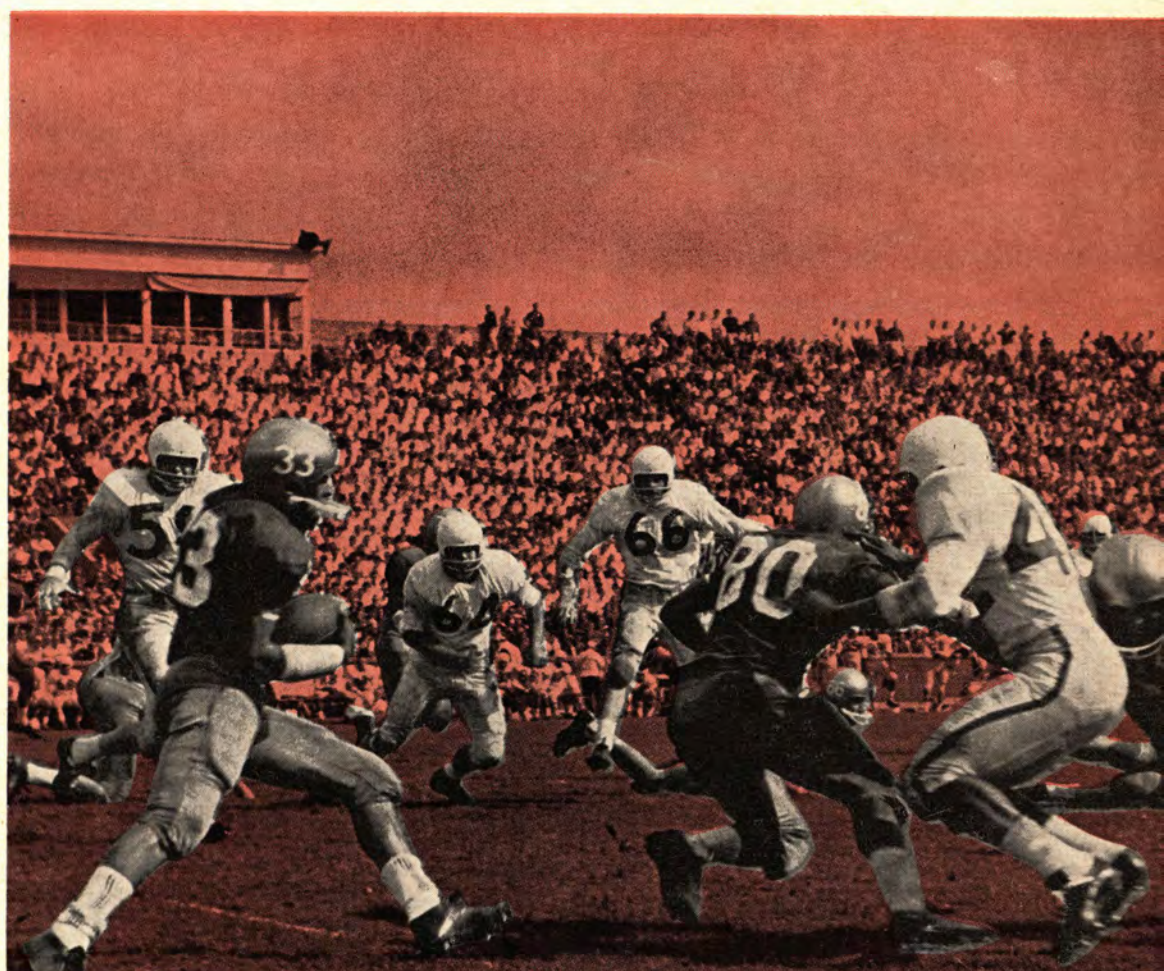


OFFICIAL PROGRAM - TWENTY-FIVE CENTS

Cyclone

The



**IOWA STATE
COLORADO**

HOMECOMING 1960

CLYDE WILLIAMS FIELD
SATURDAY, OCT. 15, 1960
KICKOFF 1:30 P.M.

The College Savings Bank

Supports

The Iowa State Recreation Program



For 44 Years - Same Location

SOUTH OF CAMPUS



WEST AMES, IOWA

Total Resources over \$6,000,000

Member F.D.I.C.



JAMES H. HILTON
PRESIDENT

On our Homecoming occasion, I wish to join with the students and faculty of Iowa State University in extending a sincere welcome to our alumni and friends of the University.

A formal welcome to our campus is not necessary. Many of you are returning to familiar scenes and places to meet old friends and renew old friendships. Yours is a time of remembering student days. The doors of the University are open at any time to our many friends as well as our alumni. For, after all, this is your Land-Grant University. It belongs to the people of Iowa and is dedicated to serving them in any way possible.

We welcome you, our alumni and our friends, and we are honored to have you as our guests. May you enjoy your visit and may we see you often in the future.

Sincerely yours,

James H. Hilton
President

**American Dairy Association of Iowa
invites you to**

double your fun

**see the Hawkeyes and Cyclones in action . . .
then, tune in T.V. Highlights of each week's game!**



"EVY"



CLAY

You'll enjoy the game more if you see every play of every game on TV Sundays at 4 p. m. on KRNT-TV, Des Moines; WMT-TV, Cedar Rapids; KGLO-TV, Mason City; KQTV, Ft. Dodge; and WOC-TV, Davenport.*

Expert commentary by Head Football Coach and Athletic Director Forest Evashevski and sportscaster Ron Shoop.

See Cyclone game highlights Monday nights at 10:30 p. m. on KRNT-TV, Des Moines, and KQTV, Ft. Dodge, and at 11:00 p. m. on WMT-TV, Cedar Rapids.

Expert game commentary by Head Football Coach Clay Stapleton and sportscaster Ron Shoop.

Coaches, trainers, athletes all know the value of drinking plenty of milk — at least 3 glasses daily. Remember, you never outgrow your need for milk.

**AMERICAN DAIRY ASSOCIATION
OF IOWA**

(Iowa Dairy Industry Commission Cooperating)
333 Insurance Exchange Building
Des Moines, Iowa

Another Big Crowd

Jams Cyclone Stadium

For the second week in a row Iowa State is playing before a sellout crowd—and in Ames yet!

Last week Merl Ross, veteran business manager of athletics, proudly paraded to the ticket window at 10 on Saturday morning and hung up the sold out sign—the first in Iowa State home football history!

But, big as that story is for him, the big story today is the football game to be played before more than 19,000 homecoming fans. Big, potent and improving, Colorado will pour into Clyde Williams Field today with fire and revenge spouting. Last year the Cyclones defeated the Buffaloes, 27-0, at Boulder. This year the Buffs are swearing revenge for that loss.

And they are in good shape to make just such a bid. New speed and therefore a better running game now surrounds the brilliant passing of Gale Weidner, All-Big Eight quarterback. Ted Woods, Olympic

400-meter performer, and Ed Coleman, sophomore halfback, have given Colorado the speed in the backfield that it did not have a year ago. Weidner still throws strikes with regularity so the Buff attack is now geared to a sound running AND passing game.

Iowa State, too, will move the ball with the power running of All-American Tom Watkins and the deft lancing of the brilliant Dave Hoppman. It ought to be a high scoring affair, although such a forecast nearly always winds up with a 7-6 or 14-13 result.

Kansas moved to the top of the Big Eight race but may have a real struggle to stay there. The Jayhawks entertain Oklahoma today. A Kansas win would just about insure Orange Bowl ambitions—except that potent Missouri, too, bars the way for Kansas. Missouri ought to remain in a tie for first with a win over Kansas State.

BIG EIGHT STANDINGS

Conference Games

	Won	Lost	Pct.	TP	OP
Kansas	2	0	1.000	69	14
Colorado	1	0	1.000	27	7
Missouri	1	0	1.000	28	7
Iowa State	1	1	.500	24	35
Nebraska	1	1	.500	24	17
Oklahoma State	0	1	.000	7	28
Kansas State	0	3	.000	14	85
Oklahoma	0	0	.000	0	0

All Games

	Won	Lost	Pct.	TP	OP
Kansas	3	1	.750	97	28
Colorado	2	1	.667	62	49
Missouri	4	0	1.000	103	23
Iowa State	3	1	.750	114	56
Nebraska	2	2	.500	52	56
Oklahoma State	1	2	.333	35	44
Kansas State	1	3	.250	34	91
Oklahoma	1	2	.333	18	57

Games Today

Colorado at Iowa State Oklahoma State at Houston
 Missouri at Kansas State Oklahoma at Kansas
 Army at Nebraska

Who's the Queen?



NANCY BECKER



NONA EVANS



JUDY HEALEY



NANCY HILLIG



JOYCE RICE



NANCY STARBUCK

As in the past, the time element between the selection of the Homecoming Queen and the printing of the football program precluded the possibility of having the queen pictured here for you.

So, we have done the next best thing and made a lot of people happy. We have on this page the pictures of the six finalists. Now, this poses a bit of a riddle for the fans. Pick out the selections you would make for the queen and her attendants.

After you do this, listen for the gentleman on the public address system to tell you who the queen and her attendants are. In this way, you can be a judge and at the same time find out who the Homecoming Royalty really are.

Cy's Favorite Alum



A tradition of Homecoming at Iowa State University is the selection of Cy's Favorite Alum. This is an honor bestowed upon an alumnus who has made outstanding contributions to Iowa State in service and in interest.

This year, Hollis Hilstrom, Sycamore, Ill., has been selected as Cy's Favorite Alum. He has been a generous contributor to the Alumni Achievement Fund and to the Cyclone Club since it was organized. He is a sincere worker with Iowa State Coaches in recruiting outstanding high school students.

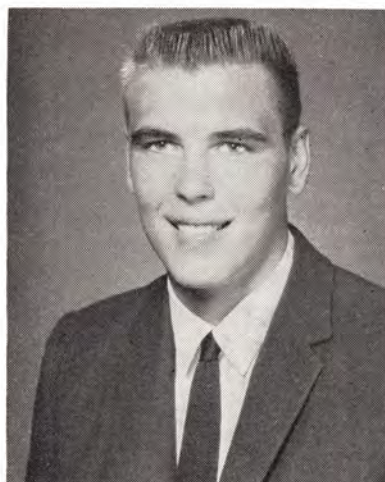
Hilstrom has maintained high interest and regular attendance at home athletic events as well as contests away from the campus and has demonstrated an interest in Iowa State's teams and athletes which has not been surpassed. He has been "on call" for the University regardless of a busy schedule as a manufacturer.

