formulated. Chromic oxide was included in all diets as an indigestible marker. All pigs were fed each diet for 7 d and ileal digesta were collected during the last 2 d of each period. Samples were lyophilized and analyzed for CP and AA and the SID of all AA were calculated according to standardized procedures (Table 1). It is concluded that the SID of all AA in corn gluten meal is similar to that in soybean meal, but high protein distillers dried grains have SID values for AA that are less than in both corn and soybean meal.

Table 1. Standardized ileal digestibility of AA in corn, soybean meal, corn gluten meal, high protein distillers dried grains, and field peas

	Corn	Soybean meal	Corn gluten meal	High protein distillers dried grains	Field peas
Ile	81.6^{b}	87.0^{ab}	88.2^{a}	72.0^{c}	82.2^{b}
Lys	75.9^{b}	86.6^{a}	84.5^{ab}	56.0^{c}	85.1^{a}
Met	86.4^{a}	88.2^{a}	90.4^{a}	80.9^{b}	79.7^{b}
Thr	75.7^{b}	83.7^{ab}	86.5^{a}	64.9^{c}	79.0^{ab}
Trp	85.0^{ab}	88.1^{a}	88.9^{a}	75.6^{c}	78.9^{bc}
Val	81.4^{b}	86.3^{ab}	88.0^{a}	70.8^{c}	81.2^{b}

^{abc}Means lacking common superscript in same row are different ($P < 0.05$).

Key Words: corn co-products, pigs, standardized ileal amino acid digestibility

M216 Amino acid digestibility in corn, soybean meal, field peas, and corn co-products fed to weanling pigs. G. I. Petersen* and H. H. Stein, *University of Illinois*, *Urbana*.

Several alternative feedstuffs are available for use in weanling pig diets, but the standardized ileal digestibility (SID) of AA in most ingredients have not been measured in weanling pigs. The objective of the present experiment, therefore, was to measure the SID of AA in corn, soybean meal, corn gluten meal, high protein distillers dried grains, and field peas fed to weanling pigs. Twelve weanling barrows (initial BW: 10.3 ± 0.9 kg) were prepared with a cannula in the distal ileum and randomly allotted to a replicated 6 × 6 Latin square design with 6 diets and 6 periods in each square. Five diets were formulated using corn, soybean meal, corn gluten meal, high protein distillers dried grains, or field peas as the sole source of protein and AA. An N-free diet that was used to calculate basal endogenous losses of AA and protein was also