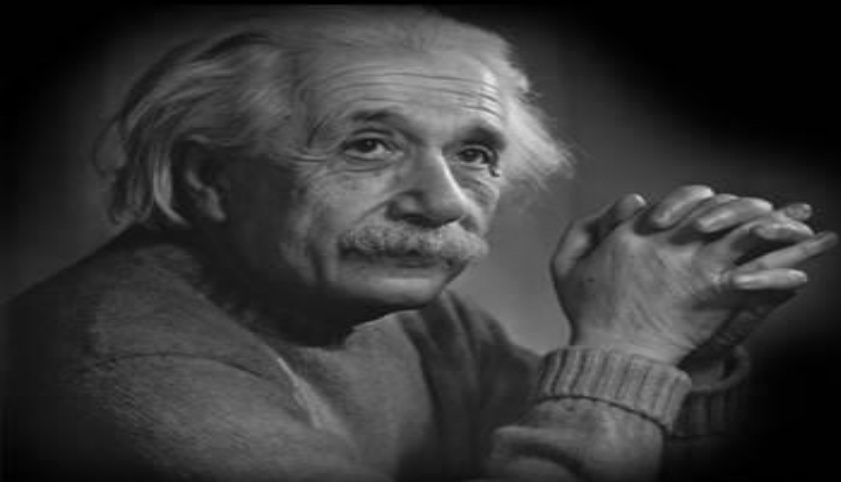




Conservation Agriculture : A part of the solution....

Sarah Singla
Farmer, APAD Vice-Chaiman

**We cannot solve our
problems with the same
thinking we used when
we created them.**



Albert Einstein

German Theoretical-Physicist

(1879-1955)

