



# **PLANT BASED PROTEIN**

#### 1. Legumes:

- o Lentils
- Chickpeas (Garbanzo beans)
- o Black beans
- Kidney beans
- Pinto beans
- o Soybeans

#### 2. Whole Grains:

- Quinoa
- Brown rice
- Oats
- Barley 0
- **Farro**
- Millet
- **Amaranth**
- **Buckwheat**

#### **NUTS, AND SEEDS**

- o Almonds
- Walnuts
- Cashews 0
- **Pistachios**
- Chia seeds
- Flaxseeds
- Hemp seeds
- Pumpkin seeds
- Sunflower seeds
- Sesame seeds

#### 1. Soy Products:

- o Tofu
- Tempeh
- o Edamame

#### 2. Pseudocereals:

- Quinoa
- Amaranth
- Buckwheat
- Other Options:
- Nutritional yeast
- o Spirulina

- Fruits:
- **Apples**
- Bananas
- Oranges
- Grapes
- Strawberries
- Blueberries
- Raspberries
- Cherries
- Mangoes
- **Pineapples**
- **Kiwis**
- **Peaches**
- **Plums**
- **Pears**
- Watermelons
- Cantaloupe
- Lemons
- Limes
- **Avocados**
- **Pomegranates**
- Vegetables:
- Spinach
- Kale
- Lettuce
- Broccoli
- Cauliflower
- Brussels sprouts
- Carrots
- Sweet potatoes
- **Potatoes**
- Bell peppers
- (red, green, yellow, orange)
- Onions
- Garlic
- **Tomatoes**
- Cucumbers
- Zucchini
- Eggplant
- Mushrooms
- **Asparagus** Green beans
- Peas
- Celery
- Radishes
- **Beets**
- Cabbage
- **Artichokes**

- Whole Grains:
- Quinoa
- **Brown Rice**
- Whole Oats (rolled or steel-cut)
- **Barley**
- Millet
- Buckwheat
- Whole Grain Pasta
- Legumes and Beans:
- Lentils (red, green, brown)
- Chickpeas (dried or canned)
- **Black Beans**
- Kidney Beans
- Pinto Beans
- Nuts and Seeds:
- **Almonds**
- Walnuts
- Chia Seeds
- Flaxseeds
- Hemp Seeds
- **Pumpkin Seeds**
- **Sunflower Seeds**
- Baking and Cooking Essentials:
- Whole Wheat Flour
- other whole grain flours
- **Nutritional Yeast**
- for a cheesy flavor)
- Baking Powder and Baking Soda
- Cocoa Powder (unsweetened)
- Oils and Vinegars:
- Extra Virgin Olive Oil
- Coconut Oil
- Balsamic Vinegar
- **Apple Cider Vinegar**

- Salt
- Black Pepper
- Garlic Powder
- Onion Powder
- Paprika (Sweet, Smoked)
- Chili Powder
- Cumin
- Oregano
- Basil
- Thyme
- Rosemary **Bay Leaves**
- Cinnamon
- Nutmeg
- Ginger
- **Turmeric**
- Red Pepper Flakes

Italian Seasoning

- Curry Powder
- **Dried Parsley**
- Dill



#### PANTRY STAPLES

#### • I. Grains & Starches:

#### • Grains:

- Rice (White, Brown, Basmati, Jasmine, Arborio, Wild Rice)
- Quinoa
- Oats (Rolled Oats, Steel-Cut Oats, Quick Oats)
- Pasta (Spaghetti, Penne, Rotini, Macaroni, etc. Consider whole wheat, gluten-free, or lentil-based options)
- Flour (All-Purpose, Whole Wheat, Bread Flour, Cake Flour, Almond Flour, Coconut Flour, Gluten-Free Blend)
- Cornmeal
- Couscous
- Polenta (Corn Grits)
- Barley
- Farro

#### Starches:

- Cornstarch
- Tapioca Starch
- Potato Starch
- Arrowroot Powder

#### • II. Legumes & Beans:

- Dried Beans (Black Beans, Kidney Beans, Pinto Beans, Navy Beans, Cannellini Beans, Great Northern Beans, Chickpeas, Lentils, Split Peas)
- Canned Beans (Same as above, for convenience)
- Peanut Butter (or other nut butters)
- Hummus (shelf-stable versions)

