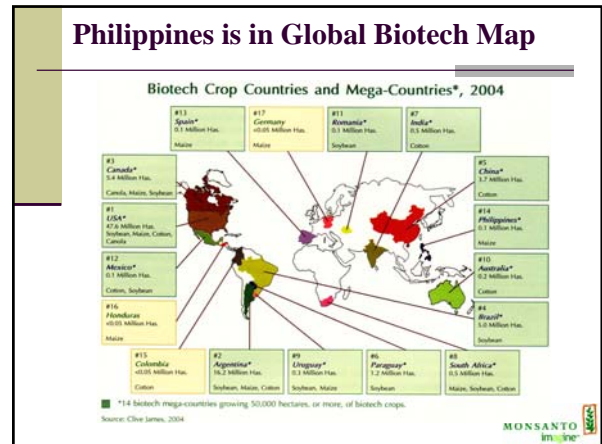




Roundup Ready Corn A Newly Approved Agbiotech Product for Filipino Corn Farmers

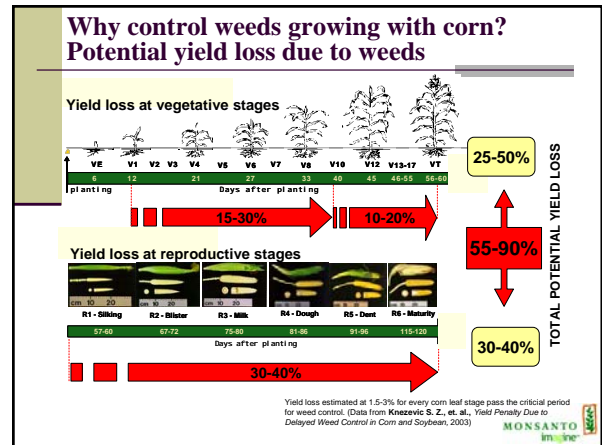
4th Philippine National Corn Congress
Leisure Coast Resort, Dagupan City, Pangasinan
May 4-5, 2006

Weeds are Nemesis to Corn Production



MONSANTO 




Current Weed Control Methods




Off-barring | Hilling-up | Hand-weeding | Selective herbicide application

MONSANTO 

Yield loss with current practices



Yield loss due to weeds in farmers' field accounts for 15-30% equivalent to 0.75-1.5 tons of grain per hectare

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Our Weed Control Technology Alternative

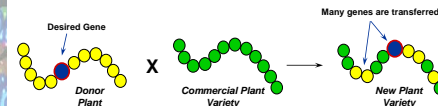


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Roundup Ready® Corn is a Product of Modern Plant Biotechnology

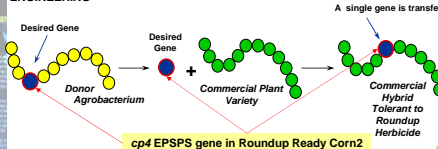
TRADITIONAL PLANT BREEDING

Traditional plant breeding combines many genes at once.



PLANT BIOTECHNOLOGY / GENETIC ENGINEERING

Using plant biotechnology, you can add a single gene to the strand.



cp4 EPSPS gene in Roundup Ready Corn2

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Main Feature of Roundup Ready® Corn

The Roundup tolerant trait present in Roundup Ready corn allows in-crop Roundup applications without causing injury to the corn plant



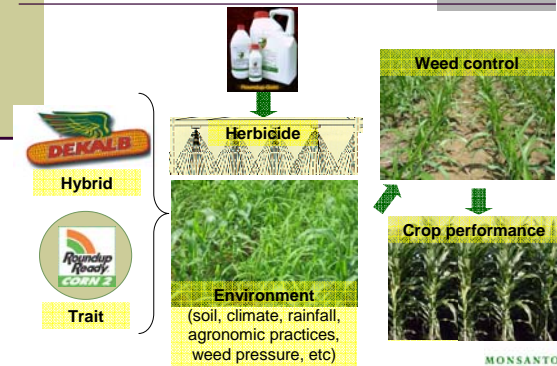
1st application, over-the-top at V2-V4



Follow up 2nd application, base-directed (V10-V12)

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Roundup Ready® Corn Works as a System



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How does Roundup Ready® weed control system compare with current weed control practices?

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Roundup Ready® system vs. Unweeded



RoundUp-Ready Corn at 25 DAP, 10 days after Roundup application at 2L/ha



Unweeded at 25 DAP

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Roundup Ready® system vs. Unweeded



RoundUp-Ready Corn after 2 RUP applications Unweeded at flowering stage



Roundup Ready® system vs. Pendimethalin



RoundUp-Ready Corn at 30 DAP, 10 days after Roundup application at 2L/ha Conventional Corn at 30 DAP, treated with Herbadox at planting



Roundup Ready® system vs. Atrazine



Conventional Corn sprayed pre-emergent w/ Atrazine & off-barrred at 20 DAP RoundUp-Ready Corn at 35 DAP, 15 days after Roundup application at 2L/ha



Roundup Ready® system vs Paraquat



RoundUpReady Corn at 35 DAP, 15 days after Roundup application at 2L/ha In crop Paraquat application