Hollis Hilstrom is a 1934 graduate in mechanical engineering. He is president of the Driv-Lok Pin Company of Sycamore, Ill.; a member of the Board of Directors of the Iowa State University Foundation; Class Agent for the class of 1934 for the Alumni Achievement Fund and vice-president and a member of the Board of Directors of the University Alumni Association.

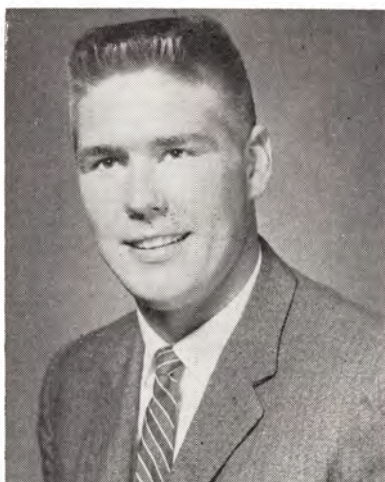
The student body, staff and faculty of the Iowa State University extends congratulations to you, Hollis Hilstrom, on this Homecoming occasion.



CYCLONES



77—DON ANDERSEN
Atlantic
Coach—John Hunter
Physical Education



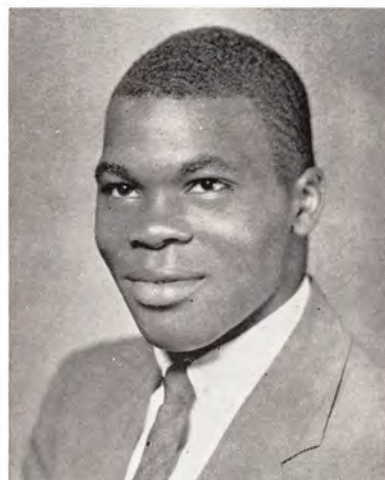
75—HARVEY ANDERSON
Roland
No High School Experience
Industrial Education



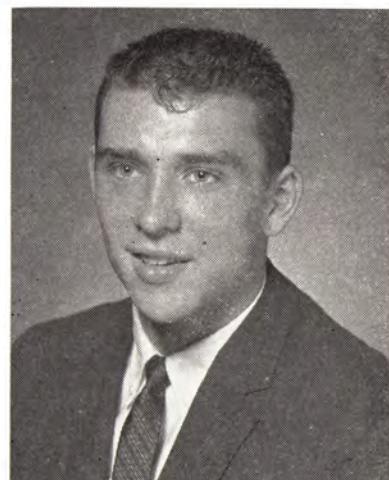
74—GARY ASTLEFORD
Lake City
Coach—Jim Yunek
Physical Education



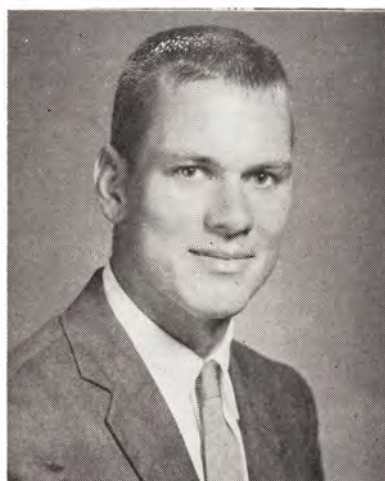
52—JIM BARR
Oak Park, Ill.
Coach—Ralph Peterson
Engineering



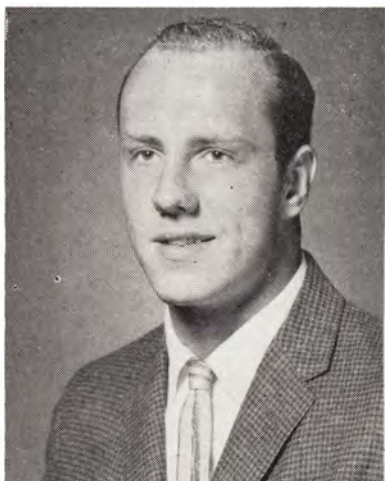
32—J. W. BURDEN
Portsmouth, Va.
Coach—Walt Hurley
Physical Education



61—DAN CELONI
Milwaukee, Wis.
Coach—Bob Regent
Physical Education



34—TERRY CHANDLER
Oelwein
Coach—Joe Samuelson
Physical Education



45—JIM CLAPPER
Ottawa, Ill.
Coach—Bill Novak
Electrical Engineering



15—DAVE CLAYBERG
Story City
Coach—Lou Schraeder
Physical Education

DIAGRAMS . . .



Back in the early beginnings, football teams had some semblance of organized attack. They probably had some numbers to designate plays. Some plays they probably thought up in the huddle and some plays happened purely by accident. However that may be, the ball was pushed, shoved, carried and forced by sheer strength and some planning from one goal line to the other.

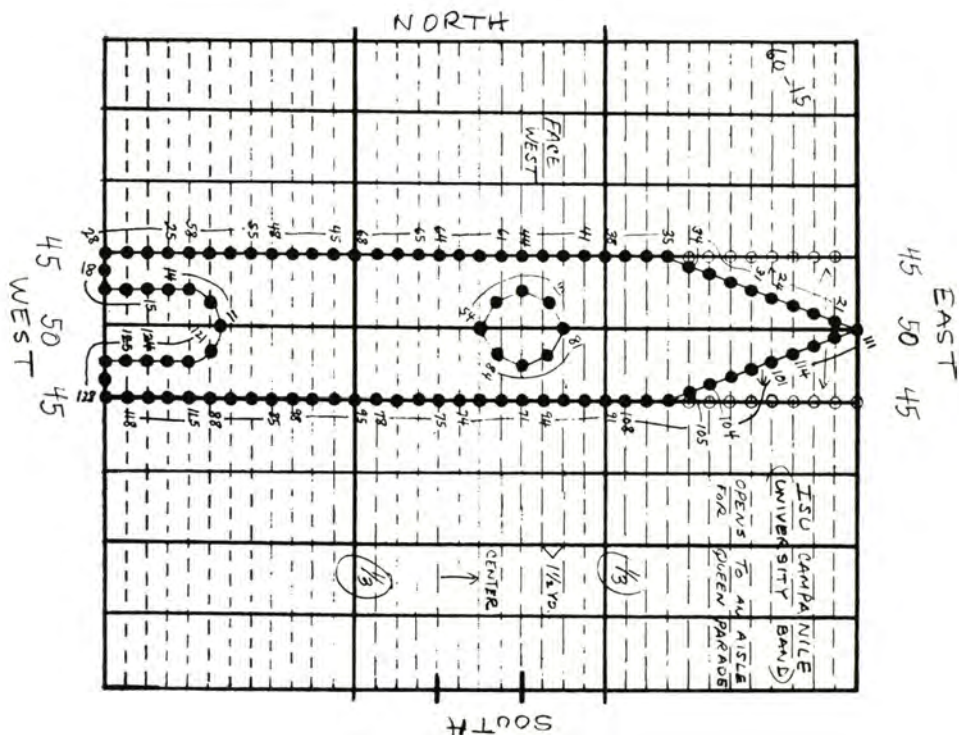
That day is past. Today's football player goes at the game with native ability, and plenty of study. The plays that happen on the field don't just HAPPEN. They are well planned and usually well executed.

Pictured above is a diagram of an off-tackle play. To the uninitiated, this does not mean much. To the player, it immediately tells blocking and running assign-

ments. Every play run on the field this afternoon had its start as a diagram such as the one printed above. The players study these, learn the number designations and the variations. This is in addition to practice on the field every day of the season. There are many such diagrams to learn and recognize immediately in the excitement of the game. No time for stopping to mull over the quarterback's signal. It is a decision right now and every man must move in his proper direction, take care of his assignment in a split second to make the play go.

So, you see, football isn't the simple game of the early beginning. It is a science. It requires practice and eventually perfection. Remember this as each individual play is unrolled before you today.

Diagrams . . .



As the team bases its attack on diagrams of plays, so do other segments of the whole that makes up a football afternoon for the spectator.

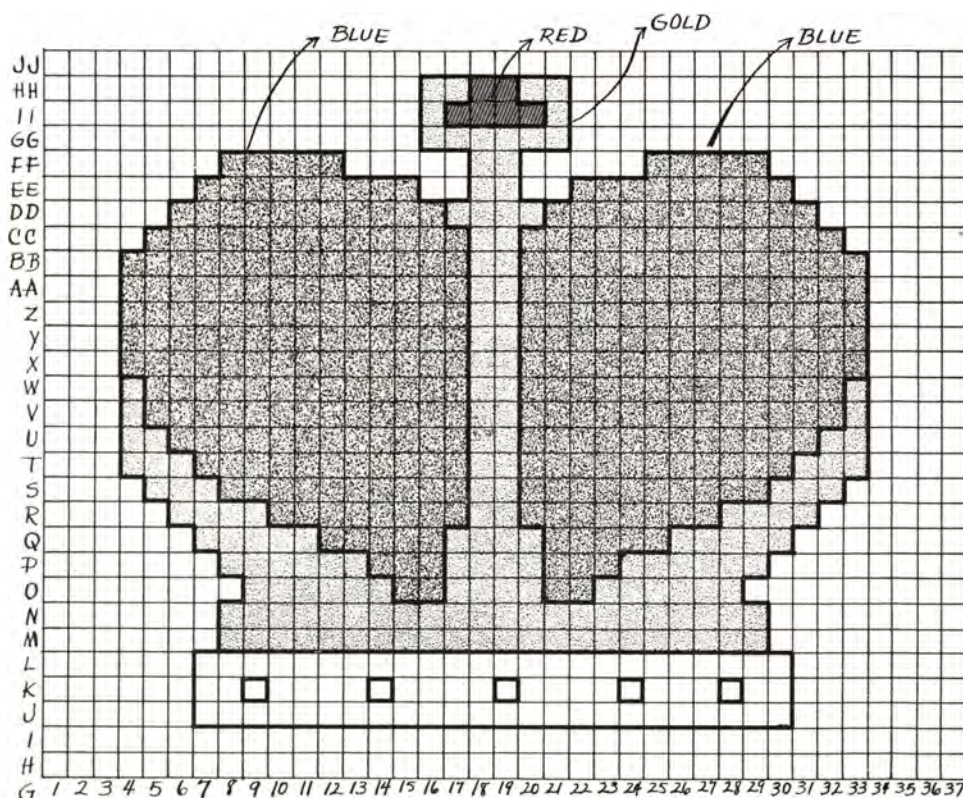
If you are watching the band go through its "bag of tricks" at the half time this afternoon, please remember that this isn't just thought up on the spur of the moment. There is no magic formula which allows the band members to be at the right place at the right time to form the designs on the field.

