

Dark Green and Orange Vegetables

This hearty main dish combines the sweetness of orange sweet potatoes and robustness of black beans, with the surprise addition of Swiss chard and a light touch of cumin. Serve over brown rice or whole-wheat couscous for a warm delight!



Sweet Potato and Black Bean Stew

SKYLINE HIGH SCHOOL

Oakland, California

Our Story

What can happen when you put sweet potatoes and black beans together? Well, if you are part of the recipe challenge team at Skyline High School, you get Sweet Potato and Black Bean Stew. Skyline High School is located on a beautiful 45-acre campus at the crest of the Oakland Hills in California. Its recipe challenge team grew out of an existing afterschool cooking academy that teaches cooking skills and nutrition. The team started out with several recipes that led to a recipe cook-off, which eventually resulted in the development and submission of two recipes. Both recipes received overwhelmingly positive responses from the Skyline High School student body. The team is excited to have both recipes, Sweet Potato and Black Bean Stew and Spanish Chickpea Stew, represented in this cookbook.

The wonderful combination in the Sweet Potato and Black Bean Stew recipe is as savory as it is sweet. This stew is brought to a healthy and earthy conclusion by the addition of flavorful Swiss chard, a delicately mild-flavored, dark-green leafy vegetable. Served over brown rice or whole-wheat couscous, this stew will warm the soul and feed the mind.

School Team Members

SCHOOL NUTRITION PROFESSIONAL

Donnie Barclift

CHEF

Jenny Huston

COMMUNITY MEMBERS

Rusty Hopewell (Health Center Nutritionist)
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STUDENTS

Karen M., Quailyn S., and Rudy R.

Sweet Potato and Black Bean Stew

Meal Components: Meat Alternate-Legume Vegetable-Red/Orange Vegetable-Other Vegetable

Soups H-08r

Ingredients	25 Servings		Directions Process #2: Same Day Service
	Weight	Measure	
Dried New Mexican chili peppers, whole		3	1. Sauté chili peppers and onions in oil for 2-3 minutes. For 25 servings, use a large stockpot.
*Fresh onions, diced	1 lb 9 oz	1 qt 1 ½ cups	
Vegetable oil		½ cup	
Ground cumin		1 ½ Tbsp	2. Add cumin and sauté for 2 minutes.
*Fresh sweet potatoes, peeled, cubed ½"	3 lb	2 qt 2 ¼ cups	3. Add sweet potatoes, black beans, orange juice, and stock. Bring to a boil.
Canned low-sodium black beans, drained, rinsed OR *Dry black beans, cooked (See Notes Section)	12 lb 2 oz OR 12 lb 2 oz	1 gal 1 ½ qt (3 No. 10 cans) OR 1 gal 1 ½ qt	
Orange juice		3 cups	
Low-sodium chicken stock		1 qt	4. Cover and reduce heat to low. Simmer for 20 minutes or until potatoes are tender.
Red wine vinegar		¼ cup	5. Remove chilies and discard. Add vinegar, salt, pepper, and Swiss chard. Cover. Critical Control Point: Heat to 140 °F or higher for at least 15 seconds.
Salt		1 tsp	
Ground black pepper		1 tsp	
*Fresh Swiss chard, no stems, chopped ½" OR Frozen Swiss chard, chopped	1 lb OR 12 oz	1 qt 1 cup OR 2 ¼ cups	
			6. Critical Control Point: Hold for hot service at 135 °F or higher. 7. Portion with 8 fl oz ladle (1 cup).

Sweet Potato and Black Bean Stew

Meal Components: Meat Alternate-Legume Vegetable-Red/Orange Vegetable-Other Vegetable

Soups H-08r

Notes
*See Marketing Guide for purchasing information on foods that will change during preparation or when a variation of the ingredient is available
Special tip for preparing dry beans:
SOAKING BEANS
OVERNIGHT METHOD: Add 1 ¾ qt cold water to every 1 lb of dry beans. Cover and refrigerate overnight. Discard the water. Proceed with recipe.
QUICK-SOAK METHOD: Boil 1 ¾ qt of water for each 1 lb of dry beans. Add beans and boil for 2 minutes. Remove from heat and allow to soak for 1 hour. Discard the water. Proceed with recipe.
COOKING BEANS
Once the beans have been soaked, add 1 ¾ qt water for every lb of dry beans. Boil gently with lid tilted until tender, about 2 hours.
Use hot beans immediately.
Critical Control Point: Hold for hot service at 135 °F or higher.
OR
Chill for later use.
Critical Control Point: Cool to 70 °F within 2 hours and to 40 °F or lower within an additional 4 hours.
1 lb dry black beans = about 2 ¼ cups dry or 4 ½ cups cooked beans.
In place of the New Mexican Chilies use California, Anaheim, or Ancho chilies. If using powdered chili use Ancho Chili Powder and use 1 Tbsp per chili.