#### III. Canned Goods:

- Canned Tomatoes (Diced, Crushed, Whole Peeled, Tomato Paste, Tomato Sauce)
- Canned Vegetables (Green Beans, Corn, Peas, etc.)
- Canned Fruits (Peaches, Pears, Pineapple, etc. Choose those packed in their own juice or water)
- · Canned Broth (Vegetable, Chicken, Beef)
- Coconut Milk
- IV. Cooking Oils & Fats:
- Olive Oil (Extra Virgin, Light)
- Coconut Oil
- Avocado Oil
- Sesame Oil
- · Cooking Spray
- Sweeteners:
- Sugar (Granulated, Brown Sugar, Powdered Sugar)
- Honey
- Maple Syrup
- Agave Nectar
- Molasses
- Stevia (or other sugar substitutes)

- VI. Condiments & Sauces:
- Vinegar (White Vinegar, Apple Cider Vinegar, Balsamic Vinegar, Red Wine Vinegar)
- Soy Sauce (or Tamari for gluten-free)
- Mustard (Yellow, Dijon, Stone-Ground)
- Ketchup
- Mayonnaise ( vegan mayo)
- Hot Sauce
- Worcestershire Sauce check ingredients for anchovies if vegan
- Salad Dressings
- Pasta Sauce (Marinara, Pesto)
- Salsa
- Relish
- Pickles
- VII. Spices & Herbs (Dried):
- Salt
- Black Pepper
- Garlic Powder
- Onion Powder
- Paprika (Sweet, Smoked)
- Chili Powder
- Cumin
- Oregano
- Basil
- Thyme
- Rosemary
- Bay LeavesCinnamon
- Nutmeg
- Ginger
- Turmeric
- Red Pepper Flakes
- Curry Powder
- Italian Seasoning
- Dried Parsley
- Dill
- VIII. Baking Supplies:
- Baking Soda
- Baking Powder
- Yeast (Active Dry, Instant)
- Vanilla Extract
- · Chocolate Chips
- Cocoa Powder
- Nuts & Seeds (Almonds, Walnuts, Pecans, Sunflower Seeds, Chia Seeds, Flax Seeds)
- Dried Fruit (Raisins, Cranberries, Apricots)
- · IX. Beverages:
- Coffee
- Tea (Black, Green, Herbal)
- Juice (shelf-stable)
- X. Other:
- Popcorn Kernels
- Nutritional Yeast
- Vegetable Broth Cubes or Bouillon
- Dried Mushrooms
- Sun-dried Tomatoes
- Olives (canned or jarred)





#### Seitan:

Approximate Protein: 21-25 grams per 3.5 ounces (100g) Notes: Made from wheat gluten, very high in protein but not suitable for those with gluten intolerance or celiac disease. Widely used as a meat substitute.



#### Tempeh:

Approximate Protein: 19-20 grams per 3.5 ounces (100g) Notes: Fermented soybean cake. Denser and more flavorful than tofu. Provides protein and probiotics.

#### Tofu (Firm or Extra-Firm):

Approximate Protein: 17-20 grams per 3.5 ounces (100g)
Notes: Made from soybean curds. Versatile, absorbs
flavors well. Protein content varies slightly depending on
firmness.



#### Lentils (Cooked):

Approximate Protein: 18 grams per 1 cup (cooked)
Notes: Excellent source of protein and fiber. Red lentils
cook faster than brown or green lentils.



#### **Chia Seeds:**

Approximate Protein: 5 grams per 2 tablespoons Note: Good source of protein, fiber, and omega-3 fatty acids.



#### **Hemp Seeds:**

Approximate Protein: 10 grams per 3 tablespoons Notes: A complete protein (containing all nine essential amino acids). Easy to add to smoothies, salads, or yogurt



#### Quinoa (Cooked):

- \* Approximate Protein: 8 grams per 1 cup (cooked)
- \* Notes: A complete protein. Versatile and can be used in salads, bowls, or as a side dish.



#### **Nutritional Yeast:**

- \* Approximate Protein: 8 grams per 1/4 cup
- \* Notes: Deactivated yeast with a cheesy flavor. Good source of B vitamins.



