



An Original Plant-Based Protein

You can't get much closer to the source. Simple, wholesome seeds are trending, as a nutritious and delicious ingredient that meets today's growing desire for alternative proteins and whole food, closer-to-nature ingredients. Seeds are a perfect way to capture the essence of what today's consumers want, and our vast NutriStem™ portfolio and trusted expertise help you take them to a whole new level of consumer-pleasing satisfaction.

SEEDS FEED CONSUMERS' VIEW OF MODERN HEALTH

Today, consumers are looking for products like plant-based proteins that fit into their modern and constantly evolving definition of health. Seeds are an easy-to-incorporate nutrient-dense plant protein option for consumers. **In fact, chia and sorghum are the top two fastest-growing grains on U.S. menus in the last four years, with chia coming in fourth.**¹ With plentiful protein and fiber, seeds add great taste and texture to their hearty nutritional profile.

It makes them a great addition to a long list of successful applications including: snacks, bars, side dishes and ready meals, baked goods, cereals, meat and meat alternatives, dairy and dairy alternatives, beverages and more.

¹Datassential 2021



²Mintel "Plant-Based Proteins" Report, 2020

³ADM OutsideVoice™ Consumer Study, May 2019

⁴ADM Outside Voice™ "Global Plant Protein Consumer Discovery" Report, August 2020



NutriStem™, The Best Seeds, Without a Doubt

With our global sourcing strategy and integrated partnership with growers, we ensure you have all the seeds you need, when you need them. Our diverse NutriStem™ seeds portfolio features a wide range of on-trend plant-based proteins. All of our seed ingredients feature reliable farm-to-plate sustainability* you can trust.

POSITIVELY NUTRITIOUS

Consumers want high-quality protein and fiber in their plant-based foods and beverages. Our NutriStem™ seeds fit the bill—real ingredients from the earth, close-to-nature and carefully harvested—used as single-ingredient options or made into nutrient-dense, blended solutions.

GREAT TASTE AND TEXTURE

Our premier NutriStem™ seeds offer a mild nutty flavor profile and a satisfying crunch—with the great taste and texture consumers crave. We know exactly how to pair or combine them with the rest of our protein portfolio to solve any taste or texture challenge.

TRUSTED FOOD SAFETY

We have one of the most rigorous food safety programs in the world, using competitive pathogen-mitigation standards as well as unique kill-step methods customized to specific seeds, including pumpkin, hemp, chia seed and flax.

STRATEGIC AND SUSTAINABLE SOURCING*

Our partnerships with trusted growers enable a supply chain second to none, with meticulous sourcing for the claims consumers care about, including: non-GMO, organic, gluten-free and clean label.

*Sustainability and other claims as defined by U.S. standards

SEEDS OF OPPORTUNITY

With consumers looking for more whole foods and nutrient-dense, plant-based protein ingredients, brands with seeds as primary ingredients promise to have increasingly wide appeal. Along with sustainably sourced* NutriStem™ seed ingredients you can count on, we have the product development know-how and proactive solutions you need to succeed—and get to market faster.

More Applications, More Benefits

Here are some ways our exceptional seed ingredients can help:



Snacks

- Offer strong piece identity for visual appeal in snack mixes and clusters
- Add a crunchy texture to formulation applications
- Provide label claim options such as non-GMO, gluten free and organic
- Supply a range of nutrition such as protein, fiber, vitamin E and omega-3s
- Chia seeds and powder offer functional attributes to aid in binding and emulsification



Bars

- Offer strong piece identity for visual appeal in bar applications
- Seeds such as pumpkin and sunflower add a nutty flavor profile to your bar
- Add texture and interest to crunchy bars
- Provide label claim options such as non-GMO, gluten free and organic
- Offer a range of nutrition such as protein, fiber, vitamin E and omega-3s
- Chia seeds and powder aid as clean-label binders



Side Dishes and Ready Meals

- Add texture and color to savory dishes
- Supply protein and other nutrients to plant-protein power bowls
- Offer ethnic authenticity to globally inspired dishes



Baked Goods and Cereals

- Add texture and flavor appeal
- Seeds such as chia and flax add functionality
- Contribute fiber, protein and omega-3s
- Piece identity can add artisanal authenticity



Beverages, Dairy & Dairy Alternatives

- Seeds like chia offer unique gelation properties to beverages such as teas
- Add nutritional boosts of protein, fiber or omega-3s to smoothie and yogurt drinks
- In powder or meal form, seeds can add emulsification and other functional attributes



Meat & Meat Alternatives

- Add texture to formulation applications
- Provide label claim options such as non-GMO, gluten free and organic
- Chia seeds have a synergistic effect with proteins and bonding agents, offer a capillary effect (increase binding of water and oil) and help stabilize fiber networks

*Sustainability and other claims as defined by U.S. standards



The Ultimate Seed Source

With ADM’s NutriStem™ portfolio, it’s no longer hard for you to source high-quality seeds. Not only are we the single largest sunflower and flax seed buyer in the U.S., our diverse portfolio has the trusted, sustainable supply and wide variety of protein and fiber-rich options to meet your formulation and labeling needs, with everything from conventional to organic, non-GMO, gluten free and much more.