Every band member has a place in the design and each member has a specified procedure to go through to get to that place. It takes timing, spacing and concentration. And, all of this is going on while the band members are playing the music necessary to the stunt.

As in the case of the football team, these stunts are also put in diagram form. Each band member studies the diagram, finds out in what direction to take off as the various formations are called for and then matches the music to the formation. This takes four hours of intensive practice by the entire band on the practice field west of the band building.

Comes the big day and the band is ready. They do the formations with perfection, play the music with proper verve and entertain the thousands of fans. But, remember, it took lots of extra time and effort on the part of the 120 marching band members to make the display a pleasing one. So, as you watch the band today, bear in mind that this too was designed, studied and learned and presented for your enjoyment.

and more Diagrams . . .



So far, we have shown you how diagrams play a part in a football afternoon for the team and the band. We still have a third segment of the football weekend entertainers who use diagrams to make their part of the afternoon one of perfection.

The card section, seated on the east side of the field about on the 45-yard line, do their designs sitting down. But, they are of a nature which requires concentration and attention, too.

Students make up the card section. There are 1,044 of them performing for each home game. This means that they fill up 29 rows with 36 students per row. Before the half, monitors pass out colored cards and a direction sheet telling each individual student what color card to flash at a given signal. The direction sheets

take into account every seat number and every color. So, there is plenty of work before each game to key the colors to the individual seats and rows.

Once in place, each student looks at his or her direction sheet. Then, on a given signal from the card section director, the student flashes the color card his or her row and seat number calls for at that time. The result is an intricate design which is easily visible from across the field.

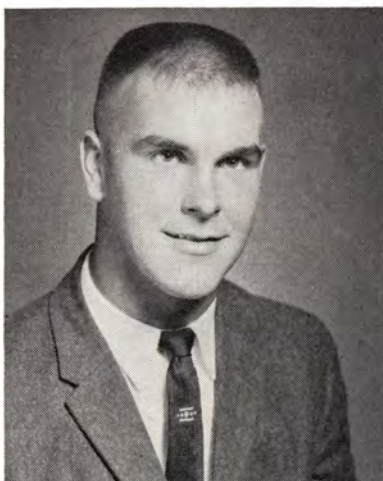
We hope we have told you, briefly, what goes into the planning of a football afternoon from the featured players on the team to the supporting cast in the band and card section. All of this represents extra time spent by players and students to make your afternoon an exciting and enjoyable one.



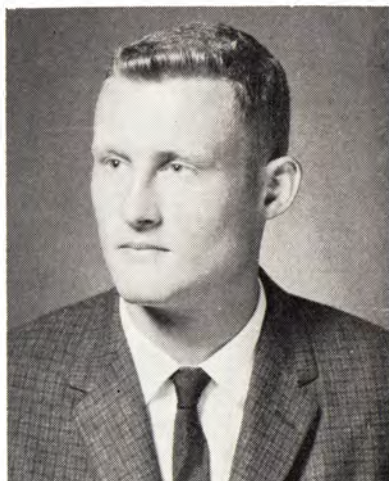
CYCLONES



18—JOHN COOPER
Heiskell, Tenn.
Coach—John Clabo
Physical Education



68—GALE DOUGLAS
Reedsburg, Wis.
Coach—George Holmes
Physical Education



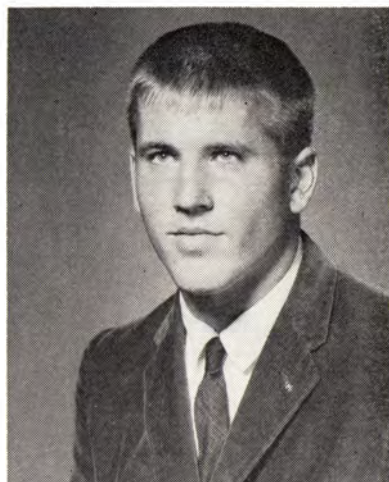
78—JEFF ECKARD
Dalton, Ohio
Coach—Billie McFarren
Physical Education



54—CAPT. ARDEN ESSLINGER
Dubuque
Coach—Gallen Thomas
Physical Education



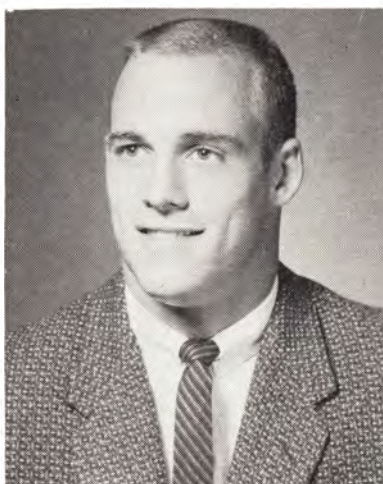
33—MICKEY FITZGERALD
Detroit, Mich.
Coach—Jerry Raymond
Physical Education



46—GREGG GAMMACK
Ames
Coach—Ken Wells
Physical Education



82—LOU GARTNER
Park Ridge Ill.
Coach—Ken Olson
Physical Education

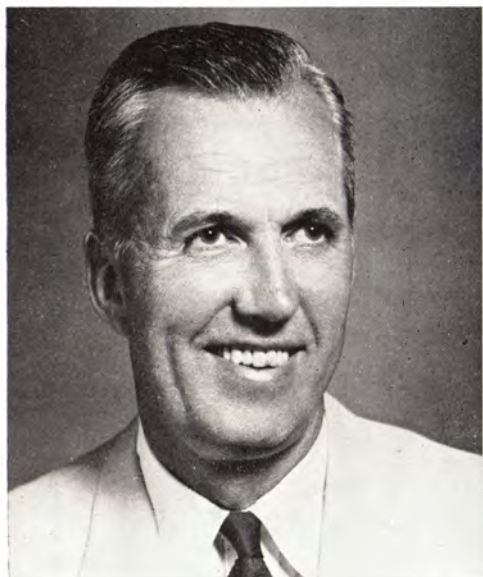


17—PETE GOESER
Omaha, Neb.
Coach—Rex Johnson
Physical Education

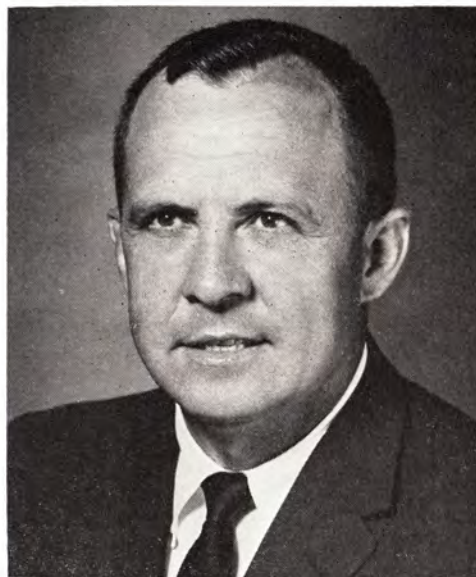


70—TOM GRAHAM
Sioux Falls, S.D.
Coach—Grant Heckinlively
Industrial Administration

Iowa State University Staff



GORDON CHALMERS
Director of Athletics



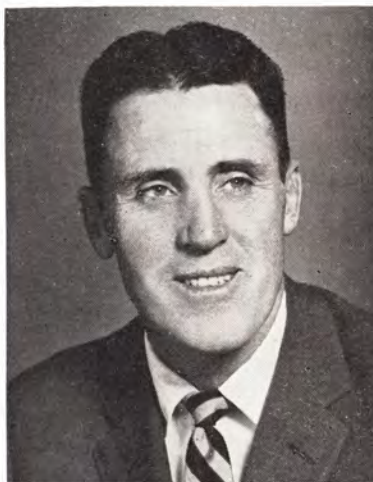
CLAY STAPLETON
Head Football Coach



LOU McCULLOUGH
Assistant Football Coach



BURNIE MILLER
Assistant Football Coach



ARCH STEEL
Assistant Football Coach



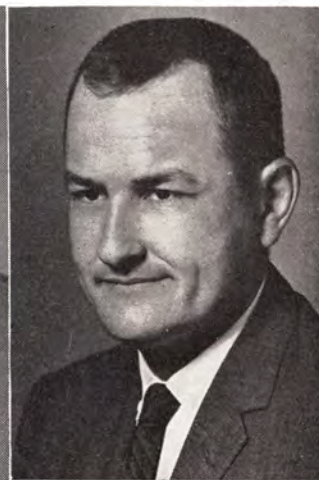
ERNIE ZWAHLEN
Assistant Football Coach



DICK CORRICK
Assistant Football Coach



VERN GALE
Freshman Football Coach



WARREN ARIAIL
Trainer

All-American Wallace Leads 1920 Team



Back row, left to right: Kehoe, G. Nelson, Wallace, Currie, White, McTaggart, Rodwell, Brorby.
Center row, left to right: Lindroth, A. Nelson, Webb, Hibbs, E. White, Marvin.
Front row, left to right: Higgins, Young, Morrison, Church, Birch, Laughlin, Riggs, Whitacker.
Not pictured: Capt. Boyd and Barker.

Ames Laboratory Scores Again



Football fans who came to today's game via Pammel Drive no doubt noticed a beautiful new structure on the north side of the street, across from the Ames Laboratory's Research and Metallurgy Buildings. This is the new Metals Process Development Building of the Ames Laboratory, dedicated Thursday by John A. McCone, Chairman of the U. S. Atomic Energy Commission. The building was dedicated this week.

According to Dr. Frank H. Spedding, Director of the Institute for Atomic Research and the Ames Laboratory, the new building will better enable the Laboratory to conduct metals process development research on larger-than-laboratory scale and to evaluate the commercial feasibility of any process developed. It will also provide space in which to carry out the pure metals program that the A.E.C. has requested the Ames Laboratory to undertake.

The Metals Process Development Building brings to the campus one of the most modern chemical engineering and metallurgical research laboratories in the country. It will contain facilities for each step from ore treatment to metal fabrication or analysis. The structure is 230 feet long by 128 feet wide and contains 47,000 square feet of floor area. New equipment will include a 700-ton extrusion press and a large rolling mill. In fact, the building will contain a complete

metal production pilot plant which could be geared to larger scale production in case of emergency. The completion of this building marks another milestone in the long range program of the Ames Laboratory. When all the equipment is installed, the Laboratory plans an open-house to which the public will be invited.