# Edamame (Cooked, Shelled):

Approximate Protein: 18 grams per 1 cup



#### **Green Peas (Cooked):**

Approximate Protein: 8 grams per 1 cup



#### **Black Beans (Cooked):**

Approximate Protein: 15 grams per 1 cup (cooked)





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# **PLANT BASED**

# Chickpeas (Cooked):

Approximate Protein: 15 grams per 1 cup (cooked)



#### Oats:

\* Approximate Protein: 6 grams per 1/2 cup (dry)



#### Peanut Butter:

\* Approximate Protein: 7 grams per 2 tablespoons



# Navy Beans (Cooked)

Approximate Protein: 15 grams per 1 cup (cooked)



#### Kidney Beans (Cooked):

Approximate Protein: 13-15 grams per 1 cup (cooked)



# **Brazil Nuts:**

Approximate Protein: 4 grams per 1 ounce (approximately 6 nuts)



#### Spirulina:

\* Approximate Protein: 4g per 1 tablespoon



#### **Amaranth (Cooked):**

\* Approximate Protein: 9 grams per 1 cup (cooked)



#### Almonds:

\* Approximate Protein: 6 grams per 1/4 cup



#### Pistachios:

\* Approximate Protein: 6 grams per 1 ounce (approximately 49 kernels)







#### **Turmeric:**

**Key Compound: Curcumin** Potential Benefits: Powerful anti-inflammatory, antioxidant, may support brain health, may improve

How to Use: Add to curries, soups, stews, rice. Pair with black pepper to enhance curcumin absorption. (Curcumin absorption is aided by fats) Try It: Golden milk (turmeric, ginger, plant-based milk, a touch of sweetener, and black pepper).



#### **Garlic:**

(Technically a vegetable, but often used as a spice) Key Compound: Allicin (formed when garlic is crushed or chopped)

Potential Benefits: Immune-boosting, antibacterial, antiviral, may lower blood pressure, may improve cholesterol levels.

How to Use: Add to almost anything savory! Roasting it mellows out the flavor.

Try It: Garlic-infused olive oil (for drizzling on vegetables or pasta).



#### Ginger:

Key Compounds: Gingerol, Shogaol Potential Benefits: Anti-inflammatory, anti-nausea, may improve digestion, may boost immune function. How to Use: Add to stir-fries, soups, smoothies, teas. Try It: Ginger tea (steep fresh ginger in hot water).



#### Cinnamon:

Key Compounds: Cinnamaldehyde Potential Benefits: May help regulate blood sugar levels, anti-inflammatory, antioxidant, may improve

brain function.

How to Use: Add to oatmeal, smoothies, baked goods, coffee or tea.

Try It: Sprinkle on sliced apples or pears.



#### **Black Pepper:**

Key Compound: Piperine

Potential Benefits: Enhances the absorption of other nutrients (especially curcumin), antioxidant, may improve digestion.

How to Use: Use freshly ground pepper liberally on almost any dish.

Important Note: Use with turmeric for increased Curcumin absorption.



# Cayenne Pepper

(or other chili peppers):

Key Compound: Capsaicin

Potential Benefits: May boost metabolism, anti-

inflammatory, may relieve pain.

How to Use: Add a pinch to soups, stews, or veggie

dishes for a bit of heat.

Start small: Cayenne can be quite potent!



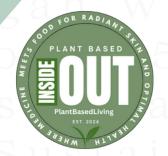
Key Compounds: Rosmarinic acid, Carnosic acid Potential Benefits: Antioxidant, may improve brain function, may protect against cancer.

How to Use: Add to roasted vegetables, soups, stews, or infused oils.

Try It: Rosemary-infused olive oil for drizzling on roasted potatoes or vegetables.







#### "Regular/Daily" Means Moderate:

Think of these as enhancements to your meals, not overwhelming additions. A little goes a long way with many spices.

Whole Form Preferred: Whenever possible, opt for whole herbs and spices (e.g., whole peppercorns instead of ground pepper). Grind them fresh for maximum flavor and potency. Quality Matters: Choose organic herbs and spices whenever possible to minimize exposure to pesticides. Individual Tolerance: Start slowly and pay attention to how your body responds. Some spices can have strong effects and

your body responds. Some spices can have strong effects and might not be suitable for everyone in large quantities. Synergy: Often, the combination of multiple herbs and spices can provide greater benefits than using just one in isolation. List of Herbs and Spices (With their Potential Benefits):

#### Oregano:

Key Compounds: Carvacrol, Thymol Potential Benefits: Antibacterial, antiviral, antioxidant, may boost immune function. How to Use: Add to pasta sauces, pizzas, soups, stews, or

roasted vegetables.

Try It: Sprinkle fresh oregano on salads



#### Basil:

Key Compounds: Eugenol, Linalool Potential Benefits: Anti-inflammatory, antioxidant, may relieve stress. How to Use: Add to pesto, pasta sauces, salads, or sandwiches.

Try It: Fresh basil in smoothies.



