

# RACEGUIDE

2021 MICHELIN MotoGP™



# 04

## GRAN PREMIO RED BULL DE ESPAÑA

APRIL 30 - MAY 2

**TIRE SEVERITY RATING**



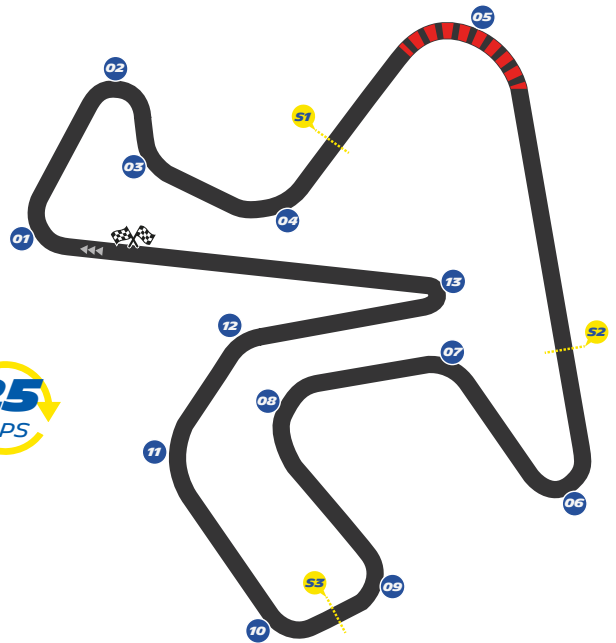
Severe > < Mild

**CIRCUITO DE JEREZ  
ANGEL NIETO  
SPAIN**



TOTAL DISTANCE  
**110.6KM**

**25**  
LAPS



- 01 TURN NUMBER
- S1 SECTOR
- High TIRE-STRESS ZONE

LENGTH	WIDTH	RIGHT CORNERS	LEFT CORNERS	LONGEST STRAIGHT
<b>4.423</b> KM	<b>11</b> M	<b>8</b>	<b>5</b>	<b>607</b> M

### RECORDS

#### All Time Lap Record

Maverick Viñales  
(Yamaha, 2020) : 1'36.5845

#### Race duration

Marc Márquez  
(Honda, 2019) : 41'08.685

#### Best race lap

Marc Márquez  
(Honda, 2019): 1'38.051

#### Top Speed

Andrea Dovizioso  
(Ducati, 2020): 296.7 km/h

### MICHELIN RECORDS



#### Wins

1987, 1988, from 1989 to 2005, 2007, 2008, 2016, 2017, 2018, 2019, 2020(x2)

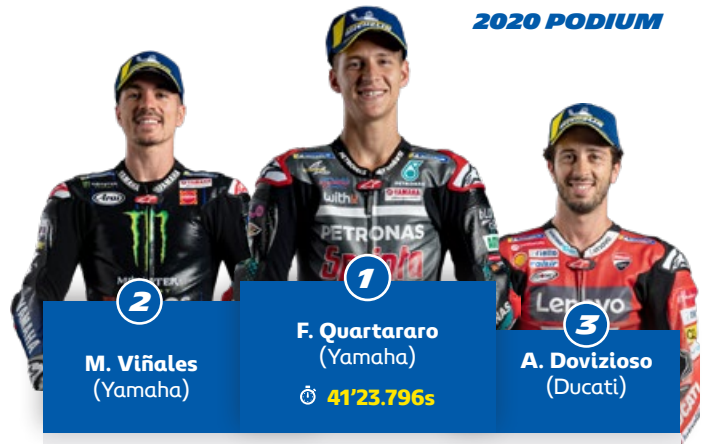


#### Pole positions

1987, 1988, 1990, from 1992 to 2005, 2007, 2008, 2016, 2017, 2018, 2019, 2020(x2)

