



Agricultural Spray Oils

Maximise your crop yields by making the smart decision throughout the season.



120 years of legacy

Our purpose is to drive transformation and solutions.

Gulf is part of the Hinduja Group, with a presence in over 100 countries worldwide. We have been operating since 1901, with an exceptional range of high-quality products spanning from automotive, agriculture, industrial and marine.

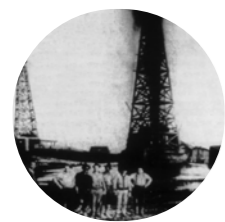
Our agricultural lubricants deliver dependable performance and value in a variety of farm equipment and machinery.

Formulated to perform in any climate or condition and designed to ensure improved operational efficiency.

To us, there's nothing as important as listening to your customers. It's about truly understanding their needs and working alongside them to meet them.

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With our constant push towards research & development, we created our commercial pesticides spray oil line for crop protection that help eliminate pests and diseases throughout the growers crop cycles. Ensuring sustainable products that aid in preserving the quality of the produce.



1901

Spindletop discovery leads the U.S. into the oil age, with Gulf Oil and Texaco corporation



1910

World's first over water drilling operation



1913

World's first drive through fuel station



1968

First LeMans 24 hours win, with Ford



1984

Hinduja Group acquired the Gulf Brand



1989

Argentina launches Argentfruit Spray Oil



2004

First oil company in history to trademark racing colours



2004

Brazil launches Gulf Spray oil



2005

Peru, Chile and Uruguay introduces Gulf Spray Oil



2008

Gulf Oil Marine launch, with global coverage of 1,000 ports



2008

Gulf Oil launches longest drain interval engine oil, India



2018

Gulf Global Technology Centre opens in Chennai, India



2021

McLaren Automotive recommends Gulf Oil



2023

Operational launch of Singapore Tuas blending plant, regional hub for Gulf Asia-Pacific Automotive sector growth



Delivering a sustainable approach to crop productivity

As the global population continues to grow rapidly, sustainable food production has become a top priority.

Farmers are becoming increasingly aware of the challenges posed by climate change, soil erosion, and biodiversity loss and are favouring organic farming practices. However, organic crops are more vulnerable to damage from pests and diseases than conventional farming, making it crucial to choose the right crop protection to control insects, mites, and fungi throughout the growing season. Plants are also prone to phytotoxicity, which can cause problems such as flower failure, yellowing leaves, and fruit rot. Without proper care and treatment, farmers may experience decreased productivity during harvests.

Gulf, with its many years of experience in the field, has developed a highly refined paraffin oil designed specifically for organic application to protect even the most sensitive crops.

