

UNE VOITURE EN CANNABIS

UN PROTOTYPE FORD DE 1941

Henry Ford faisait aussi pousser de la marijuana dans son domaine (à Iron Mountain, USA) après 1937, peut-être bien pour prouver le bas prix de la production de méthanol. Il a même réalisé des voitures en plastique avec de la paille, du chanvre (hemp), et du sisal (voir l'article de Popular Mechanics paru en Décembre 1941, reproduit ci-dessous).

Pendant ce temps, Rudolph Diesel inventait le moteur diesel, qu'il avait l'intention d'alimenter "avec une variété de carburants, particulièrement végétal et à base d'huiles de graines".

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Auto Body Made of Plastics Resists Denting Under Hard Blows



Car with plastic body hints possible end of steel bodies

After twelve years of research, the Ford Motor Company has completed an experimental automobile with a plastic body. Although its design takes advantage of the properties of plastics, the streamline car does not differ greatly in appearance from its steel counterpart. The only steel in the hand-made body is found in the tubular welded frame on

which are mounted 14 plastic panels, 1/8 inch thick. Composed of a mixture of farm crops and synthetic chemicals, the plastic is reported to withstand a blow 10 times as great as steel without denting. Even the windows and windshield are of plastic. The total weight of the plastic car is about 2,000 pounds, compared with 3,000 pounds for a steel automobile of the same size. Although no hint has been given as to when plastic cars may go into production, the experimental model is pictured as a step toward materialization of Henry Ford's belief that some day he would "grow automobiles from the soil."

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POPULAR MECHANICS



Above, quarter-scale model of Ford plastic car and its welded tubular steel frame

Last year Westinghouse recovered 60,000 gallons of paint that "leaked" in spraying

OVER in England it's saccharine for sugar; on the continent it's charcoal "gasogenes" in the rumble seat instead of gasoline in the tank. Here in America there's plenty of sugar, plenty of gasoline. Yet there's an industrial revolution in progress just the same, a revolution in materials that will affect every home.



Here is the auto Henry Ford "grew from the soil." Its plastic panels, with impact strength 10 times greater than steel, were made from flax, wheat, hemp, spruce pulp



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When Henry Ford recently unveiled his plastic car, result of 12 years of research, he gave the world a glimpse of the automobile of tomorrow, its tough panels molded under hydraulic pressure of 1,500 pounds per square inch from a recipe that calls for 70 percent of cellulose fibers from wheat straw, hemp and sisal plus 30 percent resin binder. The only steel in the car is its tubular welded frame. The plastic car weighs a ton, 1,000 pounds lighter than a comparable steel car. Manufacturers are already talking of a low-priced plastic car to test the public's taste by 1943.

Source : "The EMPEROR WEARS NO CLOTHES" JACK HERER