### GRAN PREMIO RED BULL DE ESPAÑA

#### 2020 PODIUM



**2**  
M. Viñales  
(Yamaha)

**1**  
F. Quartararo  
(Yamaha)  
⌚ 41'23.796s

**3**  
A. Dovizioso  
(Ducati)

2020 Pole: F. Quartararo (Yamaha), ⌚ 1'36.705s

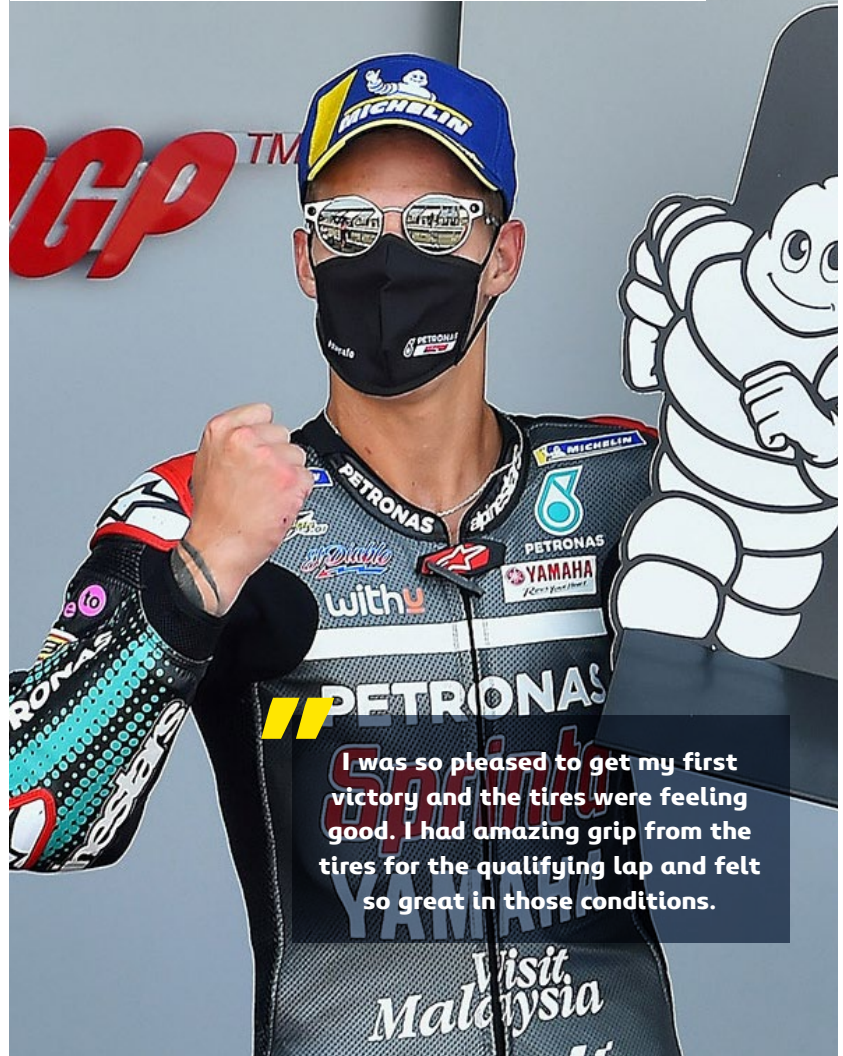


# TIMETABLE

FREE PRACTICE FRIDAY, APRIL 30		
9:00am-09:40am	Moto3	FP1
9:55am-10:40am	MotoGP	FP1
10:55am-11:35am	Moto2	FP1
11:50am-12:20pm	MotoE	FP 1
1:15pm-1:55pm	Moto3	FP 2
2:10pm-2:55pm	MotoGP	FP 2
3:10pm-3:50pm	Moto2	FP 2
4:50pm-5:20pm	MotoE	FP 2
QUALIFYING PRACTICE SATURDAY, MAY 1 <sup>st</sup>		
9:00am-09:40am	Moto3	FP3
9:55am-10:40am	MotoGP	FP3
10:55am-11:35am	Moto2	FP3
11:50am-12:20pm	MotoE	FP 3
12:35pm-12:50pm	Moto3	QP 1
1:00pm-1:15pm	Moto3	QP 2
1:30pm-2:00pm	MotoGP	FP 4
2:10pm-2:25pm	MotoGP	QP 1
2:35pm-2:50pm	MotoGP	QP 2
3:10pm-3:25pm	Moto2	QP 1
3:35pm-3:50pm	Moto2	QP 2
4:05pm-4:45pm	MotoE	E-Pole
RACE SUNDAY, MAY 2		
8:20am-08:40am	Moto3	WUP
8:50am-09:10am	Moto2	WUP
9:20am-09:40am	MotoGP	WUP
10:05am	MotoE	Race (8 laps)
11:00am	Moto3	Race (22 laps)
12:20pm	Moto2	Race (23 laps)
2:00pm	MotoGP	Race (25 laps)

