

## Conservation Cropping Protocol

### Summary

- There was a new May 1<sup>st</sup> pre-registration date for 2018 offsets
- The carbon harvest amount ranges from approximately a tenth to a twentieth of a tonne per acre

### Carbon Harvest from No Till Seeding

The 'carbon harvest' for Alberta producers direct seeding works out to around a tenth of a tonne per acre per year in the Parkland area and half that in the Dry Prairie for the no till seeding category of soil disturbance. Irrigated areas in the Dry Prairie harvest carbon at the Parkland rate. Calculation (example only) based on a \$23.00/tonne offset sale price and a 2/3 to 1/3 farmer/aggregator price split:

#### Parkland area

1000 acres X 0.113 tonnes/acre = 113 tonnes carbon

113 tonnes carbon X \$15.33/tonne = \$1732 or \$1.73/acre

#### Dry Prairie area

1000 acres X 0.057 tonnes/acre = 57 tonnes carbon

57 tonnes X \$15.33/tonne = \$874 or \$0.87/acre

'No Till' has disturbance specifications of one pass of an opener with up to 46% soil contact, or two passes of an opener (either seeding, fertilizing, or applying manure) of up to 38% soil contact. Up to 10% discretionary tillage in each field is allowed to manage ruts in unseeded wet areas, etc. The former 'Reduced Till' category is no longer eligible.

### Update

One major change for the 2018 year is that Alberta Environment and Parks required a farmer to preregister his potential qualifying quarters with an aggregation company by May 1<sup>st</sup>, the quarters that end up not qualifying can be deducted afterwards.

Link to the whole Conservation Cropping Protocol (CCP) with more details:

<https://open.alberta.ca/publications/9780778596288>

Link to the soil boundary line between Parkland and Dry Prairie areas:

[http://www1.agric.gov.ab.ca/\\$department/deptdocs.nsf/all/cl11708](http://www1.agric.gov.ab.ca/$department/deptdocs.nsf/all/cl11708)

Current Aggregation companies as of November 5<sup>th</sup>, 2018:

AgriTrend Aggregation: 1-877-276-7526

Carbon Credit Solutions: 1-877-912-9132

Farmers Edge (for their agronomic customers): 1-866-724-3343

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For more information contact the Ag-Info Centre at 310-FARM (3276) or Paul Jungnitsch at 780-427-3801

The information contained here is the interpretation of Alberta Agriculture and Forestry. Alberta's carbon offset system is managed by Alberta Environment and Parks. Offset projects must comply with the most recent quantification protocols and program requirements published by Environment and Parks at: [https://www.alberta.ca/alberta-emission-offset-system.aspx?utm\\_source=redirector](https://www.alberta.ca/alberta-emission-offset-system.aspx?utm_source=redirector)