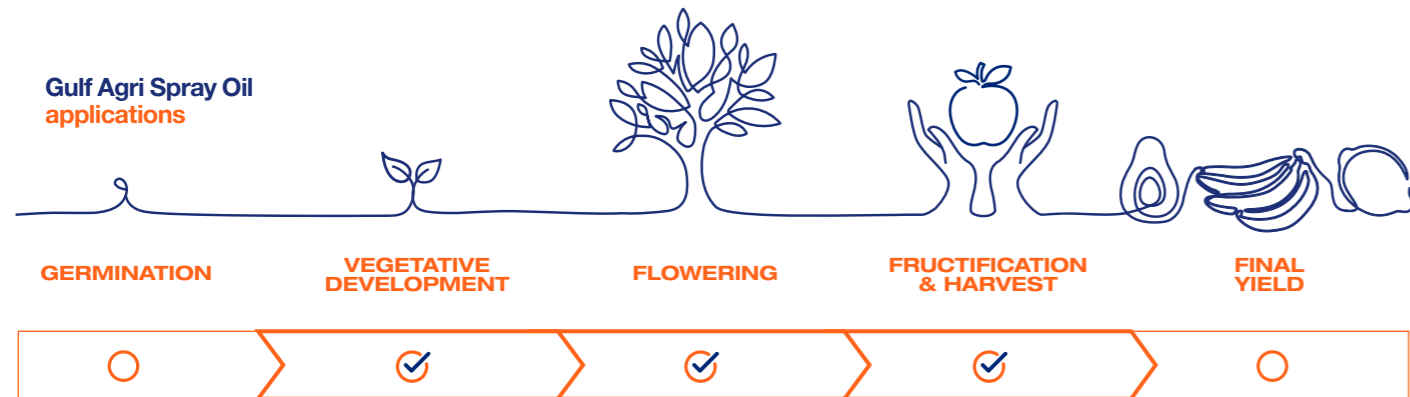


Crop protection is vital to get the most out of every yield, controlling insects, mites and certain fungi during the different stages of harvest.



Gulf Agri Spray Oils

Used alone or in combination with other products, Gulf Agri Spray Oils are a highly effective control for a broad range of crops and pests.



Most light oils (boiling point less than 179°C) are considered to be less effective or non-pesticidal because they don't remain on the plant long enough to suffocate the pests, while most heavy oils (boiling point greater than 296°C) are considered to be hazardous to plants.

Gulf Agri Spray Oils, on the other hand, offers the optimal 'narrow' range, providing superior pesticidal activity and durability without the hazards associated with heavier oils.

It forms a robust, thin layer of oil on the plant's surface, guarding against harmful insect pests and diseases, restricting oxygen to these harmful insects, suffocating the eggs and larvae under varying climate conditions.

Our spray oils offer low risk of phytotoxicity, allowing the plant a healthy growth for improved productivity.

Gulf Agri Spray Oils are in the optimal "narrow" range, providing superior pesticidal activity and durability without the hazards associated with heavier oils.



Optimal range oil droplets that remain on the plant for longer, restricting oxygen and eradicating pests effectively.



Why Pre-emulsified?

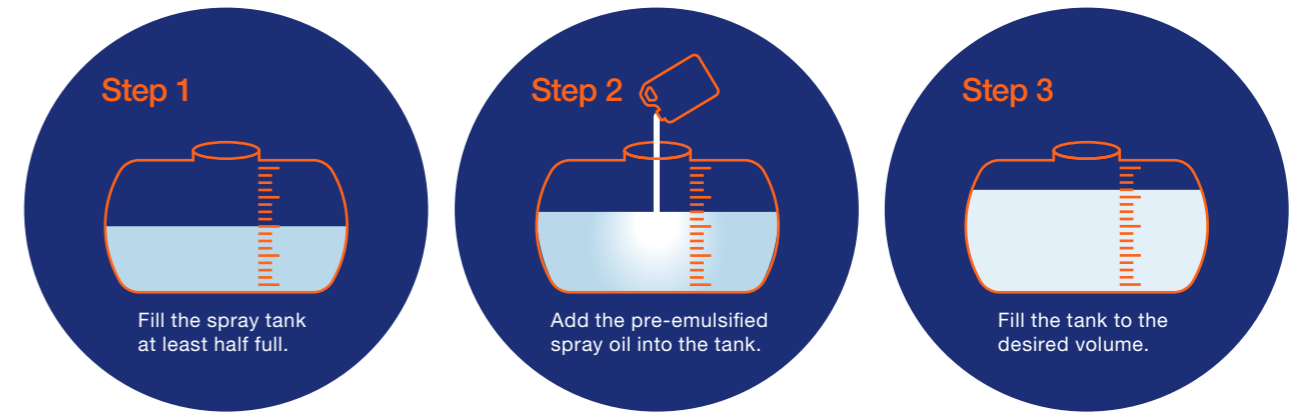
Agricultural spray oils are an effective and cost-efficient way of controlling pests, but their efficacy is directly related to how long the oil remains on plants.

Our pre-emulsified spray oils are becoming increasingly popular due to their superior product efficacy when compared to conventional spray oils.