LOCAL TIME - SOURCE: motogp.com - INFORMATION SUBJECT TO CHANGE

**FABIO QUATARARO**, PETRONAS YAMAHA SRT  
Winner, pole position and best race lap



I was so pleased to get my first victory and the tires were feeling good. I had amazing grip from the tires for the qualifying lap and felt so great in those conditions.



## 2021 TIRE REGULATIONS

ALLOCATION PER RACE:

**MICHELIN  
POWER "SLICK":  
22**

### 10 Power front slicks

- ✓ Up to 5 Power Slick Soft
- ✓ Up to 5 Power Slick Medium
- ✓ Up to 5 Power Slick Hard



### 12 Power rear slicks

- ✓ Up to 6 Power Slick Soft
- ✓ Up to 5 Power Slick Medium
- ✓ Up to 4 Power Slick Hard



Riders who participate in both Q1 and Q2:

- ✓ + 1 MICHELIN Front Power Slick (of the specification the riders prefer)
- ✓ 1 MICHELIN Rear Power Slick Soft

In the case that Q1 and Q2 sessions are both declared wet by the Race Director, the extra tires allocated will be rain tires. In the case that Q1 and Q2 sessions are declared as different weather conditions (dry or wet) then no extra tire will be allocated.

**MICHELIN  
POWER RAIN:  
13**

**6 front Power Rain  
of 2 specifications**

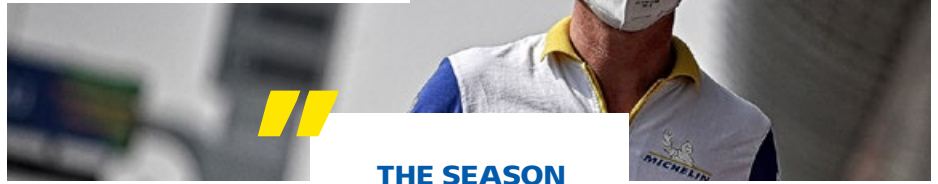


**7 rear Power Rain  
of 2 specifications**



In the case that any 4 of the 5 sessions, being FP1, 2, 3, 4, and one Qualifying session (excluding warm-up), are declared wet, one more set of rain tires will be allocated to every rider, and the allocation automatically becomes: 7 Front rain tires, and 8 Rear rain tires.

**PIERO TARMASSO**  
Michelin Motorsport  
Two-Wheel Manager

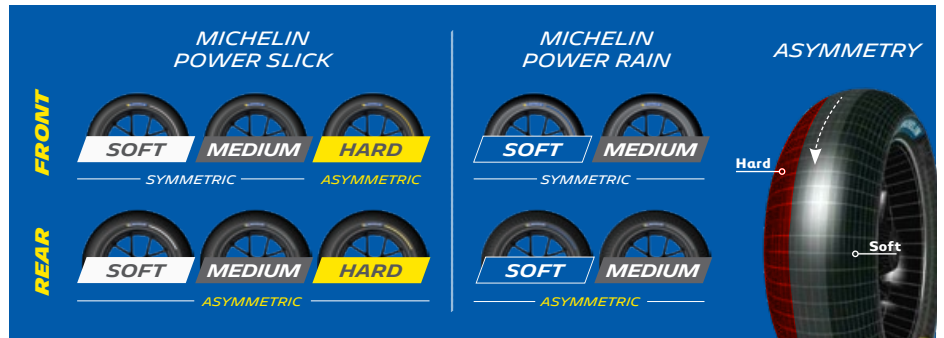


### THE SEASON

**FOR US SO FAR  
HAS BEEN VERY  
SUCCESSFUL**

The season for us so far has been very successful, with the grip and consistent performance of the 2021 tires allowing the riders to really push the limits of their machines to the max. Having

said that, it is still very sad that we cannot yet welcome fans into the circuits as they bring a whole different ambiance and energy to the event and give the riders a huge boost on track.



