

Agricultural Sprayers Market by Type (Self-propelled, Tractor-mounted, Trailed, Handheld, Aerial), Capacity, Farm Size, Crop Type, Nozzle Type, Usage, Power Source (Fuel-based, Electric & Battery-driven, Manual, Solar), & Region - Global Forecast to 2027

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Abstracts

The global Agricultural sprayers is estimated at USD 2.5 Billion in 2022. It is projected to reach USD 3.5 Billion by 2027, recording a CAGR of 6.8% during the forecast period. Farming equipment are essential to enhance crop yield and cut down the labor cost. Over the past few years, Agricultural sprayers have become important for farmers or growers for spraying fertilizers, herbicides, and pesticides during the harvest time as per the need. Technological developments permit farmers to apply chemicals in an effective manner. Therefore, the market for agricultural sprayers has gained a momentum because change in farming techniques and technological adoption. Furthermore, growing importance on farm efficiency and productivity, increasing production of cereals & grains in Asian countries, and government support toward modern agricultural methodologies are some of the important factors driving the agricultural sprayers market growth.

“Asia Pacific is projected to witness the growth of 7.5% during the forecast period.”

In developing economies, the markets for agri-food products are rapidly changing, becoming increasingly open and homogenized toward international standards. Countries in Asia Pacific such as India, Australia, Japan, and others are traditional agricultural countries. These countries are adopting modern farming techniques and equipment such as tractor mounted sprayers along with new distribution channels are fueling the agricultural sprayers market in the Asia-Pacific region.

“Self-propelled agricultural sprayers dominate the market with 38.6% of total market share in value.”

One of the most used types of sprayers, self-propelled sprayers are easy to use and offers great flexibility in terms of nozzle types and height adjustment. Self-propelled sprayers are utilized to attain the large-scale productivity demand of crops. Self-propelled sprayers are attached with a selectable tank size, which can be increased or decreased depending on the farm size. The growing demand for wide coverage equipment on farms is anticipated to drive the self-propelled agricultural sprayers in near future.

“Growing application of aerial sprayers in large-sized farms to drive the market growth”

Larger farms that can afford to invest in large machinery can respond to soil moisture opportunities better by undertaking tillage and planting operations promptly. Handheld sprayers work with low pressures. This low pressure makes them slow and inefficient enough to use on large farms. Therefore, large-scale farmers and farming cooperation's prefer aerial sprayers. These sprayers easily manage to spray on large farm surfaces with minimal effort. Additionally, manufacturers are introducing various aerial sprayers to effectively manage the crop yield of farmers with large-size farms. In December 2021, China-based one of the key players in drone and camera technology Da-Jiang Innovation (DJI) unveiled agriculture drone DJI AGRAS T20 that offers enhanced spraying system for greater crop efficacy

Break-up of Primaries:

By Company Type: Tier 1 – 34.0%, Tier 2- 46.0%, Tier 3 – 20.0%

By Designation: Director – 40.0%, CXOs – 30.0%, and Others- 30.0%

By Region: North America – 45%, Europe – 30%, Asia Pacific – 20%, and RoW – 5%

Leading players profiled in this report:

John Deere (US)

CNH Industrial N.V. (UK)

Kubota Corporation (Japan)

Mahindra & Mahindra Ltd. (India)

STIHL (Germany)

AGCO Corporation (US)

Yamaha Motor Corp. (Japan)

Bucher Industries AG (Switzerland)

EXEL Industries (France)

Research Coverage:

The report segments the agricultural sprayers market on the basis of type, farm size, nozzle type, power source, capacity, crop type, and region. In terms of insights, this report has focused on various levels of analyses—the competitive landscape, end-use analysis, and company profiles, which together comprise and discuss views on the emerging & high-growth segments of the global agricultural sprayers, high-growth regions, countries, government initiatives, drivers, restraints, opportunities, and challenges.

Reasons to buy this report:

To get a comprehensive overview of the agricultural sprayers market

To gain wide-ranging information about the top players in this industry, their product portfolios, and key strategies adopted by them

To gain insights about the major countries/regions in which the agricultural sprayers market is flourishing

Contents

1 INTRODUCTION

1.1 STUDY OBJECTIVES

1.2 MARKET DEFINITION

1.3 STUDY SCOPE

FIGURE 1 MARKET SEGMENTATION

1.3.1 REGIONS COVERED

1.3.2 INCLUSIONS & EXCLUSIONS

TABLE 1 AGRICULTURAL SPRAYERS MARKET: INCLUSIONS & EXCLUSIONS

1.4 YEARS CONSIDERED

1.5 CURRENCY CONSIDERED

TABLE 2 USD EXCHANGE RATES CONSIDERED, 2018–2021

1.6 UNITS CONSIDERED

1.7 STAKEHOLDERS

1.8 SUMMARY OF CHANGES

2 RESEARCH METHODOLOGY

2.1 RESEARCH DATA

FIGURE 2 AGRICULTURAL SPRAYERS MARKET: RESEARCH DESIGN

2.1.1 SECONDARY DATA

2.1.1.1 Key data from secondary sources

2.1.2 PRIMARY DATA

2.1.2.1 Key data from primary sources

2.1.2.2 Breakdown of primaries

2.2 MARKET SIZE ESTIMATION

FIGURE 3 AGRICULTURAL SPRAYERS MARKET SIZE ESTIMATION, BY TYPE (SUPPLY-SIDE)

FIGURE 4 AGRICULTURAL SPRAYERS MARKET SIZE ESTIMATION (DEMAND-SIDE)

2.2.1 BOTTOM-UP APPROACH

FIGURE 5 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH

2.2.2 TOP-DOWN APPROACH

FIGURE 6 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH

2.3 DATA TRIANGULATION

FIGURE 7 MARKET BREAKDOWN & DATA TRIANGULATION

2.4 RESEARCH ASSUMPTIONS AND LIMITATIONS

2.4.1 ASSUMPTIONS

2.4.2 LIMITATIONS AND RISK ASSESSMENTS

3 EXECUTIVE SUMMARY

TABLE 3 AGRICULTURAL SPRAYERS MARKET SNAPSHOT, 2022 VS. 2027

FIGURE 8 AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022 VS. 2027 (USD MILLION)

FIGURE 9 AGRICULTURAL SPRAYERS MARKET SHARE (VALUE), BY FARM SIZE, 2022 VS. 2027

FIGURE 10 AGRICULTURAL SPRAYERS MARKET, BY POWER SOURCE, 2022 VS. 2027 (USD MILLION)