The Ames Laboratory, employing over 600 persons, is operated for the U. S. Atomic Energy Commission as one of its major facilities by Iowa State University through the Institute for Atomic Research. Research programs are carried on in chemistry, engineering, metallurgy, and physics. Many students have received graduate training while holding research assistantships in the Institute. Iowa State has conferred Ph.D. degrees on more than 275 of these students, and an additional 250 M.S. degrees have been granted. Many of these graduates now hold important positions at other atomic research laboratories.

Since its beginning in 1942, the Ames Laboratory has made significant developments in materials research. The processes still being used today for uranium, thorium, yttrium and rare-earth metals production were developed at Iowa State. Between 1942 and 1944 over 2,000,000 pounds of uranium were produced on the campus.

Iowa State University Football Roster for 1960

ENDS

80	Don Webb**	173	5-10	21	Senior	Jefferson City, Mo.
82	Lou Gartner**	181	6-1	24	Senior	Park Ridge, Ill.
83	Sam Grooms	186	6-3	19	Soph	Hillsboro, Ohio
84	Steve Sturek*	161	5-9	20	Junior	Omaha, Neb.
85	Duane Marcellus	180	6-0	20	Junior	Humboldt
86	Ray Horky	178	6-0	20	Soph	Columbus, Ohio
87	Larry Montre	202	6-4	19	Soph	Dearborn, Mich.
88	Dick Limerick	184	6-0	19	Soph	Sioux City
89	Larry Schreiber	180	6-2	19	Soph	Sioux City
91	Bill Merridith	209	6-4	20	Soph	Westwego, La.

TACKLES

70	Tom Graham*	213	6-2	20	Junior	Sioux Falls, S.D.
72	Dick Walton	215	6-2	19	Soph	Canon City, Colo.
73	Larry Van Der Heyden**	197	6-0	21	Senior	Moline, Ill.
74	Gary Astleford*	197	6-1	22	Junior	Lake City
75	Harvey Anderson	231	6-4	20	Junior	Roland
76	Ron Walter*	212	6-2	21	Senior	Farragut
77	Don Andersen	224	6-5	19	Soph	Atlantic
78	Jeff Eckard	191	6-1	19	Soph	Dalton, Ohio

GUARDS

60	Jack Payne	204	6-2	19	Soph	Port Clinton, Ohio
61	Dan Celoni*	205	6-0	20	Junior	Milwaukee, Wis.
62	Al Perez*	193	5-11	21	Junior	Elkhart, Ind.
63	Hank Vogelmann*	200	5-10	26	Junior	Philadelphia, Pa.
64	Bruce Grasser	188	6-0	19	Soph	North Olmsted, Ohio
65	Dick Scesniak*	172	5-10	20	Junior	Chicago, Ill.
66	Carl Proto	194	6-2	18	Soph	Mansfield, Ohio
67	John Pichotta	198	6-1	19	Soph	Waukesha, Wis.
68	Gale Douglas	193	5-10	19	Soph	Reedsburg, Wis.

CENTERS

50	Steve Tisza	181	6-0	19	Soph	Chicago, Ill.
52	Jim Barr*	194	5-11	20	Junior	Oak Park, Ill.
53	Jon Spelman*	177	6-1	20	Junior	Elmhurst, Ill.
54	Capt. Arden Esslinger**	178	5-11	21	Senior	Dubuque
55	Ray Steffy	190	6-0	19	Soph	Akron, Ohio
58	Ron Ratliff	182	6-1	19	Soph	Washington Court House, Ohio

BLOCKING BACKS

42	Ken Griffith	183	6-0	19	Soph	Cuyhoga Falls, Ohio
44	Cliff Rick	178	5-10	21	Senior	Tulsa, Okla.
45	Jim Clapper	187	6-0	19	Soph	Ottawa, Ill.
46	Gregg Gammack	184	5-9	19	Soph	Ames

WING BACKS

32	J. W. Burden	163	5-9	20	Junior	Portsmouth, Va.
33	Mickey Fitzgerald**	160	5-10	21	Senior	Detroit, Mich.
34	Terry Chandler	158	5-10	20	Soph	Oelwein

FULLBACKS

20	Gary Theilig	185	5-11	20	Soph	Wausau, Wis.
22	Tom Watkins**	182	6-0	22	Senior	West Memphis, Ark.
23	Paul Sullivan*	178	5-9	20	Junior	Chicago, Ill.
24	Jim Watsabaugh	185	5-11	20	Junior	Omaha, Neb.
25	Bill Smith	195	6-2	20	Soph	Grundy Center

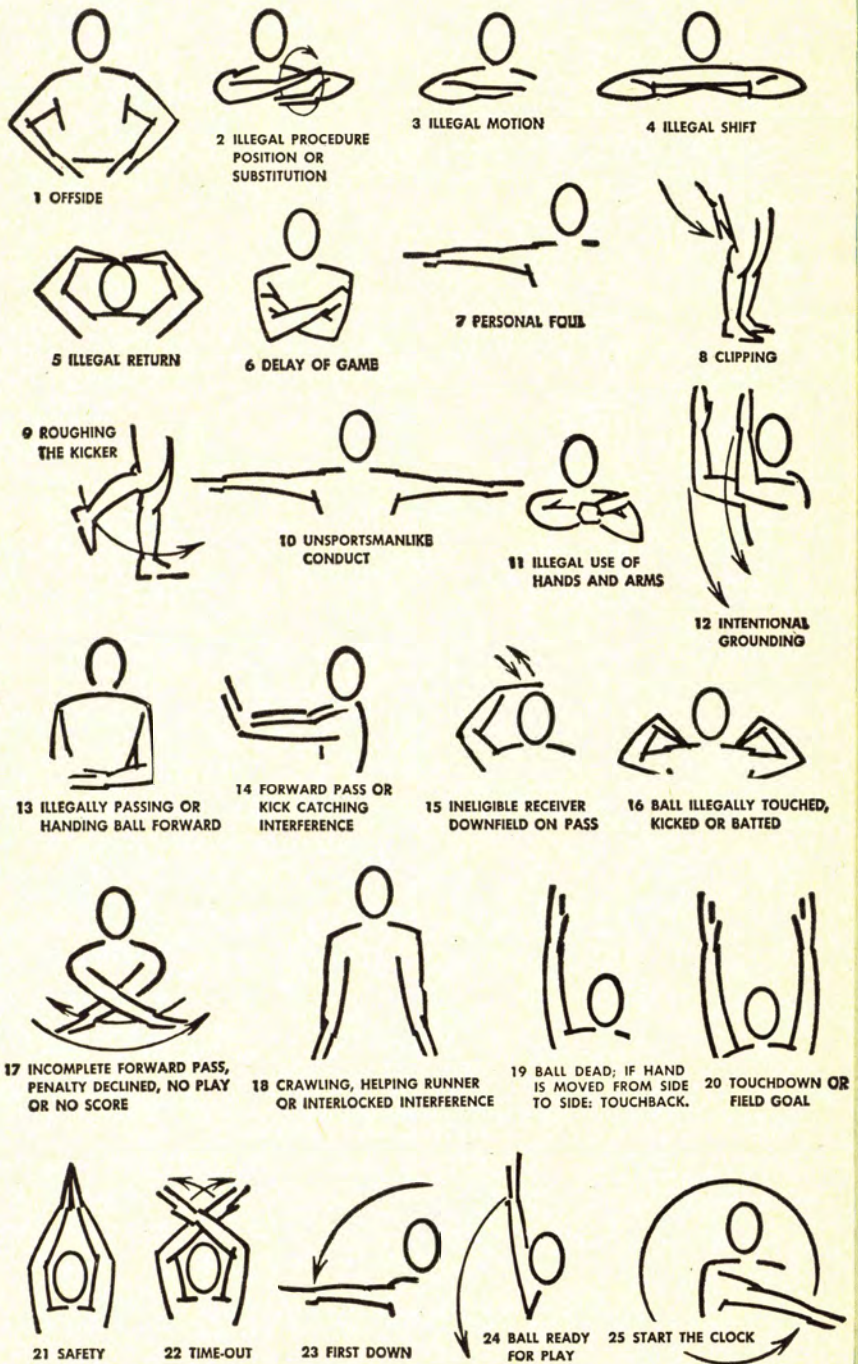
TAIL BACKS

14	Dennis Kushlak	183	6-0	18	Soph	Berea, Ohio
15	Dave Clayberg	166	5-11	19	Soph	Story City
16	Dave Hoppmann	171	6-0	20	Soph	Madison, Wis.
17	Pete Goesser**	161	5-11	22	Senior	Omaha, Neb.
18	John Cooper*	164	6-0	23	Junior	Heiskell, Tenn.

*Lettermen

...COKE REFRESHES YOU BEST!

TRADE MARK ®



MARSHALLTOWN COCA-COLA BOTTLING CO., MARSHALLTOWN, IOWA

Discover
PERFORMABILITY

IN THE **'61 LARK**
BY STUDEBAKER



Lark Performability is graced with new low-line styling, elegant, convenient interiors. Seats six in comfort. Choose from 8 smart styles.

IOWA STATE

PROBABLE STARTING LINE-UP

No.	Name	Position
85	DUANE MARCELLUS	LE
76	RON WALTER	LT
65	DICK SCESNAK	LG
54	ARDEN ESSLINGER	C
61	DAN CELONI	RG
73	LARRY VAN DER HEYDEN	RT
80	DON WEBB	RE
44	CLIFF RICK	BB
33	MICKEY FITZGERALD	WB
22	TOM WATKINS	FB
16	DAVE HOPPMANN	TB

The Cyclone Squad

14 Kushlak, TB	52 Spelman, C	74 Astleford, T
15 Clayberg, TB	53 Barr, C	75 Anderson, T
16 Hoppmann, TB	54 Esslinger, C	76 Walter, T
17 Goesser, TB	55 Steffy, C	77 Andersen, T
18 Cooper, TB	58 Ratliff, C	78 Eckard, T
20 Thellig, FB	60 Payne, G	89 Webb, E
22 Watkins, FB	61 Celoni, G	82 Gartner, E
23 Sullivan, FB	62 Perez, G	83 Grooms, E
24 Watsabaugh, FB	63 Vogelmann, G	84 Sturek, E
25 Smith, FB	64 Grasser, G	85 Marcellus, E
32 Burden, WB	65 Scesnak, G	86 Horky, E
33 Fitzgerald, WB	66 Proto, G	87 Montre, E
34 Chandler, WB	67 Pichotta, G	88 Limerick, E
42 Griffith, BB	68 Douglas, G	89 Schreiber, E
44 Rick, BB	69 Mosseller, G	91 Merridith, E
45 Clapper, BB	70 Graham, T	
46 Gammack, BB	72 Walton, T	
50 Tisza, C	73 Van Der Heyden, T	

Lark Performability features the new Skybolt Six or famous 259-V8, new automatic transmission, new steering system, new bonded brakes.