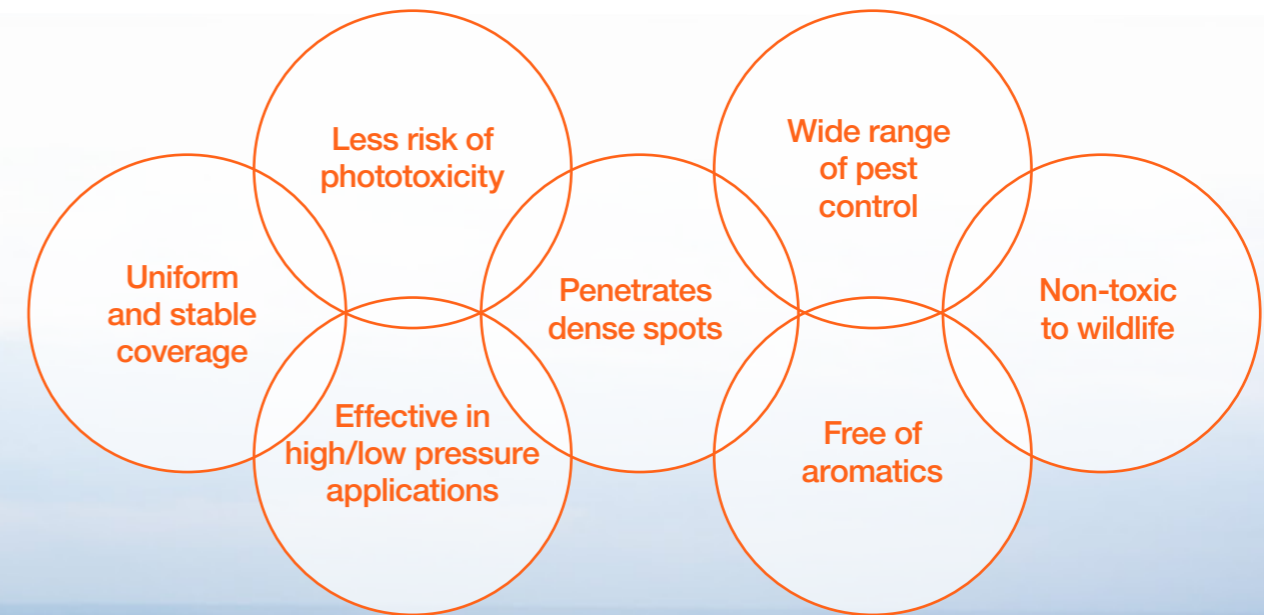
In comparison to convention spray oils, it easily and thoroughly dilutes with water in a spray tank, forming a stable, creamy emulsion that is effective even under high-speed shearing. This allows for a more uniform distribution of oil droplets on the plant and ensures that the sprayed material is coated with a consistent layer of oil, resulting in improved product efficacy.

These solutions also provide reliable protection against burning of the plant and fruits, offering low risk of phototoxicity and ensuring maximum plant protection for a healthy yield.

Preparing the application



Gulf pre-emulsified spray oil benefits



Gulf Agri Organic Spray Oil

Fruit Cure & Crop Protection Highly Refined Emulsifiable Oil

Gulf Agri Organic Spray Oil, an advanced highly refined Paraffin oil, protects even the most sensitive crops and is suitable for the organic application. **Bio Control+ Formula**, helps form a robust, thin layer of oil on the plant's surface, guarding against harmful insect pests and diseases.

It restricts oxygen to these harmful insects, suffocating the eggs and larvae under varying climate conditions.

With low impact on biodiversity, it provides improved sustainability, overall crop productivity and contributes towards a healthier yield.

Non-toxic to wildlife.

Properties

Gulf Agri Organic Spray Oil's latest biological control formula helps eliminate harmful predators naturally and has less harmful effect on beneficial insects compared to synthetic insecticides.