MOTOGP™ MICHELIN'S RECORD

**450  
WINS**

**31  
TITLES**

RIDERS WORLD  
CHAMPION  
(1976 - 2020)



**#GRIPMADETOLAST**



# ENTRY LIST

## MONSTER ENERGY YAMAHA MOTOGP

**MAVERICK VIÑALES**  
#12



Born: January 12, 1995  
Grand Prix debut: 2015, Qatar

108	9	27	12
-----	---	----	----

### RECORD WITH MICHELIN

9	27	12	0
---	----	----	---

**FABIO QUARTARARO**  
#20



Born: April 20, 1999  
Grand Prix debut: 2019, Qatar

36	5	12	11
----	---	----	----

### RECORD WITH MICHELIN

5	12	11	0
---	----	----	---

## REPSOL HONDA TEAM

**MARC MÁRQUEZ**  
#93



Born: February 17, 1993  
Grand Prix debut: 2013, Qatar

129	56	95	62
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World titles:  
(2013, 2014, 2016, 2017, 2018, 2019)

### RECORD WITH MICHELIN

32	56	32	4
----	----	----	---

**POL ESPARGARÓ**  
#44



Born: June 10, 1991  
Grand Prix debut: 2014, Qatar

121	0	6	2
-----	---	---	---

### RECORD WITH MICHELIN

0	6	2	0
---	---	---	---

**STEFAN BRADL**  
#6



Born: November 29, 1989  
Grand Prix debut: 2012, Qatar

108	0	1	1
-----	---	---	---

## PETRONAS YAMAHA SRT

**FRANCO MORBIDELLI**  
#21



Born: December 4, 1994  
Grand Prix debut: 2018, Qatar

52	3	5	2
----	---	---	---

### RECORD WITH MICHELIN

3	5	2	0
---	---	---	---

**VALENTINO ROSSI**  
#46



Born: February 16, 1979  
Grand Prix debut: 2000, S. Africa

357	89	199	55
-----	----	-----	----

World titles:  
(2009, 2008, 2005, 2004, 2003, 2002, 2001)

### RECORD WITH MICHELIN

65	124	43	5
----	-----	----	---

## TEAM SUZUKI ECSTAR

**ALEX RINS**  
#42



Born: December 8, 1995  
Grand Prix debut: 2017, Qatar

67	3	12	0
----	---	----	---

### RECORD WITH MICHELIN

3	12	0	0
---	----	---	---

**JOAN MIR**  
#36



Born: September 1<sup>st</sup>, 1997  
Grand Prix debut: 2019, Qatar

34	1	8	0
----	---	---	---

World title:  
(2020)

