



Fresh Solutions with SustainMINT®

Delivering sustainable,
traceable mint solutions
consumers will love.



More than Traditional Mint

As you walk down the aisles of your local retailer, it's impossible to overlook mint as a dominant ingredient in a diverse array of products. From toothpaste to skincare products, mint's refreshing flavor, invigorating aroma, and cooling sensation are ubiquitous in the consumer market.

With its wide-ranging appeal and versatile applications, mint continues to captivate consumers, enhancing everyday experiences with its distinctive aroma and revitalizing essence.

Products marketed as sustainable now hold a 18.5% market share, up 4.8ppts vs. 2015, and up 1.2ppts vs. prior year despite high 2023 inflation.¹

81% of US consumers say they are aware of soil health as an environmental concern in 2023 (+6 ppts from 2021).²

Sustainability-marketed products grew ~2x faster than conventionally marketed products.¹



But, consumers today are increasingly concerned and taking action when it comes to sustainability,² seeking products that are responsibly sourced, and with a lower environmental impact.³

For over 70 years, ADM has been at the forefront of producing environmentally responsible mint plants. Our dedication to plant science research led to the development of SustainMINT[®], a program designed to ensure the sustainability of our mint solutions for years to come.

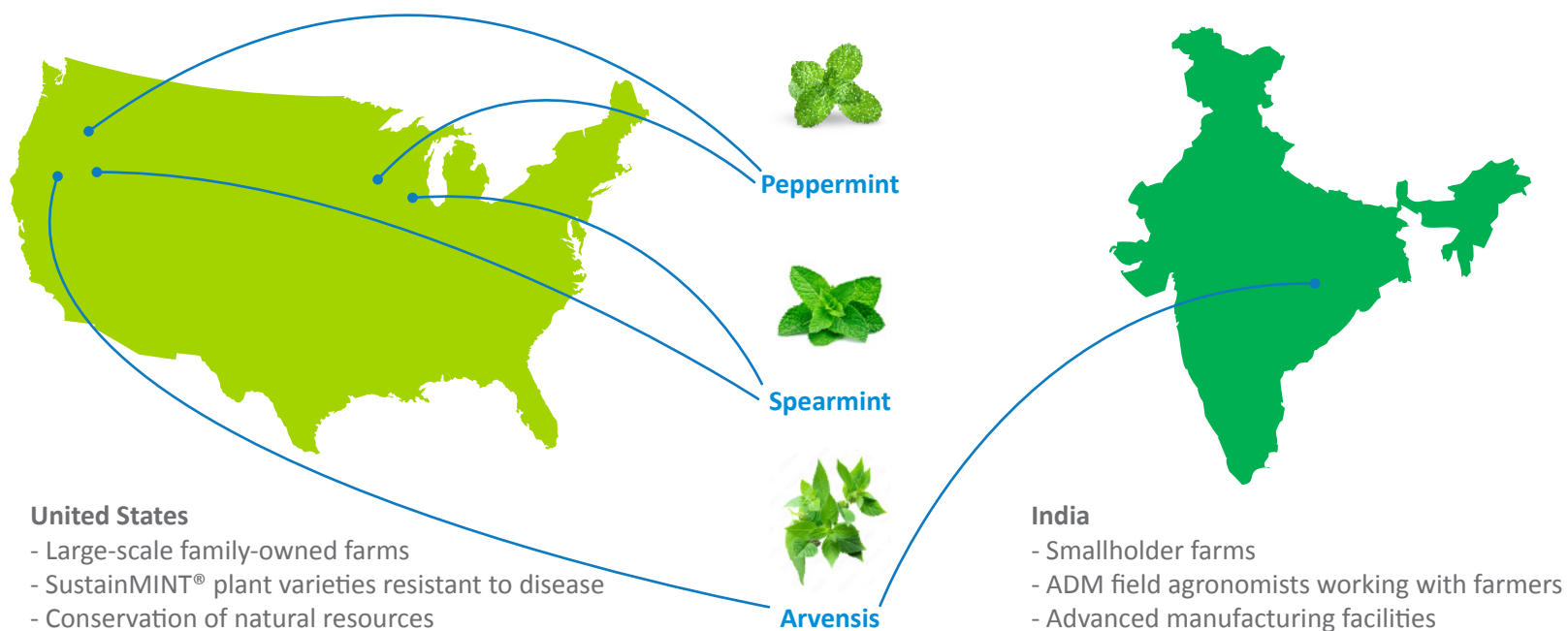
Mint Essentials

Mint, with its invigorating aroma and refreshing taste, is an herb under the genus *Mentha* within the Lamiaceae aromatic herb family. Though there are 600+ cultivars of mint, more than 95% of all commercial mint oil comes from these four varieties.

Peppermint <i>Mentha piperita</i>	Native Spearmint <i>Mentha spicata</i>	Scotch Spearmint <i>Mentha cardiaca</i>	Arvensis <i>Mentha arvensis</i>
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ADM Mint Footprint Mint is commercially grown predominately in two countries due to climate – United States and India.