COLORADO

PROBABLE STARTING LINE-UP

No.	Name	Position
85	BILL ELKINS	LE
78	CHUCK PEARSON	LT
62	TOM WILSCAM	LG
55	BILL SCRIBNER	C
67	JOE ROMIG	RG
71	BILL EURICH	RT
82	JERRY HILLEBRAND	RE
10	GALE WEIDNER	QB
42	JERRY STEFFEN	LH
46	ED COLEMAN	RH
30	CHUCK WEISS	FB

The Buffalo Squad

10 Weidner, QB	42 Steffen, LH	68 Nagel, LG
11 Montera, QB	43 Johnson, RH	69 Woulfe, LG
12 Young, QB	44 Counter, RH	70 Young, RG
14 Dowler, LH	45 Smith, RH	71 Eurich, RT
15 Crabb, QB	46 Coleman, RH	72 Denvir, LT
16 White, QB	51 Heck, C	73 Wissmiller, RT
17 Graham, QB	52 Christensen, C	74 Perkins, RT
20 Rife, RH	53 Klinker, C	76 Bearss, LT
23 Willman, LH	55 Scribner, C	77 Grimm, RT
25 Mars, LH	56 Harper, C	78 Pearson, LT
26 Raisis, LH	57 Ellerbee, RT	80 Grundeman, RE
29 Vivian, LH	59 Rogers, RG	81 Henson, LE
30 Weiss, FB	60 Vardell, LG	82 Hillebrand, RE
31 Schweninger, FB	61 McCullough, LT	83 Krueger, LE
32 Hren, FB	62 Wilscam, LG	84 Semenko, RE
33 Claus, FB	63 Cundall, RG	85 Elkins, LE
34 Morris, RH	64 Fiebbe, LG	86 Bell, LE
35 Woods, FB	65 Wurst, RG	87 Blair, RE
36 Homco, FB	66 Bolan, RG	88 McBride, LE
40 Fink, RH	67 Romig, RG	89 Perriello, RE
41 Dickerson, RH		

Take a look at America's classic sports coupe, the 1961 HAWK,

with new optional synchromesh 4-speed gear box

FOR THE PAUSE THAT REFRESHES

PENALTIES

1. OFFSIDE by either team; Violation of scrimmage or free kick formation; Encroachment on neutral zone—Loss of Five Yards.

2. ILLEGAL PROCEDURE, POSITION OR SUBSTITUTION—Putting ball in play before referee signals "Ready-for-play"; Failure to complete substitution before play starts; Player out of bounds when scrimmage begins; Failure to maintain proper alignment of offensive team when ball is snapped; False start or simulating start of a play; Taking more than two steps after Fair Catch is made; Player on line receiving snap—Loss of Five Yards.

3. ILLEGAL MOTION — Offensive player illegally in motion when ball is snapped—Loss of Five Yards.

4. ILLEGAL SHIFT—Failure to stop one full second following shift—Loss of 15 Yards.

5. ILLEGAL RETURN of substitute not previously disqualified—Loss of 15 Yards.

6. ILLEGAL DELAY OF GAME; Taking more than five times out during either half (except for replacement of injured player)—Loss of Five Yards. Team not ready to play at start of either half—Loss of 15 Yards.

7. PERSONAL FOUL — Tackling or blocking defensive player who has made fair catch; Piling on; Hurdling; Grasping face mask of opponent; Tackling player out of bounds, or running into player obviously out of play; Striking an opponent with fist, forearm, elbow or locked hands; Kicking or kneeling—Loss of 15 Yards. (Flagrant offenders will be disqualified.)

8. CLIPPING—Loss of 15 Yards.

9. ROUGHING THE KICKER or holder—Loss of 15 Yards.

10. UNSPORTSMANLIKE CONDUCT—Violation of rules during intermission; Illegal return of suspended player; Coaching from side lines; Invalid signal for Fair Catch; Persons illegally on field—Loss of 15 Yards. (Flagrant offenders will be disqualified.)

11. ILLEGAL USE OF HANDS AND ARMS by offensive or defensive player—Loss of 15 Yards.

12. INTENTIONAL GROUNDING of forward pass—Loss of Five Yards from spot of pass, Plus Loss of Down.

13. ILLEGALLY PASSING OR HANDING BALL FORWARD—Loss of Five Yards from spot of foul, Plus Loss of Down.

14. FORWARD PASS OR KICK CATCHING INTERFERENCE—Interference with opportunity of player of receiving team to catch a kick—Loss of 15 Yards. Interference by member of offensive team with defensive player making pass interception—Loss of 15 Yards, Plus Loss of Down. Interference by defensive team on forward pass—Passing Team's Ball at spot of foul, and First Down.

15. INELIGIBLE RECEIVER DOWN FIELD ON PASS—Loss of 15 Yards.

16. BALL ILLEGALLY TOUCHED, KICKED OR BATTED—Forward pass being touched by ineligible receiver beyond the line of scrimmage—Loss of 15 Yards from spot of preceding Down, and Loss of a Down. Eligible pass receiver going out of bounds and later touching a forward pass—Loss of Down. Illegal touching of a scrimmage kick within opponent's 10-yard-line—Touchback.

17. PENALTY DECLINED; Incomplete forward pass; No play or no score.

18. CRAWLING by runner—Loss of Five Yards. Interlocked interference—Loss of 15 Yards.



MARSHALLTOWN COCA-COLA BOTTLING CO., MARSHALLTOWN, IOWA

Colorado University Football Roster for 1960

ENDS

80	Tom Grundeman	186	6-0	19	Soph	Fargo, N.D.
81	Gary Henson*	196	6-3	20	Junior	Denver
82	Jerry Hillebrand*	231	6-4	20	Junior	Davenport, Iowa
83	Dennis Krueger	216	6-4	23	Senior	Cody, Wyo.
84	Mel Semenko**	226	6-2	23	Senior	Jeanette, Pa.
85	Capt. Bill Elkins**	174	6-2	21	Senior	Dallas, Tex.
86	Bob Bell	184	6-1	19	Soph	Penn Hill, Pa.
87	Ken Blair	192	6-1	19	Soph	Roswell, N.M.
88	Chuck McBride*	195	6-1	20	Junior	Chicago, Ill.
89	Frank Perriello	176	5-10	18	Soph	Aliquippa, Pa.
90	Jim Ostrander	189	6-2	19	Soph	Almont, Mich.

TACKLES

57	Gene Ellerbee	221	6-4	20	Soph	San Antonio, Tex.
61	Bob McCullough*	212	6-2	19	Junior	Helena, Mont.
71	Bill Eurich**	224	6-2	22	Senior	Pueblo
72	John Denvir*	224	6-2	22	Junior	Connellsville, Pa.
73	Roger Wissmiller	201	6-3	18	Soph	Rantoul, Ill.
74	Jim Perkins*	225	6-5	21	Junior	Loyalton, Cal.
76	Bill Bearse	212	6-2	19	Soph	Toledo, Ohio
77	Dan Grimm	223	6-3	19	Soph	Des Moines, Iowa
78	Chuck Pearson*	215	6-0	21	Senior	Phoenix, Ariz.

GUARDS

59	Milt Rogers	194	6-0	21	Junior	Alexandria, Va.
60	Ken Vardell*	181	5-11	20	Junior	Dallas, Tex.
62	Tom Wilscom*	190	5-11	26	Senior	San Jose, Cal.
63	Larry Cundall*	198	6-0	20	Junior	Glendo, Wyo.
64	Gary Flebbe	201	6-2	21	Soph	Golden
65	Mike Wurst	188	5-11	19	Soph	Walled Lake, Mich.
66	Mike Bolan	191	5-11	19	Soph	Chicago, Ill.
67	Joe Romig*	199	5-10	19	Junior	Lakewood
68	Bob Nagel**	198	6-2	22	Senior	Golden
69	Mike Woulfe	209	6-2	21	Soph	Chicago, Ill.
70	Dave Young	188	5-10	19	Soph	Aliquippa, Pa.

CENTERS

51	Ralph Heck	202	6-1	18	Soph	Penn Hills, Pa.
52	Dale Christensen	189	6-2	19	Soph	Rantoul, Ill.
53	Walt Klinker*	205	6-0	22	Junior	Gunnison
55	Bill Scribner**	208	6-2	22	Senior	Denver
56	Dick Harper	195	6-2	20	Junior	Lakewood

QUARTERBACKS

10	Gale Weidner*	184	6-1	20	Junior	Troy, Mont.
11	Frank Montera*	180	5-11	20	Junior	Trinidad
12	Pat Young	168	5-10	20	Junior	Santa Monica, Cal.
15	Claude Crabb	178	6-0	20	Soph	Monterey, Cal.
16	Pat White	194	6-1	19	Soph	Muskego, Mich.
17	Nick Graham	173	5-11	19	Soph	Pueblo

LEFT HALFBACKS

14	Joe Dowler*	179	6-1	21	Junior	Cheyenne, Wyo.
23	John Willman	199	6-2	24	Soph	Ontonagon, Mich.
25	Jon Mars	158	5-9	19	Soph	St. Louis, Mo.
26	Jim Raisis	175	5-10	19	Soph	Penn Hills, Pa.
29	Dave Vivian	179	5-11	19	Soph	Muskegon, Mich.
42	Jerry Steffen**	182	6-0	21	Senior	Crofton, Neb.

RIGHT HALFBACKS

20	Dave Rife*	171	5-11	21	Senior	Sandpoint, Idaho
34	Chuck Morris	208	6-2	19	Soph	Denver
40	Frank Fink	167	5-8	20	Soph	Walled Lake, Mich.
41	Dick Dickerson	171	6-0	21	Junior	Guymon, Okla.
43	Reed Johnson*	160	5-9	20	Junior	Dallas, Tex.
44	Nick Counter*	179	5-11	20	Junior	Denver
45	Ron Smith	172	5-9	21	Senior	Boulder
46	Ed Coleman	174	5-11	18	Soph	Carnegie, Pa.