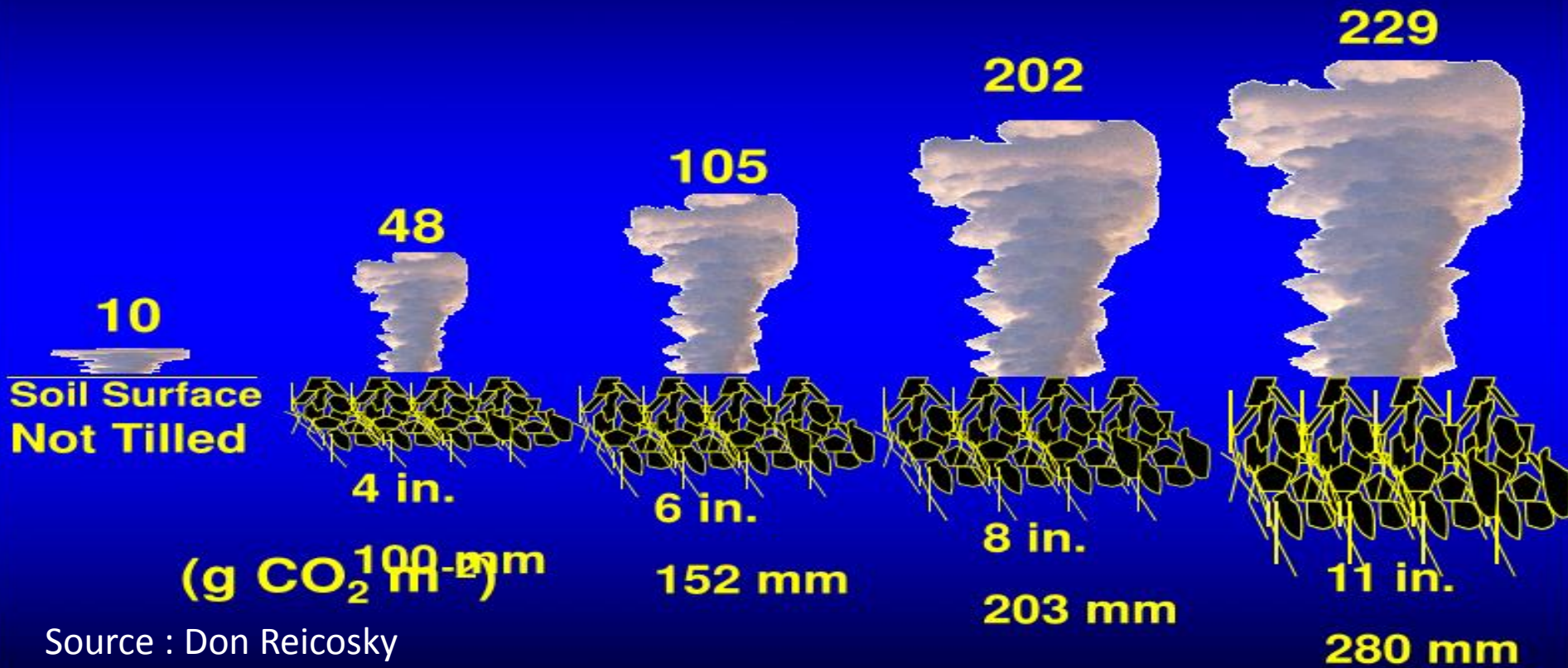
QuoteHD.com

Losses of CO₂



Losses of CO₂

12 Aug., 1998 Plow Depth Study Swan Lake Farm
 Pertes cumulées de CO₂ en 24 heures

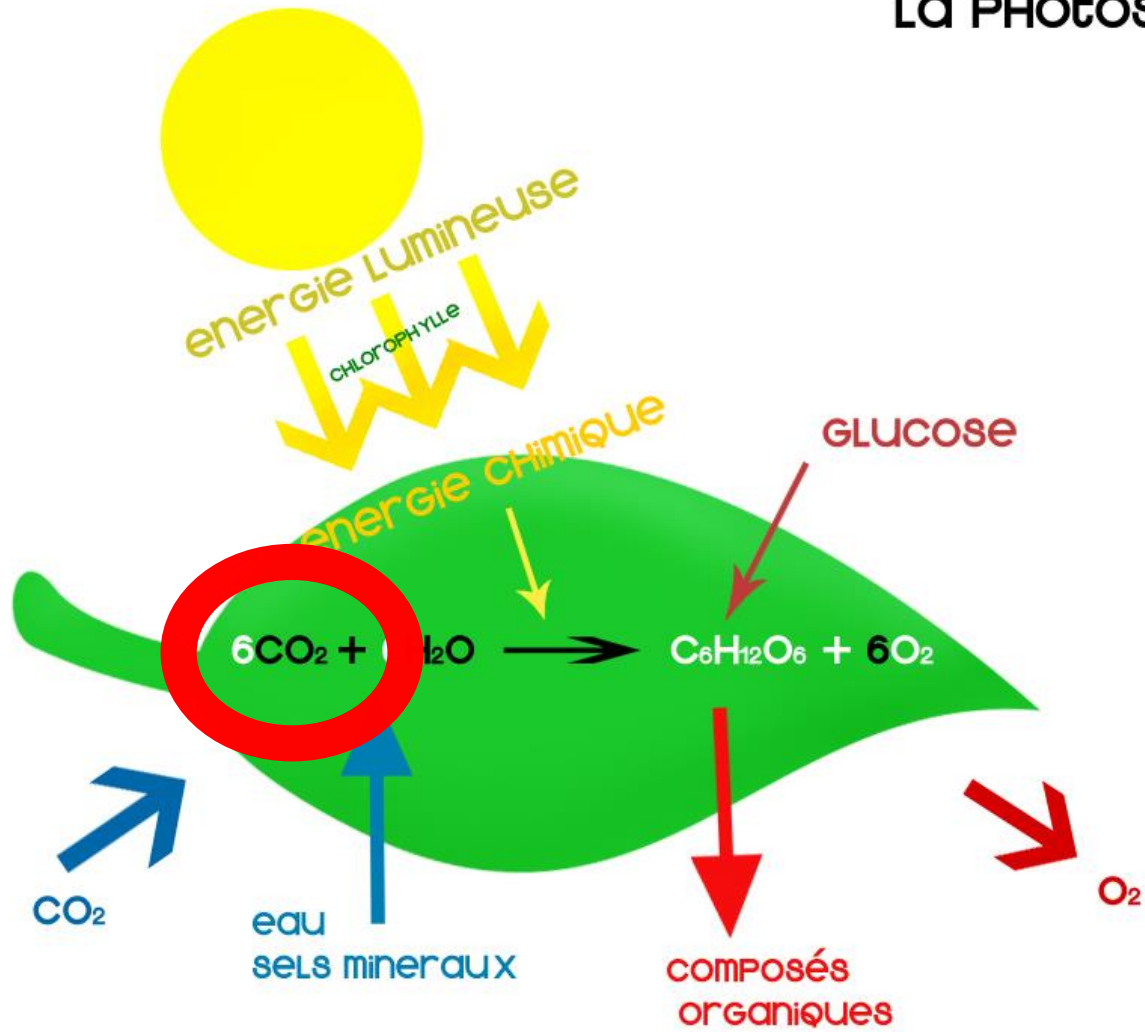


Source : Don Reicosky

We are falling short on climate change goals and we know agriculture should play a bigger role...



La PHOTOSYNTHESE



Change the way you see...

A fallow

A well cultivated field



Carbon Sequestration

Carbon Losses....

Crédit photo : M. Archambeaud

A system made of 3 Principles

Permanent soil covered



No disturbance



Diversified rotation



Conservation agriculture is a **win-win** situation

Permanent soil covered



No disturbance



Diversified rotation



It mitigates climate change by reducing carbon in the atmosphere and adapts to climate change



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Tournesol

Radis

Maïs

Feverole

Sarrasin

Phacélie

Lupin

Lin

Nyger

Trefles



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Facts : Where are we today ?

- Farmers globally switched **10 million hectares** to Conservation Agriculture, **reducing CO2** in the atmosphere by nearly **20 million tonnes**
- But **only 4%** of European farms are under CA