#### Thyme:

Key Compound: Thymol
Potential Benefits: Antibacterial, antiseptic,
antioxidant, may boost immune function.
How to Use: Add to soups, stews, roasted
vegetables, or meat substitutes.



#### **Cumin:**

Key Compounds: Cuminaldehyde Potential Benefits: May aid digestion, antioxidant, may lower blood sugar. How to Use: Add to curries, chili, soups, stews, or roasted vegetables.



## Coriander (Cilantro):

Key Compounds: Linalool, Geranyl acetate Potential Benefits: May help detoxify heavy metals, antioxidant, may aid digestion. How to Use: Add to salsas, salads, tacos, or soups.





# Ilon Plant based

Approximate Iron: 8 mg per 2 tablespoons (14 grams) Note: Blue-green algae, often added to smoothies. Very nutrient-dense.



### Soybeans (Cooked):

Approximate Iron: 8-9 mg per 1 cup (cooked)



#### Lentils (Cooked):

Approximate Iron: 6-7 mg per 1 cup (cooked)



#### Spinach (Cooked):

Tofu (Firm):

Approximate Iron: 6 mg per 1 cup (cooked)



Approximate Iron: 3-6 mg per 3.5 ounces (100g) (depends on processing and firmness)



#### Kidney Beans (Cooked):

Approximate Iron: 4-5 mg per 1 cup (cooked)



#### Blackstrap Molasses:

Approximate Iron: 3.5 mg per 1 tablespoon Note: A sweetener made from sugarcane processing. Use in moderation



Approximate Iron: 3 mg per 1/2 cup



#### Chickpeas (Cooked):

Approximate Iron: 3-4 mg per 1 cup (cooked)



Approximate Iron: 4 mg per 1/4 cup Note: Includes tahini (sesame seed paste).



#### Pumpkin Seeds (Pepitas):

Oats (Cooked):

Approximate Iron: 2.5 mg per 1/4 cup



Approximate Iron: 1.5 mg per 1 cup (cooked)



Approximate Iron: 1 mg per 1/2 cup (dry)



### Dark Chocolate (70-85% Cacao):

Approximate Iron: 2-3 mg per 1 ounce (28g) Note: Choose dark chocolate in moderation as it has other health considerations (calories, sugar).



#### Calcium-Set Tofu:

Approximate Calcium: Up to 700 mg per 3.5 ounces (100g) - very high, but depends on the calcium salt used in the tofu-making process. Bioavailability: Good. Calcium-set tofu is made with calcium sulfate or calcium chloride, which are readily absorbed. Look for "calcium sulfate" or "calcium chloride" on the ingredient list.

#### Fortified Plant-Based Milks:

Approximate Calcium: 300-450 mg per 1 cup (varies by brand) Bioavailability: Good, often comparable to cow's milk, as they are often fortified with calcium carbonate or calcium phosphate.

#### Collard Greens (Cooked):

Approximate Calcium: 268 mg per 1 cup (cooked) Bioavailability: Excellent (around 50%), higher than spinach.

#### Turnip Greens (Cooked):

Approximate Calcium: 200 mg per 1 cup (cooked)

Bioavailability: Good, similar to collard greens.

#### Kale (Cooked):

Approximate Calcium: 179 mg per 1 cup (cooked) Bioavailability: Good, though slightly lower than collard and turnip greens.

#### **Bok Choy (Cooked):**

Approximate Calcium: 158 mg per 1 cup (cooked) Bioavailability: Good, similar to kale.

## Broccoli (Cooked):

Approximate Calcium: 62 mg per 1 cup (cooked) Bioavailability: Good.



#### **Fortified Orange Juice:**

Approximate Calcium: 348 mg per 1 cup **Bioavailability: Varies** 

#### Figs (Dried):

Approximate Calcium: 54mg per 1 ounce (about 3-5 figs)

#### Almonds:

Approximate Calcium: 75 mg per 1/4 cup Bioavailability: Moderate.

#### Tahini (Sesame Seed Paste):

Approximate Calcium: 64 mg per 2 tablespoons Bioavailability: Moderate.

#### Chia Seeds:

Approximate Calcium: 179 mg per 2 tablespoons Bioavailability: Less clear, but likely moderate.

#### **Blackstrap Molasses:**

Approximate Calcium: 200mg per 2 tablespoons Bioavailability: Varies.

**Understanding Calcium's Importance:** 

Calcium is essential for:

Bone Health: Building and maintaining

strong bones and teeth.

Muscle Function: Muscle contraction

and relaxation.

Nerve Function: Nerve transmission. **Blood Clotting: Proper blood clotting.**