Blending Problem for the Gourmet Cat Food Company

Basic Food Source	Calories		Protein	Fats
Beef		1920	96	224
Chicken		640	112	32
Fish		576	128	16
Grain Mix		960	80	60
(OBJECTIVE)	Minimize Cost:			0.00
(CONSTRAINTS)	Total Blend			100.00
				-100.00
	Individual Foods:			
			Chicken	50.00
			Grain Mix	10.00
	Target Calories			1000.00
				-900.00
	Protein			-100.00
	Fats and			120.00
	Carbohydrates			

		(ADJUSTABLES)
Carbohydrates	Cost/lb.	Desired Blend
32	$3.20	0.00 %
32	$1.80	0.00 %
16	$4.00	0.00 %
160	$0.80	0.00 %

/lb.

> or = 100% and
< or = 100%   (these two are equivalent to an "=" constraint)

< or = 50% of total
< or = 10% of total
< or = 1000/lb and
> or = 900/lb.
> or = 100/lb.
< or = 120/lb. together