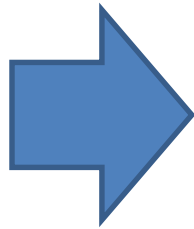
Yesterday



Today

Obstacles for CA dissemination :

Economic
Sociologic
Agronomic
Regulatory
Communication



- No help for farmers who take risk
- Difficulties for changing mentality
- System needs to be improved
- Some regulation not adapted (Nitrogen)
- No CA visibility in agricultural area

(French survey conducted in 2016)

Levers for CA dissemination :

- Recognition of CA (definition)
- Recognition of farmer to farmers learning
- Build qualifying trainings around soil
- Measures to encourage investment in CA
 - Payments for ecosystem services
 - Help for Financial autonomy for farmers group
 - Insurance system for facilitating transition to CA
- Mobilize researchers program, with farmers into the governance, to improve system
- Specific regulatory arrangements for CA
- Valorization of CA products

Should we waste money in an agriculture which uses tools from the middle age ?



Yesterday

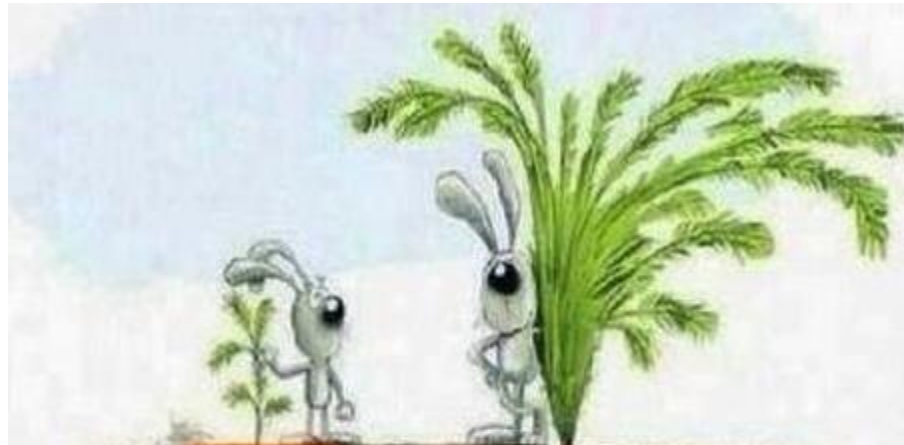


Today

Or should we spend money in a performing agriculture based on soils regeneration ?

Success...

It's not always what you see





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And if Conservation Agriculture was the solution....

 ***Just Do It...***

