




# West Region Product Chart

**Perdue AgriBusiness** is committed to improving the profitability of the dairy producer by providing quality and consistent feedstuffs. Milk components drive milk income and increasing amino acid supply can increase milk component yield.

Methionine, lysine and histidine are key amino acids for maximizing milk protein yield.<sup>1</sup> Additionally, recent research demonstrates that leucine along with isoleucine is key for maximizing milk and milk protein yield.<sup>2</sup> Blood products are high in digestible lysine, histidine and leucine. Rumen-protected methionine can be added to allow for formulation of a nutrient dense product that supplies all key amino acids needed by a lactating dairy cow.

**At Perdue AgriBusiness Animal Nutrition**, we take pride in supplying consistent quality products. Our quality control and assurance program ensure that supply of metabolizable amino acids is the same load after load. Our range of high-quality protein products allow you to select the product that best blends cost efficacy with amino acid balancing.

- **SPECTRUM AgriBlue** is a highly concentrated and consistent source of metabolizable essential amino acids with added rumen-protected methionine and lysine.
- **SPECTRUM AgriRed** is a highly concentrated and consistent source of metabolizable essential amino acids with added rumen-protected lysine.
- **ProvAAI2 AAdvantage** is formulated to be similar to a high-quality blood meal and supply metabolizable lysine and essential amino acids in a concentrated product.

	Product Specs, % DM						
	CP	RUP*, % CP	RUP-Dig	dRUP**	dRUP-Lys	dRUP-Met	dRUP-EAA
	92.3	93.3	90.5	77.9	6.6	4.3	45.1
	91.2	93.5	92.4	78.8	8.3	0.8	45.1
	82.7	92.3	89.5	68.3	5.8	0.7	37.7

\*RUP = rumen undegradable protein

\*\*dRUP = digestible RUP (CP x RUP x RUP digestibility)

<sup>1</sup>Giallongo et al., 2016 J Dairy Sci. 99:4437-4452 (<https://doi.org/10.3168/jds.2015-10822>.)

<sup>2</sup>Yoder et al., 2020 J. Dairy Sci. 103:2387-2404 (<https://doi.org/10.3168/jds.2019-17082>.)

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