### RECORD WITH MICHELIN

1	8	0	1
---	---	---	---

## APRILIA RACING GRESINI TEAM

**ALEIX ESPARGARÓ**  
#41



Born: July 30, 1989  
Grand Prix debut: 2009, Indianapolis

182	0	1	2
-----	---	---	---

**LORENZO SAVADORI**  
#32



Born: April 4, 1993  
Grand Prix debut: 2020, Europe

6	0	0	0
---	---	---	---

## ESPONSORAMA RACING

**LUCAS MARINI**  
#10



Born: August 10, 1997  
Grand Prix debut: 2021, Qatar

3	0	0	0
---	---	---	---

**ENEASTASTIANINI**  
#23



Born: December 30, 1997  
Grand Prix debut: 2021, Qatar

3	0	0	0
---	---	---	---

## PRAMAC RACING

**JOHANN ZARCO**  
#5



Born: July 16, 1990  
Grand Prix debut: 2017, Qatar

69	0	9	5
----	---	---	---

### RECORD WITH MICHELIN

0	9	5	0
---	---	---	---

**TITO RABAT**  
#53



Born: May 25, 1989  
Grand Prix debut: 2016, Qatar

77	0	0	0
----	---	---	---

## TECH 3 KTM FACTORY RACING

**DANILO PETRUCCI**  
#9



Born: October 24, 1990  
Grand Prix debut: 2012, Qatar

154	2	10	0
-----	---	----	---

### RECORD WITH MICHELIN

2	9	0	0
---	---	---	---

**IKER LECUONA**  
#27



Born: January 6, 2000  
Grand Prix debut: 2019, Valencia

15	0	0	0
----	---	---	---

## RED BULL KTM FACTORY RACING

**BRAD BINDER**  
#33



Born: August 11, 1995  
Grand Prix debut: 2020, Spain

17	1	1	0
----	---	---	---

### RECORD WITH MICHELIN

1	1	0	0
---	---	---	---

**MIGUEL OLIVEIRA**  
#88



Born: January 4, 1995  
Grand Prix debut: 2019, Qatar

33	2	2	1
----	---	---	---

### RECORD WITH MICHELIN

2	2	1	0
---	---	---	---

## LCR HONDA

**ALEX MÁRQUEZ**  
#73



Born: April 23, 1996  
Grand Prix debut: 2020, Spain

17	0	2	0
----	---	---	---

### RECORD WITH MICHELIN

0	2	0	0
---	---	---	---

**TAKAAKI NAKAGAMI**  
#30



Born: February 9, 1992  
Grand Prix debut: 2018, Qatar

50	0	0	1
----	---	---	---

### RECORD WITH MICHELIN

0	0	1	0
---	---	---	---

## DUCATI TEAM

**JACK MILLER**  
#43



Born: January 18, 1995  
Grand Prix debut: 2015, Qatar

102	1	10	1
-----	---	----	---

### RECORD WITH MICHELIN

1	10	1	0
---	----	---	---

**FRANCESCO BAGNAIA**  
#63



Born: January 14, 1997  
Grand Prix debut: 2019, Qatar

33	0	3	1
----	---	---	---

### RECORD WITH MICHELIN

0	3	1	0
---	---	---	---



# RIDERS' STANDINGS

RACE				QAT	QAT	PRT	ESP	FRA	ITA	ESP	DEU	AUT	FIN	SMR	GBR	ESP	SMR	JPN	THA	AUS	MYS	ESP	
RIDERS' STANDING	Wins	Podium	Points	Qatar	Qatar	Portimao	Jerez	Le Mans	Misano	Barcelona	Sachsenring	Assen	KymiRing	Misano	Silverstone	Assen	Misano	Motegi	Buriram	Phillip Island	Sepang	Valencia	
				01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
1	Fabio Quartararo #20	2	2	61	11	25	25																
2	Francesco Bagnaia #63		2	46	16	10	20																
3	Maverick Viñales #12	1	1	41	25	11	5																
4	Johann Zarco #5		2	40	20	20	DNF																
5	Joan Mir #36		1	38	13	9	16																
6	Aleix Espargaró #41			25	9	6	10																
7	Alex Rins #42			23	10	13	DNF																
8	Brad Binder #33			21	2	8	11																
9	Enea Bastianini #23			18	6	5	7																
10	Jorge Martin #89	1		17	1	16	DNS																
11	Franco Morbidelli #21			17	0	4	13																
12	Jack Miller #43			14	7	7	DNF																
13	Pol Espargaró #44			11	8	3	DNF																
14	Marc Marquez #93			9	-	-	9																
15	Alex Marquez #73			8	DNF	DNF	8																
16	Stefan Bradl #6			7	5	2	-																
17	Takaaki Nakagami #30			6	DNF	0	6																
18	Miguel Oliveira #88			4	3	1	0																
19	Valentino Rossi #46			4	4	0	DNF																
20	Luca Marini #10			4	0	0	4																
21	Danilo Petrucci #9			3	DNF	0	3																
22	Lorenzo Savadori #32			2	0	0	2																
23	Iker Lecuona #27			1	0	DNF	1																