FIGURE 11 AGRICULTURAL SPRAYERS MARKET SHARE (VALUE), BY REGION, 2022

4 PREMIUM INSIGHTS

4.1 OPPORTUNITIES IN AGRICULTURAL SPRAYERS MARKET

FIGURE 12 EMERGING ECONOMIES OFFER ATTRACTIVE OPPORTUNITIES IN AGRICULTURAL SPRAYERS MARKET

4.2 AGRICULTURAL SPRAYERS MARKET: KEY COUNTRIES, 2021

FIGURE 13 INDIA EXPECTED TO GROW AT HIGHEST RATE

4.3 AGRICULTURAL SPRAYERS MARKET, BY CROP TYPE & REGION, 2021

FIGURE 14 CEREAL CROPS SEGMENT DOMINATED MARKET IN 2021

4.4 AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022 VS. 2027

FIGURE 15 SELF-PROPELLED SEGMENT EXPECTED TO DOMINATE MARKET IN 2022

4.5 AGRICULTURAL SPRAYERS MARKET, BY POWER SOURCE, 2022 VS. 2027

FIGURE 16 FUEL-BASED SEGMENT EXPECTED TO DOMINATE MARKET IN 2022

4.6 ASIA PACIFIC: AGRICULTURAL SPRAYERS MARKET, BY CAPACITY & COUNTRY, 2021

FIGURE 17 CHINA EXPECTED ACCOUNTED FOR LARGEST SHARE IN 2021

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MACROECONOMIC INDICATORS

5.2.1 INCREASE IN DEMAND FOR ARABLE LAND

TABLE 4 LAND WITH RAINFED CROP PRODUCTION POTENTIAL, BY

REGION/GROUP, 2018

5.3 MARKET DYNAMICS

FIGURE 18 MARKET DYNAMICS: AGRICULTURAL SPRAYERS

5.3.1 DRIVERS

5.3.1.1 Increasing focus on farm efficiency and productivity

5.3.1.2 Increase in farm size

5.3.1.3 Government support for modern agricultural techniques

5.3.1.4 Increase in mechanization of agricultural activities

FIGURE 19 LEVEL OF MECHANIZATION OF AGRICULTURE, BY COUNTRY, 2018

5.3.2 RESTRAINTS

5.3.2.1 High capital investments in modern agricultural equipment

5.3.3 OPPORTUNITIES

5.3.3.1 Growth in precision and other modern farming practices

5.3.3.2 Growth of agriculture in developing economies

FIGURE 20 ASIA: GROSS AGRICULTURE PRODUCTION INDEX, 2015–2018

5.3.4 CHALLENGES

5.3.4.1 Risks associated with spray drift

6 INDUSTRY TRENDS

6.1 INTRODUCTION

6.2 VALUE CHAIN ANALYSIS

FIGURE 21 AGRICULTURAL SPRAYERS MARKET: VALUE CHAIN ANALYSIS

6.2.1 RAW MATERIALS

6.2.2 RESEARCH & DEVELOPMENT

6.2.3 MANUFACTURING

6.2.4 DISTRIBUTION, MARKETING & SALES, AND END USERS

6.3 TECHNOLOGY ANALYSIS

6.3.1 VARIABLE RATE TECHNOLOGY

6.3.2 MAGNETIC SPRAYING

6.3.3 ARTIFICIAL INTELLIGENCE AND IOT

6.4 PRICING ANALYSIS

6.4.1 AVERAGE SELLING PRICE TREND ANALYSIS

FIGURE 22 AVERAGE SELLING PRICE FOR AGRICULTURAL SPRAYERS MARKET, BY REGION, 2018-2021 (USD PER UNIT)

6.4.2 AVERAGE SELLING PRICE TREND ANALYSIS, BY CAPACITY

FIGURE 23 AVERAGE SELLING PRICE FOR AGRICULTURAL SPRAYERS MARKET, BY CAPACITY, 2018-2021 (USD PER UNIT)

6.5 PATENT ANALYSIS

FIGURE 24 PATENTS GRANTED FOR AGRICULTURAL SPRAYERS MARKET, 2011-2021

FIGURE 25 REGIONAL ANALYSIS OF PATENTS GRANTED FOR AGRICULTURAL SPRAYERS MARKET, 2011-2021

TABLE 5 KEY PATENTS PERTAINING TO AGRICULTURAL SPRAYERS MARKET, 2019-2022

6.6 MARKET MAP

6.6.1 MARKET MAP

FIGURE 26 AGRICULTURAL SPRAYERS MARKET: MARKET MAP

TABLE 6 AGRICULTURAL SPRAYERS MARKET ECOSYSTEM

6.7 TARIFF AND REGULATORY LANDSCAPE

6.7.1 REGULATORY FRAMEWORKS

6.7.1.1 Asia Pacific

6.7.1.2 North America

6.7.1.3 Europe

6.7.1.4 South America

6.7.1.5 Rest of the World

6.7.2 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 7 NORTH AMERICA: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 8 EUROPE: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 9 ASIA PACIFIC: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 10 REST OF THE WORLD: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

6.7.3 TRENDS/DISRUPTIONS IMPACTING CUSTOMER BUSINESSES

FIGURE 27 REVENUE SHIFT FOR AGRICULTURAL SPRAYERS MARKET

6.8 CASE STUDY ANALYSIS

6.8.1 ARABLE CROP SPRAYER TECHNOLOGY DELIVERING NOVEL TECHNOLOGY AND SYSTEMS

6.8.2 VARIABLE-RATE AGRICULTURE BY AGCO USING INTERNET OF THINGS TECHNOLOGY

6.9 KEY STAKEHOLDERS AND BUYING CRITERIA

6.9.1 KEY STAKEHOLDERS IN BUYING PROCESS

FIGURE 28 INFLUENCE OF STAKEHOLDERS IN BUYING AGRICULTURAL SPRAYERS FOR DIFFERENT FARM SIZES

TABLE 11 INFLUENCE OF STAKEHOLDERS IN BUYING AGRICULTURAL

SPRAYERS FOR DIFFERENT FARM SIZES (BY PERCENTAGE)

6.9.2 BUYING CRITERIA

FIGURE 29 KEY BUYING CRITERIA FOR AGRICULTURAL SPRAYER TYPES

TABLE 12 KEY BUYING CRITERIA FOR AGRICULTURAL SPRAYER TYPES

7 AGRICULTURAL SPRAYERS MARKET, BY NOZZLE TYPE

7.1 INTRODUCTION

7.2 HYDRAULIC NOZZLE

7.2.1 PRESSURE PUMPS USED IN HYDRAULIC NOZZLES PROVIDE MORE COVERAGE WITH LESSER LIQUID CONTENT

7.3 GASEOUS NOZZLE

7.3.1 GASEOUS NOZZLES HELP FARMERS MONITOR AMOUNT OF LIQUID ADMINISTERED INTO FIELD

7.4 CENTRIFUGAL NOZZLE

7.4.1 CENTRIFUGAL NOZZLES IN DRONES MAKE FOR INNOVATIVE NOZZLE SPRAY TECHNOLOGY

7.5 THERMAL NOZZLE

7.5.1 THERMAL NOZZLES WIDELY USED TO OBTAIN MIST APPLICATION FOR CROPS

8 AGRICULTURAL SPRAYERS MARKET, BY TYPE

8.1 INTRODUCTION

FIGURE 30 SELF-PROPELLED SEGMENT EXPECTED TO DOMINATE AGRICULTURAL SPRAYERS MARKET BY 2027

TABLE 13 AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021 (USD MILLION)

TABLE 14 AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027 (USD MILLION)

TABLE 15 AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021 (THOUSAND UNITS)

TABLE 16 AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027 (THOUSAND UNITS)

8.2 SELF-PROPELLED

8.2.1 USE OF SELF-PROPELLED SPRAYERS FOR LARGE-SCALE CROP PRODUCTION

TABLE 17 SELF-PROPELLED AGRICULTURAL SPRAYERS MARKET, BY REGION, 2018–2021 (USD MILLION)

TABLE 18 SELF-PROPELLED AGRICULTURAL SPRAYERS MARKET, BY REGION, 2022–2027 (USD MILLION)

TABLE 19 SELF-PROPELLED AGRICULTURAL SPRAYERS MARKET, BY REGION, 2018–2021 (THOUSAND UNITS)

TABLE 20 SELF-PROPELLED AGRICULTURAL SPRAYERS MARKET, BY REGION, 2022–2027 (THOUSAND UNITS)

TABLE 21 SELF-PROPELLED AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021 (USD MILLION)

TABLE 22 SELF-PROPELLED AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027 (USD MILLION)

8.3 TRACTOR-MOUNTED

8.3.1 BETTER MANEUVERABILITY OF TRACTOR-MOUNTED SPRAYERS

TABLE 23 TRACTOR-MOUNTED AGRICULTURAL SPRAYERS MARKET, BY REGION, 2018–2021 (USD MILLION)

TABLE 24 TRACTOR-MOUNTED AGRICULTURAL SPRAYERS MARKET, BY REGION, 2022–2027 (USD MILLION)

TABLE 25 TRACTOR-MOUNTED AGRICULTURAL SPRAYERS MARKET, BY REGION, 2018–2021 (THOUSAND UNITS)

TABLE 26 TRACTOR-MOUNTED AGRICULTURAL SPRAYERS MARKET, BY REGION, 2022–2027 (THOUSAND UNITS)

8.4 TRAILED

8.4.1 GREATER TANK CAPACITY OF TRAILED SPRAYERS

TABLE 27 TRAILED AGRICULTURAL SPRAYERS MARKET, BY REGION, 2018–2021 (USD MILLION)

TABLE 28 TRAILED AGRICULTURAL SPRAYERS MARKET, BY REGION, 2022–2027 (USD MILLION)

TABLE 29 TRAILED AGRICULTURAL SPRAYERS MARKET, BY REGION, 2018–2021 (THOUSAND UNITS)

TABLE 30 TRAILED AGRICULTURAL SPRAYERS MARKET, BY REGION, 2022–2027 (THOUSAND UNITS)

8.5 HANDHELD

8.5.1 COST-EFFECTIVE HANDHELD SPRAYERS PREFERRED BY SMALL FARMERS

TABLE 31 HANDHELD AGRICULTURAL SPRAYERS MARKET, BY REGION, 2018–2021 (USD MILLION)