The highly refined emulsifiable Paraffin oil provides high level of protection against varying crops, insect pests and diseases, with low impact on biodiversity. This gives growers the benefit from improved sustainability and all round crop protection.

Its average distillation point is 212-226°C (415-430°F) which gives it less persistence in the plant and is in accordance with current regulations.

When acting by contact and suffocation, it does not develop resistance. Controls mealybugs, mites, psyllids, thrips, aphids, whitefly and fungi, among others.

Dose

0.8 -1.5% depending on the crop and time of application.
Consult label.



Improved Sustainability & PRODUCTIVITY



Improved
**YEAR-ROUND
PRODUCTIVITY**



Gulf Agri Premium Spray Oil

Fruit Cure & Crop Protection



Gulf Agri Premium Spray Oil, an advanced formulation with its **Crop Protection Technology** helps form a robust, thin layer of oil on the plant's surface, guarding against harmful insect pests and diseases. It restricts oxygen to these harmful insects, suffocating the eggs and larvae under varying climate conditions.

This Premium spray oil with its low phytotoxicity characteristics helps in the plant's healthy growth, helping to deliver farmers the maximum protection, allowing for improved productivity and profitability.

Properties

Fast breaking emulsifiable concentrate, high persistence, narrow range and 99% free of aromatic components. Specially developed for the efficient control of insects, mites and fungi in citrus, deciduous fruit trees, olive trees and vines, among others. The insecticidal action is produced physically, by three different routes simultaneously:

- By suffocation, blocking gas exchange in respiration, preventing the development of resistance in the insect.
- Due to wetting of the lipophilic cuticle, decreasing the reproductive capacity of the females.
- Dissolving the cuticle of the eggs and making it difficult for the larvae to attach to the leaves. Controls mealybugs, mites, psyllids, thrips, aphids, whitefly and fungi, among others.

Dose

1.0-1.5% depending on the crop and time of application.
Consult label.

Gulf Agri Premium Spray Oil complies with the requirements of the FDA Code of Federal Regulations.



Gulf Agri Summer & Winter Spray Oil

Fruit Cure & Crop Protection

For specific seasonal crop treatments, Gulf Agri Summer and Gulf Agri Winter Spray Oils are the ideal application solution.

With its **Crop Protection Technology**, a robust thin film of oil forms on the plant surface causing death of the insect by suffocation.

Its fast breaking emulsifiable mineral oil uses a special formulation to efficiently control insects and mite and certain fungi during the summer and winter season.

Offering the farmers the maximum protection during the required application season, allowing for improved productivity and profitability.

Summer properties

Gulf Agri Summer Spray Oil, specially formulated for hot and humid climate conditions, offers treatment to harvests that require instant protection from insects, mites and certain fungi, ensuring a productive harvest.

Our fast breaking and narrow range emulsifiable mineral is specifically designed for the control of mealybugs, aphids, spider mites and certain fungi in citrus, deciduous fruit trees and vines, among others.

Dose

From 40 to 60 litres of product per hectare, when applied with high volume equipment use from 1.25 to 1.5 litres of product per 100 litres of emulsion. Consult label.



Winter properties

Gulf Agri Winter Spray Oil, specially formulated to protect the crops during winter seasons, offers treatment to harvests that require instant protection from insects, mites and certain fungi, ensuring a productive harvest.

Our fast breaking and narrow range emulsifiable mineral is specifically designed for the control of mealybugs, aphids, spider mites and certain fungi in citrus, deciduous fruit trees and vines, among others.

Dose

From 60 to 80 litres of product per hectare. When applied with high volume equipment, use 2 to 3 litres of product for every 100 litres of emulsion. Consult label.





We go the extra mile, enabling agrochemical operators and farmers to enhance their crop protection for improved application efficacy and overall performance.

Together, we'll stop at nothing.

To find out more about any of our products and services, reach out to your local Gulf representative.

Email: marketing@gulfoilltd.com or visit: www.gulfoilltd.com

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