NutriStem™ seeds are available with a variety of options including: added ultra-clean processing, blending, micro reduced, roasting (oil or dry), seasoning and dicing. Private label packaging is also available.

NutriStem™ Product	Product Type	Product Number	Ready-to-Eat	MOQ (lb.)	Packaging Type	Protein/100g	Fat/100g	Fiber/100g
CHIA								
	Black	CHIA-001		2,000	25kg	17g	31g	34g
	Black-Pasteurized	CHIA-001-P	YES	12,000	50lb			
	Black-Organic	CHIA-003		2,000	25kg			
	Black-Organic-Pasteurized	CHIA-003-P-GF	YES	12,000	50lb			
	White	CHIA-002		2,000	25kg			
	White-Pasteurized	CHIA-002-RFP	YES	17,600	25kg			
	Powder-Black 125LM-P	CHIA-010-P	YES	17,600	20kg			
	Powder-Black 435LM-P	CHIA-011-P	YES	17,600	20kg			
	Powder-White 125LM-P	CHIA-012-P	YES	17,600	20kg			
	Powder-White 435LM-P	CHIA-013-P	YES	17,600	20kg			
FLAX								
	Brown	FLAX-001		2,000	50lb	18g	42g	27g
	Brown-Pasteurized	FLAX-001-P	YES	4,000	50lb			
	Brown-Organic	FLAX-002		2,000	50lb			
	Brown-Organic-Pasteurized	FLAX-002-P	YES	4,000	50lb			
	Yellow	FLAX-003		2,000	50lb			
	Yellow-Organic	FLAX-004		2,000	50lb			
	Brown-Milled	FLAX-005		4,000	50lb			
	Brown-Milled-Organic	FLAX-006		4,000	50lb			



NutriStem™ Product	Product Type	Product Number	Ready-to-Eat	MOQ (lb.)	Packaging Type	Protein/100g	Fat/100g	Fiber/100g
HEMP								
	Hulled	HEMP-001		2,000	50lb	32g	52g	9g
	Hulled-Pasteurized	HEMP-001-P	YES	2,000	50lb			
	Hulled-Organic	HEMP-007		2,000	50lb			
	Hulled-Organic-Pasteurized	HEMP-007-P	YES	2,000	50lb			
	Protein Powder 33%	HEMP-012		2,000	50lb	37g	11g	31g
	Protein Powder 50%	HEMP-014		2,000	50lb	49g	15g	16g
PUMPKIN								
	Conventional-Pasteurized	PUMP-022-P	YES	2,200	25lb	30g	49g	6g
	Chip Oil Roasted-Salted	PUMP-054	YES	10,000	25lb			
	Chip-Pasteurized	PUMP-075	YES	38,000	25kg			
	Chip-Organic-Pasteurized	PUMP-079-P	YES	38,000	25kg			
	Organic-Pasteurized	PUMP-019-P	YES	20,000	25lb			
	Conventional-Dry Roasted	PUMP-034	YES	20,000	25lb			
	Organic-Dry Roasted	PUMP-056	YES	20,000	25lb			
	Oil Roasted-Salted	PUMP-002	YES	20,000	25lb			
	Oil Roasted-No Salt	PUMP-003	YES	20,000	25lb			
SUNFLOWER								
	Hulled-Conoil	HULL-023		2,000	50lb, 2000lb	21g	52g	9g
	Hulled-European-Organic	HULL-038		2,000	50lb, 2000lb			
	Hulled-Pasteurized	HULL-007-P	YES	2,000	25lb			
	Hulled-Organic-Pasteurized	HULL-038-P	YES	10,000	25lb			
	Oil-Roasted-No Salt	HULL-009	YES	10,000	25lb, 2000lb			
	Oil-Roasted-Salted	HULL-008	YES	10,000	25lb, 2000lb			

ADM DELIVERS FOR YOU

With ADM, you have a partner who combines a diverse portfolio of nutritious seeds with unmatched technical ingenuity. We bring over 75 years of experience in alternative protein and flavor design to the table—and offer top-notch marketing, culinary, technical, product development, and R&D expertise to give you an edge in developing consumer-preferred plant-based food and beverages. Our high processing standards, robust sourcing strategy, and partnerships with growers help ensure a safe, sustainable*, premium-quality product from farm to plate. Count on us to meet any formulation challenge head on and to deliver for your consumer every time.

*Sustainability and other claims as defined by U.S. standards

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