

# RACEGUIDE

2021 MICHELIN MotoGP™



# 07

## GRAN PREMI MONSTER ENERGY DE CATALUNYA

JUNE 4 - 6

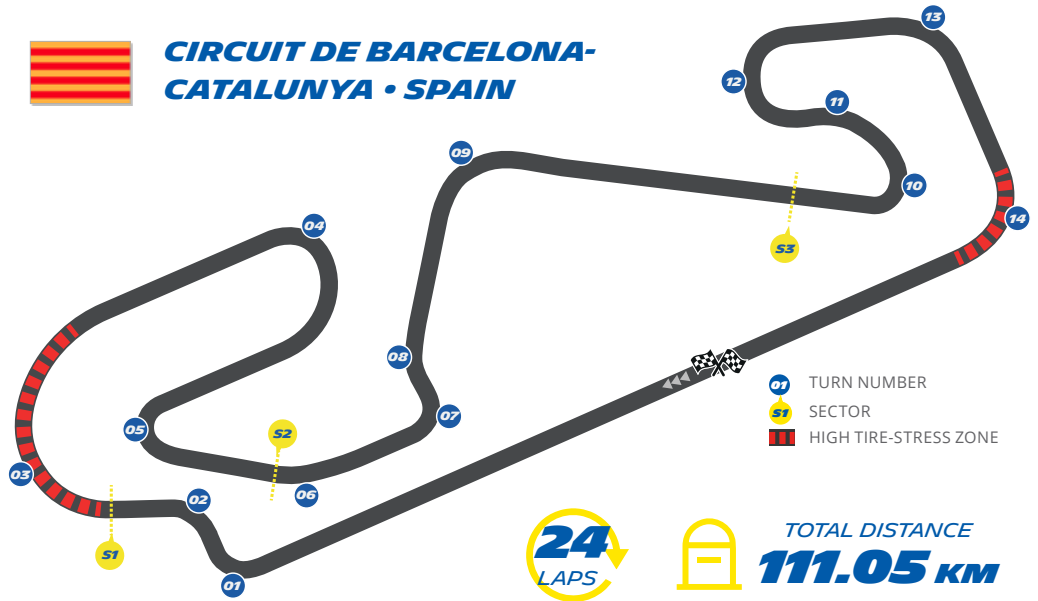
**TIRE SEVERITY RATING**



Severe > < Mild



**CIRCUIT DE BARCELONA-CATALUNYA • SPAIN**



24 LAPS



TOTAL DISTANCE **111.05 KM**

LENGTH	WIDTH	RIGHT CORNERS	LEFT CORNERS	LONGEST STRAIGHT
<b>4.657</b> KM	<b>12</b> M	<b>8</b>	<b>6</b>	<b>1,047</b> M

### RECORDS

- All Time Lap Record
- Best race lap
- Race duration
- Top Speed

### NEW CIRCUIT LAYOUT

### 2020 GRAN PREMI MONSTER ENERGY DE CATALUNYA

#### 2020 PODIUM

**2** J. Mir (Suzuki)

**1** F. Quartararo (Yamaha)  
⌚ 40'33.176s

**3** A. Rins (Suzuki)

2020 Pole: F. Morbidelli (Yamaha), ⌚ 1'38.798s

### MICHELIN RECORDS

Wins



(1992, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2008, 2016, 2017, 2018, 2019, 2020)

Pole positions



(1992, 1993, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2016, 2017, 2018, 2019, 2020)



