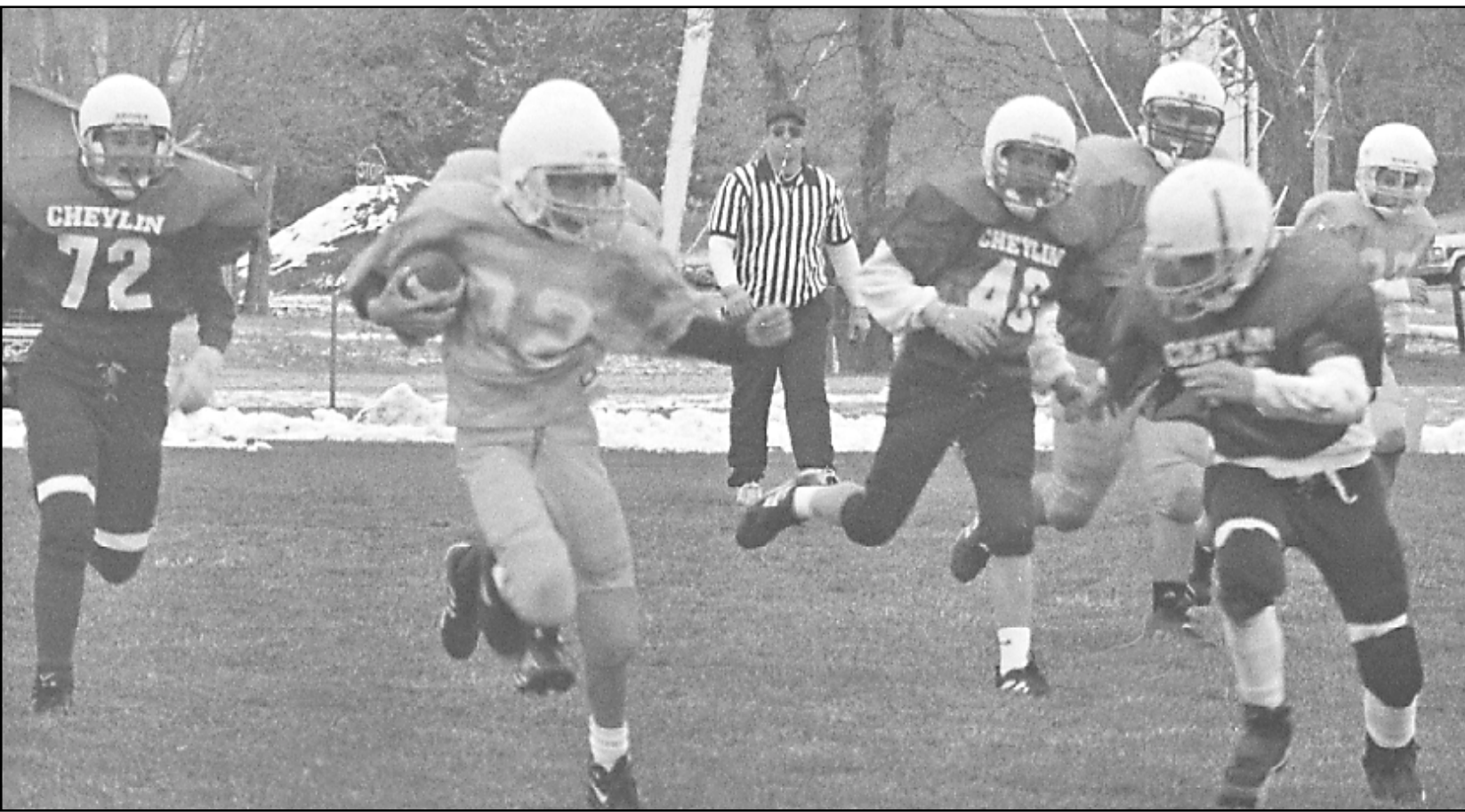


Cheylin Cougars suffers two losses



SEVERAL CHEYLIN Cougars are to make the tackle to stop Grinnell from scoring.