TABLE 32 HANDHELD AGRICULTURAL SPRAYERS MARKET, BY REGION, 2022–2027 (USD MILLION)

TABLE 33 HANDHELD AGRICULTURAL SPRAYERS MARKET, BY REGION, 2018–2021 (THOUSAND UNITS)

TABLE 34 HANDHELD AGRICULTURAL SPRAYERS MARKET, BY REGION,
2022–2027 (THOUSAND UNITS)

8.6 AERIAL

8.6.1 COST AND TIME-EFFECTIVENESS OF AERIAL SPRAYERS

TABLE 35 AERIAL AGRICULTURAL SPRAYERS MARKET, BY REGION, 2018–2021
(USD MILLION)

TABLE 36 AERIAL AGRICULTURAL SPRAYERS MARKET, BY REGION, 2022–2027
(USD MILLION)

TABLE 37 AERIAL AGRICULTURAL SPRAYERS MARKET, BY REGION, 2018–2021
(THOUSAND UNITS)

TABLE 38 AERIAL AGRICULTURAL SPRAYERS MARKET, BY REGION, 2022–2027
(THOUSAND UNITS)

9 AGRICULTURAL SPRAYERS MARKET, BY POWER SOURCE

9.1 INTRODUCTION

FIGURE 31 FUEL-BASED SEGMENT EXPECTED TO DOMINATE AGRICULTURAL
SPRAYERS MARKET BY 2027

TABLE 39 AGRICULTURAL SPRAYERS MARKET, BY POWER SOURCE, 2018–2021
(USD MILLION)

TABLE 40 AGRICULTURAL SPRAYERS MARKET, BY POWER SOURCE, 2022–2027
(USD MILLION)

TABLE 41 AGRICULTURAL SPRAYERS MARKET, BY POWER SOURCE, 2018–2021
(THOUSAND UNITS)

TABLE 42 AGRICULTURAL SPRAYERS MARKET, BY POWER SOURCE, 2022–2027
(THOUSAND UNITS)

9.2 FUEL-BASED

9.2.1 FUEL-BASED SPRAYERS USED FOR HIGH VOLUME SPRAYING
TECHNOLOGIES

TABLE 43 FUEL-BASED AGRICULTURAL SPRAYERS MARKET, BY REGION,
2018–2021 (USD MILLION)

TABLE 44 FUEL-BASED AGRICULTURAL SPRAYERS MARKET, BY REGION,
2022–2027 (USD MILLION)

TABLE 45 FUEL-BASED AGRICULTURAL SPRAYERS MARKET, BY REGION,
2018–2021 (THOUSAND UNITS)

TABLE 46 FUEL-BASED AGRICULTURAL SPRAYERS MARKET, BY REGION,
2022–2027 (THOUSAND UNITS)

9.3 ELECTRIC AND BATTERY-DRIVEN

9.3.1 COST-EFFICIENCY OF ELECTRIC AND BATTERY-DRIVEN SPRAYERS

TABLE 47 ELECTRIC AND BATTERY-DRIVEN AGRICULTURAL SPRAYERS MARKET, BY REGION, 2018–2021 (USD MILLION)

TABLE 48 ELECTRIC AND BATTERY-DRIVEN AGRICULTURAL SPRAYERS MARKET, BY REGION, 2022–2027 (USD MILLION)

TABLE 49 ELECTRIC AND BATTERY-DRIVEN AGRICULTURAL SPRAYERS MARKET, BY REGION, 2018–2021 (THOUSAND UNITS)

TABLE 50 ELECTRIC AND BATTERY-DRIVEN AGRICULTURAL SPRAYERS MARKET, BY REGION, 2022–2027 (THOUSAND UNITS)

9.4 MANUAL

9.4.1 USE OF MANUAL SPRAYERS FOR SMALL-SIZED APPLICATIONS

TABLE 51 MANUAL AGRICULTURAL SPRAYERS MARKET, BY REGION, 2018–2021 (USD MILLION)

TABLE 52 MANUAL AGRICULTURAL SPRAYERS MARKET, BY REGION, 2022–2027 (USD MILLION)

TABLE 53 MANUAL AGRICULTURAL SPRAYERS MARKET, BY REGION, 2018–2021 (THOUSAND UNITS)

TABLE 54 MANUAL AGRICULTURAL SPRAYERS MARKET, BY REGION, 2022–2027 (THOUSAND UNITS)

9.5 SOLAR

9.5.1 SUSTAINABILITY AND ENVIRONMENTAL-FRIENDLY CHARACTERISTICS OF SOLAR SPRAYERS

TABLE 55 SOLAR AGRICULTURAL SPRAYERS MARKET, BY REGION, 2018–2021 (USD MILLION)

TABLE 56 SOLAR AGRICULTURAL SPRAYERS MARKET, BY REGION, 2022–2027 (USD MILLION)

TABLE 57 SOLAR AGRICULTURAL SPRAYERS MARKET, BY REGION, 2018–2021 (THOUSAND UNITS)

TABLE 58 SOLAR AGRICULTURAL SPRAYERS MARKET, BY REGION, 2022–2027 (THOUSAND UNITS)

10 AGRICULTURAL SPRAYERS MARKET, BY CAPACITY

10.1 INTRODUCTION

FIGURE 32 LOW VOLUME SPRAYERS SEGMENT EXPECTED TO DOMINATE AGRICULTURAL SPRAYERS MARKET BY 2027

TABLE 59 AGRICULTURAL SPRAYERS MARKET, BY CAPACITY, 2018–2021 (USD MILLION)

TABLE 60 AGRICULTURAL SPRAYERS MARKET, BY CAPACITY, 2022–2027 (USD MILLION)

TABLE 61 AGRICULTURAL SPRAYERS MARKET, BY CAPACITY, 2018–2021
(THOUSAND UNITS)

TABLE 62 AGRICULTURAL SPRAYERS MARKET, BY CAPACITY, 2022–2027
(THOUSAND UNITS)

10.2 LOW VOLUME

10.2.1 WIDER COVERAGE AND GOOD PENETRATION OF LOW VOLUME
SPRAYERS

TABLE 63 LOW VOLUME AGRICULTURAL SPRAYERS MARKET, BY REGION,
2018–2021 (USD MILLION)

TABLE 64 LOW VOLUME AGRICULTURAL SPRAYERS MARKET, BY REGION,
2022–2027 (USD MILLION)

TABLE 65 LOW VOLUME AGRICULTURAL SPRAYERS MARKET, BY REGION,
2018–2021 (THOUSAND UNITS)

TABLE 66 LOW VOLUME AGRICULTURAL SPRAYERS MARKET, BY REGION,
2022–2027 (THOUSAND UNITS)

10.3 HIGH VOLUME

10.3.1 USE OF SELF-PROPELLED, TRACTOR-MOUNTED, AND TRAILED
SPRAYERS FOR DISPENSING HIGH VOLUME SPRAYS

TABLE 67 HIGH VOLUME AGRICULTURAL SPRAYERS MARKET, BY REGION,
2018–2021 (USD MILLION)

TABLE 68 HIGH VOLUME AGRICULTURAL SPRAYERS MARKET, BY REGION,
2022–2027 (USD MILLION)

TABLE 69 HIGH VOLUME AGRICULTURAL SPRAYERS MARKET, BY REGION,
2018–2021 (THOUSAND UNITS)

TABLE 70 HIGH VOLUME AGRICULTURAL SPRAYERS MARKET, BY REGION,
2022–2027 (THOUSAND UNITS)

10.4 ULTRA-LOW VOLUME

10.4.1 ADOPTION OF ULTRA-LOW VOLUME SPRAYERS BY SMALL-SCALE
FARMERS AND PRIVATE HOUSEHOLDS

TABLE 71 ULTRA-LOW VOLUME AGRICULTURAL SPRAYERS MARKET, BY
REGION, 2018–2021 (USD MILLION)

TABLE 72 ULTRA-LOW VOLUME AGRICULTURAL SPRAYERS MARKET, BY
REGION, 2022–2027 (USD MILLION)

TABLE 73 ULTRA-LOW VOLUME AGRICULTURAL SPRAYERS MARKET, BY
REGION, 2018–2021 (THOUSAND UNITS)

TABLE 74 ULTRA-LOW VOLUME AGRICULTURAL SPRAYERS MARKET, BY
REGION, 2022–2027 (THOUSAND UNITS)

