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PROJECTIONS RELATING TO CALIFORNIA AGRICULTURE IN 1975, by G. W. Dean and C. O. McCorkle, Jr., *Bul.* 778.

DRAINAGE-SALINITY INVESTIGATION OF THE TULELAKE LEASE LANDS, by G. Wilson, J. N. Luthin, and J. W. Biggar, *Bul.* 779.

Phosphorus nutrition in

ANNUAL LEGUMES

Annual forage legumes observed in the field appear to differ in their ability to

respond to phosphorus fertilization. Very little is known about such response in relation to low winter temperatures—under 60° F—and limited soil moisture.

Research is currently under way to determine the effect of temperature and of soil-moisture stress on phosphorus uptake and utilization by several annual legumes. Preliminary results suggest that

some annual forage legumes are superior to others in their response to phosphorus application at low temperatures. Soil moisture stress may further limit the movement of phosphorus in plant tissues well before the permanent wilting range is reached.—Cyrus M. McKell, *Dept. of Agronomy, Davis, and Alma M. Wilson, A.R.S., U.S.D.A.*



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Director

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	15 gals. V-30MP
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