Cropland Solutions Inc.
EMPOWERING FARMERS

MARA

2020 Field Trial Research Data Results

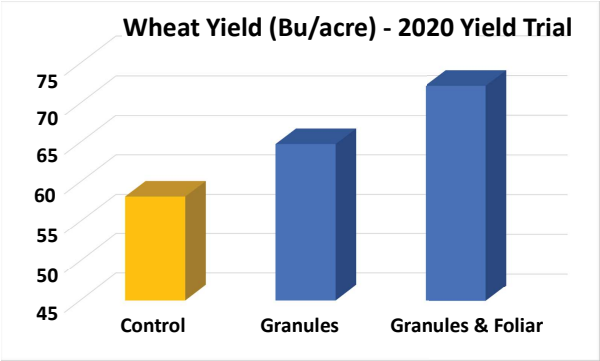
Experimental Plots - Fort Vermillion, Alberta

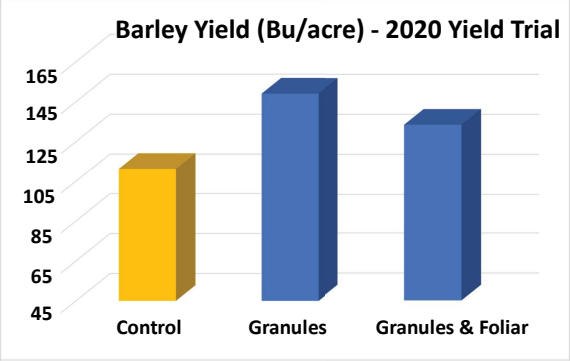
Crops Tested:

- Wheat - Alvena
- Barley - Austenson
- Peas - CDC Meadow

Cropland products used for trials:

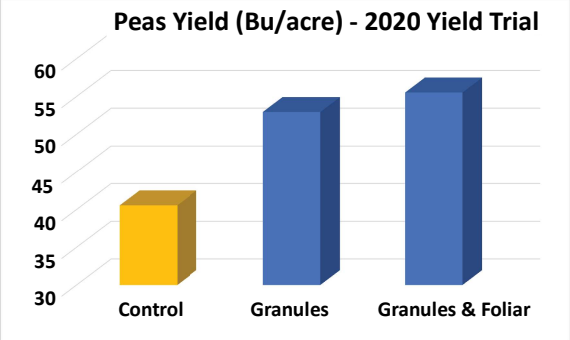
1. Vigor Plus
2. Elite GRO
3. Granule Blend
4. Prime Micro Cu





Organic

Pro-Cert
APPROVED INPUT



Wheat, Barley & Peas	Vigor Plus Seed Treatment	Seed Row Fertilizers (Granules)		Foliar Application (Rate 10 gallon/ acre)		
		Elite GraN (9-4-0)	Elite PhoS (0-17-0)	Vigor Plus	Elite Gro (10-0-4)	Prime Micro Cu
Control	–	–	–	–	–	–
Granules	✓ YES	30 lbs/ acre	40 lbs/ acre	–	–	–
Granules & Foliars	✓ YES	20 lbs/ acre	30 lbs/ acre	200 ml X 2	3 lbs X 2	0.5 lbs X 1

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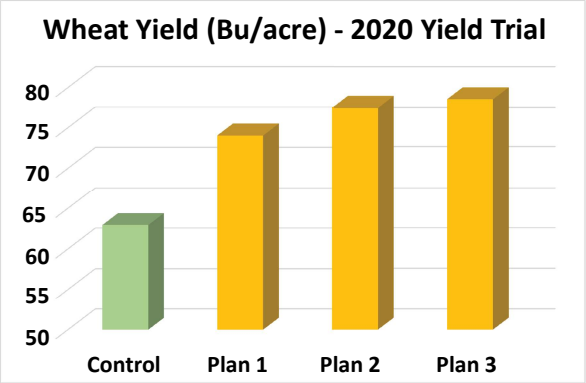
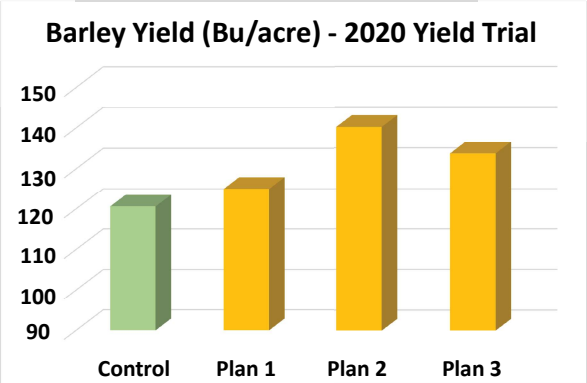
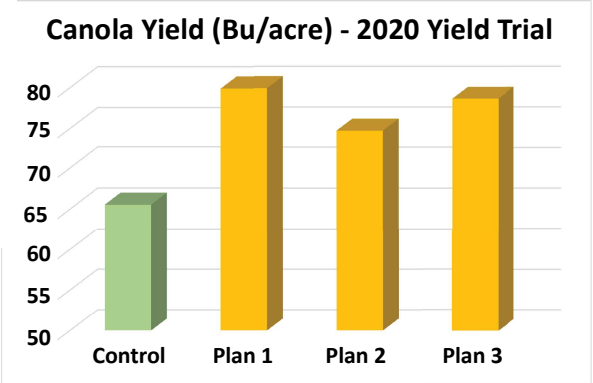
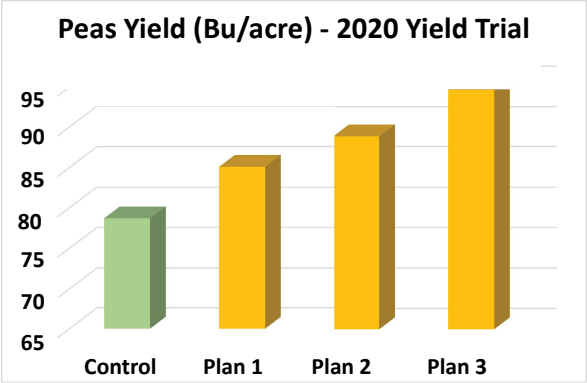
Wheat (Stettler) Barley - (CDC Coalition)	Vigor Plus Seed Treatment	Seed Row Fertilizers	Foliar Application (Rate 10 gallon/ acre)			
			Optimize	Vigor Plus	Premium PhoS	Prime Mico Cu
Control	—	Recommended	—	—	—	—
Plan 1	✓ YES	20% less than control	80ml X2	200 ml X 2	—	0.5 lbs X 1
Plan 2	✓ YES	20% less + High N (7-6-4) 30lbs/acre	80ml X2	200 ml X 2	4 lbs X 2	0.5 lbs X 1
Plan 3	✓ YES	20% less + High N (7-6-4) 30lbs/acre	80ml X2	—	4 lbs X 2	—

Conventional









Canola - (Invigor L252) Peas - AAC Carver	Vigor Plus Seed Treatment	Seed Row Fertilizers	Foliar Application (Rate 10 gallon/ acre)			
			Optimize	Vigor Plus	Premium PhoS	Prime Mico Cu
Control	—	Recommended	—	—	—	—
Plan 1	YES- Pea only	20% less than control	80ml X2	200 ml X 2	—	—
Plan 2	YES- Pea only	20% less + High P (2-17-4) 30lbs/acre	80ml X2	200 ml X 2	4 lbs X 2	—
Plan 3	YES- Pea only	20% less + High P (2-17-4) 30lbs/acre	80ml X2	—	4 lbs X 2	—