OLD RASPUTIN CLONE

EXTRACT:		7.0 lb. 3.0 lb	Golden Light Liquid Malt Extract Gold Dry Malt extract (Late addition)				
SPECIALTY GRAINS:			Crystal 120L Roasted Barley Brown Malt Chocolate Malt (Crisp)				
HOPS:		1.5 oz. 2 oz.	Nugget Northern Brewer	60 min 5 min			
YEAST:		White La Omega -	ial – G03 Dieter : Labs – WLP029 German/Kolsch Ale a – OYL044 Kolsch II ry Yeast - Fermentis US-05				
OTHER: 4oz. Corn Sugar (to carbonate at bottling time) 1 tsp. Irish Moss (to clarify - optional - see step 7)							
INSTRUCTIONS:							
1.	Bring 2 ½ - 3 gallons of water to 160 - 170 degrees. Take pot off burner.						
2.	Steep (soak) specialty grains in bag for 30 - 40 min.						
3.	Rinse grains with 2 cups of 160 - 170 degree water and discard spent grains. (keep bag)						
4.	Pour Liquid malt extract into mixture. Stir until dissolved.						
5.	Return pot to heat and bring to boil. (DO NOT BOIL OVER)						
6.	Boil for 60 minutes, while adding the hops at the recipe intervals.						
7.	Add 1 tsp. of Irish Moss or ½ Whirlfloc tablet (optional for clarity) for the last 20 minutes of the boil.						
8.	With 15 minutes remaining in boil remove pot from heat, add Dry malt extract (Late addition). Stir until dissolved and return to heat.						
9.	Sanitize all equipment that the wort will come into contact with after the boil.						
10.	Put 1 gallon cold water into 6 – 6 1/2 gallon fermentation vessel.						

- 11. Add contents of boil pot, fill to 5 gallon mark with cold water.
- 12. When wort has cooled to around 70 degrees pitch yeast and place lid on tight.
- 13. Install and fill airlock to the proper level with sanitizer or water. Store in area that will remain 65 - 70 degrees.
- 14. After fermentation has stopped (about 2 ½ weeks) transfer to a bottling bucket, add corn sugar (4 oz.) dissolved in 1 cup water.
- 15. Fill leaving 1'' to 1 1/4'' space in neck of bottle and seal with caps.
- 16. Age beer for two three weeks at 68 72 degrees, chill and enjoy.

ALL GRAIN:	1.5 lb. 1.0 lb. 12.0 oz	Pale Malt Crystal 120L Roasted Barley . Brown Malt Chocolate Malt (Crisp)		
HOPS:		Nugget Northern Brewer	60 min 5 min	
YEAST:	White I Omega	nperial – G03 Dieter /hite Labs – WLP029 German/Kolsch Ale mega – OYL044 Kolsch II or) Dry Yeast - Fermentis US-05		

Mash at 152 degrees for 60 minutes. Estimated OG 1.087, FG 1.020. Estimated IBU 72.5, Estimated SRM 48.2. Estimated ABV 9.0%



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