11 AGRICULTURAL SPRAYERS MARKET, BY FARM SIZE

11.1 INTRODUCTION

FIGURE 33 MEDIUM-SIZED SEGMENT TO DOMINATE AGRICULTURAL SPRAYERS MARKET THROUGH 2027

TABLE 75 AGRICULTURAL SPRAYERS MARKET, BY FARM SIZE, 2018–2021 (USD MILLION)

TABLE 76 AGRICULTURAL SPRAYERS MARKET, BY FARM SIZE, 2022–2027 (USD MILLION)

TABLE 77 AGRICULTURAL SPRAYERS MARKET, BY FARM SIZE, 2018–2021 (THOUSAND UNITS)

TABLE 78 AGRICULTURAL SPRAYERS MARKET, BY FARM SIZE, 2022–2027 (THOUSAND UNITS)

11.2 MEDIUM-SIZED

11.2.1 HIGH ADOPTION OF SELF-PROPELLED, TRACTOR-MOUNTED, AND TRAILED SPRAYERS IN MEDIUM FARMS

TABLE 79 AGRICULTURAL SPRAYERS MARKET FOR MEDIUM-SIZED FARMS, BY REGION, 2018–2021 (USD MILLION)

TABLE 80 AGRICULTURAL SPRAYERS MARKET FOR MEDIUM-SIZED FARMS, BY REGION, 2022–2027 (USD MILLION)

TABLE 81 AGRICULTURAL SPRAYERS MARKET FOR MEDIUM-SIZED FARMS, BY REGION, 2018–2021 (THOUSAND UNITS)

TABLE 82 AGRICULTURAL SPRAYERS MARKET FOR MEDIUM-SIZED FARMS, BY REGION, 2022–2027 (THOUSAND UNITS)

11.3 LARGE

11.3.1 INCREASE IN APPLICATION OF AERIAL SPRAYERS IN LARGE-SIZED FARMS

TABLE 83 AGRICULTURAL SPRAYERS MARKET FOR LARGE FARMS, BY REGION, 2018–2021 (USD MILLION)

TABLE 84 AGRICULTURAL SPRAYERS MARKET FOR LARGE FARMS, BY REGION, 2022–2027 (USD MILLION)

TABLE 85 AGRICULTURAL SPRAYERS MARKET FOR LARGE FARMS, BY REGION, 2018–2021 (THOUSAND UNITS)

TABLE 86 AGRICULTURAL SPRAYERS MARKET FOR LARGE FARMS, BY REGION, 2022–2027 (THOUSAND UNITS)

11.4 SMALL

11.4.1 HANDHELD (MANUAL) SPRAYERS MOSTLY USED IN SMALL-SIZED FARMS DUE TO THEIR AFFORDABILITY AND EASY AVAILABILITY

TABLE 87 AGRICULTURAL SPRAYERS MARKET FOR SMALL FARMS, BY REGION, 2018–2021 (USD MILLION)

TABLE 88 AGRICULTURAL SPRAYERS MARKET FOR SMALL FARMS, BY REGION, 2022–2027 (USD MILLION)

TABLE 89 AGRICULTURAL SPRAYERS MARKET FOR SMALL FARMS, BY REGION, 2018–2021 (THOUSAND UNITS)

TABLE 90 AGRICULTURAL SPRAYERS MARKET FOR SMALL FARMS, BY REGION, 2022–2027 (THOUSAND UNITS)

12 AGRICULTURAL SPRAYERS MARKET, BY CROP TYPE

12.1 INTRODUCTION

FIGURE 34 CEREALS SEGMENT EXPECTED TO DOMINATE AGRICULTURAL SPRAYERS MARKET THROUGH 2027

TABLE 91 AGRICULTURAL SPRAYERS MARKET, BY CROP TYPE, 2018–2021 (USD MILLION)

TABLE 92 AGRICULTURAL SPRAYERS MARKET, BY CROP TYPE, 2022–2027 (USD MILLION)

12.2 CEREALS

12.2.1 INCREASING DEMAND FOR CEREALS AND GRAINS

TABLE 93 AGRICULTURAL SPRAYERS MARKET FOR CEREALS, BY REGION, 2018–2021 (USD MILLION)

TABLE 94 AGRICULTURAL SPRAYERS MARKET FOR CEREALS, BY REGION, 2022–2027 (USD MILLION)

TABLE 95 AGRICULTURAL SPRAYERS MARKET, BY CEREAL, 2018–2021 (USD MILLION)

TABLE 96 AGRICULTURAL SPRAYERS MARKET, BY CEREAL, 2022–2027 (USD MILLION)

12.2.2 MAIZE

12.2.3 WHEAT

12.2.4 OTHER CEREALS AND GRAINS

12.3 OILSEEDS

12.3.1 INCREASE IN DEMAND FOR HIGH-YIELDING AND DISEASE-RESISTANT OILSEEDS

TABLE 97 AGRICULTURAL SPRAYERS MARKET FOR OILSEEDS, BY REGION, 2018–2021 (USD MILLION)

TABLE 98 AGRICULTURAL SPRAYERS MARKET FOR OILSEEDS, BY REGION, 2022–2027 (USD MILLION)

TABLE 99 AGRICULTURAL SPRAYERS MARKET, BY OILSEED, 2018–2021 (USD MILLION)

TABLE 100 AGRICULTURAL SPRAYERS MARKET, BY OILSEED, 2022–2027 (USD MILLION)

MILLION)

12.3.2 SOYBEAN

12.3.3 RAPESEED/CANOLA

12.3.4 SUNFLOWER AND COTTONSEED

12.3.5 OTHER OILSEEDS

12.4 FRUITS AND VEGETABLES

12.4.1 HIGHER CULTIVATION OF FRUITS AND VEGETABLES UNDER CONTROLLED CONDITIONS DRIVING USAGE OF AGRICULTURAL SPRAYERS

TABLE 101 AGRICULTURAL SPRAYERS MARKET FOR FRUITS AND VEGETABLES, BY REGION, 2018–2021 (USD MILLION)

TABLE 102 AGRICULTURAL SPRAYERS MARKET FOR FRUITS AND VEGETABLES, BY REGION, 2022–2027 (USD MILLION)

12.5 OTHER CROP TYPES

TABLE 103 AGRICULTURAL SPRAYERS MARKET FOR OTHER CROPS, BY REGION, 2018–2021 (USD MILLION)

TABLE 104 AGRICULTURAL SPRAYERS MARKET FOR OTHER CROPS, BY REGION, 2022–2027 (USD MILLION)

13 AGRICULTURAL SPRAYERS MARKET, BY USAGE

13.1 INTRODUCTION

13.2 FIELD SPRAYERS

13.2.1 FIELD SPRAYERS - AN IMPORTANT TOOL FOR CROP PROTECTION

13.3 ORCHARD SPRAYERS

13.3.1 ORCHARD SPRAYERS COVERING A LARGER AREA WITH LESS LABOR

14 AGRICULTURAL SPRAYERS MARKET, BY REGION

14.1 INTRODUCTION

FIGURE 35 INDIA EXPECTED TO GROW AT FASTEST RATE DURING FORECAST PERIOD

TABLE 105 AGRICULTURAL SPRAYERS MARKET, BY REGION, 2018–2021 (USD MILLION)

TABLE 106 AGRICULTURAL SPRAYERS MARKET, BY REGION, 2022–2027 (USD MILLION)

TABLE 107 AGRICULTURAL SPRAYERS MARKET, BY REGION, 2018–2021 (THOUSAND UNITS)

TABLE 108 AGRICULTURAL SPRAYERS MARKET, BY REGION, 2022–2027 (THOUSAND UNITS)

14.2 ASIA PACIFIC

FIGURE 36 ASIA PACIFIC: AGRICULTURAL SPRAYERS MARKET SNAPSHOT

TABLE 109 ASIA PACIFIC: AGRICULTURAL SPRAYERS MARKET, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 110 ASIA PACIFIC: AGRICULTURAL SPRAYERS MARKET, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 111 ASIA PACIFIC: AGRICULTURAL SPRAYERS MARKET, BY COUNTRY, 2018–2021 (THOUSAND UNITS)

TABLE 112 ASIA PACIFIC: AGRICULTURAL SPRAYERS MARKET, BY COUNTRY, 2022–2027 (THOUSAND UNITS)

TABLE 113 ASIA PACIFIC: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021 (USD MILLION)

TABLE 114 ASIA PACIFIC: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027 (USD MILLION)

TABLE 115 ASIA PACIFIC: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021 (THOUSAND UNITS)

TABLE 116 ASIA PACIFIC: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027 (THOUSAND UNITS)