Marketing Guide	
Food as Purchased for	25 servings
Mature onions	1 lb 13 oz
Sweet potatoes	3 lb 12 oz
Dry black beans	4 lb 11 oz
Swiss chard	1 lb 1 oz

Nutrients Per Serving					
Calories	222.48	Saturated Fat	0.34 g	Iron	3.95 mg
Protein	10.35 g	Cholesterol	0 mg	Calcium	103.07 mg
Carbohydrate	43.48 g	Vitamin A	8847.71 IU	Sodium	578.59 mg
Total Fat	4.43 g		(442.39 RAE)	Dietary Fiber	12.25 g
		Vitamin C	25.75 mg		

Serving	Yield	Volume
1 cup (8 fl oz ladle) provides:	25 Servings: about 16 lb 8 oz	25 Servings: about 2 gallons
Legume as Meat Alternate: 3 oz equivalent meat alternate, ¼ cup red/orange vegetable, and ¼ cup other vegetable.		
OR		
Legume as Vegetable: ¾ cup legume vegetable, ¼ cup red/orange vegetable, and ¼ cup other vegetable.		
<i>Legume vegetable can be counted as either a meat alternate or as a legume vegetable but not as both simultaneously.</i>		

Sweet Potato and Black Bean Stew

Meal Components: Meat Alternate-Legume Vegetable-Red/Orange Vegetable-Other Vegetable

Soups H-08r

Ingredients	50 Servings		Directions Process #2: Same Day Service
	Weight	Measure	
Dried New Mexican chili peppers, whole		6	1. Sauté chili peppers and onions in oil for 2-3 minutes. For 50 servings, use a roasting pan/square head pan (20 7/8" x 17 3/8" x 7") on top of stove.
*Fresh onions, diced	3 lb 2 oz	2 qt 3 cups	
Vegetable oil		1 cup	
Ground cumin		3 Tbsp	2. Add cumin and sauté for 2 minutes.
*Fresh sweet potatoes, peeled, cubed 1/2"	6 lb	1 gal 1 qt	3. Add sweet potatoes, black beans, orange juice, and stock. Bring to a boil.
Canned low-sodium black beans, drained, rinsed OR *Dry black beans, cooked (See Notes Section)	24 lb 4 oz OR 24 lb 4 oz	2 gal 2 2/3 qt (6 No. 10 cans) OR 2 gal 2 2/3 qt	
Orange juice		1 qt 2 cups	
Low-sodium chicken stock		2 qt	4. Cover and reduce heat to low. Simmer for 20 minutes or until potatoes are tender.
Red wine vinegar		1/2 cup	5. Remove chilies and discard. Add vinegar, salt, pepper, and Swiss chard. Cover. Critical Control Point: Heat to 140 °F or higher for at least 15 seconds.
Salt		2 tsp	
Ground black pepper		2 tsp	
*Fresh Swiss chard, no stems, chopped 1/2" OR Frozen Swiss chard, chopped	2 lb OR 1 lb 8 oz	2 qt 2 cups OR 1 qt 1/2 cup	
			6. Critical Control Point: Hold for hot service at 135 °F or higher. 7. Portion with 8 fl oz ladle (1 cup).

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Notes
*See Marketing Guide for purchasing information on foods that will change during preparation or when a variation of the ingredient is available
Special tip for preparing dry beans:
SOAKING BEANS
OVERNIGHT METHOD: Add 1 ¾ qt cold water to every 1 lb of dry beans. Cover and refrigerate overnight. Discard the water. Proceed with recipe.
QUICK-SOAK METHOD: Boil 1 ¾ qt of water for each 1 lb of dry beans. Add beans and boil for 2 minutes. Remove from heat and allow to soak for 1 hour. Discard the water. Proceed with recipe.
COOKING BEANS
Once the beans have been soaked, add 1 ¾ qt water for every lb of dry beans. Boil gently with lid tilted until tender, about 2 hours.
Use hot beans immediately.
Critical Control Point: Hold for hot service at 135 °F or higher.
OR
Chill for later use.
Critical Control Point: Cool to 70 °F within 2 hours and to 40 °F or lower within an additional 4 hours.
1 lb dry black beans = about 2 ¼ cups dry or 4 ½ cups cooked beans.
In place of the New Mexican Chilies use California, Anaheim, or Ancho chilies. If using powdered chili use Ancho Chili Powder and use 1 Tbsp per chili.