FULLBACKS

30	Chuck Weiss**	204	6-2	21	Senior	Fergus Falls, Minn.
31	Loren Schweningen*	176	6-0	19	Junior	Pueblo
32	Bob Hren	187	6-1	21	Junior	Duluth, Minn.
33	John Claus	185	5-11	19	Soph	Denver
35	Ted Woods	187	6-0	20	Junior	Pittsburgh, Pa.
36	Tom Homco	187	5-10	19	Soph	East Chicago, Ill.

*Lettermen

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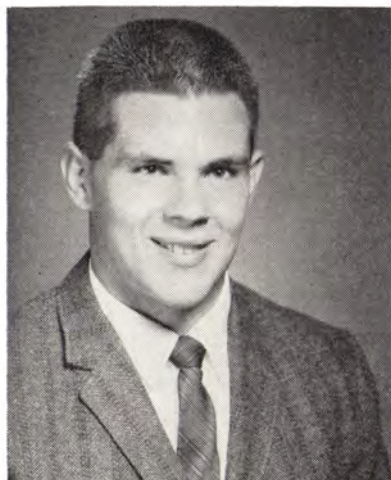
MAIN AT DOUGLAS - - AMES' BANKING CORNER SINCE 1881

OFFICE AT GILBERT, IOWA

DEPOSITS INSURED TO \$10,000 FOR EACH DEPOSITOR
BY FEDERAL DEPOSIT INSURANCE CORPORATION



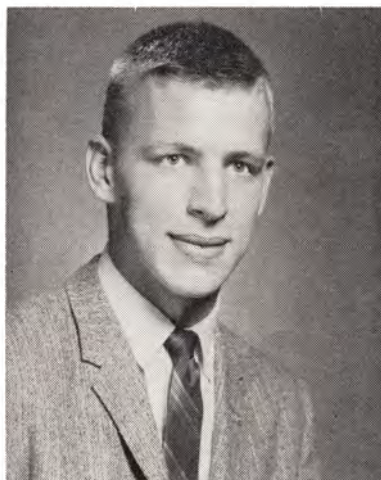
CYCLONES



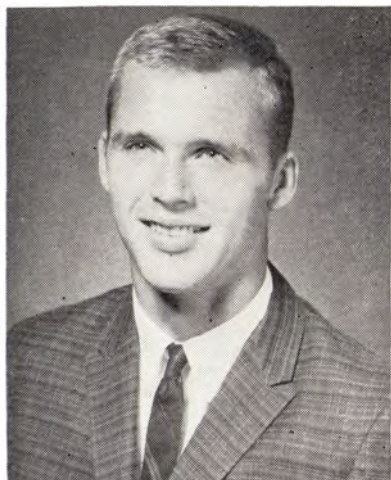
64—BRUCE GRASSER
North Olmsted, Ohio
Coach—Bill Moritz
Chemical Engineering



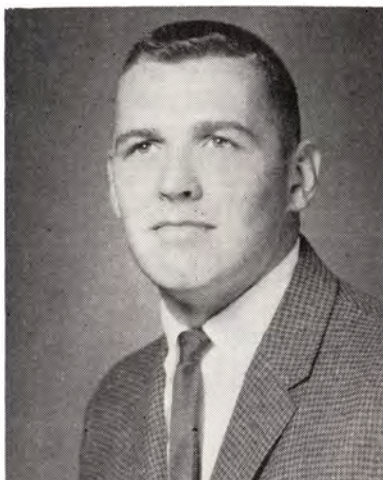
42—KEN GRIFFITH
Cuyhoga Falls, Ohio
Coach—Dave Martin
Physical Education



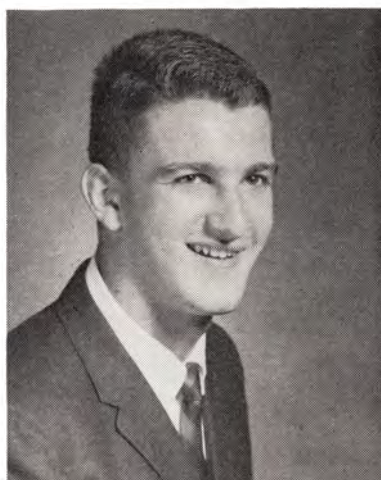
83—SAM GROOMS
Hillsboro, Ohio
Coach—Paul Orr
Physical Education



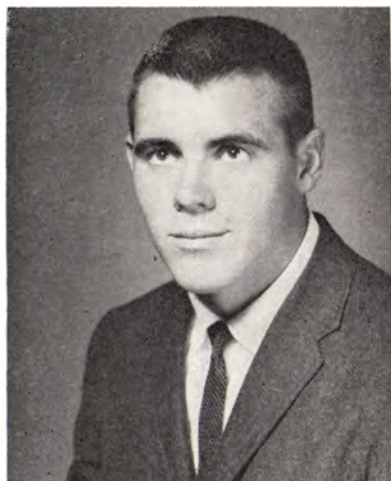
16—DAVE HOPPMANN
Madison, Wis.
Coach—Bill Muller
Physical Education



86—RAY HORKY
Columbus, Ohio
Coach—Walt Schmitter
Industrial Administration



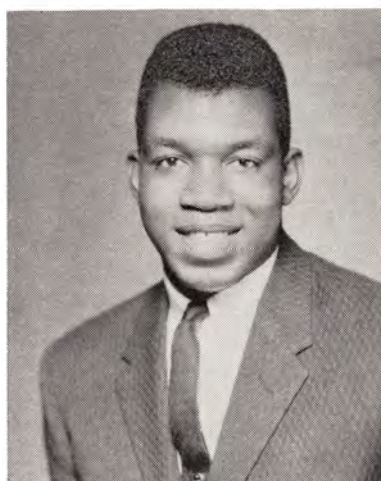
14—DENNIS KUSHLAK
Berea, Ohio
Coach—Stan Parrish
Mathematics



88—DICK LIMERICK
Sioux City
Coach—Wally Piper
Physical Education



85—DUANE MARCELLUS
Humboldt
Coach—Al Hadar
Physical Education



91—BILL MERRIDITH
Westwego, La.
Coach—Felix James
Engineering

1960

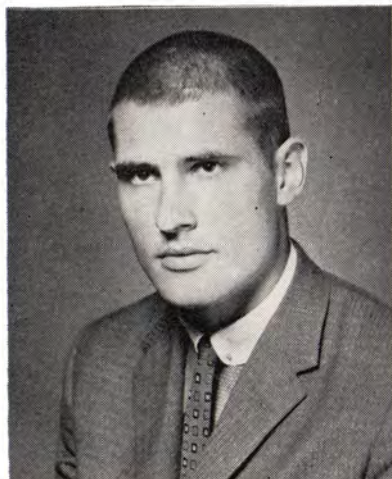
BIG EIGHT FOOTBALL SCHEDULE

1960

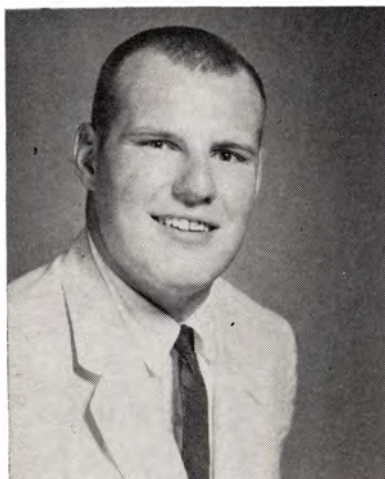
SAT. DATES	IOWA STATE	KANSAS ST.	OKLA. ST.	COLORADO	KANSAS	MISSOURI	NEBRASKA	OKLAHOMA
SEPT. 17	DRAKE Home	SO. DAK. ST. Home	ARKANSAS Little Rock		T. C. U. Home	S. M. U. Home	TEXAS Away	
SEPT. 24	DETROIT Away Sept. 23 (N)	KANSAS Home	MISSOURI Away	BAYLOR Away	KANSAS ST. Away	OKLA. ST. Home	MINNESOTA Home	N'THWESTERN Home
OCT. 1	NEBRASKA Away	COLORADO Away		KANSAS ST. Home	SYRACUSE Home	PENN. STATE Away	IOWA STATE Home	PITTSBURGH Home
OCT. 8	KANSAS Home	NEBRASKA Away	TULSA Away	ARIZONA Home	IOWA STATE Away	AIR FORCE ACADEMY Denver	KANSAS ST. Home	TEXAS Dallas
OCT. 15	COLORADO Home	MISSOURI Home	HOUSTON Away	IOWA STATE Away	OKLAHOMA Home	KANSAS ST. Away	ARMY Home	KANSAS Away
OCT. 22	MISSOURI Away	OKLAHOMA Away	KANSAS Home	NEBRASKA Home	OKLA. ST. Away	IOWA STATE Home	COLORADO Away	KANSAS ST. Home
OCT. 29	OKLA. ST. Away	MINNESOTA Away	IOWA STATE Home	OKLAHOMA Home	IOWA Away	NEBRASKA Away	MISSOURI Home	COLORADO Away
NOV. 5	OKLAHOMA Home	OKLA. ST. Home	KANSAS ST. Away	MISSOURI Away	NEBRASKA Home	COLORADO Home	KANSAS Away	IOWA STATE Away
NOV. 12	KANSAS ST. Away	IOWA STATE Home	NEBRASKA Away	KANSAS Away	COLORADO Home	OKLAHOMA Away	OKLA. ST. Home	MISSOURI Home
NOV. 19	COLLEGE OF PACIFIC Away (N)	ARIZONA Away	COLORADO Home	OKLA. ST. Away	MISSOURI Away	KANSAS Home	OKLAHOMA Away	NEBRASKA Home
NOV. 26			OKLAHOMA Home	AIR FORCE ACADEMY Home				OKLA. ST. Away



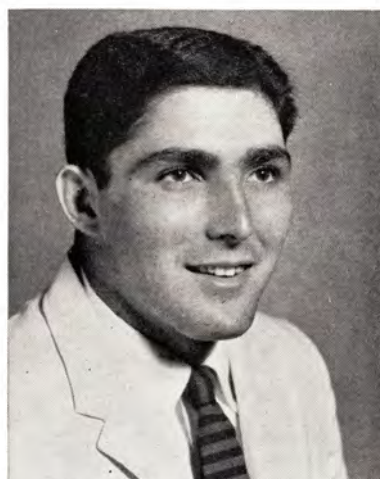
CYCLONES



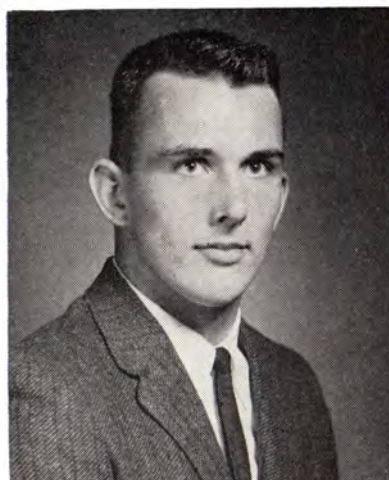
87—LARRY MONTRE
Dearborn, Mich.
Coach—Mike Mesregian
Physical Education