TABLE 117 ASIA PACIFIC: AGRICULTURAL SPRAYERS MARKET, BY CAPACITY, 2018–2021 (USD MILLION)

TABLE 118 ASIA PACIFIC: AGRICULTURAL SPRAYERS MARKET, BY CAPACITY, 2022–2027 (USD MILLION)

TABLE 119 ASIA PACIFIC: AGRICULTURAL SPRAYERS MARKET, BY CAPACITY, 2018–2021 (THOUSAND UNITS)

TABLE 120 ASIA PACIFIC: AGRICULTURAL SPRAYERS MARKET, BY CAPACITY, 2022–2027 (THOUSAND UNITS)

TABLE 121 ASIA PACIFIC: AGRICULTURAL SPRAYERS MARKET, BY FARM SIZE, 2018–2021 (USD MILLION)

TABLE 122 ASIA PACIFIC: AGRICULTURAL SPRAYERS MARKET, BY FARM SIZE, 2022–2027 (USD MILLION)

TABLE 123 ASIA PACIFIC: AGRICULTURAL SPRAYERS MARKET, BY FARM SIZE, 2018–2021 (THOUSAND UNITS)

TABLE 124 ASIA PACIFIC: AGRICULTURAL SPRAYERS MARKET, BY FARM SIZE, 2022–2027 (THOUSAND UNITS)

TABLE 125 ASIA PACIFIC: AGRICULTURAL SPRAYERS MARKET, BY CROP TYPE, 2018–2021 (USD MILLION)

TABLE 126 ASIA PACIFIC: AGRICULTURAL SPRAYERS MARKET, BY CROP TYPE, 2022–2027 (USD MILLION)

TABLE 127 ASIA PACIFIC: AGRICULTURAL SPRAYERS MARKET, BY POWER

SOURCE, 2018–2021 (USD MILLION)

TABLE 128 ASIA PACIFIC: AGRICULTURAL SPRAYERS MARKET, BY POWER SOURCE, 2022–2027 (USD MILLION)

TABLE 129 ASIA PACIFIC: AGRICULTURAL SPRAYERS MARKET, BY POWER SOURCE, 2018–2021 (THOUSAND UNITS)

TABLE 130 ASIA PACIFIC: AGRICULTURAL SPRAYERS MARKET, BY POWER SOURCE, 2022–2027 (THOUSAND UNITS)

14.2.1 CHINA

14.2.1.1 Country's heavy reliance on agriculture persuading government to adopt advanced technologies and machinery

TABLE 131 CHINA: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021 (USD MILLION)

TABLE 132 CHINA: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027 (USD MILLION)

TABLE 133 CHINA: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021 (THOUSAND UNITS)

TABLE 134 CHINA: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027 (THOUSAND UNITS)

14.2.2 INDIA

14.2.2.1 Demand for agricultural sprayers expected to rise with rising demand for food

TABLE 135 INDIA: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021 (USD MILLION)

TABLE 136 INDIA: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027 (USD MILLION)

TABLE 137 INDIA: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021 (THOUSAND UNITS)

TABLE 138 INDIA: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027 (THOUSAND UNITS)

14.2.3 JAPAN

14.2.3.1 Country's highly industrialized and developed agricultural sprayers industry

TABLE 139 JAPAN: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021 (USD MILLION)

TABLE 140 JAPAN: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027 (USD MILLION)

TABLE 141 JAPAN: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021 (THOUSAND UNITS)

TABLE 142 JAPAN: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027 (THOUSAND UNITS)

14.2.4 AUSTRALIA

14.2.4.1 Agriculture contributing to country's GDP and promoting mechanization

TABLE 143 AUSTRALIA: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021 (USD MILLION)

TABLE 144 AUSTRALIA: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027 (USD MILLION)

TABLE 145 AUSTRALIA: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021 (THOUSAND UNITS)

TABLE 146 AUSTRALIA: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027 (THOUSAND UNITS)

14.2.5 THAILAND

14.2.5.1 Government's focus on developing agricultural sector by emphasizing automation

TABLE 147 THAILAND: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021 (USD MILLION)

TABLE 148 THAILAND: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027 (USD MILLION)

TABLE 149 THAILAND: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021 (THOUSAND UNITS)

TABLE 150 THAILAND: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027 (THOUSAND UNITS)

14.2.6 REST OF ASIA PACIFIC

TABLE 151 REST OF ASIA PACIFIC: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021 (USD MILLION)

TABLE 152 REST OF ASIA PACIFIC: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027 (USD MILLION)

TABLE 153 REST OF ASIA PACIFIC: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021 (THOUSAND UNITS)

TABLE 154 REST OF ASIA PACIFIC: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027 (THOUSAND UNITS)

14.3 NORTH AMERICA

TABLE 155 NORTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 156 NORTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 157 NORTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY COUNTRY, 2018–2021 (THOUSAND UNITS)

TABLE 158 NORTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY COUNTRY, 2022–2027 (THOUSAND UNITS)

TABLE 159 NORTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021 (USD MILLION)

TABLE 160 NORTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027 (USD MILLION)

TABLE 161 NORTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021 (THOUSAND UNITS)

TABLE 162 NORTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027 (THOUSAND UNITS)

TABLE 163 NORTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY CAPACITY, 2018–2021 (USD MILLION)

TABLE 164 NORTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY CAPACITY, 2022–2027 (USD MILLION)

TABLE 165 NORTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY CAPACITY, 2018–2021 (THOUSAND UNITS)

TABLE 166 NORTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY CAPACITY, 2022–2027 (THOUSAND UNITS)

TABLE 167 NORTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY FARM SIZE, 2018–2021 (USD MILLION)

TABLE 168 NORTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY FARM SIZE, 2022–2027 (USD MILLION)

TABLE 169 NORTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY FARM SIZE, 2018–2021 (THOUSAND UNITS)

TABLE 170 NORTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY FARM SIZE, 2022–2027 (THOUSAND UNITS)

TABLE 171 NORTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY CROP TYPE, 2018–2021 (USD MILLION)

TABLE 172 NORTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY CROP TYPE, 2022–2027 (USD MILLION)

TABLE 173 NORTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY POWER SOURCE, 2018–2021 (USD MILLION)

TABLE 174 NORTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY POWER SOURCE, 2022–2027 (USD MILLION)

TABLE 175 NORTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY POWER SOURCE, 2018–2021 (THOUSAND UNITS)

TABLE 176 NORTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY POWER SOURCE, 2022–2027 (THOUSAND UNITS)

14.3.1 US

14.3.1.1 Increasing shift toward precision agriculture

TABLE 177 US: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021 (USD

MILLION)

TABLE 178 US: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027 (USD MILLION)

TABLE 179 US: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021 (THOUSAND UNITS)

TABLE 180 US: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027 (THOUSAND UNITS)

14.3.2 CANADA

14.3.2.1 Improved efficiency through use of agricultural sprayers

TABLE 181 CANADA: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021 (USD MILLION)

TABLE 182 CANADA: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027 (USD MILLION)

TABLE 183 CANADA: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021 (THOUSAND UNITS)

TABLE 184 CANADA: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027 (THOUSAND UNITS)

14.3.3 MEXICO

14.3.3.1 Increasing agricultural activities offering opportunities to agricultural sprayers

TABLE 185 MEXICO: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021 (USD MILLION)

TABLE 186 MEXICO: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027 (USD MILLION)

TABLE 187 MEXICO: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021 (THOUSAND UNITS)

TABLE 188 MEXICO: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027 (THOUSAND UNITS)

14.4 EUROPE

TABLE 189 EUROPE: AGRICULTURAL SPRAYERS MARKET, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 190 EUROPE: AGRICULTURAL SPRAYERS MARKET, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 191 EUROPE: AGRICULTURAL SPRAYERS MARKET, BY COUNTRY, 2018–2021 (THOUSAND UNITS)

TABLE 192 EUROPE: AGRICULTURAL SPRAYERS MARKET, BY COUNTRY, 2022–2027 (THOUSAND UNITS)

TABLE 193 EUROPE: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021 (USD MILLION)

TABLE 194 EUROPE: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027

(USD MILLION)

TABLE 195 EUROPE: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021
(THOUSAND UNITS)

TABLE 196 EUROPE: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027
(THOUSAND UNITS)

TABLE 197 EUROPE: AGRICULTURAL SPRAYERS MARKET, BY CAPACITY,
2018–2021 (USD MILLION)

