

Rotary Combines Cut Corn Drying Cost

NEW HOLLAND — Rotary combines give you lower grain cost and a bonus in grain quality grade. The benefit is the result of the low-damage shelling and greatly reduced dirt and fines in the grain tank, says Ray Nooyan of New Holland.

When you store cleaner grain without the fines and dirt, you're on the way to more efficient drying

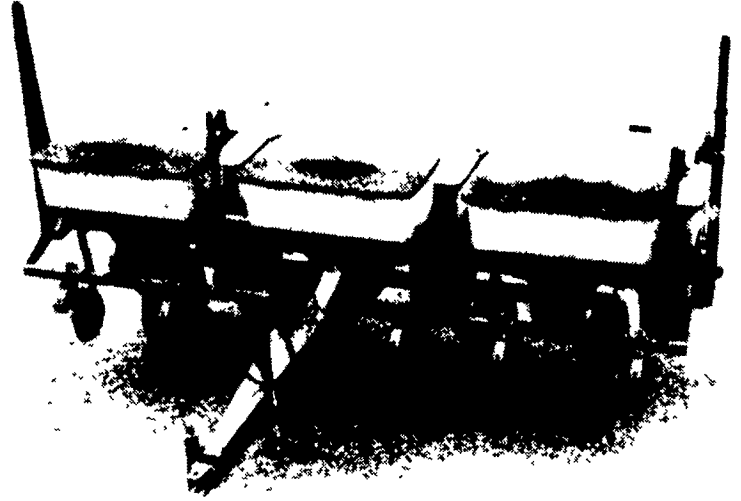
because the drying air can circulate through the grain much more readily.

Grain drier capacity is reduced when you dry grain with fines and dirt because the fines block the air spaces between the kernels. Air pressure goes up, and fan volume drops off. Because of the lower volume of air, temperature will rise and grain may overheat if the

burners aren't cut back. Getting the dirt out before the grain goes into the drier avoids the problem.

Grain harvested by rotary combines compares favorably with recleaned grain harvested by a conventional combine, according to Nooyan, who is product manager for combines at New Holland. This gives the rotary operator more efficient drying. Conventional combine operators can get part of the rotary advantage by recleaning grain before drying.

But rotary combines do more than give you grain that's comparable to recleaned grain from a conventional combine, Nooyan points out. They thresh with less grain damage. This reduced kernel damage "goes the second mile" for you in improved drier operation. Grain that isn't already cracked and scuffed before it gets to the drier seems to come out in better shape, too. It's this final, dried grain that you get paid for and that's what the elevator checks for quality. Rotaries give you a competitive edge because they improve the harvest all the way to the elevator.

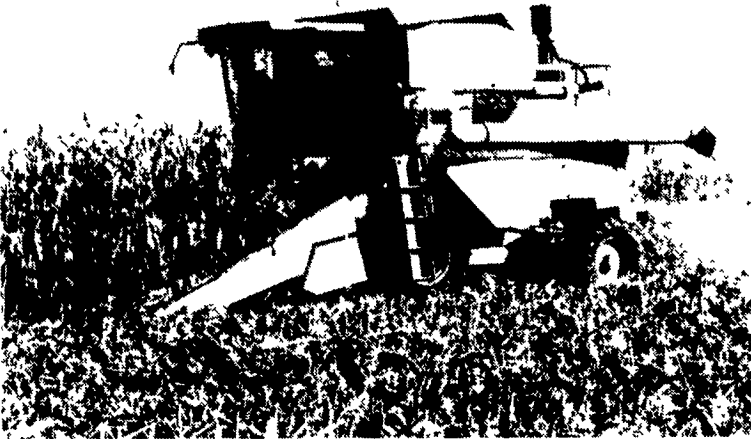


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Because they shell corn with less fines and dirt, rotary combines enable driers to operate more efficiently.

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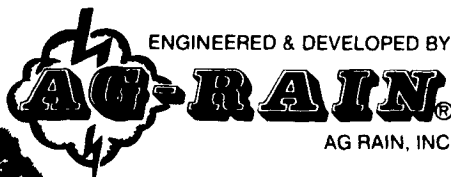


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