The Production Process

The traditional process of growing, harvesting, and processing mint is complex & requires extensive resources. Most of the world's peppermint and spearmint is grown in North America, north of the 41st parallel, where 15 hours of warm daylight and cooler nights result in the best yield and quality oil.



Growing

Commercial mint must be grown from rootstock (which grows 4-7 years before it must be replaced) and requires irrigation and care.



Harvesting

A perfectly timed harvest ensures maximum yield and quality. Swathed hay cures in the field for 1-3 days before being chopped into small pieces and discharged into a distillation chamber.



Distilling

The distillation chamber is filled with steam and the oil from the chopped mint hay is vaporized and later recondensed back into liquid in an hours-long process.



Initial Processing

The mint oil is filtered to remove water, cleaned, and tested for compliance with stringent specifications.



Redistilling

Standardization, redistillation, and blending steps create a variety of natural oils — as well as flavors created by blending mint oils with other ingredients — to meet specific customer flavor profiles.

Introducing SustainMINT

Leading the way in Sustainable Mint

ADM is dedicated to supporting responsible land management and our SustainMINT® Program is a decades-long commitment to developing sustainable mint from all-natural, non-GMO and cost-advantaged mint plants.

SustainMINT® stands at the forefront of mint research, pioneering sustainable agriculture practices through its innovative farm-to-flavor program. It ensures the highest quality and stable supply of mint while maintaining complete traceability from the farm level.



Sustainably Sourced

Quantified sustainability regarding fuel usage, water usage, and greenhouse gas emissions – while significantly reducing production costs

“The impact that ADM has on my family is that they care, they are looking at our next generation and how they can sustain us and continue our growth, and so that is what’s exciting,”

-Michelle McKay, Mint Grower

Earth Friendly

Pest and disease-resistant, allowing farmers to reclaim land and reduce soil erosion



“Knowing that ADM is there creating these different varieties for us to have that consistency throughout our farming allows us to at least know that’s there for us in the future. There is a certainty for us that we have this mint variety in the years to come.”

-Chris Gross, Mint Grower

The most important members of ADM’s SustainMINT® team are our growers. Our commitment to them goes back generations and we look forward to working with generations to come. We have developed close relationships with growers, bolstering not only the sustainability and productivity of the mint but also significantly improving the livelihoods of many dedicated growers and their families. This commitment to excellence and traceability guarantees that every SustainMINT® plant supports a healthier, more sustainable future.

Our World Class Mint Portfolio



Peppermint Oils



Avensis Oils



Mint Extracts



Spearmint Oils

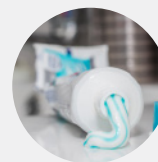


Mint Oil Blends

Innovative Solutions for the Mint Industry

Since 1869, our unwavering dedication to mint production has fueled a constant flow of innovations in mint oils and flavors.

Mint is Used in a Variety of Applications



Oral Care
(toothpaste & mouthwash)



Chewing Gum
& Breath Mints



Antacids
& Cough Drops



Confectionery
& Snack Bars



Beverages



Dairy

Driving Sustainable Innovation from the Ground Up

ADM's SustainMINT® varieties ensure a thriving future by helping mint growers reclaim land and encouraging responsible land management. Using plant science to drive innovation has been a cornerstone at ADM. SustainMINT® varieties have doubled the plantation life compared to traditional mint varieties in the US and India, revolutionizing mint cultivation practices.

SustainMINT®: Supporting Responsible Land Management



Reduced
Greenhouse Gas



More
Farmland



Water
Saved



Erosion
Reduction



Energy
Management



Less
Fertilizer Use



With a rich history spanning over 75 years of continuous research, we are dedicated to developing mint varieties capable of withstanding extreme climatic variations and potential water supply challenges. By addressing consumer expectations for environmental responsibility, our innovative mint varieties ensure that your products not only stand out in flavor but also contribute to a sustainable future.



Minting Success with ADM

With 155 years of mint leadership, ADM leverages a deep understanding of mint to support your brand growth, delivering consumer-preferred solutions for every need to revitalize current products or to deliver new innovation to market faster. Our blending and distillation expertise delivers superior consistency you can count on to meet all your mint application and product needs. Along with our mint oils and mint flavors, ADM's unmatched portfolio of solutions and longstanding technical expertise gives you the edge to elevate your brand with mint products that consumers will love.

Find out more about mint solutions:

<https://www.adm.com/en-us/products-services/human-nutrition/products/flavors/mint/>

Contact us for technical consultation and samples:

mint@adm.com

1. Sustainable Market Share Index, NYU Stern Center for Sustainable Business
2. The Hartman Group, Sustainability, 2023
3. ADM Outside Voice, Sustainability Claims and Consumer Purchase Decisions, 2023