# TIMETABLE

## FREE PRACTICE FRIDAY, JUNE 4

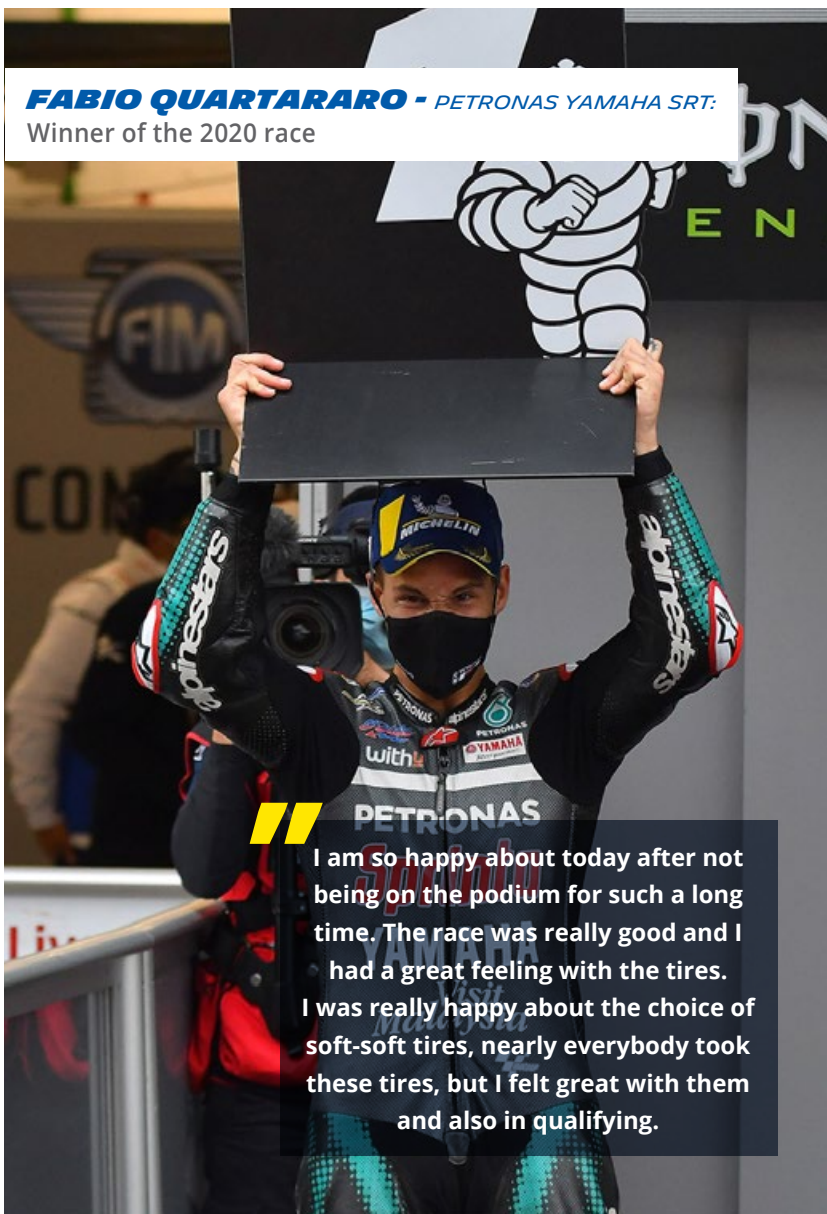
9:00am-09:40am	Moto3	FP1
9:55am-10:40am	MotoGP	FP1
10:55am-11:35am	Moto2	FP1
11:50am-12:20pm	MotoE	FP1
1:15pm-1:55pm	Moto3	FP2
2:10pm-2:55pm	MotoGP	FP2
3:10pm-3:50pm	Moto2	FP2
4:05pm-4:35pm	MotoE	FP2

## QUALIFYING PRACTICE SATURDAY, JUNE 5

9:00am-09:40am	Moto3	FP3
9:55am-10:40am	MotoGP	FP3
10:55am-11:35am	Moto2	FP3
11:50am-12:20pm	MotoE	FP3
12:35pm-12:50pm	Moto3	QP1
1:00pm-1:15pm	Moto3	QP2
1:30pm-2:00pm	MotoGP	FP4
2:10pm-2:25pm	MotoGP	QP1
2:35pm-2:50pm	MotoGP	QP2
3:10pm-3:25pm	Moto2	QP1
3:35pm-3:50pm	Moto2	QP2
4:10pm-4:50pm	MotoE	E-Pole

## RACE SUNDAY, JUNE 6

09:00am-09:20am	Moto3	WUP
09:30am-9:50am	Moto2	WUP
10:00am-10:20am	MotoGP	WUP
11:20am	Moto3	Race (21 laps)
1:00pm	MotoGP	Race (24 laps)
2:30pm	Moto2	Race (22 laps)
4:00pm	MotoE	Race (7 laps)



**FABIO QUARTARARO - PETRONAS YAMAHA SRT:**  
Winner of the 2020 race

I am so happy about today after not being on the podium for such a long time. The race was really good and I had a great feeling with the tires. I was really happy about the choice of soft-soft tires, nearly everybody took these tires, but I felt great with them and also in qualifying.



