

2016 National FFA Agronomy

Career Development Event

MACHINERY AND APPLICATION COSTS

Planting with anhydrous ammonia	\$12.00 per acre
Planting with dry fertilizer only	\$11.00 per acre
Spreading dry fertilizer (your spreader)	\$3.30 per acre
Spraying (your sprayer)	\$4.00 per acre
Air application (hired)	\$8.00 per acre
Hauling grain (your truck)	\$0.11 per bushel
Hauling straw (your truck)	\$4.50 per ton
Baling straw	\$18.75 per acre
Custom harvest (hired)	\$18.00 per acre

FERTILIZER COSTS—Round all fertilizer amounts to the nearest 0.1 lb/acre and the nearest 0.01 tons at each mathematical step when doing your calculations.

Anhydrous ammonia (82-0-0)	\$470 per ton
Urea (46-0-0)	\$310 per ton (dry)
MAP (11-52-0)	\$415 per ton (dry)
AMS (21-0-0-24) (sulfur source)	\$355 per ton (dry)
KCL (0-0-60)	\$395 per ton (dry)

FOR EVENT USE ONLY

CHEMICAL COSTS

Axial Star	\$148	gallon (bulk)
Baythroid XL	\$188	gallon (jug)
Brox-M	\$37	gallon (bulk)
Huskie Complete	\$148	gallon (bulk)
Proline 480	\$524	gallon (2.5 gallon jug)
Prosaro	\$249	gallon (2.5 gallon jug)
Stinger	\$186	gallon (1 gallon jug)
Trophy Gold	\$39	gallon (2.5 gallon jug)
Wolverine	\$352	case (4.25 gallon case)

Bulk chemical is purchased by gallon. Other chemicals are purchased by jug or case as listed.

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