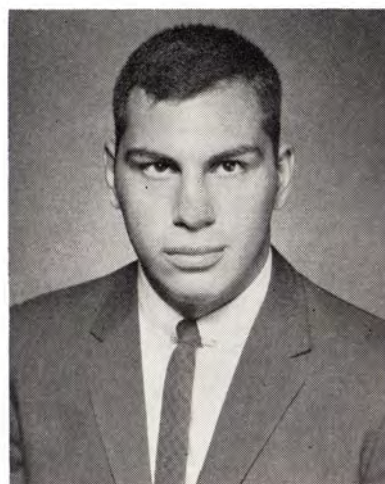
60—JACK PAYNE
Port Clinton, Ohio
Coach—Joe Lukas
Mathematics



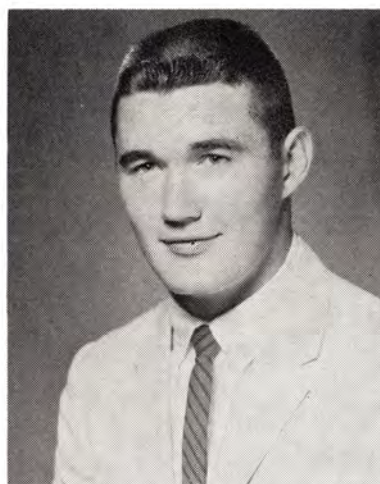
62—AL PEREZ
Elkhart, Ind.
Coach—John Janzurak
Physical Education



67—JOHN PICHOTTA
Waukesha, Wis.
Coach—Ken Hollub
Physical Education



66—CARL PROTO
Mansfield, Ohio
Coach—Bob McNea, Tom Pierson
Physical Education



58—RON RATLIFF
Washington Court House, Ohio
Coach—Ralph Bortie, Howard Allman
Farm Operation



44—CLIFF RICK
Tulsa, Okla.
Coach—C. B. Stanley
Physical Education



65—DICK SCESNIAK
Chicago, Ill.
Coach—Ed Stelmazek
Landscape Architecture



89—LARRY SCHREIBER
Sioux City
Coach—Don Fleming
Physical Education

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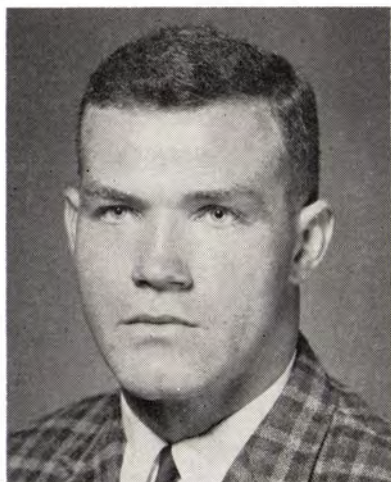
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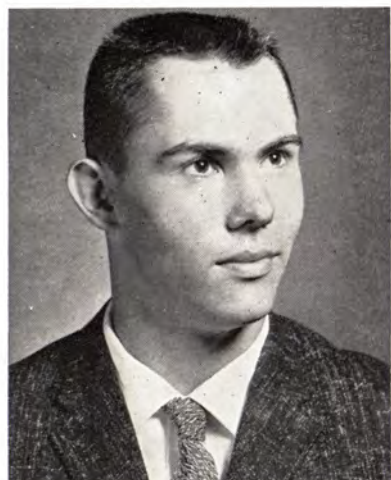
25—BILL SMITH
Grundy Center
Coach—Bub Bitcon
Physical Education



53—JON SPELMAN
Elmhurst, Ill.
Coach—Alex Naidenovich
Mechanical Engineering



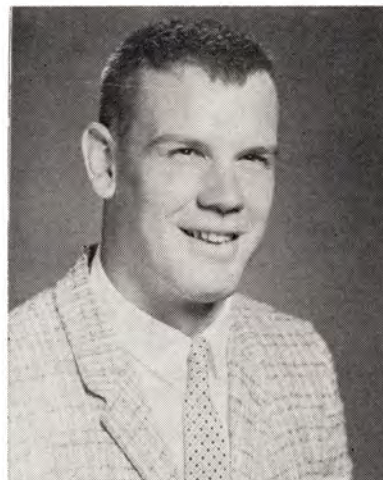
55—RAY STEFFY
Akron, Ohio
Coach—Jay Burks
Industrial Administration



81—STEVE STUREK
Omaha, Neb.
Coach—Don Leahy
Science



23—PAUL SULLIVAN
Chicago, Ill.
Coach—Tommy O'Brien
Physical Education



20—GARY THEILIG
Wausau, Wis.
Coach—Win Brockmeyer
Industrial Administration



50—STEVE TISZA
Chicago, Ill.
Coach—Bernie O'Brien
Physical Education



73—LARRY VAN DER HEYDEN
Moline, Ill.
Coach—Archie Swanson
Physical Education



63—HANK VOGELMAN
Philadelphia, Pa.
Coach—Harold Gieges
Physical Education

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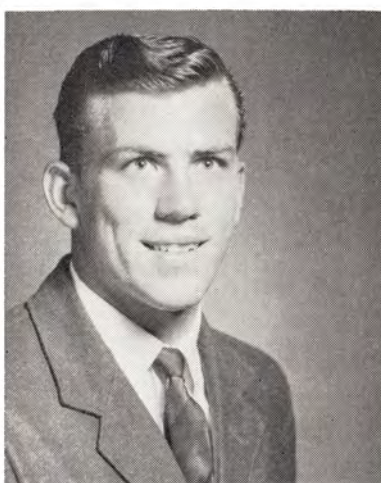
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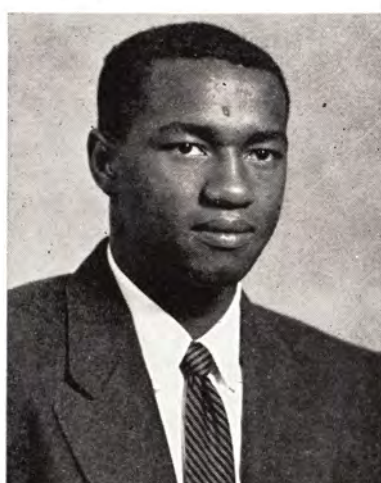
CYCLONES



76—RON WALTER
Farragut
Coach—Dale Hackett
Physical Education



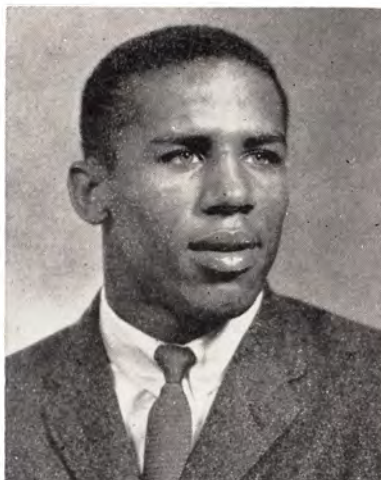
72—DICK WALTON
Canon City, Colo.
Coach—Glen DeShazo
Physical Education



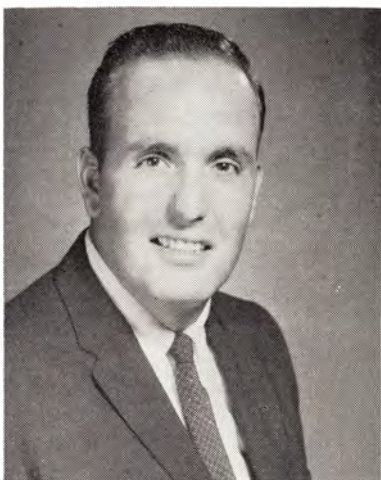
22—TOM WATKINS
West Memphis, Ark.
Coach—Bill Slack
Physical Education



24—JIM WATSABAUGH
Omaha, Neb.
Coach—Don Leahy
Industrial Administration



80—DON WEBB
Jefferson City, Mo.
Coach—John Griffith
Physical Education



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JOHN MORTIMER
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Cy, the Iowa State Cardinal
.. emblem of the NEW SCHOOL SPIRIT ..

says

GO, CYCLONES, GO!

and from the folks at Collegiate
(where CY was hatched)

**Good Luck, Team
.. Good Luck, Clay**



Join Your CYCLONE CLUB

ISU Official Athletic Booster Club

Our aim for the coming year is to seek more widespread support for athletics through existing Cyclone Clubs and through organization of new clubs. If you are already a member of a Cyclone Club and interested in further progress, you can be of real service by enrolling a new member in your community. Through such activity, the Cyclone Clubs throughout the state and nation will continue to grow.

All funds are administered by an authorized University committee within the rules of the NCAA and the Big Eight Conference.

For Detailed Information About Membership, Active Clubs and Formation of new clubs write to:

THE CYCLONE CLUB

Room 55, Memorial Union

Iowa State University

Ames, Iowa

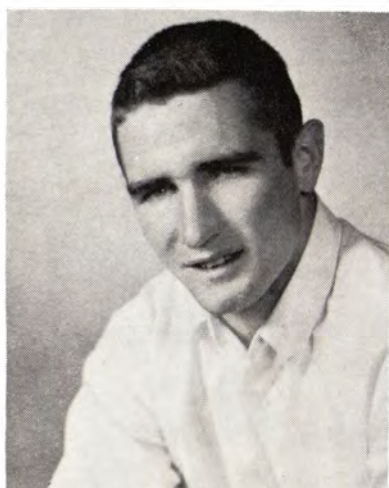
Membership: Students \$1, Recent Grads \$5, Other \$10

BUFFALOES

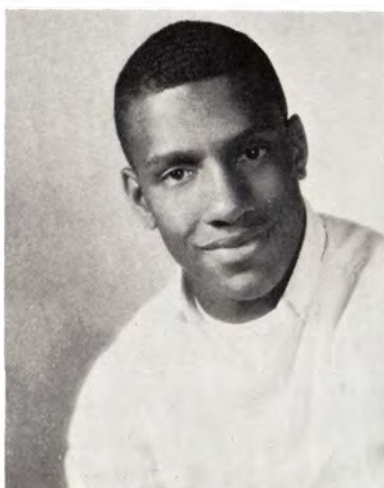


1960 COLORADO FOOTBALL STAFF

Left to right, Back Row: Lloyd Williams, trainer; Buck Nystrom, line; Head Coach Sonny Grandelius; Bob Ghilotti, ends; Bob Beattie, freshman line.
Front Row: John Polonchek, backs; Erv Mondt, freshman assistant; Frank Johnson, head freshman coach; Chuck Boerio, defense; John Mack, freshman assistant.