TABLE 198 EUROPE: AGRICULTURAL SPRAYERS MARKET, BY CAPACITY,
2022–2027 (USD MILLION)

TABLE 199 EUROPE: AGRICULTURAL SPRAYERS MARKET, BY CAPACITY,
2018–2021 (THOUSAND UNITS)

TABLE 200 EUROPE: AGRICULTURAL SPRAYERS MARKET, BY CAPACITY,
2022–2027 (THOUSAND UNITS)

TABLE 201 EUROPE: AGRICULTURAL SPRAYERS MARKET, BY FARM SIZE,
2018–2021 (USD MILLION)

TABLE 202 EUROPE: AGRICULTURAL SPRAYERS MARKET, BY FARM SIZE,
2022–2027 (USD MILLION)

TABLE 203 EUROPE: AGRICULTURAL SPRAYERS MARKET, BY FARM SIZE,
2018–2021 (THOUSAND UNITS)

TABLE 204 EUROPE: AGRICULTURAL SPRAYERS MARKET, BY FARM SIZE,
2022–2027 (THOUSAND UNITS)

TABLE 205 EUROPE: AGRICULTURAL SPRAYERS MARKET, BY CROP TYPE,
2018–2021 (USD MILLION)

TABLE 206 EUROPE: AGRICULTURAL SPRAYERS MARKET, BY CROP TYPE,
2022–2027 (USD MILLION)

TABLE 207 EUROPE: AGRICULTURAL SPRAYERS MARKET, BY POWER SOURCE,
2018–2021 (USD MILLION)

TABLE 208 EUROPE: AGRICULTURAL SPRAYERS MARKET, BY POWER SOURCE,
2022–2027 (USD MILLION)

TABLE 209 EUROPE: AGRICULTURAL SPRAYERS MARKET, BY POWER SOURCE,
2018–2021 (THOUSAND UNITS)

TABLE 210 EUROPE: AGRICULTURAL SPRAYERS MARKET, BY POWER SOURCE,
2022–2027 (THOUSAND UNITS)

14.4.1 FRANCE

14.4.1.1 Increased government support and focus on improving agricultural productivity

TABLE 211 FRANCE: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021
(USD MILLION)

TABLE 212 FRANCE: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027

(USD MILLION)

TABLE 213 FRANCE: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021
(THOUSAND UNITS)

TABLE 214 FRANCE: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027
(THOUSAND UNITS)

14.4.2 GERMANY

14.4.2.1 High adoption of self-propelled and trailed sprayers equipped with advanced technologies

TABLE 215 GERMANY: AGRICULTURAL SPRAYERS MARKET, BY TYPE,
2018–2021 (USD MILLION)

TABLE 216 GERMANY: AGRICULTURAL SPRAYERS MARKET, BY TYPE,
2022–2027 (USD MILLION)

TABLE 217 GERMANY: AGRICULTURAL SPRAYERS MARKET, BY TYPE,
2018–2021 (THOUSAND UNITS)

TABLE 218 GERMANY: AGRICULTURAL SPRAYERS MARKET, BY TYPE,
2022–2027 (THOUSAND UNITS)

14.4.3 RUSSIA

14.4.3.1 Usage of agricultural equipment with multi-functional sprayers and aerial technology

TABLE 219 RUSSIA: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021
(USD MILLION)

TABLE 220 RUSSIA: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027
(USD MILLION)

TABLE 221 RUSSIA: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021
(THOUSAND UNITS)

TABLE 222 RUSSIA: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027
(THOUSAND UNITS)

14.4.4 SPAIN

14.4.4.1 Dry climate and shortage of rainfall fueling demand for sprayers for applying water and agrochemicals

TABLE 223 SPAIN: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021
(USD MILLION)

TABLE 224 SPAIN: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027
(USD MILLION)

TABLE 225 SPAIN: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021
(THOUSAND UNITS)

TABLE 226 SPAIN: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027
(THOUSAND UNITS)

14.4.5 UK

14.4.5.1 Strong government support spurring business development in farming

TABLE 227 UK: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021 (USD MILLION)

TABLE 228 UK: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027 (USD MILLION)

TABLE 229 UK: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021 (THOUSAND UNITS)

TABLE 230 UK: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027 (THOUSAND UNITS)

14.4.6 ITALY

14.4.6.1 Increasing need for farm mechanization and rise in technological advancements

TABLE 231 ITALY: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021 (USD MILLION)

TABLE 232 ITALY: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027 (USD MILLION)

TABLE 233 ITALY: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021 (THOUSAND UNITS)

TABLE 234 ITALY: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027 (THOUSAND UNITS)

14.4.7 REST OF EUROPE

TABLE 235 REST OF EUROPE: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021 (USD MILLION)

TABLE 236 REST OF EUROPE: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027 (USD MILLION)

TABLE 237 REST OF EUROPE: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021 (THOUSAND UNITS)

TABLE 238 REST OF EUROPE: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027 (THOUSAND UNITS)

14.5 SOUTH AMERICA

TABLE 239 SOUTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 240 SOUTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 241 SOUTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY COUNTRY, 2018–2021 (THOUSAND UNITS)

TABLE 242 SOUTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY COUNTRY, 2022–2027 (THOUSAND UNITS)

TABLE 243 SOUTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY TYPE,

2018–2021 (USD MILLION)

TABLE 244 SOUTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027 (USD MILLION)

TABLE 245 SOUTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021 (THOUSAND UNITS)

TABLE 246 SOUTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027 (THOUSAND UNITS)

TABLE 247 SOUTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY CAPACITY, 2018–2021 (USD MILLION)

TABLE 248 SOUTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY CAPACITY, 2022–2027 (USD MILLION)

TABLE 249 SOUTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY CAPACITY, 2018–2021 (THOUSAND UNITS)

TABLE 250 SOUTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY CAPACITY, 2022–2027 (THOUSAND UNITS)

TABLE 251 SOUTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY FARM SIZE, 2018–2021 (USD MILLION)

TABLE 252 SOUTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY FARM SIZE, 2022–2027 (USD MILLION)

TABLE 253 SOUTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY FARM SIZE, 2018–2021 (THOUSAND UNITS)

TABLE 254 SOUTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY FARM SIZE, 2022–2027 (THOUSAND UNITS)

TABLE 255 SOUTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY CROP TYPE, 2018–2021 (USD MILLION)

TABLE 256 SOUTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY CROP TYPE, 2022–2027 (USD MILLION)

TABLE 257 SOUTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY POWER SOURCE, 2018–2021 (USD MILLION)

TABLE 258 SOUTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY POWER SOURCE, 2022–2027 (USD MILLION)

TABLE 259 SOUTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY POWER SOURCE, 2018–2021 (THOUSAND UNITS)

TABLE 260 SOUTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY POWER SOURCE, 2022–2027 (THOUSAND UNITS)

14.5.1 BRAZIL

14.5.1.1 Technological advancements, favorable soil & weather conditions, and strong government support boosting growth

TABLE 261 BRAZIL: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021

(USD MILLION)

TABLE 262 BRAZIL: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027

(USD MILLION)

TABLE 263 BRAZIL: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021

(THOUSAND UNITS)

TABLE 264 BRAZIL: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027

(THOUSAND UNITS)

14.5.2 ARGENTINA

14.5.2.1 Country employing highly skilled workers to strengthen its farm mechanization industry

TABLE 265 ARGENTINA: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021 (USD MILLION)

TABLE 266 ARGENTINA: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027 (USD MILLION)

TABLE 267 ARGENTINA: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021 (THOUSAND UNITS)

TABLE 268 ARGENTINA: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027 (THOUSAND UNITS)

14.5.3 REST OF SOUTH AMERICA

TABLE 269 REST OF SOUTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021 (USD MILLION)

TABLE 270 REST OF SOUTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027 (USD MILLION)

TABLE 271 REST OF SOUTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021 (THOUSAND UNITS)

TABLE 272 REST OF SOUTH AMERICA: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027 (THOUSAND UNITS)

14.6 REST OF THE WORLD (ROW)

TABLE 273 ROW: AGRICULTURAL SPRAYERS MARKET, BY REGION, 2018–2021 (USD MILLION)

TABLE 274 ROW: AGRICULTURAL SPRAYERS MARKET, BY REGION, 2022–2027 (USD MILLION)

TABLE 275 ROW: AGRICULTURAL SPRAYERS MARKET, BY REGION, 2018–2021 (THOUSAND UNITS)