1<sup>st</sup> ..... 25 pts    4<sup>th</sup> ..... 13 pts    7<sup>th</sup> ..... 9 pts    10<sup>th</sup> ..... 6 pts    13<sup>th</sup> ..... 3 pts  
 2<sup>nd</sup> ..... 20 pts    5<sup>th</sup> ..... 11 pts    8<sup>th</sup> ..... 8 pts    11<sup>th</sup> ..... 5 pts    14<sup>th</sup> ..... 2 pts  
 3<sup>rd</sup> ..... 16 pts    6<sup>th</sup> ..... 10 pts    9<sup>th</sup> ..... 7 pts    12<sup>th</sup> ..... 4 pts    15<sup>th</sup> ..... 1 pt

DNF: Did Not Finish  
 DNS: Did Not Start



# FACTS

## MICHELIN'S MotoGP™ RACE STAFF\*

**15,000**



The number of kilometres covered by a rider during a season (races and practice)



**22**

slick tires a rider can use

during a grand prix weekend (free practice, qualifying, warm-up and race)



MINIMUM PRESSURE FOR A TIRE

Front slick

**1,9 BAR**

Rear slick

**1,7 BAR**



THE OPERATING TEMPERATURE

Front slick

**100°C**

Rear slick

**120°C**



**2 DEVELOPERS**



**7 TECHNICIANS**



**11 FITTERS**



**1 MANAGER**

**1 COORDINATOR AND MOTOE MANAGER**



**2 PRESS OFFICERS**



**3 MARKETING / COMMUNICATION**

\*ONLY A PART OF THE MOTOGP TEAM TRAVELS TO EACH RACE.



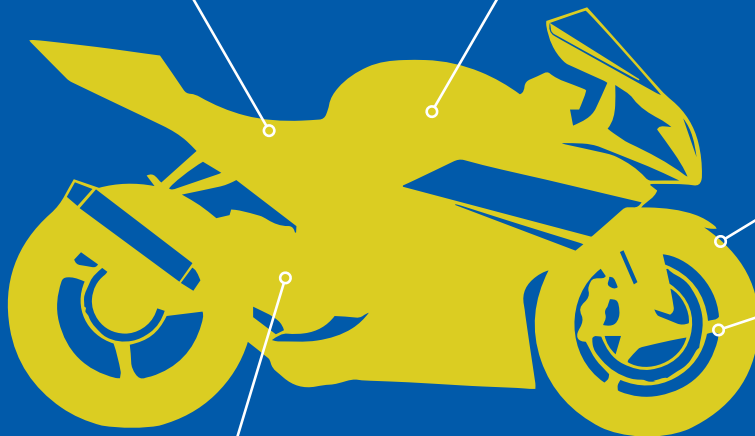
WEIGHT:

**157 KG**



MAXIMUM FUEL TANK CAPACITY:

**22 LITRES**



ENGINE DISPLACEMENT:

**1,000 CC**

**4**  
stroke

POWER:

**240 HP**

## TIRES



**MICHELIN POWER SLICK**



OR **MICHELIN POWER RAIN**

**17"**

RIM DIAMETER:

**17 INCHES**

SIZES:

FRONT:

**12 / 60 - 17**

Width  
(cm)

Exterior  
diameter  
(cm)

Rim  
diameter  
(inches)

REAR:

**20 / 69 - 17**





# MICHELIN'S MotoGP™ RANGE 2021 SEASON

## MICHELIN POWER SLICK

FRONT  
12/60 - 17



SOFT

MEDIUM

HARD

REAR  
20/69 - 17



## MICHELIN POWER RAIN

FRONT  
12/60 - 17



SOFT

MEDIUM

REAR  
20/69 - 17



## MICHELIN POWER

### MICHELIN POWER MOTOGP



### MICHELIN POWER PERFORMANCE SLICK



1000CC

### MICHELIN POWER PERFORMANCE CUP



600CC

Competition use

### MICHELIN POWER SLICK<sup>2</sup>



Competition Beginner - Track days  
Not type-approved for road use

### MICHELIN POWER CUP<sup>2</sup>



Competition Beginner  
Track days - Road legal

### MICHELIN POWER GP

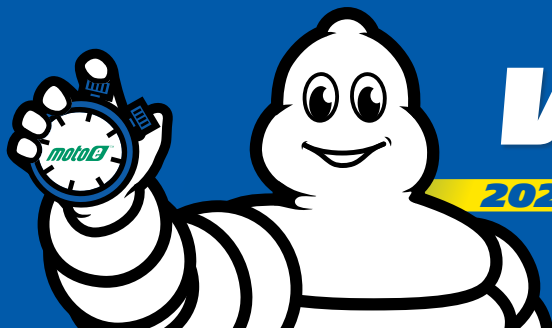


50 % track days - 50 % road

### MICHELIN POWER 5



100 % road



# WORLD CUP

2020 FIM ENEL MotoE™



## PIERO TARMASSO

Michelin Motorsport, Two-Wheel Manager

Although this is the first MotoE race of the season, we have already successfully tested our new and more environmentally friendly range of MotoE tires at Jerez, and I am confident that due to their improved performance we will see some excellent racing at this first round of the championship as a result.

**NEW TIRES FOR 2021:  
SUSTAINABLE MATERIALS  
ACCOUNT FOR BETWEEN  
33 AND 40 PERCENT  
OF THE CONTENT OF MICHELIN'S  
NEW MOTOE™ TIRES**

In terms of its FIM MotoE™ World Cup programme, the proportion of sustainable materials used to make its rear tires for the 2021 series has already reached 40 percent, while the same figure for its front MotoE™ tires stands at 33 percent.

A wide variety of bio-sourced and recycled materials are employed for the production of Michelin's MotoE™ tires, including:

- Orange and lemon peel,
- Pine resin,
- Sunflower oil,
- Hevea sap,
- Worn truck and car tires,
- Scrap steel.

The increase in the proportion of bio-sourced and recycled materials that go into Michelin's MotoE™ tires means that 4.6 tonnes of sustainable materials will be used in the course of the 2021 series.

### A SINGLE FRONT REAR PAIRING

- ✓ **Exceptional versatility:** just one combination of front and rear tires to cover all the circuits visited by the 2021 series.
- ✓ **High performance:** a revised materials-specification, yet superior performance compared with 2020
- ✓ **Grip:** grip performance from Turn 1, Lap 1

## CALENDAR

7 races, 6 circuits

1	2/05		Jerez - Spain
2	16/05		Le Mans - France
3	6/06		Barcelona - Spain
4	27/06		Assen - Netherlands
5	15/08		Spielberg - Austria
6	18/09		Misano - Italy
7	19/09		Misano - Italy

## ALLOCATION PER RIDER



### SINGLE WEEKEND

- 9 MICHELIN Power slicks MotoE
- 7 MICHELIN Power Rain MotoE
- Slicks: 4 front and 5 rear tires
- Wet: 3 front and 4 rear tires



### DOUBLE WEEKEND

- 11 MICHELIN Power slicks MotoE
- 9 MICHELIN Power Rain MotoE
- Slicks: 5 front and 6 rear
- Wet: 4 front and 5 rear

One compound option per race weekend  
Based upon the track layout and expected conditions for each Grand Prix, Michelin will select the most suitable tire compound option for each race weekend.





