

# Pearson Square Activity

- I am feeding a \_\_\_\_\_ for the county fair and need to select 2 feedstuffs to mix to reach a crude protein (CP) goal of \_\_\_\_\_ %.
- Select one carbohydrate and one protein from the list and place in circles.
- Calculate the inclusion of each that you will need to reach the target crude protein level.

Place Feed

Feedstuffs Move Horizontal

Amount of  
Feed Needed

Target CP: \_\_\_\_\_ %

Place Feed

Feedstuffs Move Horizontal

Amount of  
Feed Needed

See list on back.

Carbs	Protein
Ground Corn Crude Protein = 9%	Soybean Meal Crude Protein = 45%
Cracked Corn Crude Protein = 9%	Blood Meal Crude Protein = 80%
Steam Rolled Barley Crude Protein =12.5%	Fish Meal Crude Protein = 60%
Steam Rolled Oats Crude Protein = 12%	Meat & Bone Meal Crude Protein = 50%
Beet Pulp Crude Protein = 8%	Distiller's Grain Crude Protein = 27%
Whole Wheat Crude Protein = 13.5%	
Wheat Middlings Crude Protein =15%	
Dried Molasses Crude Protein = 7%	
Rice Bran Meal Crude Protein = 15 %	
Whey Concentrate Crude Protein = 12%	
Whole Oats Crude Protein = 12%	

# Answer Key

Goal CP%= 18.0		Soybean Meal CP%=	Blood Meal CP%=	Fish Meal CP%=	Meat & Bone Meal CP%=	Distiller's Grain CP%=
	% in feed	45.0	80.0	60.0	50.0	27.0
Ground Corn CP%=	9.0	74.0	86.7	81.6	77.1	48.6
		26.0	13.3	18.4	22.9	51.4
Cracked Corn CP%=	9.0	74.0	86.7	81.6	77.1	48.6
		26.0	13.3	18.4	22.9	51.4
Steam Rolled Barley CP%=	12.5	83.1	91.9	88.4	85.3	62.1
		16.9	8.1	11.6	14.7	37.9
Steam Rolled Oats CP%=	12.0	81.8	91.2	87.5	84.2	60.0
		18.2	8.8	12.5	15.8	40.0
Beet Pulp CP%=	8.0	73.0	86.1	80.8	76.2	47.4
		27.0	13.9	19.2	23.8	52.6
Whole Wheat CP%=	13.5	85.7	93.2	90.3	87.7	66.7
		14.3	6.8	9.7	12.3	33.3
Wheat Middlings CP%=	15.0	90.0	95.4	93.3	91.4	75.0
		10.0	4.6	6.7	8.6	25.0
Dried Molasses CP%=	7.0	71.1	84.9	79.2	74.4	45.0
		28.9	15.1	20.8	25.6	55.0
Rice Bran Meal CP%=	15.0	90.0	95.4	93.3	91.4	75.0
		10.0	4.6	6.7	8.6	25.0
Whey Concentrate CP%=	12.0	81.8	91.2	87.5	84.2	60.0
		18.2	8.8	12.5	15.8	40.0
Whole Oats CP%=	12.0	81.8	91.2	87.5	84.2	60.0
		18.2	8.8	12.5	15.8	40.0