

TABLE 1

Predicted nutrient supplies and predicted milk yield from expeller soybean meal, blood meal and rumen-protected methionine¹

	Expeller soybean meal		Blood meal ²		Rumen-protected met ³	
	CNCPS, v6.55	NASEM, 2021	CNCPS, v6.55	NASEM, 2021	CNCPS, v6.55	NASEM, 2021
Diet supply, DM lb/d	1.00	1.00	1.00	1.00	0.05	0.05
MP, g/d	155	150	220	241	14	14
MP-methionine, g/d	3	2	3	3	14	14
MP-lysine, g/d	10	10	19	22	-	-
Predicted milk, lb/d⁴	6.7	2.5	9.7	3.4	0.7	1.9

¹Similar lactating cow and diet descriptions were entered within CNCPS-based software (NDS Professional) and NASEM, 2021 software.

²Blood meal average was selected from the CNCPS-based software and blood meal, low dRUP, was selected from the NASEM, 2021 software.

³Rumen-protected methionine product contained 75% methionine and was considered 80% bioavailable.

⁴Predicted milk yield change assumed a constant milk composition consisting of 4.1% fat and 3.2% true protein.