

Achieving a Balance Between POWER and EQUIPMENT EFFICIENCY

AGROECOPOWER[®] EXAMPLES

EXAMPLE TRACTOR

JD 8295R 2010 - 2017 Series

ORIGINAL

295 HP, 950 lb/ft

AEP MODIFICATION

375 HP, 1200 lb/ft

RESULTS

TRANSPORT:

- + 26 - 32 MPH
- + 20% BETTER FUEL ECONOMY

PLANTING:

- + 0.5 - 4 MPH
- + 20% BETTER FUEL ECONOMY

FIELD WORK

- + 0.5 - 2 MPH
- +20% BETTER FUEL ECONOMY

TRACTOR IS RUNNING STRONGER
AT LOWER RPM's + INCREASED
LUGGING POWER BETWEEN
1750 - 1950 RPM's.

EXAMPLE COMBINE

JOHN DEERE S680

ORIGINAL

470 HP

AEP MODIFICATION

540 HP

RESULTS

CORN:

- + 1 - 3 MPH
- + 2 - 4 gal/h BETTER FUEL ECONOMY
- 12 ROW CORN HEAD

BEANS:

- + 0.5 - 2 MPH
- + 2 - 5 gal/h BETTER FUEL ECONOMY
- DRAPER HEAD 40 ft.

WHEAT:

- + 3.5 gal/acre BETTER FUEL ECONOMY
- + 35 acres per day

COMBINE IS MAINTAINING RPM's
IN HILLY CONDITIONS AND
UNLOADING ON GO WITH
LOWER % ENGINE LOAD.



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