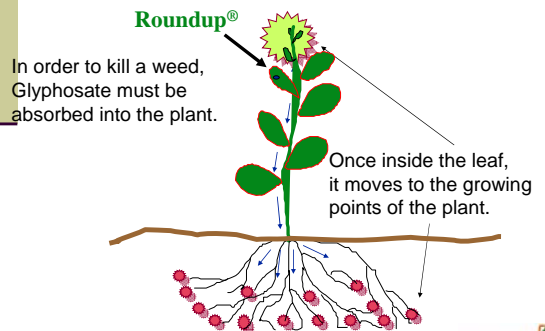
Roundup Ready® system vs. Inter-row cultivation + hand-weeding

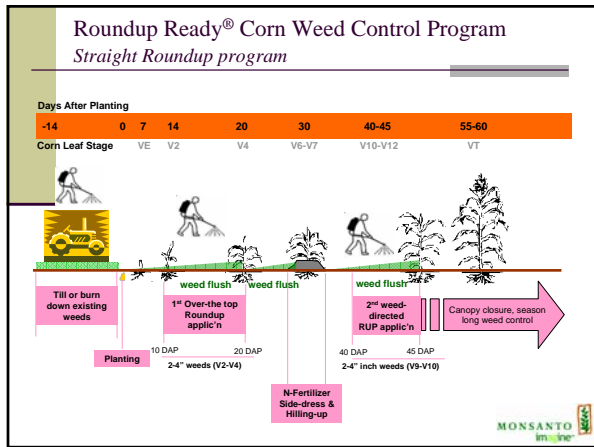
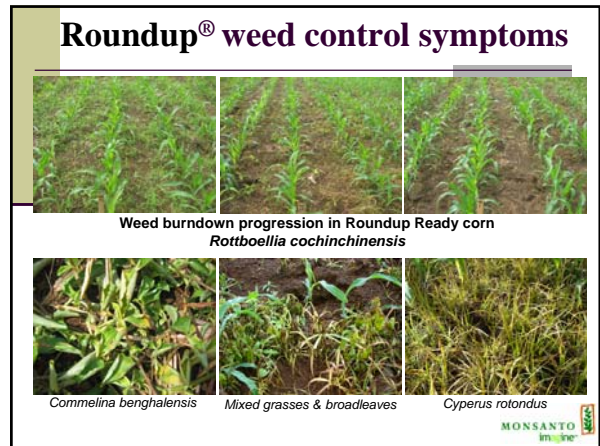
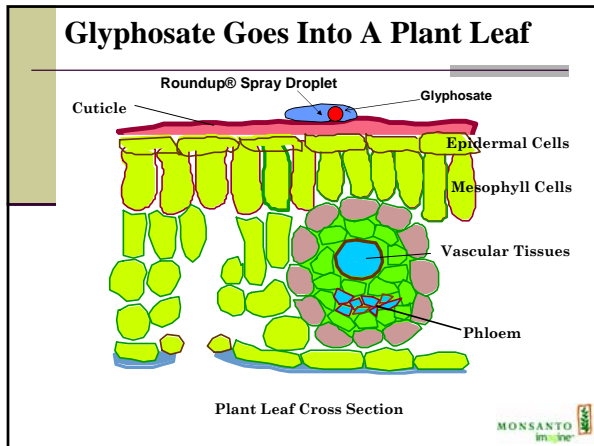


Off-barring + HW at 20 DAP followed by hilling-up at 30 DAP RoundUp-Ready Corn after 2 Roundup applications at 2L/ha



How Roundup Kills Weeds







Preventing crop injury

This is not Roundup-tolerant corn

MONSANTO *imagine*

Possible effects of imitator products

Crop injury due to Glyphomax® treatment in Roundup Ready Corn

Leaf malformation in RR Corn caused by Touchdown® treatment

Glyphomax® is a registered trademark of Dow AgroSciences LLC.
Touchdown® is a registered trademark of Syngenta Company.

MONSANTO *imagine*

Formulation variability from generic glyphosate product*

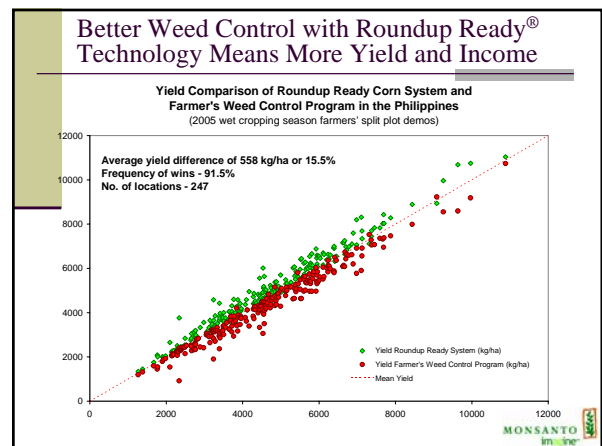
*Generic glyphosate in this example refers to products of Chemical Products Technologies, LLC with the EPA number 75455.

MONSANTO *imagine*

Preventing crop injury

Equipment was used with paraquat before spraying in RRC w/o prior cleaning

MONSANTO *imagine*



Summary of Benefits of Roundup Ready Corn



Simplicity & convenience
Application flexibility
Superior & broad spectrum weed control
Outstanding crop safety
Better value (yield, low tillage)



You may still
want this...



Or you can
have this...



The choice is yours

