meeting is scheduled for March 23 at the old Wag on Wheel dining room, now owned by the McMurtrys. All interested persons are invited to attend. On the agenda is a report on bloodstone, to be given by Ed Gonty, with other members to report on Iris agate, fire agate and agatized wood.

Nikanders Return From Church Meeting

Mr. and Mrs. Gus Nikande have returned to their home after spending several weeks in the Los Angeles area, where they went to attend the Four Square Gospel church convention. The couple spent several days vacationing in Pacific Palisades before going to the convention, which was held in the Angels Temple in Los Angeles. After their meetings, the couple spent time visiting friends in Palm Springs, Palm Desert, and San Francisco before resuming their trip home. In Corvallis, they visited with Rich Peterson, a former Morrow county resident.

POWER CONTROL

ELECTRIC MOTOR SERVICE

WE REPAIR:
• Electric Motors
• Power Tools
• Hydraulic Jacks
• Alemitic Equipment

421 S. E. 4th Pendleton
Phone 276-5862

RANCH AERO AIRPLANE SPRAYING CO.

Owned and Operated By
PAUL N. HANSEN

Will be back again this year with two sprayers to offer assistance to the ranchers of this area with your weed spraying problems.

This will be my 21st season in this area, and I wish to express my appreciation of your past and continued patronage.

LANE APT. NO. 5 HEPPNER PH. 676-9294

LET US CHANGE YOUR TIRES

For Spring Driving

WE WILL--

1. Take Off Your Two Winter Tires
2. Mount Your Two Summer Tires
3. Balance Your Wheels

ALL FOR ONLY

\$3.95

FORD'S TIRE SERVICE



HEPPNER PH. 676-9481

- 2,4-D
- Simizen
- Atrizen
- Amatrol-T
- Amine

How Can We Keep You GROWING BETTER? HERE'S HOW:

NH3-- AQUA-- N-SOL-23

DRY FERTILIZER SPREADER FOR RENT

120 Gal. SPRAY TANK, Rent by Day or Week
40' GROUND SPRAYER, Rent by Day, Week or Acres
SPRAYING EQUIPMENT OF ALL KINDS
IRRIGATION EQUIPMENT—Pumps, Pipe and Fittings

15 YEARS OF DEPENDABILITY AND SERVICE
SHELL RESEARCH AND KNOW-HOW

36'-42'-52'-62' APPLICATORS

HEPPNER INLAND CHEMICAL

Heppner, Oregon Ph. 676-9103

SPRAYERS -- Hand--Lawn and Field

- Dowpon C
- Dry Fertilizers
- M.C.P.
- Benzabor
- Prills
- Borolin
- Amizine
- Malron
- Linntox
- Dow General
- Buturic 118