



## 2022 Maritime Spring Wheat Cost Guide

With the 2022 growing season coming up there is a lot to think about and it can sometimes be difficult to make a decision on what crop to grow in your fields. If you are new to growing spring wheat or are interested in production costs below is a short guide that you can use as a starting point.

<p><b><u>Option 1:</u></b></p> <p><b>Varieties:</b> AAC Scotia or AC Walton</p> <p><b>Seeding Rate:</b> 170lbs/acre</p> <p><b>Seeding Date:</b> Early Spring</p> <p><b>Nitrogen Application:</b> 90 lbs/acre</p> <p><b>Herbicide:</b> MCPA or Refine M</p> <p><b>Fungicide:</b> Early season (e.g. Bumper) then at heading (e.g. Miravis Ace)</p>	<p><b><u>Option 2:</u></b></p> <p><b>Varieties:</b> AAC Scotia or AC Walton</p> <p><b>Seeding Rate:</b> 170lbs/acre</p> <p><b>Seeding Date:</b> Early Spring</p> <p><b>Nitrogen Application:</b> 130 lbs/acre</p> <p><b>Herbicide:</b> MCPA or Refine M</p> <p><b>Fungicide:</b> Early season (e.g. Bumper) then at heading (e.g. Miravis Ace)</p> <p><b>Plant Growth Regulator (PGR):</b> e.g Moddus</p>
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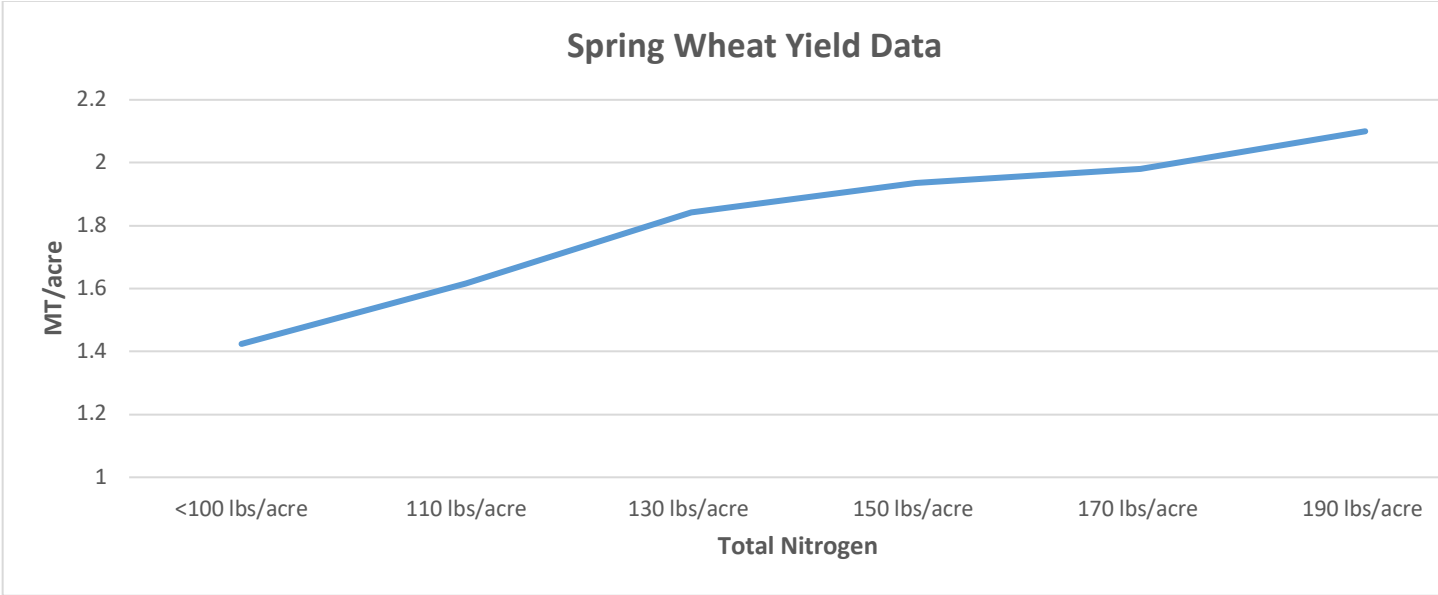
To save a pass over the field tank mix a compatible fungicide when applying your herbicide. Always review the label before making an application. For more spring wheat variety options, please review the Maritime Cereal Cultivar Performance List.

### Industry Input Expenses

<u>Option 1</u>	Recommended Value \$/acre	<u>Option 2</u>	Recommended Value \$/acre
Discing	26.70	Discing	26.70
Harrowing	15.00	Harrowing	15.00
Fertilizer Spreading*2	22.40	Fertilizer Spreading*2	22.40
Nitrogen (90 Units)	117.00	Nitrogen (130 Units)	169.00
Treated Seed	53.85	Treated Seed	53.85
Planting	27.20	Planting	27.20
Spraying/Pass*2	25.60	Spraying/Pass*2	25.60
Herbicide	10.01	Herbicide	10.01
Fungicide (Early & Late)	32.80	Fungicide (Early & Late)	32.80
Plant Growth Regulator	N/A	Plant Growth Regulator	13.50
Harvesting with Combine	54.30	Harvesting with Combine	54.30
<b>Total Expense per Acre</b>	<b>\$384.86</b>	<b>Total Expense per Acre</b>	<b>\$450.36</b>

\*Please note this information isn't sourced. Atlantic Grains Council isn't responsible for any changes in pricing. This document is a guide to help you make management decisions for your business.

The numbers in the chart above are used as a guide for treatment costs in on-farm agronomy across the Maritimes. Other macronutrients and micronutrients are required for the success of the crop, with variation from farm to farm. It is recommended you base your fertility requirements from your soil test results. Crop nutrient requirements for a targeted yield can be calculated at <https://www.agric.gov.ab.ca/app19/calc/crop/nutrientuse.jsp>. Nitrogen applications should be applied at critical growing points to maximize fertilizer efficiency.



The yield numbers in the line graph above were collected from YEN data over the 2019-2021 growing seasons. Majority of the fields were from PEI.

**Industry Return on Investment**

<u>Option 1</u>	Return on Investment	<u>Option 2</u>	Return on Investment
Market Price/MT	390.00	Market Price/MT	390.00
Expected Yield/Acre	1.400	Expected Yield/Acre	1.843
Total Revenue	546.00	Total Revenue	718.77
Less Total Expenses	384.86	Less Total Expenses	450.36
<b>Total Profit/Losses</b>	<b>\$161.14</b>	<b>Total Profit/Losses</b>	<b>\$268.41</b>

If you would like to use your own numbers there is an interactive Excel spreadsheet that you can use as a guide to get you started. Please replace values with your own as you do your homework on your crop costs and potential yield.

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