Marketing Guide	
Food as Purchased for	50 servings
Mature onions	3 lb 10 oz
Sweet potatoes	7 lb 8 oz
Dry black beans	9 lb 6 oz
Swiss chard	2 lb 2 oz

Nutrients Per Serving					
Calories	222.48	Saturated Fat	0.34 g	Iron	3.95 mg
Protein	10.35 g	Cholesterol	0 mg	Calcium	103.07 mg
Carbohydrate	43.48 g	Vitamin A	8847.71 IU	Sodium	578.59 mg
Total Fat	4.43 g		(442.39 RAE)	Dietary Fiber	12.25 g
		Vitamin C	25.75 mg		

Serving	Yield	Volume
1 cup (8 fl oz ladle) provides:	50 Servings: about 32 lb	50 Servings: about 4 gallons
Legume as Meat Alternate: 3 oz equivalent meat alternate, ¼ cup red/orange vegetable, and ¼ cup other vegetable.		
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Sweet Potato and Black Bean Stew

Meal Components: Meat Alternate-Legume Vegetable-Red/Orange Vegetable-Other Vegetable

Soups H-08r

Ingredients	100 Servings		Directions Process #2: Same Day Service
	Weight	Measure	
Dried New Mexican chili peppers, whole		12	1. In a roasting pan/square head pan (20 7/8" x 17 3/8" x 7") on top of stove, sauté chili peppers and onions in oil for 2-3 minutes.
*Fresh onions, diced	6 lb 4 oz	1 gal 1 qt	
Vegetable oil	1 lb	2 cup	
Ground cumin		¼ cup 2 Tbsp	2. Add cumin and sauté for 2 minutes.
*Fresh sweet potatoes, peeled, cubed ½"	12 lb	2 gal 2 qt	3. Add sweet potatoes, black beans, orange juice, and stock. Bring to a boil.
Canned low-sodium black beans, drained, rinsed OR *Dry black beans, cooked (See Notes Section)	48 lb 8 oz OR 48 lb 8 oz	5 gal 1 ½ qt (12 No. 10 cans) OR 5 gal 1 ½ qt	
Orange juice		3 qt	
Low-sodium chicken stock		1 gal	4. Cover and reduce heat to low. Simmer for 20 minutes or until potatoes are tender.
Red wine vinegar		1 cup	5. Remove chilies and discard. Add vinegar, salt, pepper, and Swiss chard. Cover. Critical Control Point: Heat to 135 °F or higher for at least 15 seconds.
Salt		1 Tbsp 1 tsp	
Ground black pepper		1 Tbsp 1 tsp	
*Fresh Swiss chard, no stems, chopped ½" OR Frozen Swiss chard, chopped	4 lb OR 3 lb	1 gal 1 qt OR 2 qt 1 cup	
			6. Critical Control Point: Hold for hot service at 135 °F or higher. 7. Portion with 8 fl oz ladle (1 cup).

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SOAKING BEANS
OVERNIGHT METHOD: Add 1 ¾ qt cold water to every 1 lb of dry beans. Cover and refrigerate overnight. Discard the water. Proceed with recipe.
QUICK-SOAK METHOD: Boil 1 ¾ qt of water for each 1 lb of dry beans. Add beans and boil for 2 minutes. Remove from heat and allow to soak for 1 hour. Discard the water. Proceed with recipe.
COOKING BEANS
Once the beans have been soaked, add 1 ¾ qt water for every lb of dry beans. Boil gently with lid tilted until tender, about 2 hours.
Use hot beans immediately.
Critical Control Point: Hold for hot service at 135 °F or higher.
OR
Chill for later use.
Critical Control Point: Cool to 70 °F within 2 hours and to 40 °F or lower within an additional 4 hours.
1 lb dry black beans = about 2 ¼ cups dry or 4 ½ cups cooked beans.
In place of the New Mexican Chilies use California, Anaheim, or Ancho chilies. If using powdered chili use Ancho Chili Powder and use 1 Tbsp per chili.

Marketing Guide	
Food as Purchased for	100 Servings
Mature onions	7 lb 4 oz
Sweet potatoes	15 lb
Dry black beans	18 lb 12 oz
Swiss chard	4 lb 4 oz

Nutrients Per Serving					
Calories	222.48	Saturated Fat	0.34 g	Iron	3.95 mg
Protein	10.35 g	Cholesterol	0 mg	Calcium	103.07 mg
Carbohydrate	43.48 g	Vitamin A	8847.71 IU	Sodium	578.59 mg
Total Fat	4.43 g		(442.39 RAE)	Dietary Fiber	12.25 g
		Vitamin C	25.75 mg		

Serving	Yield	Volume
1 cup (8 fl oz ladle) provides:	100 Servings: about 65 lb 8 oz	100 Servings: about 8 gallons
Legume as Meat Alternate: 3 oz equivalent meat alternate, ¼ cup red/orange vegetable, and ¼ cup other vegetable.		
OR		
Legume as Vegetable: ¾ cup legume vegetable, ¼ cup red/orange vegetable, and ¼ cup other vegetable.		
<i>Legume vegetable can be counted as either a meat alternate or as a legume vegetable but not as both simultaneously.</i>		