Times staff photo by Peggy Horinek

By Peggy Horinek
Cheylin vs Great Plains

The game with Golden Plains was a big loss as the Cougars were playing against a good team and were outsize. Coach Max Keltz said, "we had problems running on downs and gave away too many big plays to win."

The final score was 58-9.

Team stats

Team stats with Cheylin listed first followed by Golden Plains; first downs: 6/11; rushing yards: 27 yards on 32 attempts/366 yards on 40 attempts; passing yardage: 141 yards on 18 attempts with 11 of those completed/65 on 7 attempts with 2 completed; fumbles: 7/4; penalties: three for 15 yards/five for 45 yards.

Rushing: Josh Moyer, 25 yards on 14 carries; Matt Wilson, 0 yards on 14 carries; Cole Williams, -6 yards on 4 carries; Tyler Knapp, 1 yard on 1 carry.

Passing: Wilson, 11 completions on 18 attempts with 141 yards gained and one touchdown.

Passes caught: Sager, six for 40 yards; Moyer, three for 94 yards and a touchdown; Knapp, one for 4 yards.

Interceptions: Moyer, one for a gain of 15 yards.

Punter: Sager, six for 189 yards.

Punt Return: Wilson, one for 4 yards

Kick-off: Sager, three for 123 yards

Kick-off return: Wilson, four for 84 yards or 21 yard average

Tackles: Wilson 27, Sager 11, Moyer and Williams 7 each, Hengen and John Simmonds 5 each, Knapp and Kelly Ray Simmonds 4 each, Banister and Smith 3 each, Linin and Krien two each and Gordon with one.

Cheylin vs Sharon Springs

Last Friday night the Cougars took on Sharon Springs but lost with a score of 20-22. In the first quarter, Smith made a tackle putting the first score on the board with a safety. The second quarter was scoreless for the Cougars but the Wildcats made two touchdowns making the score 16-2 with Sharon Springs ahead. In the third quarter the Cougars came back into the game with a 40-yard pass from Sager to Wilson for a touchdown. The conversion was no good. Williams then had a touchdown with a 3-yard run. Again the conversion was not good. The Wildcats had one touchdown and their conversion was no good leaving the score 22-14 Sharon Springs. In the final quarter a touchdown was made by Wilson on a 1-yard run. Hopes were high for the conversion to tie the game but the conversion failed letting the Wildcats win 22-20.

Team stats with Cheylin listed first

followed by Sharon Springs; first downs: 14/9; rushing yards: 195 yards on 52 attempts/91 yards on 37 attempts; passing yardage: 97 yards on 14 attempts with 6 of those completed/105 on 16 attempts with 7 completed; fumbles: 7/1; penalties: 13 for 89 yards/10 for 75 yards.

Rushing: Josh Moyer, 125 yards on 22 carries; Matt Wilson, 57 yards on 22 carries; Cole Williams, 10 yards on 6 carries; Banister, -1 yard on 2 carries.

Passing: Wilson, 6 completions on 14 attempts with 97 yards gained and one touchdown.

Passes caught: Sager, two for 49 yards and a touchdown; Moyer, one for 16 yards and a touchdown; Krien, two for 18 yards; Hengen one for 8 yards.

Interceptions: 0

Punter: Sager, two for 70 yards

Punt Return: Wilson, three for 81 yards

Kick-off: Sager, four for 212 yards

Kick-off return: Wilson, one for 16 yards or 5.3 yards average

Tackles: Wilson, 14; John Simmonds, 13; Williams, 9; Moyer, 7; Hengen and Kelly Ray Simmonds each four; Knapp, Smith and Sager each with 3; Linin, one.

Introducing

Alexander Gene Olliff

Morgan Olliff is excited to announce the birth of her brother Alexander Gene. He was born on Oct. 22, in Holdredge, Neb., and weighed in at 7 pounds, 8 ounces and was 19 1/2 inches in length. The proud parents are Corinna and Verland Olliff.

