

Lion Scout Toretta says:

Ohio State Gridders Boast 'Top Ground Attack in Country'

The Nittany Lion football team is looking forward to West Virginia (nobody ever looks forward to Ohio State).

This statement can be justified after listening to Lion scout Tor Toretta's report on what he calls "the best running attack in the country."

Toretta said "the Buckeyes pound you unmercifully on the ground, and then throw a pass to keep the defensive backfield from moving up to the line of scrimmage."

He said that the Ohio State pass plays are used when the opposition least expects them. And, he added, "usually only one player—an end or back—goes downfield as the receiver."

Toretta explained that by using only one pass receiver the opponents are faked out of position thinking that the end or back speeding past them is a downfield blocker. "This," he said, "is almost always good for long yardage or most of the time a touchdown."

He said that the only defense to stop the varied running and passing attack is for the backs to keep on a constant alert. "When you think that they won't throw a pass is the time they do," Toretta said.

The Buckeyes, in three games, have not thrown more than 12 or 14 passes because of their extremely strong ground game, but they pass, as Toretta says, "to keep the opposition honest." The back that caught Toretta's



Les Walters May replace injured North

eye was Jim Roseboro, who runs from the right halfback slot in Ohio State's T-formation setup. Toretta said that Roseboro is "the kind of back you'd like to have in your own backfield."

Also up for special mention by Toretta were the Buckeye guards

Jim Parker and Aurelius Thomas. "Parker," Toretta said, "spears heads the line and is an excellent lineman. He can move for his size and makes an awful lot of tackles all over the field."

Parker is probably the biggest lineman the Nittanians will face this year. The All-American candidate stands 6-3 and weighs 255 pounds.

Thomas weighs 200 pounds and stands 6-1, and impressed Toretta with his fine play on both offense and defense.

The Lions for the third consecutive week looked powerful, and against Holy Cross could not have been much better, but that game proved costly. Starting end Paul North injured his shoulder and will probably be lost for the Ohio State game, while fullback Emil Caprara, who injured his ankle in the Army contest, is still an unknown quantity as to whether he will be able to play Saturday. Reserve halfback Jay Livziey, who suffered a concussion in the Holy Cross game, is lost for the season.

Les Walters is the logical replacement for North at end and Maurice Schleicher will replace Caprara.

3 Nittany Grid Opponents Rated In Top 20 in Associated Press Poll

Three of Penn State's 1956 football opponents are listed among the top 20 teams in the nation, according to the latest Associated Press poll.

Ohio State, the Lions' next foe, is in fifth place while Syracuse is 13th and Pittsburgh 16th. The Buckeyes accumulated 721 points, Syracuse 53, and Pittsburgh 30.

Oklahoma's torrid Sooners maintained their first place lead, although second ranked Michigan State is closing in rapidly. Oklahoma polled 1173 votes—67 of them for first place—and Michigan State totaled 1148—45 of them for first place.

Experts Eye Spartans

The experts look for the Spartans to gain even more strength next week if they beat Notre Dame's puzzled Irish. Last week, Michigan State romped to a 53-6 victory over Indiana while Oklahoma was beating Texas by "only" 45 points, 45-0.

The experts believe that the Spartans have the tougher schedule of the two and schedules figure more strongly in the balloting than do statistics. Oklahoma has won 33 straight games—the last three over North Carolina, Kansas State, and Texas.

The only major change in the standings saw mighty Michigan return to the top 10 once again by virtue of its decisive win over Army. The Wolverines are ranked

eighth. Texas A&M dropped from ninth to 14th because of its 14-14 tie with Huston last Saturday.

Georgia Tech holds the third spot with 900 points, followed by Texas Christian (751) and the Buckeyes. Mississippi (552), Tennessee (531), Michigan (411), USC (272) and Baylor (163) complete the top ten.

Miami (Fla.) tops the second 10 with 139 votes—one first place ballot. Iowa, victor over Wisconsin, is 12th, followed by Syracuse.

Syracuse gained most of its support by defeating West Virginia—another Penn State opponent—27-20, at home last Saturday.

Clemson follows Texas A&M with the once-beaten Panthers in the 16th spot. Purdue, surprise winner over Notre Dame Saturday, ranks 17th with little known Virginia Tech 18th. Tulane and South Carolina complete the standings.

What young people are doing at General Electric

Young mathematician helps pace engineering advances

Recently General Electric developed a compact, new motor for industrial use. But before the motor could be put into automatic production, one difficulty remained: to design a protective end shield that would confine any possible explosion to the motor itself.

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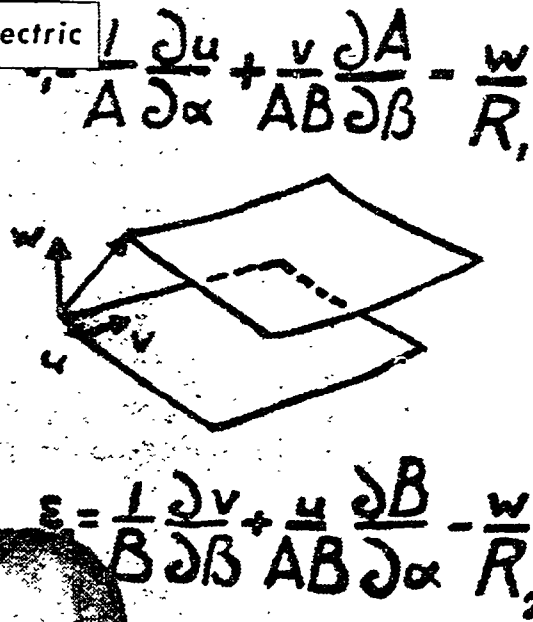
Powell's Work Is Varied and Important

Because he is not tied down to any one project, Powell seldom has two similar assignments. Taking established engineering and mathematical principles, some of them extremely complicated, Powell applies them to advanced engineering problems. In doing this, Pete is able to make such calculations as the distortion of a small part of a jet engine caused by vibrations, the deflection occurring in a turbine part when it runs at operational speeds, or the forces exerted upon a rotating shaft by lubricants.

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R. A. "PETE" POWELL joined General Electric in 1953 after receiving his B.S. in Physics in '47 and his M.S. in Mathematics in '49, both from Purdue. From 1949-52 he completed further study in Physics again at Purdue.

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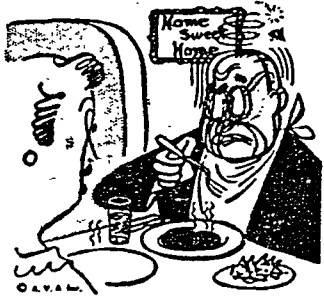
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