# ENTRY LIST

18 RIDERS REPRESENT 11 TEAMS,  
11 NATIONALITIES, 9 ROOKIES

## OCTO PRAMAC MOTOE

**ALESSANDRO ZACCONE**  
#61  
🇮🇹

6 🏁 0 🏆 0 🏅 0 🏆

**YONNY HERNANDEZ**  
#68  
🇷🇺

0 🏁 0 🏆 0 🏅 0 🏆

ROOKIE

## OPENBANK ASPAR TEAM

**MARIA HERRERA**  
#6  
🇪🇸

13 🏁 0 🏆 0 🏅 0 🏆

**FERMIN ALDEGUER**  
#54  
🇪🇸

0 🏁 0 🏆 0 🏅 0 🏆

ROOKIE

## LCR E-TEAM

**KEVIN ZANNONI**  
#21  
🇮🇹

0 🏁 0 🏆 0 🏅 0 🏆

ROOKIE

**MIQUEL PONS**  
#71  
🇪🇸

0 🏁 0 🏆 0 🏅 0 🏆

ROOKIE

## TRENTINO GRESINI MOTOE

**MATTEO FERRARI**  
#11  
🇮🇹

13 🏁 4 🏆 7 🏅 1 🏆

1 🏆 World title: 2019

**ANDREA MANTOVANI**  
#9  
🇮🇹

0 🏁 0 🏆 0 🏅 0 🏆

ROOKIE

## AVINTIA ESPONSORAMA RACING

**XAVIER CARDELUS**  
#18  
🇪🇸

7 🏁 0 🏆 0 🏅 0 🏆

**ANDRÉ PIRES**  
#14  
🇵🇹

0 🏁 0 🏆 0 🏅 0 🏆

ROOKIE

## TECH3 E-RACING

**LUKAS TULOVIC**  
#35  
🇩🇪

7 🏁 0 🏆 0 🏅 0 🏆

**CORENTIN PEROLARI**  
#19  
🇫🇷

0 🏁 0 🏆 0 🏅 0 🏆

ROOKIE

## ONGETTA SIC58 SQUADRA CORSE

**MATTIA CASADEI**  
#27  
🇮🇹

13 🏁 0 🏆 3 🏅 0 🏆

## PONS RACING 40

**JORDI TORRES**  
#40  
🇪🇸

7 🏁 1 🏆 4 🏅 4 🏆

1 🏆 World title: 2020

**JASPER IWEMA**  
#53  
🇳🇱

0 🏁 0 🏆 0 🏅 0 🏆

ROOKIE

## ONE ENERGY RACING

**ERIC GRANADO**  
#51  
🇧🇷

12 🏁 1 🏆 3 🏅 3 🏆

## AVANT AJO MOTOE

**HIKARI OKUBO**  
#78  
🇯🇵

0 🏁 0 🏆 0 🏅 0 🏆

ROOKIE

## DYNAVOLT INTACT GP

**DOMINIQUE AEGERTER**  
#77  
🇨🇭

7 🏁 2 🏆 4 🏅 1 🏆

## RACE FORMATS

### PRACTICE

Two practice sessions (30 minutes) on Friday and one on Saturday.

### E-POLE QUALIFYING PRACTICE

Each rider will carry out 3 laps of the circuit (one warm up lap - one timed lap - one slow down lap).

The riders will start one by one, from the end of the pit lane

The starting order of the riders will be the opposite of the combined free practice results

### GRID

Grid positions will be based on the fastest time recorded by the riders in the E-Pole qualifying session.

In the case where the E-Pole qualifying session has been cancelled, the grid position will be based on the fastest times recorded by riders in all free practice sessions.

### RACE

Riders will complete one sighting lap before taking their position on the grid. There is no warm up lap, once the grid preparations have finished, the red light will go out and the race starts.

Tire warmers may be used on the grid.

Charging of the battery on the grid is permitted.

### POINTS-SCORING SYSTEM

All races will count for the Cup classification.

1 <sup>st</sup> ..... 25 pts	9 <sup>th</sup> ..... 7 pts
2 <sup>nd</sup> ..... 20 pts	10 <sup>th</sup> ..... 6 pts
3 <sup>th</sup> ..... 16 pts	11 <sup>th</sup> ..... 5 pts
4 <sup>th</sup> ..... 13 pts	12 <sup>th</sup> ..... 4 pts
5 <sup>th</sup> ..... 11 pts	13 <sup>th</sup> ..... 3 pts
6 <sup>th</sup> ..... 10 pts	14 <sup>th</sup> ..... 2 pts
7 <sup>th</sup> ..... 9 pts	15 <sup>th</sup> ..... 1 pt
8 <sup>th</sup> ..... 8 pts	





# MICHELIN POWER

## OVER 30 WORLD TITLES

### SINCE 1973



MFP Michelin, Place des Carmes Déchaux, 63 040 Clermont-Fd, 855 20 0501 RCS Clermont-Fd, Photo Lukasz Swiderek 2020



**MICHELIN POWER**  
The winning tire range with over 450 wins and 30 Premier Class world titles (MotoGP™/500cc) in the past 47 years.



From left to right, MICHELIN Power Slick (MotoGP™ winner), MICHELIN Power Cup2, MICHELIN Power GP, MICHELIN Power5.