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SPECIAL OF THE MONTH



1990 Air Tractor, AT 502, N45113
S/N: 502-0094, 8757.7 AF/TT

AIRCRAFT FOR SALE

THRUSH

1994 AYRES, S2R-T34, N94PR
7700 A/F TT
1994 AYRES, S2R-T34, N3024V
2850.0 A/F TT
1995 AYRES, S2R-G6, N3160M
1193.4 A/F TT
1996 AYRES, S2R-T34, N2246J
8352 A/F TT
2012 THRUSH, S2R-T34, N3000H
2400 A/F TT, 600.0 IRAN
2012 THRUSH, S2R-T34, N3052V
1896.76 A/F TT
2013 THRUSH, S2R-H80, N3046N
1600.0 A/F TT
2013 THRUSH, S2R-T34, N3006J
2606.67 A/F TT
2014 THRUSH, S2R-T34, N6203D
1313.3 A/F TT
NEW 2019 THRUSH w/AIR (CALL FOR INFO)

AIR TRACTOR

1990 Air Tractor, AT-502, N45113
8756.7 A/F TT
1998 Air Tractor, AT-602, N5175V
10,396.6 AF TT

AG CAT

1975 AG CAT, G-164A, N48399
3162.0 A/F TT, SATLOC, SS BOOMS, AIR, 119 GAL FUEL
1974 AG CAT, G-164, N9688
90 A/F TT
1964/2018 AG CAT, G164, N705Y
Totally dismantled and completely rebuilt!

AG CESSNA

2008 AVIAT HUSKY A-1C-180, N188F
790 A/F TT, E&P



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2013 International Dura Star 4300 DT

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2006 International 4300 DT466

Stainless auger and bed with scales, hydraulic gate, hydraulic sock, hydraulic fuel, dribble valve, chain drive auger, fold over 12" auger



2004 International 4300 DT466

6 speed, 750 gallon fuel with Honda G x 160 pump, stainless hopper with scales, stainless auger chain drive, manual gate, air brakes, straight auger 12"



Aerial Application Advantages

Aerial application provides growers with substantive advantages over ground application systems. *AgAir Update*, an industry publication, outlined the advantages in a 2016 article.

No Soil Compaction

Driving ground equipment through a field leaves wheel tracks and compacts soil particles, reducing pore space and restricting oxygen and water movement into and through the soil and root zone. Compaction can sometimes make the soil solid like a brick, reducing yields.

Height Provides Uniformity

The extra height above the crop canopy with aerial application can help create a more uniform spray pattern. Nozzles can be too close to their target and give an uneven application, especially when a ground boom does not stay level in rough and uneven terrain. Aerial application can also apply seed and dry fertilizer formulations more uniformly than ground application, giving higher yield potential.

Moving Ground Equipment Can Damage Crops

Moving ground equipment through a field also inevitably damages the crop, sometimes up to five percent of the plants. That damage can reduce crop yield much more than the cost of an aerial application.

Times Is Money

Waiting to apply pesticides often costs growers money. The quicker growers control a pest problem, the greater the yield benefit. Often, weather only gives a small window to apply pesticides over today's large farms. Aerial applicators can start applying pesticides earlier as they do not have to waste precious time waiting for soil to dry.



Application Flexibility

Sometimes growers want to delay applications to reduce input costs, particularly when crop prices are low. Their hope is that the pest infestation will not develop enough to reduce yield, or that only one application will be effective if they wait for weeds to germinate or insects to hatch. When growers wait, aerial application is the best way to go. A crop never gets too big to make an aerial application, although the applicator will probably need to add a deposition and retention adjuvant to get the spray to penetrate the canopy and deposit where the pests are.

Expanded Application Opportunities

Late season application of pesticides and fertilizers are a rapidly growing opportunity for aerial application. Growers increasingly need to apply fungicides, fertilizer, insecticides and plant growth regulators at late crop stages. The crop is never too big for aerial application although you will likely need a deposition and retention aid to get a pesticide to penetrate into the canopy and deposited where needed.