

Experiment Info:

Planted:	04/16/14
Harvest:	09/12/14
Yield Goal:	100
Target Fert.:	90-20-0
Variety:	Jedd
Population:	90 lb planted
Row Width:	7.5"
Prev. Crop:	wheat
Plot Size:	6' x 30'
Replications:	4

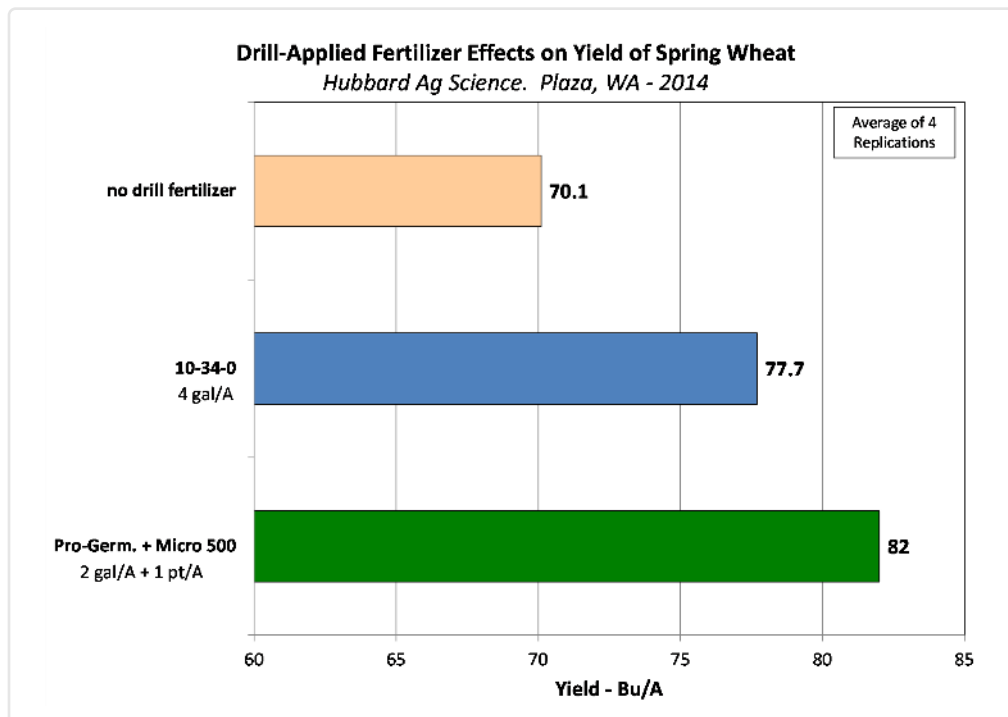
Soil Test Values (ppm):

pH:	7.4
CEC:	17.1
%OM:	1.73.9
Bray P1:	
Bicarb P:	20
K:	672
S:	10
%K:	14.5
%Mg:	15
%Ca:	69
%H:	
Zn:	1.9
Mn:	20
B:	0.64

Objective:

Compare drill fertilizer applications for effect on yield of spring wheat.

Application of liquid fertilizer with a drill is an effective and efficient method of nutrient application. Seed safety with fertilizers applied directly on the seed is less of a concern due to the narrow row spacing and less fertilizer material applied per row. Standard fertilizer application in the Palouse region of the Pacific Northwest is an if-furrow application of 10-34-0. In this experiment, a comparison rate of Pro-Germinator + Micro 500 was applied for comparison. Additionally, several fertilizer additives were applied in addition to this, including, Sure-K, Kalibrate, eNhance and Liberate Ca. Yield of the main treatments are in the following chart.



Conclusions:

- Both drill applied fertilizers produced yields that were significantly higher than that of the check. The lower volume of the AgroLiquid treatment would be an advantage for planting more acres between fill-ups.
- Unfortunately, none of the fertilizer additives resulted in yields that were higher than that of the Pro-Germinator + Micro 500 only.