Grandparents are Kathy Thibedeau and Carol and Norman Olliff of Norton. Great-grandparents are Delbert and Rosemary Powell of Bird City, Freda Drake of Hastings, Neb., and the late Lealand Drake. Alex is the great-great grandson of the late Sybil and Maxon Brown and the late Versailles and Pearl Olliff.



Junior high Cougars finish up football season

On a cold October afternoon the young Cougars came back in the fourth quarter to edge out Grinnell 24-16. This completed a three game winning streak allowing the team to finish 4-3 for the season. The catch by Lucius White was the biggest catch he has

made all year for the game winner. For the year, the team averaged 27 points per game. Aaron Linner scored 72 points, Nathan Ketzner, 34 points, Sam Hengen, 60 points and White with 20 points.

In the first quarter, Linner scored

with a 45 yard run with Hengen making the two point conversion. This had the quarter tied at 8-8. The second quarter remained scoreless but in the third, Grinnell jumped ahead with a score of 8-16.

The fourth quarter was exciting

when Hengen ran 15 yards for the touchdown and Linner went in for the two point conversion. Hengen then threw a 15 yard pass to White with Ketzner running in for the two points ending the game 24-16.

Hand-held units tell farmers nitrogen needs in fields

By Amanda Jones

A new and improved hand-held GreenSeeker is available for wheat farmers interested in improving the nitrogen efficiency of their fields.

"Hand-held units have been commercially available to the private sector since July 2002," said Robert Mullen, senior research specialist at Oklahoma State University. "Thirty units were initially ordered and should be delivered within the next two weeks."

Realizing the need for improved nitrogen use in wheat fields, researchers at Oklahoma State University developed the GreenSeeker technology. The GreenSeeker hand-held is the product of more than 10 years of research at the university. The hand-held unit contains a sensor capable of identifying the amount of nitrogen needed in individual fields.

Currently, researchers are working on extending the versatility of the

hand-held GreenSeeker. They are making alterations that would enable the technology to work on other cereal crops.

Scientists working on the project foresee the technology becoming popular in mid-Western markets as more wheat producers become aware of the advantages of efficient nitrogen application. Mullen said the technology could move into the international segment after the Wheatbelt market develops.

GreenSeeker is manufactured by NTech Industries Inc. Recently, the company opened a facility in Stillwater, Okla. The new location will enable the company to work closely with the Oklahoma State University researchers.

The hand-held GreenSeeker optically senses plants' nutrient requirements and determines the variable amount of nitrogen needed. The sensor looks at the health of the plant and

makes fertilizing decisions. It can identify wheat stands even in the dark. The sensor can detect differences at 15 mph. These advantages will increase the accuracy of fertilizer distribution.

"If the hand-held actually works, I may be interested," said Gary Leach, a northwest Kansas wheat farmer. "I don't want to apply any more nitrogen than is necessary."

The hand-held sensor will have a dual effect on production; it will both decrease input costs and increase output dividends. Fertilizing fields is a major cost for farmers and an increase in efficiency may prove beneficial, said Mr. Leach.

"The biggest problem facing the marketing of GreenSeeker is that farmers do not understand how the technology works," said Mr. Mullen. "They must be shown how they can make money by using this technology."

The cost effectiveness of the hand-held unit may ultimately determine its

popularity with wheat farmers. Jim Stiegler, the department head of plant and soil sciences, said hand-held units are being sold for between \$3,000 and \$4,000.

"My first concern would be whether purchasing it would be an economically justifiable investment," said Mr. Leach. "Sometimes the wheat market cannot justify the expense that comes with new technologies."

In an effort to increase the use of GreenSeeker, university researchers are actively educating the public through demonstrations and public relations activities. The department of plant and soil sciences conducts field studies and publishes its findings in an effort to persuade those involved in the wheat industry.

"To lots of producers, this seems like just smoke and mirrors," said Stiegler. "Seeing is believing; we may have to do a lot of demonstrations before people are ready to accept the technology."

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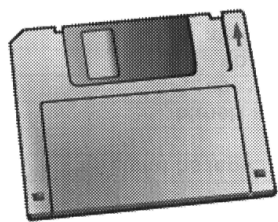
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