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



## 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.

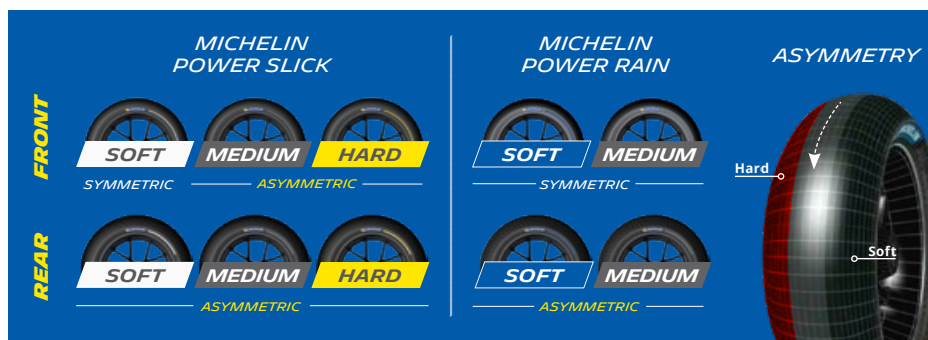
**PIERO TARMASSO**  
Michelin Motorsport  
Two-Wheel Manager



### OUR 2021 ALLOCATION WILL PRODUCE SOME FAST LAP-TIMES

We know the Barcelona-Catalunya circuit very well from our past visits for testing and races, so I am sure that in addition to offering consistency and high levels of grip, our 2021 allocation will produce some fast lap-times and exciting racing in both the MotoGP™ and MotoE races. However, from a logistical perspective

this is a challenging race due to the fact that our team will initially need to drive the 875 kilometres from Mugello to our base in Clermont-Ferrand immediately after the race to load up the trucks with the Catalunya allocation, before continuing their journey 600 kilometres south to Barcelona.



MOTOGP™ MICHELIN'S RECORD

**453**  
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

111	9	27	12
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### RECORD WITH MICHELIN

9	27	12	0
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**FABIO QUARTARARO**  
#20



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

39	6	14	14
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### RECORD WITH MICHELIN

6	14	14	0
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## REPSOL HONDA TEAM

**MARC MÁRQUEZ**  
#93



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

132	56	95	62
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### RECORD WITH MICHELIN

32	56	32	4
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**POL ESPARGARÓ**  
#44



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

124	0	6	2
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### RECORD WITH MICHELIN

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

## PETRONAS YAMAHA SRT

**FRANCO MORBIDELLI**  
#21



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

55	3	6	2
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### RECORD WITH MICHELIN

3	6	2	0
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**VALENTINO ROSSI**  
#46



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

360	89	199	55
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### RECORD WITH MICHELIN

65	124	43	5
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## TEAM SUZUKI ECSTAR

**ALEX RINS**  
#42



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

70	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

37	1	9	0
----	---	---	---

### RECORD WITH MICHELIN

1	9	0	1
---	---	---	---

## APRILIA RACING GRESINI TEAM

**ALEIX ESPARGARÓ**  
#41



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

185	0	1	2
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**LORENZO SAVADORI**  
#32



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

9	0	0	0
---	---	---	---

## ESPONSORAMA RACING

**LUCAS MARINI**  
#10



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

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

**ENEA BASTIANINI**  
#23



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

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

## PRAMAC RACING

**JOHANN ZARCO**  
#5



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

72	0	10	5
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0	10	5	0
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**JORGE MARTIN**  
#89



Born: January 29, 1998  
Grand Prix debut: 2021, Qatar

2	0	1	1
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0	1	1	0
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## TECH 3 KTM FACTORY RACING

**DANILO PETRUCCI**  
#9



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

157	2	10	0
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2	9	0	0
---	---	---	---