TABLE 276 ROW: AGRICULTURAL SPRAYERS MARKET, BY REGION, 2022–2027 (THOUSAND UNITS)

TABLE 277 ROW: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021 (USD MILLION)

TABLE 278 ROW: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027

(USD MILLION)

TABLE 279 ROW: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021
(THOUSAND UNITS)

TABLE 280 ROW: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027
(THOUSAND UNITS)

TABLE 281 ROW: AGRICULTURAL SPRAYERS MARKET, BY CAPACITY, 2018–2021
(USD MILLION)

TABLE 282 ROW: AGRICULTURAL SPRAYERS MARKET, BY CAPACITY, 2022–2027
(USD MILLION)

TABLE 283 ROW: AGRICULTURAL SPRAYERS MARKET, BY CAPACITY, 2018–2021
(THOUSAND UNITS)

TABLE 284 ROW: AGRICULTURAL SPRAYERS MARKET, BY CAPACITY, 2022–2027
(THOUSAND UNITS)

TABLE 285 ROW: AGRICULTURAL SPRAYERS MARKET, BY FARM SIZE,
2018–2021 (USD MILLION)

TABLE 286 ROW: AGRICULTURAL SPRAYERS MARKET, BY FARM SIZE,
2022–2027 (USD MILLION)

TABLE 287 ROW: AGRICULTURAL SPRAYERS MARKET, BY FARM SIZE,
2018–2021 (THOUSAND UNITS)

TABLE 288 ROW: AGRICULTURAL SPRAYERS MARKET, BY FARM SIZE,
2022–2027 (THOUSAND UNITS)

TABLE 289 ROW: AGRICULTURAL SPRAYERS MARKET, BY CROP TYPE,
2018–2021 (USD MILLION)

TABLE 290 ROW: AGRICULTURAL SPRAYERS MARKET, BY CROP TYPE,
2022–2027 (USD MILLION)

TABLE 291 ROW: AGRICULTURAL SPRAYERS MARKET, BY POWER SOURCE,
2018–2021 (USD MILLION)

TABLE 292 ROW: AGRICULTURAL SPRAYERS MARKET, BY POWER SOURCE,
2022–2027 (USD MILLION)

TABLE 293 ROW: AGRICULTURAL SPRAYERS MARKET, BY POWER SOURCE,
2018–2021 (THOUSAND UNITS)

TABLE 294 ROW: AGRICULTURAL SPRAYERS MARKET, BY POWER SOURCE,
2022–2027 (THOUSAND UNITS)

14.6.1 MIDDLE EAST

14.6.1.1 Continued growth in agriculture fueling demand for agricultural sprayers

TABLE 295 MIDDLE EAST: AGRICULTURAL SPRAYERS MARKET, BY TYPE,
2018–2021 (USD MILLION)

TABLE 296 MIDDLE EAST: AGRICULTURAL SPRAYERS MARKET, BY TYPE,
2022–2027 (USD MILLION)

TABLE 297 MIDDLE EAST: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021 (THOUSAND UNITS)

TABLE 298 MIDDLE EAST: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027 (THOUSAND UNITS)

14.6.2 AFRICA

14.6.2.1 Government support and shift toward digital agriculture techniques increasing demand for sprayers

TABLE 299 AFRICA: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021 (USD MILLION)

TABLE 300 AFRICA: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027 (USD MILLION)

TABLE 301 AFRICA: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2018–2021 (THOUSAND UNITS)

TABLE 302 AFRICA: AGRICULTURAL SPRAYERS MARKET, BY TYPE, 2022–2027 (THOUSAND UNITS)

15 COMPETITIVE LANDSCAPE

15.1 OVERVIEW

15.2 MARKET SHARE ANALYSIS

TABLE 303 AGRICULTURAL SPRAYERS MARKET SHARE (CONSOLIDATED)

15.3 KEY PLAYER STRATEGIES

TABLE 304 KEY PLAYER STRATEGIES, 2019–2021

15.4 SEGMENTAL REVENUE ANALYSIS OF KEY PLAYERS

FIGURE 37 SEGMENTAL REVENUE ANALYSIS OF KEY PLAYERS, 2019–2021 (USD BILLION)

15.5 COMPANY EVALUATION QUADRANT (KEY PLAYERS)

15.5.1 STARS

15.5.2 PERVASIVE PLAYERS

15.5.3 EMERGING LEADERS

15.5.4 PARTICIPANTS

FIGURE 38 AGRICULTURAL SPRAYERS MARKET, COMPANY EVALUATION QUADRANT, 2021 (OVERALL MARKET)

15.5.5 PRODUCT FOOTPRINT

TABLE 305 COMPANY PRODUCT TYPE FOOTPRINT

TABLE 306 COMPANY APPLICATION FOOTPRINT

TABLE 307 COMPANY REGIONAL FOOTPRINT

TABLE 308 OVERALL COMPANY FOOTPRINT

15.6 AGRICULTURAL SPRAYERS MARKET, STARTUP/SME EVALUATION

QUADRANT

15.6.1 PROGRESSIVE COMPANIES

15.6.2 STARTING BLOCKS

15.6.3 RESPONSIVE COMPANIES

15.6.4 DYNAMIC COMPANIES

FIGURE 39 AGRICULTURAL SPRAYERS MARKET, COMPANY EVALUATION QUADRANT, 2021 (STARTUP/SME)

15.6.5 COMPETITIVE BENCHMARKING

TABLE 309 AGRICULTURAL SPRAYERS MARKET: DETAILED LIST OF KEY STARTUPS/SMES

TABLE 310 AGRICULTURAL SPRAYERS MARKET: COMPETITIVE BENCHMARKING OF KEY STARTUPS/SMES

15.7 PRODUCT LAUNCHES, DEALS, AND OTHER DEVELOPMENTS

15.7.1 PRODUCT LAUNCHES

TABLE 311 AGRICULTURAL SPRAYERS MARKET: PRODUCT LAUNCHES, 2020–2021

15.7.2 DEALS

TABLE 312 AGRICULTURAL SPRAYERS MARKET: DEALS, 2019–2022

16 COMPANY PROFILES

16.1 KEY PLAYERS

(Business overview. Products offered, Recent developments, MnM view, Right to win, Strategic choices made, and Weaknesses and competitive threats)*

