



## **How Will The New E10 Petrol Affect Your Garden Machinery?**

We know there are many debates taking place right now about E10 petrol and how it will affect petrol tools. According to [www.gov.uk](http://www.gov.uk), E10 petrol will become the standard grade in the UK from summer 2021.

E10 petrol will contain up to 10% renewable ethanol. This is intended to help reduce CO2 emissions, but we know that some of you may have concerns about how this will affect your petrol tools.

### **Is my machine compatible with E10 petrol?**

You need to consult your engine manual to see if the engine will work with fuel with an ethanol content up to 10%.

Stihl have confirmed the new E10 petrol will not cause a problem with your Stihl petrol tool.

Honda have advised to consult your owner's manual for fuel details.

### **Will my machine require any adjustments to work with E10 petrol?**

You may find the carburetor will require adjustment due to the changed composition of the fuel.

### **Can I store my machine with E10 petrol in it?**

With regards to storing the new E10 petrol, the manufacturers we have had confirmation from are advising that machines should not be stored with any E10 petrol in to avoid any blockages in the fuel delivery parts of the machine.

### **How long can you store E10 petrol?**

Due to the E10 petrol degrading faster than the current E5, it is advised that it is stored for no longer than 30 days in order to minimize the degree of fuel segregation. This is when the moisture in the air binds with the ethanol and settles on the bottom of the canister. This can cause running problems and shaking the container does not completely resolve fuel segregation.

E10 petrol degrades faster, therefore resulting in water accumulation in the fuel tank (risk of rust and reduced efficiency) and faster formation of gums and varnishes.



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### **Can I do anything to prolong the shelf life of E10 petrol?**

There are fuel stabiliser's available that will prolong the life of the fuel for up to 6 months, please see manufacturer's instructions for further details.

Alternatively, for Stihl products, the patented fuel formula MotoMix is available. STIHL MotoMix is completely free from ethanol and has virtually no olefins or aromatic compounds. Emission-wise, this makes it a cleaner, more environmentally-friendly choice than regular fuels, plus it lasts longer so you can store it for up to 5 years.