Mike Bolan, right guard



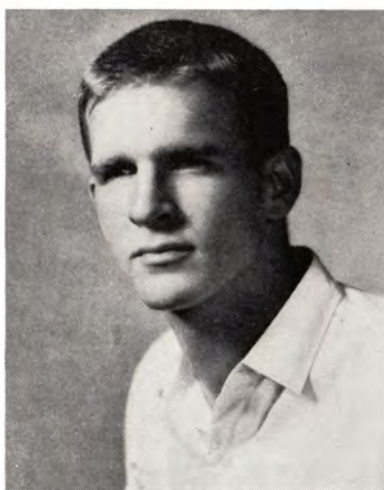
Ed Coleman, right half



Larry Cundall, right guard



John Denvir, tackle

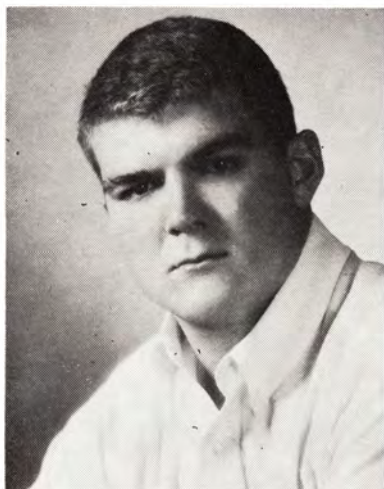


Bill Elkins, end

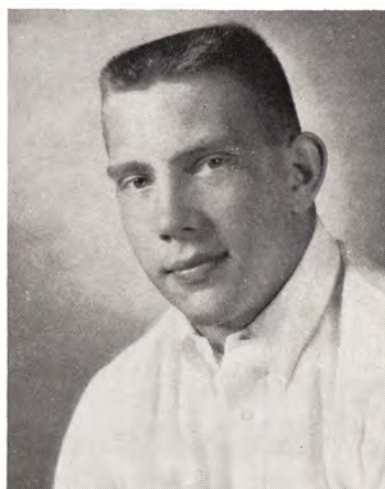


Bill Eurich, right tackle

BUFFALOES



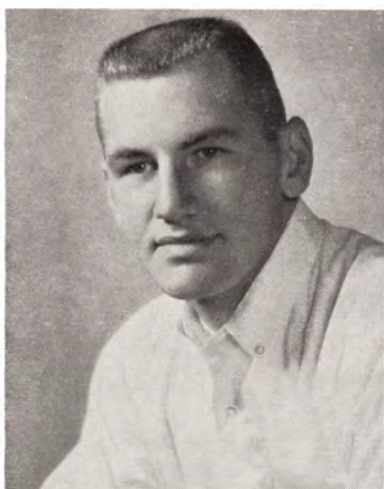
Dan Grimm, right tackle



Ralph Heck, center



Gary Henson, end



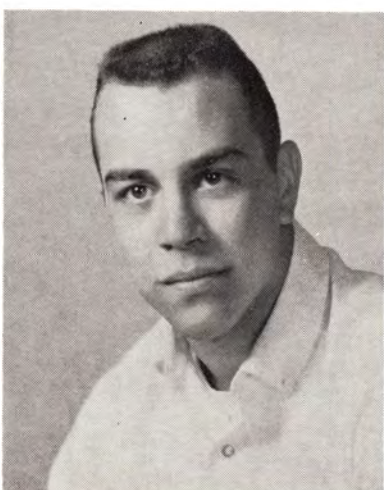
Jerry Hillebrand, end



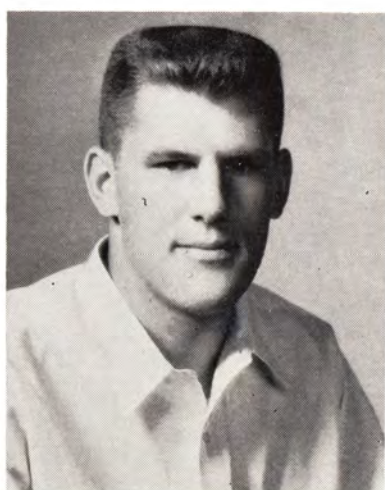
Jon Mars, left half



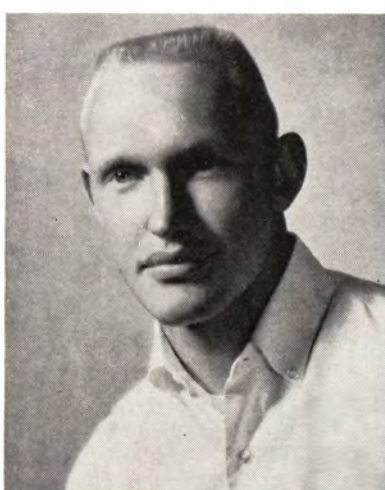
Bob McCullough, guard



Frank Montera, quarterback



Jim Perkins, tackle



Dave Rife, right half

Iowa State University Cheers

YEA IOWA

Yea — — Iowa
Yea — — State
Yea, Yea, Iowa State.

GIVE ME AN "I"

Give Me An "I" — "I"
Give Me An "O" — "O"
Give Me A "W" — "W"
Give Me An "A" — "A"
Iowa State, Iowa State
I — S — U.

TEAM (watch arm movements of cheerleaders)

T — E — A — M
T — E — A — M
T — E — A — M
Team, Fight.

CYCLONES

C — Y — C — L — O — N — E — S
Cyclones, Fight.

FOUR CLAPS

(clap four times)
Fight, Fight, Fight, Fight
(clap four times)
Fight, Fight, Fight, Fight
(clap four times)
Fight, Fight, Fight, Fight
Yea — — — — Team, Fight.

KICK-OFF YELL

Go — — — — — Cyclones.

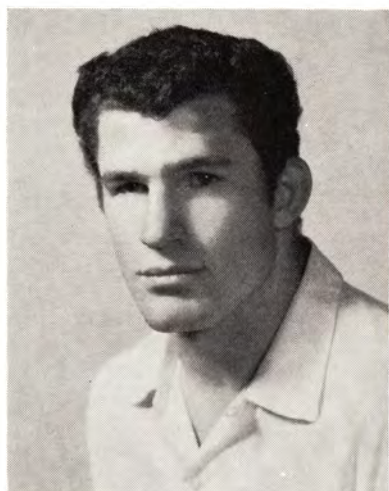
IOWA STATE UNIVERSITY FIGHT SONG

O we will fight, fight, fight for Iowa State
And may her colors ever fly—
Yes, we will fight with might for Iowa State
With a will to do or die, rah, rah, rah!
Loyal sons, forever true,
And we will fight the battle thru—
And when we hit that line we'll hit it hard every yard for I.S.U.

FOR "I" FOR "S" FOREVER

For "I", for "S", forever,
For Iowa State all the way,
Let's go to show them what the gang's all here for
Go, to show them how the Cyclones cheer
For "I", for "S", forever,
For Iowa State do it right!
It's time to climb upon the victory wagon
Fight, Iowa State, Fight, Fight.

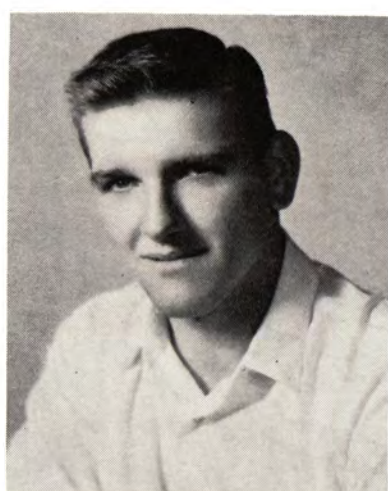
BUFFALOES



Joe Romig, right guard



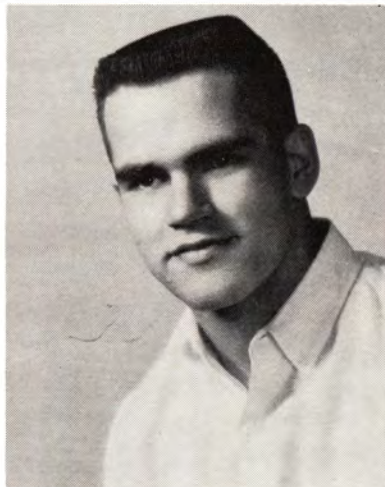
Bill Scribner, center



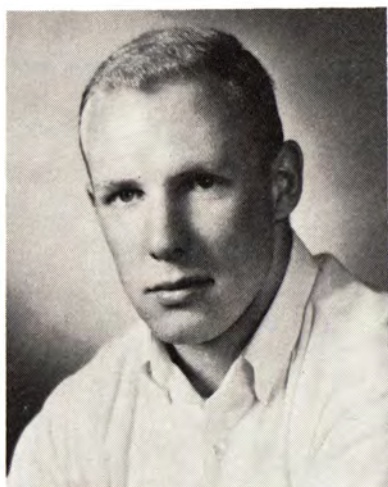
Mel Semenko, end



Jerry Steffen, fullback



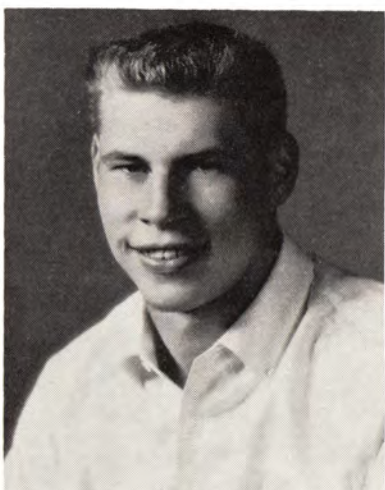
Ken Vardell, guard



Dave Vivian, left half



Gale Weidner, quarterback



Chuck Weiss, fullback



Tom Wilsam, guard



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