16.1.1 JOHN DEERE

TABLE 313 JOHN DEERE: BUSINESS OVERVIEW

FIGURE 40 JOHN DEERE: COMPANY SNAPSHOT

TABLE 314 JOHN DEERE: PRODUCT LAUNCHES

TABLE 315 JOHN DEERE: DEALS

16.1.2 CNH INDUSTRIAL N.V.

TABLE 316 CNH INDUSTRIAL N.V.: BUSINESS OVERVIEW

FIGURE 41 CNH INDUSTRIAL N.V.: COMPANY SNAPSHOT

16.1.3 KUBOTA CORPORATION

TABLE 317 KUBOTA CORPORATION: BUSINESS OVERVIEW

FIGURE 42 KUBOTA CORPORATION: COMPANY SNAPSHOT

TABLE 318 KUBOTA CORPORATION: DEALS

16.1.4 MAHINDRA & MAHINDRA LTD.

TABLE 319 MAHINDRA AND MAHINDRA LTD.: BUSINESS OVERVIEW

FIGURE 43 MAHINDRA & MAHINDRA LTD.: COMPANY SNAPSHOT

TABLE 320 MAHINDRA AND MAHINDRA LTD.: DEALS**16.1.5 STIHL****TABLE 321 STIHL: BUSINESS OVERVIEW****FIGURE 44 STIHL: COMPANY SNAPSHOT****TABLE 322 STIHL: PRODUCT LAUNCHES****16.1.6 AGCO CORPORATION****TABLE 323 AGCO CORPORATION: BUSINESS OVERVIEW****FIGURE 45 AGCO CORPORATION: COMPANY SNAPSHOT****TABLE 324 AGCO CORPORATION: DEALS****TABLE 325 AGCO CORPORATION: OTHERS****16.1.7 YAMAHA MOTOR CORPORATION****TABLE 326 YAMAHA MOTOR CORPORATION: BUSINESS OVERVIEW****FIGURE 46 YAMAHA MOTOR CORPORATION: COMPANY SNAPSHOT****TABLE 327 YAMAHA MOTOR CORPORATION: OTHERS****16.1.8 BUCHER INDUSTRIES AG****TABLE 328 BUCHER INDUSTRIES AG: BUSINESS OVERVIEW****FIGURE 47 BUCHER INDUSTRIES AG: COMPANY SNAPSHOT****16.1.9 DJI****TABLE 329 DJI: BUSINESS OVERVIEW****TABLE 330 DJI: DEALS****TABLE 331 DJI: PRODUCT LAUNCHES****16.1.10 EXEL INDUSTRIES****TABLE 332 EXEL INDUSTRIES: BUSINESS OVERVIEW****FIGURE 48 EXEL INDUSTRIES: COMPANY SNAPSHOT****16.1.11 AMAZONEN-WERKE****TABLE 333 AMAZONEN-WERKE: BUSINESS OVERVIEW****TABLE 334 AMAZONEN-WERKE: DEALS****16.1.12 BGROUP S.P.A****TABLE 335 BGROUP S.P.A.: BUSINESS OVERVIEW****16.1.13 CASE IH****TABLE 336 CASE IH: BUSINESS OVERVIEW****16.1.14 H.D. HUDSON MANUFACTURING CO.****TABLE 337 H.D. HUDSON MANUFACTURING CO.: BUSINESS OVERVIEW****16.1.15 BUHLER INDUSTRIES INC.****TABLE 338 BUHLER INDUSTRIES INC.: BUSINESS OVERVIEW****FIGURE 49 BUHLER INDUSTRIES INC.: COMPANY SNAPSHOT****16.1.16 AMERICAN SPRING & PRESSING WORKS PVT. LTD.****TABLE 339 AMERICAN SPRING & PRESSING WORKS PVT. LTD.: BUSINESS OVERVIEW**

16.1.17 AGRO CHEM INC.

TABLE 340 AGRO CHEM INC.: BUSINESS OVERVIEW

16.1.18 H & H FARM MACHINE CO.

TABLE 341 H & H FARM MACHINE CO.: BUSINESS OVERVIEW

16.1.19 AG SPRAY EQUIPMENT, INC.

TABLE 342 AG SPRAY EQUIPMENT, INC.: BUSINESS OVERVIEW

16.1.20 EQUIPMENT TECHNOLOGIES

TABLE 343 EQUIPMENT TECHNOLOGIES: BUSINESS OVERVIEW

TABLE 344 EQUIPMENT TECHNOLOGIES: PRODUCT LAUNCHES

TABLE 345 EQUIPMENT TECHNOLOGIES: OTHERS

16.2 OTHER PLAYERS

16.2.1 3THI ROBOTICS PRIVATE LIMITED

TABLE 346 3THI ROBOTICS PRIVATE LIMITED: COMPANY OVERVIEW

16.2.2 FUSITE CO. LTD.

TABLE 347 FUSITE CO. LTD.: COMPANY OVERVIEW

16.2.3 NEPTUNE SPRAYERS

TABLE 348 NEPTUNE SPRAYERS: COMPANY OVERVIEW

16.2.4 HYLIO

TABLE 349 HYLIO: COMPANY OVERVIEW

16.2.5 GANPATHY AGRO INDUSTRIES

TABLE 350 GANPATHY AGRO INDUSTRIES: COMPANY OVERVIEW

*Details on Business overview. Products offered, Recent developments, MnM view, Right to win, Strategic choices made, and Weaknesses and competitive threats might not be captured in case of unlisted companies.

17 ADJACENT MARKETS

17.1 INTRODUCTION

17.2 LIMITATIONS

17.3 AGRICULTURAL PUMPS MARKET

17.3.1 MARKET DEFINITION

17.3.2 MARKET OVERVIEW

17.3.3 AGRICULTURAL PUMPS MARKET, BY TYPE

17.3.3.1 Introduction

TABLE 351 AGRICULTURAL PUMPS MARKET, BY TYPE, 2018–2025 (USD MILLION)

17.3.4 AGRICULTURAL PUMPS MARKET, BY REGION

17.3.4.1 Introduction

17.3.4.2 Asia Pacific

TABLE 352 ASIA PACIFIC: AGRICULTURAL PUMPS MARKET, BY TYPE, 2018–2025 (USD MILLION)

TABLE 353 ASIA PACIFIC: POSITIVE DISPLACEMENT PUMPS MARKET, BY SUBTYPE, 2018–2025 (USD MILLION)

TABLE 354 ASIA PACIFIC: ROTODYNAMIC PUMPS MARKET, BY SUBTYPE, 2018–2025 (USD MILLION)

17.3.4.3 Europe

TABLE 355 EUROPE: AGRICULTURAL PUMPS MARKET, BY TYPE, 2018–2025 (USD MILLION)

TABLE 356 EUROPE: ROTODYNAMIC PUMPS MARKET, BY SUBTYPE, 2018–2025 (USD MILLION)

TABLE 357 EUROPE: POSITIVE DISPLACEMENT PUMPS MARKET, BY SUBTYPE, 2018–2025 (USD MILLION)

17.3.4.4 North America

TABLE 358 NORTH AMERICA: AGRICULTURAL PUMPS MARKET, BY TYPE, 2018–2025 (USD MILLION)

TABLE 359 NORTH AMERICA: ROTODYNAMIC PUMPS MARKET, BY SUBTYPE, 2018–2025 (USD MILLION)

TABLE 360 NORTH AMERICA: POSITIVE DISPLACEMENT PUMPS MARKET, BY SUBTYPE, 2018–2025 (USD MILLION)

17.3.4.5 South America

TABLE 361 SOUTH AMERICA: AGRICULTURAL PUMPS MARKET, BY TYPE, 2018–2025 (USD MILLION)

TABLE 362 SOUTH AMERICA: ROTODYNAMIC PUMPS MARKET, BY SUBTYPE, 2018–2025 (USD MILLION)

TABLE 363 SOUTH AMERICA: POSITIVE DISPLACEMENT PUMPS MARKET, BY SUBTYPE, 2018–2025 (USD MILLION)

17.3.4.6 Rest of the World (RoW)

TABLE 364 ROW: AGRICULTURAL PUMPS MARKET, BY TYPE, 2018–2025 (USD MILLION)

TABLE 365 ROW: ROTODYNAMIC PUMPS MARKET, BY SUBTYPE, 2018–2025 (USD MILLION)

TABLE 366 ROW: POSITIVE DISPLACEMENT PUMPS MARKET, BY SUBTYPE, 2018–2025 (USD MILLION)

17.4 AGRICULTURAL VARIABLE RATE TECHNOLOGY MARKET

17.4.1 LIMITATIONS

17.4.2 MARKET DEFINITION

17.4.3 MARKET OVERVIEW

17.4.4 AGRICULTURAL VARIABLE RATE TECHNOLOGY MARKET, BY TYPE

17.4.4.1 Introduction

TABLE 367 AGRICULTURAL VARIABLE RATE TECHNOLOGY MARKET, BY TYPE, 2015–2022 (USD MILLION)

17.4.5 AGRICULTURAL VARIABLE RATE TECHNOLOGY MARKET, BY REGION

17.4.5.1 Introduction

TABLE 368 AGRICULTURAL VARIABLE RATE TECHNOLOGY MARKET, BY REGION, 2015–2022 (USD MILLION)

17.4.5.2 North America

TABLE 369 NORTH AMERICA: AGRICULTURAL VARIABLE RATE TECHNOLOGY MARKET, BY APPLICATION METHOD, 2015–2022 (USD MILLION)

17.4.5.3 Europe

TABLE 370 EUROPE: AGRICULTURAL VARIABLE RATE TECHNOLOGY MARKET, BY APPLICATION METHOD, 2015–2022 (USD MILLION)

17.4.5.4 Asia Pacific

TABLE 371 ASIA PACIFIC: AGRICULTURAL VARIABLE RATE TECHNOLOGY MARKET, BY APPLICATION METHOD, 2015–2022 (USD MILLION)

17.4.5.5 South America

TABLE 372 SOUTH AMERICA: AGRICULTURAL VARIABLE RATE TECHNOLOGY MARKET, BY APPLICATION METHOD, 2015–2022 (USD MILLION)

17.4.5.6 Rest of the World (RoW)

TABLE 373 ROW: AGRICULTURAL VARIABLE RATE TECHNOLOGY MARKET, BY APPLICATION METHOD, 2015–2022 (USD MILLION)

18 APPENDIX

18.1 DISCUSSION GUIDE

18.2 KNOWLEDGESTORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL

18.3 CUSTOMIZATION OPTIONS

18.4 RELATED REPORTS

18.5 AUTHOR DETAILS

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