**IKER LECUONA**  
#27



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

18	0	0	0
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## RED BULL KTM FACTORY RACING

**BRAD BINDER**  
#33



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

20	1	1	0
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1	1	0	0
---	---	---	---

**MIGUEL OLIVEIRA**  
#88



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

36	2	3	1
----	---	---	---

2	3	1	0
---	---	---	---

## LCR HONDA

**ALEX MÁRQUEZ**  
#73



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

20	0	2	0
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0	2	0	0
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**TAKAARI NAKAGAMI**  
#30



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

53	0	0	1
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0	0	1	0
---	---	---	---

## DUCATI TEAM

**JACK MILLER**  
#43



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

105	3	12	1
-----	---	----	---

3	12	1	0
---	----	---	---

**FRANCESCO BAGNAIA**  
#63



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

36	0	4	1
----	---	---	---

0	4	1	0
---	---	---	---



RACE STARTS



WINS



PODIUMS



POLES



WORLD TITLES



# RIDERS' STANDINGS

RACE				QAT	QAT	PRT	ESP	FRA	ITA	ESP	DEU	NLD	AUT	AUT	GBR	ESP	SMR	JPN	THA	AUS	MYS	ESP	
RIDERS' STANDING	Wins	Podium	Points																				
				01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
				<b>1</b> Fabio Quartararo #20	3	4	105	11	25	25	3	16	25										
<b>2</b> Johann Zarco #5		3	81	20	20	DNF	8	20	13														
<b>3</b> Francesco Bagnaia #63		3	79	16	10	20	20	13	DNF														
<b>4</b> Jack Miller #43	2	2	74	7	7	DNF	25	25	10														
<b>5</b> Joan Mir #36		2	65	13	9	16	11	DNF	16														
<b>6</b> Maverick Viñales #12	1	1	64	25	11	5	9	6	8														
<b>7</b> Aleix Espargaró #41			44	9	6	10	10	DNF	9														
<b>8</b> Brad Binder #33			35	2	8	11	DNF	3	11														
<b>9</b> Franco Morbidelli #21	1		33	0	4	13	16	0	0														
<b>10</b> Miguel Oliveira #88	1		29	3	1	0	5	DNF	20														
<b>11</b> Takaaki Nakagami #30			28	DNF	0	6	13	9	DNF														
<b>12</b> Pol Espargaró #44			25	8	3	DNF	6	8															
<b>13</b> Alex Rins #42			23	10	13	DNF	0	DNF	DNF														
<b>14</b> Danilo Petrucci #9			23	DNF	0	3	2	11	7														
<b>15</b> Enea Bastianini #23			20	6	5	7	DNF	2	DNF														
<b>16</b> Alex Màrquez #73			20	DNF	DNF	8	DNF	10	2														
<b>17</b> Jorge Martin #89	1		17	1	16	DNS	-	-	-														
<b>18</b> Marc Màrquez #93			16	-	-	9	7	DNF	DNF														
<b>19</b> Valentino Rossi #46			15	4	0	DNF	0	5	6														
<b>20</b> Iker Lecuona #27			14	0	DNF	1	1	7	5														
<b>21</b> Stefan Bradl #6			11	5	2	-	4	-	-														
<b>22</b> Luca Marini #10			8	0	0	4	0	4	0														
<b>23</b> Lorenzo Savadori #32			3	0	0	2	0	DNF	1														
<b>24</b> Michele Pirro #51			3	-	-	-	-	-	3														
<b>25</b> Tito Rabat #53			1	-	-	-	0	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**

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**

ENGINE DISPLACEMENT:

**1,000 CC**

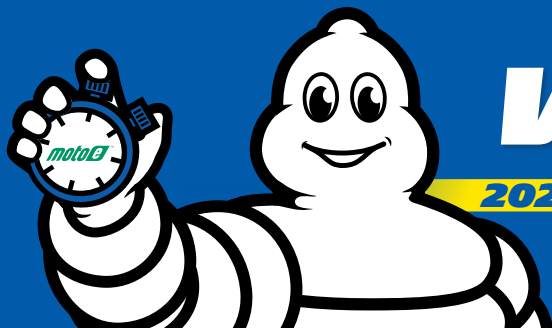
**4**  
stroke

POWER:

**240 HP**

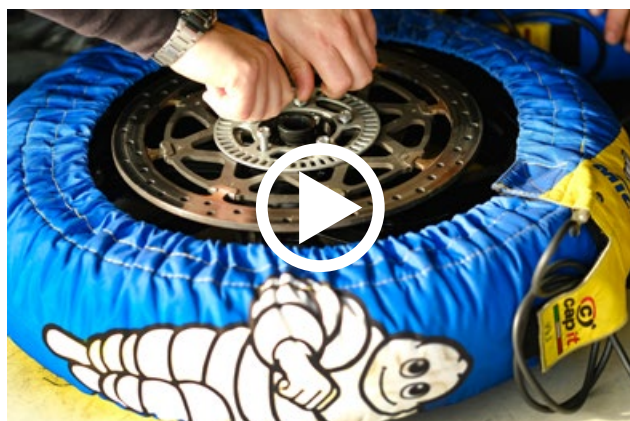






# WORLD CUP

2020 FIM ENEL MotoE™



## 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 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  
Italy

8 🏁 1 🏆 2 🏅 0 🏆

**YONNY HERNANDEZ**  
#68  
Spain

2 🏁 0 🏆 0 🏅 0 🏆

ROOKIE

## OPENBANK ASPAR TEAM

**MARIA HERRERA**  
#6  
Spain

15 🏁 0 🏆 0 🏅 0 🏆

**FERMIN ALDEGUER**  
#54  
Spain

2 🏁 0 🏆 0 🏅 0 🏆

ROOKIE

## LCR E-TEAM

**KEVIN ZANNONI**  
#21  
Italy

2 🏁 0 🏆 0 🏅 0 🏆

ROOKIE

**MIQUEL PONS**  
#71  
Spain

2 🏁 0 🏆 0 🏅 0 🏆

ROOKIE

## TRENTINO GRESINI MOTOE

**MATTEO FERRARI**  
#11  
Italy

15 🏁 4 🏆 7 🏅 1 🏆

1 🏆 World title: 2019

**ANDREA MANTOVANI**  
#9  
Italy

2 🏁 0 🏆 0 🏅 0 🏆

ROOKIE

## AVINTIA ESPONSORAMA RACING

**XAVIER CARDELUS**  
#18  
Spain

9 🏁 0 🏆 0 🏅 0 🏆

**ANDRÉ PIRES**  
#14  
Portugal

2 🏁 0 🏆 0 🏅 0 🏆

ROOKIE

## TECH3 E-RACING

**LUKAS TULOVIC**  
#35  
Germany

9 🏁 0 🏆 0 🏅 0 🏆

**CORENTIN PEROLARI**  
#19  
France

2 🏁 0 🏆 0 🏅 0 🏆

ROOKIE

## ONGETTA SIC58 SQUADRA CORSE

**MATTIA CASADEI**  
#27  
Italy

15 🏁 0 🏆 4 🏅 0 🏆

## PONS RACING 40

**JORDI TORRES**  
#40  
Spain

9 🏁 1 🏆 5 🏅 4 🏆

1 🏆 World title: 2020

**JASPER IWEMA**  
#53  
Netherlands

2 🏁 0 🏆 0 🏅 0 🏆

ROOKIE

## ONE ENERGY RACING

**ERIC GRANADO**  
#51  
Brazil

14 🏁 2 🏆 4 🏅 5 🏆

## AVANT AJO MOTOE

**HIKARI OKUBO**  
#78  
Japan

2 🏁 0 🏆 0 🏅 0 🏆

## DYNAVOLT INTACT GP

**DOMINIQUE AEGERTER**  
#77  
Switzerland

9 🏁 2 🏆 5 🏅 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'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



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



# MICHELIN POWER

## OVER 30 WORLD TITLES

### SINCE 1973



MFP: Michelin, Place des Carmes Déchaux, 63 040 Clermont-Fd, 855 20 0507 R. S. | remont-Fd, Photo Lukasz Swiderek 2020



**MICHELIN POWER**  
The winning tire range with over 450 wins and 31 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.